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Removal Action Report for the 488-2D Ash Basin and 488-4D Ash Landfill (U)

CERCLIS Number: 63

SRNS-RP-2017-00057

Volume 1 (Includes Appendices A through J)

Revision 1

September 2017

SOUTH CAROLINA
SAVANNAH RIVER NUCLEAR SOLUTIONS LLC
No. 4011
CERTIFICATE OF AUTHORIZATION
1/23/18

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January 10, 2018

Savannah River Site • Aiken, South Carolina

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Printed in the United States of America

Prepared for
U.S. Department of Energy
and
Savannah River Nuclear Solutions, LLC
Aiken, South Carolina

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LIST OF ABBREVIATIONS AND ACRONYMS

~	approximate, approximately
ac	acre
ACP	Area Completion Projects
ARAR	Applicable or Relevant and Appropriate Requirement
BMPs	Best Management Practices
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cm	centimeter
CPRB	Coal Pile Runoff Basin
D&R	demolish and remove
DAOU	D-Area Operable Unit
DQO	Data Quality Objectives
ESI	Environmental Specialties International
FFA	Federal Facility Agreement
ft	feet
GCL	Geosynthetic Clay Liner
GDL	Geosynthetic Drainage Layer
GPS	global positioning system
ha	hectare
HH	human health
in.	inch, inches
IWT	Industrial Wastewater Treatment
kg	kilogram
km	kilometer
km^2	square kilometer
lb.	pound
LGP	low ground pressure
LLC	Limited Liability Company
LUC	land use controls
m	meter
m^3	cubic meter
mi	mile
mi^2	square mile
NPDES	National Pollutant Discharge Elimination System
NTCR	non-time critical removal
OU	Operable Unit
PE	professional engineer
QC	Quality Control

LIST OF ABBREVIATIONS AND ACRONYMS *(Continued/End)*

RADP	Removal Action Design Plan
RAO	remedial action objectives
RAR	Removal Action Report
RCRA	Resource Conservation and Recovery Act
RSER	Removal Site Evaluation Report
RSER/EE/CA	Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis
SCDHEC	South Carolina Department of Health and Environmental Control
SRNS	Savannah River Nuclear Solutions, LLC
SRS	Savannah River Site
SSD	sub surface drainage
STR	Subcontract Technical Representative
SWPPP	Stormwater Pollution Prevention Plan
TCR	time critical removal
USDOE	U.S. Department of Energy
USEPA	U.S. Environmental Protection Agency
WSRC	Westinghouse Savannah River Company
yd^3	cubic yards

1.0 GENERAL DESCRIPTION

1.1 Purpose and Scope

This Removal Action Report (RAR) documents the completion of field implementation of the removal actions for the D-Area Operable Unit (DAOU) 488-2D Ash Basin and 488-4D Ash Landfill. The DAOU is listed as a Resource Conservation Recovery Act (RCRA)/ Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) unit in Appendix C of the Federal Facility Agreement (FFA) (FFA 1993) for the Savannah River Site (SRS). The 488-2D Ash Basin and 488-4D Ash Landfill, in addition to the D-Area 488-1D Ash Basin and 489-D Coal Pile Runoff Basin (CPRB) are subunits of the DAOU located at the SRS, in Aiken, South Carolina. This report summarizes the activities performed to implement the selected removal actions requirements defined in the *Removal Action Design Plan (RADP)* (SRNS 2014a). In addition, this report serves as the closeout report for both the 488-4D Solid Waste Landfill Permit #025800-1602 and the closure of the Ash Basin Industrial Wastewater Treatment (IWT) Permit #7295 as applied to the 488-2D facility.

The removal actions along with the Applicable or Relevant and Appropriate Requirements (ARARs) were established in the *RSER for the D-Area Ash Basin (488-2D Ash Basin)* (SRNS 2014b), the *Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for the D-Area Ash Landfill 488-4D* (SRNS 2014c) and the Action Memorandums (United States Department of Energy [USDOE] 2014a and USDOE 2014b) for each removal action. The groundwater monitoring requirements, proposed new well locations, well specifications, and sampling requirements defined by the D-Area Groundwater Operable Unit (OU); however, the abandonment and installation of the wells were installed as part of this closure project.

The scope of this report includes the following items:

- A brief description of the 488-2D Ash Basin and 488-4D Ash Landfill background, including early action requirements and objectives,

- A chronology of completed events related to the removal action of the 488-2D Ash Basin and 488-4D Ash Landfill,
- A summary of construction/removal activities performed,
- Deviations from the original design/requirements of the approved *RADP* (SRNS 2014a),
- Performance standards and quality control inspections, including a summary of performance test results documenting verification of compliance with the acceptance criteria in the *RADP* (SRNS 2014a),
- Final inspection and verification of construction/removal completion,
- Figures including field photographs,
- As-built drawings,
- Forecasts of post-construction activities (e.g., operation and maintenance), and
- Project costs.

1.1.1 Document Format

This RAR was prepared in accordance with the requirements for submittal of regulatory documents identified in the FFA (FFA 1993) between the USDOE, U.S. Environmental Protection Agency (USEPA), and South Carolina Department of Health and Environmental Control (SCDHEC). The format of this RAR was based on the Post-Construction Report protocol format found in the *Environmental Compliance and Area Completion Projects Regulatory Document Handbook* (SRNS 2014d) approved by the USEPA and SCDHEC as applicable to the RAR.

1.2 General Description and History of the Unit

SRS occupies 801.5 square kilometers (km^2) (309.4 square miles [mi^2]) of land adjacent to the Savannah River, principally in Aiken and Barnwell counties in South Carolina. SRS is located approximately (~) 40.2-km (25-mi) southeast of Augusta, Georgia, and 32.1-km (20-mi) south of Aiken, South Carolina (Figure 1). D Area is located in the southwest quadrant of the SRS, ~914-meters (m) (3,000-feet [ft]) east of the nearest site boundary the Savannah River (Figure 2).

SRS reactors that were used to produce nuclear materials required heavy water as a moderator. The heavy water was produced at D Area. D Area also contained the heavy water rework facility

to purify the SRS inventory of used reactor moderator. Like most of the industrial areas located at the Site, D Area was self-sustaining with needed utilities, administration, industrial and medical facilities located within the Area. An inactive coal fired powerhouse is also located in D Area.

The D-Area Powerhouse was built in 1953 and removed from service in 2012 after 59 years of operation. During its years of operation, the facility burned ~160,000 tons of coal per year. The 488-D Ash Basin, 488-1D Ash Basin, 488-2D Ash Basin, 488-4D Ash Landfill, and the 489-D CPRB were constructed in support of powerhouse operations in D Area (Photos 1 and 2). Following the powerhouse shutdown, continued operations of the ash basins, ash landfill and coal pile runoff basin were no longer required. Deactivation of the D-Area Powerhouse and associated facilities began in 2012. Photo 3 provides a preconstruction view of the area.

Previous remedial and removal activities associated with D Area ash facilities have occurred. In 2007, the 488-D Ash Basin was closed under a CERCLA remedial action. A non-time critical removal (NTCR) action was completed on the northern 25% of the 489-D CPRB in 2011. In 2011, the USDOE, USEPA, and SCDHEC agreed to add the 488-1D Ash Basin, 488-2D Ash Basin, and the 488-4D Ash Landfill to the FFA for final closure under CERCLA. The 488-4D Ash Landfill is currently permitted as a Class 2 Solid Waste Landfill (SC Solid Waste Landfill Permit #025800-1602). The 488-1D Ash Basin, 488-2D Ash Basin and 489-D CPRB are currently SCDHEC IWT permitted facilities (South Carolina [SC] IWT Permit #7295). Negotiations were held with the USEPA and SCDHEC to discuss closure alternatives for the D Area ash facilities. Due to size, complexity, and potential hazards, an alternate closure schedule was developed that supported removal actions for the D Area ash facilities.

Because of the size and duration, the removal action activities were segregated into two distinct Phases. Phase 1 included removal actions at the 488-2D Ash Basin and the 488-4D Ash Landfill. Phase 2 includes the removal actions at the 488-1D Ash Basin and the 489-D CPRB (Figure 3). This report documents the field implementation of the removal actions for Phase 1 (488-4D Ash Landfill and the 488-2D Ash Basin). A separate RAR will be prepared for the Phase 2 (488-1D Ash Basin and 489-D CPRB) removal activities.

Phase 1 removal action activities consolidated ash and contaminated soil from the 488-2D Ash Basin into 488-4D Ash Landfill. Additional consolidation of materials included ash and contaminated soil from outside the western end of the 488-4D Ash Landfill as well as ash from outside the eastern end of 488-2D Ash Basin and surrounding roads identified as Areas 1 and 2 on Figures 3, Figure 4 and Photos 20, 22, 33, and 49. During Phase 1 construction activities, additional ash was found east of the 488-4D Ash Landfill (Area 3) and will be removed as part of Phase 2 construction. A geosynthetic cover, consisting of a 15.2-centimeters (cm) (6-inch [in.]) compacted soil base layer, geosynthetic clay liner (GCL), geosynthetic drainage layer (GDL), a 50.8-cm (20-in.) compacted soil cover layer, 10.2 cm (4 in.) of top soil and sod was placed over the entire 488-4D Ash Landfill. During construction activities, including both Phase I and Phase II, the 488-2D Ash Basin serves as a sedimentation basin. The final end-state of the 488-2D Ash Basin will be a stormwater detention pond.

1.3 Removal Action Requirements and Objectives

1.3.1 Removal Action Objectives 488-4D Ash Landfill

As stated in the *RSER/EE/CA for the D-Area Ash Landfill (488-4D)* (SRNS 2014c), the remedial action objectives (RAOs) for the D-Area Ash Landfill (488-4D) subunit are follows:

- Protect future industrial workers and ecological receptors from exposure to arsenic and coal-related radionuclide contaminants to an exposure risk exceeding 1E-06 (or hazard quotient >1) in surface ash/soil.
- Prevent migration of potential mobile contaminants to groundwater that could exceed groundwater protection standards.

1.3.2 Selected Removal Action 488-4D Ash Landfill

As stated in the *RSER/EE/CA for the D-Area Ash Landfill (488-4D)* (SRNS 2014c) the selected removal action is as follows:

> "A geosynthetic cover system that meets the permeability requirements of the SCDHEC Class Three Landfill regulations will cover the ash. The cover system shall include a GCL with a permeability no greater than $1x10^{-5}$ cm/sec and a functional life of 30 years but will be maintained to have a much longer effective life and have a storm water conveyance

system designed for a 25-year, 24-hour storm event. The cover system will consist of an initial layer of common fill (if necessary), a GCL, a GDL, common fill layer, top soil and vegetation (sod). After construction of the cover system, the final remedial action for the DAOU will institute land use controls (LUCs) to maintain the integrity of the cover system and to prevent unauthorized access until the ash is no longer a threat to human health (HH) and the environment. Current groundwater monitoring and reporting under the D-Area Groundwater OU will continue and will be used to document the effectiveness of the cover system."

"Placement of a cover system compliant with SCDHEC Class Three Landfill permeability requirements provides overall protection to HH and the environment by providing immediate protection to human receptors by preventing direct contact. The geosynthetic cover system also provides assurance regarding the protection of groundwater by reducing infiltration from contact of the contaminated ash media with stormwater. The contaminated ash and other material approved for disposal in the 488-4D Ash Landfill remain in place and LUCs will be required."

Remediation of the 488-4D Ash Landfill by utilization of a NTCR action was an effective strategy for cost-effectively reducing obvious risks, satisfying the closure requirements of the 488-4D Ash Landfill Permit #025800-1602, and accelerating area closure by initiating early actions while meeting necessary ARARs. This alternative does not preclude any additional remediation of the DAOU and is consistent with the current and future land use.

1.3.3 Removal Action Objectives 488-2D Ash Basin

As stated in the *Scoping Summary for D-Area Operable* (SRNS 2014e) the RAOs for the D-Area Ash Basin (488-2D) subunit are as follows:

- Protect future industrial workers and ecological receptors from exposure to contaminants in surface sediment/soils,
- Prevent migration of potential mobile contaminants to groundwater that could exceed groundwater protection standards.

1.3.4 Selected Removal Action 488-2D Ash Basin

The *Removal Site Evaluation Report (RSER) for the D-Area Ash Basin (488-2D)* (SRNS 2014b), addressed the risk from arsenic and naturally-occurring, coal-related radionuclides in ash. The selected action time critical removal (TCR) was ash removal. Although the removal of the water that resided within the 488-2D Ash Basin was not the focus of the TCR action, it was an essential activity that was required before any excavation of ash could take place. The water was removed/managed in accordance with the current National Pollutant Discharge Elimination System (NPDES) Permit (#SC0047431) and/or transferred within the existing IWT permitted basin complex (i.e., 488-1D Ash Basin and associated inlet basins).

The ash in the 488-2D Ash Basin, ash located outside the western end of the 488-4D Ash Landfill, and ash from surrounding roads/berms (Area 1 and Area 2) was removed and placed into the 488-4D Ash Landfill during Phase 1 construction activities. The additional ash found east of 488-4D Ash Landfill (Area 3) will be removed during Phase 2 construction activities for the 488-1D Ash Basin and the 489-D CPRB (Figure 3, Figure 4 and Photos 20, 22, 33, and 49). The 488-4D Ash Landfill was the preferred location depending on capacity (volume) limitations and/or schedule constraints. The ash was not a hazardous waste under the RCRA program. The extent of the removal was based on visual inspection. Confirmation sampling to verify ash removal was performed in accordance with the approved *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site* (SRNS 2013). A separate site-specific *Field Sampling Plan for the D-Area 488-2D Ash Basin* (SRNS 2014f) was submitted for regulatory review/approval prior to obtaining confirmation samples. The 488-2D Ash Basin confirmation sampling results along with the formal HH and ecological risk evaluations were documented in the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin* (SRNS 2016a) which was submitted and approved by the USEPA and SCDHEC.

1.3.5 Chronology of Events

See **Table 1** for chronology of events.

Table 1. Chronology of Events

Description of Activity	Date
Submittal of the RSER/EE/CA for the D-Area Ash Landfill 488-4D, Rev. 1 (USDOE 2014e)	June 12, 2014
EPA Conditional Approval of the RSER/EE/CA for the D Area Ash Landfill 488-4D (USEPA 2014a)	July 14, 2014
Submitted Action Memorandum and Responsiveness Summary 488-4D (Appendix A) (USDOE 2014a)	August 11, 2014
Removal Action Start 488-4D (Appendix B) (USDOE 2014c)	September 2, 2014
SRNS begins Field Activities as Described Removal Action Start 488-4D	September 2, 2014
Removal Action Start 488-2D (Appendix C) (USDOE 2014d)	October 14, 2014
SRNS begins Field Activities as Described Removal Action Start 488-2D	October 14, 2014
SCDHEC Conditional Approval of the RSER for the D-Area Ash Basin 488-2D (SCDHEC 2014a)	October 14, 2014
EPA Approval of the Action Memo and RSER for the D-Area Ash Basin 488-2D (USEPA 2014b)	October 20, 2014
Submitted Action Memorandum and RSER, Rev. 1, 488-2D (Appendix D) (USDOE 2014b)	October 28, 2014
Contract Award	February 6, 2015
Mobilize to Site	March 23, 2015
Submitted RADP for the 488-4D and 488-2D, Rev. 1.1 (Appendix E) *RADP* (SRNS 2014a)	April 1, 2015
SCDHEC Approval of the RADP for the 488-4D and 488-2D, Rev. 1.1, (SCDHEC 2015a)	April 29, 2015
Start 488-2D Ash Excavation	May 07, 2015
EPA Approval of the RADP for the 488-4D and 488-2D, Rev. 1.1, (USEPA 2015)	May 10, 2015
Complete 488-4D GCL/GDL Installation	July 28, 2016
Mechanical Completion of the 488-4D Ash Landfill	August 31, 2016
Mechanical Completion of the 488-2D Ash Basin	September 22, 2016
"November 2016 Completion Status of the D Area Ash Project", Regulatory Concurrence of 488-4D and 488-2D Completion (Appendix F) (USDOE 2016)	November 3, 2016

2.0 CONSTRUCTION ACTIVITIES

2.1 Construction Team

Savannah River Nuclear Solutions (SRNS) provided project management, oversight, confirmation sampling, including worker protection, and regulatory integration. In addition, SRNS construction forces were responsible for the sluice line removal, initial borrow area land clearing, and access road enhancements. During the construction phase of the project, SRNS Design Engineering provided Title 3 (Construction) support. Envirocon, the prime contractor for implementation of the removal action at the 488-4D Ash Landfill and 488-2D Ash Basin, was responsible for all

remaining construction activities to include contract management, erosion and sediment control measures, stormwater controls, dewatering, excavation, placement and compaction of ash, stormwater conveyance system, subsurface drainage system, placement of common fill, topsoil, crushed stone surfacing, submittals etc. Envirocon used other sub-tier contractors for specific tasks, as they deemed appropriate. The sub-tier contractors included Carolina Sodding Services for the installation of seeding and sodding to include maintenance, and watering; Environmental Specialties International (ESI) for the installation of GCL, and GDL; Trotter Site Preparation for clearing, grubbing, chipping and transportation of root balls to the Three Rivers Landfill; and GEL Engineering for all surveying and as-built needs.

All work described in this section of the RAR was performed in accordance with the *RADP* (SRNS 2014a) associated design drawings, and manufacturer's recommendations. Deviations are discussed in Section 3 "Deviations from Original Design."

2.2 Equipment

Table 2 identifies the general equipment types and activities used during construction.

Table 2. Equipment

General Equipment Type	Type Activity
D-6 and D-8 Dozers (Options Low Ground Pressure [LGP], global positioning system [GPS])	Construction of access roads around the basins, ash placement in 488-4D, grading of existing ash surface in 488-4D, placement of ash, common fill, and topsoil **(Photo 4).**
Excavator 300 and 400 series (Options GPS, Long reach)	Excavation of ash from 488-2D and 488-4D, excavation of borrow material, excavation in support of storm drain system **(Photo 5).**
30-Ton Articulated Haul Trucks	Hauling ash into 488-4D, hauling common fill from borrow area to 488-4D/2D **(Photo 6).**
Tandem Axle Dump Trucks	Hauling materials within the borrow area, supporting clearing and grubbing, hauling of materials to the 3 Rivers Landfill.
Water Trucks	Dust suppression, adding water to fill material to achieve compaction, assisting in watering revegetated areas **(Photo 7).**
Vibratory Compactors Smooth Drum and Sheep's Foot	Compaction of ash, compact common fill, compact crushed stone surfacing. **(Photos 8 and 9).**
Utility Compactor	Walk behind utility trenches, compact materials not accessible to larger equipment **(Photo 10).**
Vibratory Plate Compactor	Compact utility trenches, compact materials not accessible to larger equipment**.**
Backhoes Various Sizes	Excavate utility trenches, backfill utility trenches, construct storm drainage features

Table 2. Equipment *(Continued/End)*

General Equipment Type	Type Activity
Disc and Plough	Turn ash material to assist in drying, incorporate drier ash material with wetter ash material to facilitate compaction.
Loaders w/bucket and forks Various Sizes	Load common fill material into trucks, assist with fill placement and grading, assist with road construction and grading, backfill utility trenches **(Photo 11).**
Motor Grader w/ripper	Maintain site haul roads, assist in conditioning ash, installation of construction access points, and fine grading **(Photos 12 and 13).**
Pickups	General site operations.
Telehandler	Material handling, GCL/GDL deployment.
GPS Base Station and Rover	Assist in grade checking and support machine control.
Pumps Various Sizes	Dewater 488-2D, dewater trenches and sumps.
D-6 and D-8 Dozers (Options LGP, GPS)	Construction of access roads around the basins, Ash placement in 488-4D, grading of existing ash surface in 488-4D, placement of ash, common fill, and topsoil **(Photo 4).**
Track Sod Installer	Installation of sod **(Photo 14).**
Hydroseeder	Hydroseed applications.
All-Terrain Vehicle	General site operations.
Farm Tractors Various Sizes	Spread lime and fertilizer, prep topsoil surface.

Equipment or vehicles that were used for excavation, hauling, and/or compaction of ash were cleaned in areas of the work site to be remediated (i.e., 488-1D Ash Basin). All cleaning water was allowed to runoff into this area.

2.3 Removal Action Activities

Removal action activities were segregated into two distinct Phases. Phase 1 included the 488-2D Ash Basin and the 488-4D Ash Landfill. Phase 2 includes the 488-1D Ash Basin and the 489-D CPRB. The primary objectives of the Phase I (488-2D/488-4D) removal actions was the consolidation of ash from outside the western boundary of the 488-4D Ash Landfill, ash from surrounding roads/berms (Areas 1 and 2), and ash from the 488-2D Ash Basin into the 488-4D Ash Landfill. A geosynthetic SCDHEC Class 3 Solid Waste Landfill cover system was then constructed over the 488-4D Ash Landfill. The major project tasks associated with the performance of the work were as follows:

- Mobilization to the site,

- Site preparation and stormwater controls within the initial land disturbance area,
- Installation of erosion and sediment control measures,
- Clearing and grubbing,
- Dewatering,
- Excavate ash outside the western boundary of the 488-4D Ash Landfill and ash from surrounding roads/berms (Areas 1 and 2), place and compact in 488-4D Ash Landfill,
- Excavate ash in 488-2D Ash Basin, place and compact in 488-4D Ash Landfill,
- Grade ash within 488-4D Ash Landfill to design requirements *RADP* (SRNS 2014a) specifications,
- Construct the stormwater conveyance system,
- Excavate and haul common fill from borrow area to 488-4D Ash Landfill,
- Placement of a minimum 15.2-cm (6-in.) common fill layer over ash in 488-4D Ash Landfill,
- Installation of GCL and GDL over the 15.2-cm (6-in.) common fill layer,
- Placement of 50.8-cm (20-in.) common fill and topsoil over GDL/GCL,
- Placement of 10.2-cm (4-in.) of top soil over common fill followed by sod installation
- Installation of the subsurface drainage system,
- Regrade and place common fill in the bottom of 488-2D Ash Basin to design requirements *RADP* (SRNS 2014a),
- Stabilize the site by seeding, sodding, and placement of crushed stone surfacing,
- Land surveying throughout the duration of construction activities,
- Demobilization.

2.4 Site Mobilization

Project personnel began mobilization to the 488-4D Ash Landfill and 488-2D Ash Basin Closure project upon approval of required pre-construction submittals. The Envirocon management team

performed submittal preparation and managed equipment mobilization during this time frame. The mobilization of craft personnel began once Notice to Proceed was received. Office space was provided and installed by a local vendor. The size of the field office trailer was ~18.3 x 6.1 m (60 x 20 ft) and included office space as well as a conference/lunch room where meetings were held. The temporary office trailer and parking area was set up on one of the concrete or asphalt pads in the laydown/storage area. Several additional laydown/storage areas were established to allow for equipment maintenance, material storage, etc. These areas were designed to control stormwater runoff.

2.5 Project Surveying

Survey control points were provided to Envirocon by SRNS prior to the start of work. Control point or benchmark/monument positions (x, y, and z coordinates) were used to maintain vertical and horizontal limits during the excavation and backfill process. Control points and survey monuments were protected during construction activities. In high traffic areas, benchmarks were demarcated by three guard posts with reflective paint striping.

A GPS was used to perform the site construction layout by Envirocon's Grade Checker and/or the Envirocon Engineer (Photos 15 and 16). The GPS used Digital Terrain Models and electronic background maps to ensure continuous control of all excavation grades, limits of excavation and backfill soil placement, and minimize the possibility of induced error by limiting the number of field calculations needed to conduct layout operations.

Envirocon used a South Carolina licensed Professional Land Surveyor to set additional project control monuments where needed, perform initial pre-excavation topographic surveys, ash placement surveys, bottom of excavation topographic surveys, cover material topographic surveys, stormwater system as-built surveys and spot check construction layout staking. As-built survey data was provided to SRNS.

2.6 Stormwater Pollution Prevention and Erosion Control

All work was performed in accordance with SRNS's existing *Comprehensive Stormwater Pollution Prevention Plan (SWPPP) for the 488-4D Ash Landfill Closure* (SRNS 2014g). In

addition, all water that had contacted ash was pumped to the 488-1D Ash Basin for management in accordance with the IWT permit. All subcontractors of SRNS, including subs to the general subcontractor (Envirocon) who's work at the project site involved activities that may impact stormwater discharges or controls were required to attend a pre-construction meeting to discuss and review the conditions of the SWPPP and then sign on to the SWPPP prior to commencing any land disturbing activities.

Erosion control measures were constructed and maintained to prevent releases during activities associated with this project. The primary objectives of the storm water/erosion controls to be used for this project were to:

- Prevent the spread of ash and/or sediments during remediation activities,
- Maintain stormwater run-on/run-off within the project site boundaries,
- Provide storm water/erosion control inspection and reporting, and
- Identify locations and methods of construction of storm water/erosion control measures and their maintenance.

The work site was evaluated weekly or after rain events (1.3-cm [0.05-in.] and greater) during field operations to determine whether additional stormwater/erosion control measures were necessary. The Construction Field Engineer, Site Superintendent, Subcontract Technical Representative (STR), and SRNS Design Engineering participated in SWPPP (SRNS 2014g) inspections. Additional storm water/erosion controls were installed as needed.

2.6.1 Initial Land Disturbance

The initial erosion control measures were installed prior to the start of any excavation or other soil-disturbing activities. All storm water/erosion control features were installed in the locations identified in the design requirements *RADP* (SRNS 2014a) documents. Initial land disturbance activities included the following:

- Installation of construction entrance(s),
- Provide inlet protection for three existing stormwater inlets,
- Clearing and grubbing to allow installation of silt fence,
- Installation of silt fence and J-Trap east of 488-4D Ash Landfill,

- Install silt fence and rock check dams west of 488-4D Ash Landfill,
- Demolish and remove (D&R) existing 243.8-cm (96-in.) diameter corrugated metal pipe trash rack and concrete piers,
- Remove existing 45.7-cm (18-in.) diameter cast iron discharge pipes to side slope of basin,
- Excavate ash to allow construction of rock filter ring and outlet structure,
- D&R wood bridge, abandoned monitoring well and catch basin,
- Grout 10.2-cm (4-in.) diameter existing corrugated polyethylene pipe and abandon in place.

Front-end loaders and graders were used to construct construction entrances to the site. Construction entrances were established where vehicles access the construction site gravel or dirt roads from paved roads. Construction entrances were installed per design requirements *RADP* (SRNS 2014a) to prevent tracking of sediment by vehicles onto the hard surface road.

The areas east and west of 488-4D Ash Landfill were grubbed to the extent necessary to facilitate silt fence installation. Grubbed materials were disposed of in accordance with the *SRNS Waste Management Plan for the 488-4D Ash Landfill and the 488-2D Ash Basin* (SRNS 2014h). The area along the existing ditch west of 488-4D Ash Landfill was excavated to the extent necessary to allow installation of silt fence.

Throughout construction activities the contractor used a range of erosion control Best Management Practices (BMPs) to stabilize non-vegetated areas. Erosion control BMPs included a combination of run-off berms, check dams (Photo 17), straw waddles (Photo 18), silt fence (Photo 19), surface roughening; temporary seeding; riprap etc. to prevent the transport of ash/sediment off the project site. Inlet protection structures (Photo 18) were established around the three existing inlet structures adjacent to 488-4D Ash Landfill. Inlet protection structures were constructed by laborers using hand tools.

2.6.2 Clearing and Grubbing

The existing wooded area west of 488-4D Ash Landfill required grubbing to allow excavation of ash material. Trotter Site Preparation was responsible for clearing and grubbing the area and transporting CERCLA Sanitary Waste to Three Rivers Landfill. Grubbed materials were size reduced to meet the waste acceptance criteria at the landfill, loaded into trucks and hauled to Three

Rivers Landfill. Photos 20 and 21 shows clearing and grubbing activities at the 488-4D Ash Landfill. SRNS provided and signed waste manifests for the waste materials transported to the landfill. The CERCLA Off-Site Rule Documentation for the Three Rivers Landfill is provided in Appendix G.

2.6.3 Dewatering

All stormwater was removed/managed in accordance with the SWPPP (SRNS 2014g). Prior to discharge, any water that had contacted ash was removed and managed in accordance with the current NPDES permit and/or transferred within the existing IWT permitted basin complex (i.e., 488-1D Ash Basin or associated inlet basins) and then sampled per existing NPDES requirements prior to discharge into the Discharge Canal. Since there was sufficient storage capacity in the 488-1D Ash Basin and 488-1D inlet basins, NPDES permitted industrial wastewater (i.e. ash contaminated) was transferred to the existing IWT permitted 488-1D basins without any ongoing discharge occurring as part of this removal action. No NPDES permitted industrial wastewater (i.e. ash contaminated) was directly discharged to surface water as part of this removal action.

2.7 Ash Excavation and Grading

2.7.1 488-2D Ash Basin Ash Excavation

Following removal of water from 488-2D Ash Basin, areas of ash in the basin bottom remained saturated with little bearing capacity and were unable to support heavy equipment. To facilitate ash excavation, it was necessary to construct temporary access roads into the 488-2D Ash Basin. Roads were spaced 24.4 m (80 ft) on center throughout the 488-2D Ash Basin (Photo 22). Excavation was performed by a 40-metric ton excavator equipped with GPS. The GPS model was developed from the excavation surface for the 488-2D Ash Basin. Roads were constructed of common fill material excavated and hauled from the Common Fill Borrow Site in D Area borrow pit to the 488-2D Ash Basin. Fill was placed by a dozer and compacted by truck traffic and/or vibratory drum compactor. Lift thickness was sufficient so that heavy equipment could travel on the access roads without breaking through. As ash was excavated, the roads were removed. Tracked excavators excavated ash and placed the material in 30-ton articulated haul trucks (Photo 23). The trucks used the temporary access roads to haul material from the

488-2D Ash Basin to the 488-4D Ash Landfill. Trucks were loaded in a manner which prevented spilling of material during transport between the areas. Material used to construct roads was temporarily stockpiled within the area of disturbance or incorporated into the ash material that was placed in the 488-4D Ash Landfill.

2.7.2 Ash Placement, Conditioning, Grading and Compaction

Ash was hauled in articulated off road trucks from the 488-2D Ash Basin to the top of the 488-4D Ash Landfill. It was then dumped onto the existing ash surface and spread into 15.2-cm (6-in.) to 30.4-cm (12-in.) thick loose lifts by a D-6 size dozer equipped with GPS. Lift thickness was dependent on moisture content of ash. Ash that was too wet to compact was spread and allowed to dry. A disc or plow was used to turn the wet material to assist in drying. Dry ash from the perimeter of 488-4D Ash Landfill was mixed with wet material to facilitate drying. The accessible footprint of the 488-4D Ash Landfill allowed sufficient space to dry ash prior to compaction. When rain was forecast, the ash surface was sealed by compacting with a vibratory smooth drum compactor to minimize impacts of precipitation (Photos 24 and 25). During periods of heavy rainfall, work related to ash placement, conditioning, grading and/or compaction was essentially stopped until conditions became manageable. When the ash surface had dried sufficiently to allow for the operation of equipment, the ash surface was disked/harrowed and allowed to dry until it could be compacted.

Calciment (quicklime) was used to aid in drying of excessively saturated ash within the 488-4D landfill (Photo 26). The addition of quicklime was required for strength stabilization of the ash in order to meet the landfill compaction requirements. Quicklime has been used successfully for strength stabilization of saturated sediments on many sites. See Appendix H (SCDHEC 2015b) for SCDHEC approval of the use of this material in the 488-4D Ash Landfill.

When the ash had dried to the extent needed to successfully compact, a vibratory compactor was used to compact each lift (Photo 27). The compactor made a minimum of five passes over the material. After four lifts were placed and compacted, the surface of the ash was proof rolled to demonstrate successful compaction. Proof rolling was performed in the presence of the Testing Laboratory Technician, STR and SRNS Design Engineer. A four-wheeled (minimum) pneumatic

tired piece of heavy equipment not weighing less than 25 tons was used for proof rolling the ash surface (Photo 28). Any areas that exhibit pumping or softness were excavated a minimum of 45.7-cm (18-in.) and reconditioned until material characteristics allow for successful proof rolling.

Existing ash located in 488-4D Ash Landfill required regrading to achieve lines and grades presented in the construction drawings. A dozer equipped with GPS cut the ash surface to design grade and a front-end loader moved the ash to its placement location. Ash that was cut from within 488-4D Ash Landfill was drier than the material located in 488-2D Ash Basin. Some of the drier material was incorporated into the wet material to facilitate compaction. If dry ash was added to wet material, it was mixed by plough or disc so that moisture content throughout the lift was uniform.

2.7.3 Survey and Approval from SRNS of Ash Removal

Once all ash had been placed in the 488-4D Ash Landfill, SRNS performed a visual inspection of the site to confirm that all ash had been placed in the landfill in accordance with the design requirements *RADP* (SRNS 2014a) (Photos 29). Following the visual inspection performed by SRNS, a topographic survey of the finished ash surface (As-built Ash Layer, Appendix K.1) was developed by the contractor. Data from the topographic survey was provided to SRNS for evaluation against the existing cap design. A summary of ash/contaminated soil placed into the 488-4D Ash Landfill is provided is provided below in **Table 3**.

Table 3. Ash Consolidation Quantities

Ash Consolidation Quantities		
Material (ash and contaminated soil) Moved from Location Identified Below to the 488-D Ash Landfill	**Volume** *(yd^3)*	**Volume** *(m^3)*
488-2D Ash Basin and Areas 1 and 2	76,000	58,106
Area west of the 488-4D Ash Landfill	14,800	11,315
TOTAL	**90,800**	**69,421**

Approximate final volumes shown

The permitted design capacity of the 488-4D Ash Landfill is 749,264 cubic meters (m^3) (980,000 cubic yards [yd^3]). Based on Design Engineering evaluation comparing the as-built (As-built Ash

Layer Appendix K.1) drawing versus the original basin design drawing (W705904) the total volume of ash in the 488-4D Ash Landfill is estimated to be 745,441 m^3 (975,000 yd^3).

2.8 Common Fill

Common fill was sourced from the on-site borrow pit, ~3.2-km (2-miles [mi]) east of 488-4D Ash Landfill known as the D Area Borrow Site (Photo 30). The borrow area was cleared, grubbed and partially excavated by SRNS prior to the start of mobilization and prior to the borrow area being turned over to the contractor. Borrow material was used in the 488-2D Ash Basin, outside the west of the 488-D Ash Landfill, the 15.2-cm (6-in.) common fill layer over the ash mound in the 488-4D Ash Landfill, and the 50.8-cm (20-in.) thick common fill layer over the GCL/GDL in the 488-4D Ash Landfill. A summary of common fill placed during Phase 1 of the project is provided in **Table 4**.

Table 4. Bulk Common Fill Quantities

Bulk Quantities		
Common Fill	**Volume** *(yd^3)*	**Volume** *(m^3)*
488-2D Ash Basin Bottom, North Berm, and Areas 1 and 2	59,600	45,567
Area west of the 488-4D Ash Landfill	11,200	8,563
Cover System 6-inch common fill layer	21,300	16,285
Cover System 20-inch common fill layer	59,100	45,185
TOTAL	**151,200**	**115,600**

Approximate final volumes shown

2.8.1 Hauling, Placement and Compaction of Common Fill

Material from the borrow area was excavated in accordance with the borrow area *SWPPP* (SRNS 2014i). Tracked excavators and rubber tire loaders were used to excavate material and loaded into haul trucks. The material was hauled to the construction site where it was dumped and spread by a dozer equipped with GPS.

The initial backfill of utility trenches was placed in uniform loose lifts along both sides of the pipe concurrently using a loader. Lifts were placed in 30.5-cm (12-in.) loose lifts. The initial lifts, those in the immediate vicinity of piping or associated structures, were compacted using a plate or

utility compactor (Photo 31). Horizontal locations, size and vertical elevations of associated structures and appurtenances were incorporated into the Utility As-Built Survey (Appendix K.6, As-Built Subsurface Drains & Utilities) prior to the execution of backfill.

Following removal of ash material from the 488-2D Ash Basin, the surface of the basin was regraded and filled with common fill to achieve the final grade shown in the design drawings. A dozer equipped with GPS was used to cut and place material in 488-2D Ash Basin. Common fill from the borrow area was placed in areas that required fill to achieve the final grade **(**Photos 32 and 33). A vibratory smooth drum compactor was used to compact the fill to design requirements (SRNS 2014a).

The 15.2-cm (6-in.) common fill cover over the ash and 50.8-cm (20-in.) common fill cover over the geosynthetics are discussed in Section 2.9.

2.9 488-4D Ash Landfill Cover

This section includes discussion on the storage of the GCL and GDL and installation of the geosynthetic cover system for the 488-4D Landfill. This section includes the following:

- Placement of 15.2-cm (6-in.) common fill base layer including subgrade acceptance,
- GCL and GDL storage,
- GCL and GDL Installation, and
- Placement of 50.8-cm (20-in.) common fill over the GDL

ESI was contracted to install all GCL and GDL liner materials at the 488-4D Ash Landfill.

2.9.1 6 Inch Common Fill Base layer

Common fill material from the D Area Borrow Site was used for the base layer. For the 15.2-cm (6-in.) common fill layer a dozer spread material into a loose lift ~17.8- to 20.3-cm (7- to 8-in.) thick. Moisture content was adjusted as necessary and the material compacted with a vibratory compactor. The 15.2-cm (6-in.) common fill layer serves as a base for GCL and GDL placement. The vibratory compactor made a minimum of five passes over the fill material per design requirements (SRNS 2014a) (Photo 33).

2.9.2 GCL and GDL Material Acceptance and Storage

All geosynthetic materials were in accordance with the design requirements (SRNS 2014a). As the materials off loaded, the rolls were inspected for damage. No damaged GDL or GCL materials were found and the rolls were placed into storage on appropriate dunnage with minimal handling. Cloth chokers and spreader bars were used to handle materials. A spreader bar was attached to a steel bar inserted through the center core of the roll to pick and move GCL and GDL. Original packaging material remained on the rolls until immediately prior to installation. For additional protection, polyethylene sheeting was placed over the rolls (Photo 34).

2.9.3 GCL and GDL Installation

Immediately prior to installation, the 15.2-cm (6-in.) common fill layer was fine graded and rolled with a smooth drum roller and inspected and documented by a qualified Quality Control (QC) Inspector. Any rocks and sticks found at that time were removed. The GCL was deployed using all terrain forklifts in the orientation recommended by the manufacturer. The GDL installation was performed concurrently with GCL installation. The number of panels installed was limited to the square footage that could be covered with common fill and the working edge protected by tarps at the end of the day. At catch basins, the GCL was tied to the catch basin and the penetration sealed in accordance with GCL manufacturer's written instructions and the *RADP* (SRNS 2014a) (Photo 35). Backfilling and compaction of common fill and topsoil to final grade followed completion of tie-in activities.

GDL and GCL were installed starting at the east side of 488-4D Ash Landfill progressing westward. Installation in parallel facilitated daily placement of common fill over the GDL. The loads placed on the GCL and GDL during installation were limited to prevent damage as prescribed by the manufacturer. As GDL/GCL materials were placed, the anchor trench was excavated and prepared for liner installation (Photos 36 through 41). Temporary ditches, swales, and or sandbags were used to divert water from the surface of the GCL/GDL. Any repairs were made in accordance with the manufacturer's recommendations and the *RADP* (SRNS 2014a). Approximately 8.9 hectares (22 acres) of each of the geosynthetic materials (GCL/GDL) were placed. All geosynthetic materials were installed in accordance with the manufacturer's recommendations and

the *RADP* (SRNS 2014a). Unique numbers were assigned to each panel placed (Photo 42). A qualified QC Inspector monitored and documented the installation of the GDL and GCL.

2.9.4 488-4D Ash Landfill Placement of 20-Inch Common Fill Lift over GDL

The initial lift of the 50.8-cm (20-in.) common fill layer over the geosynthetic materials was placed in parallel with the installation of GCL and GDL. Common fill was hauled from the borrow pit and spread over the GDL by a D-6 size LGP dozer equipped with GPS. The initial lift was between 30.5- and 38.1-cm (12- and 15-in.) loose thickness. Fill was pushed out over the GDL in an upward tumbling as prescribed by the manufacturer, to prevent wrinkles in the geosynthetics. Dumping of fill on the GDL was limited to a maximum of 0.9 m (3 ft). On slopes, fill was placed from the bottom of the slope upward. The equipment used to place the fill was not allowed to operate directly on the geosynthetics. Compaction of the initial lift of material above the GDL was accomplished by traffic compaction with ground pressure less than 7 pounds per square inch making at least two passes over the area as required by the design.

Parallel placement of soil cover material over the geosynthetics ensured that the materials were covered by the end of each day. Rain tarps and sand bags were deployed over the working edge of the geosynthetics materials at the end of the each day. This was limited to the transition areas that could not be covered with fill material until the adjacent panels of geosynthetics materials were installed. Any GCL damaged by rain was required to be replaced.

The remaining fill was placed in a lift thickness that resulted in an overall common fill layer of 50.8-cm (20-in.). Fill was placed with a D-6 LGP dozer and compacted as specified in the design requirements *RADP* (SRNS 2014a). A vibratory compactor was used to ensure material was compacted to the specification. The placement of topsoil and sodding are described in Sections 2.12.1 and 2.12.2, respectively.

2.10 Subsurface Drainage and Stormwater Conveyance Systems

The overall 488-4D Ash Landfill Subsurface Drainage and Stormwater Conveyance Systems consists of the following:

- Perimeter subsurface drainage piping,
- Perimeter surface ditch,
- Catch basins,
- Culverts,
- Manhole/manhole tie ins, and
- Riprap aprons.

The 488-4D Ash Landfill subsurface drainage consist of ~1386.8 m (4,550 ft) of perforated subsurface piping for the collection of any water that penetrates the 61-cm (70-in.) soil cover. Any water that penetrates the 61-cm (70-in.) soil cover is directed by the GDL to the subsurface drain piping and conveyed to the catch basins. The 488-4D Ash Landfill perimeter surface ditch follows the same course as the surface drainage system. There are five catch basins which collect water from the surface ditches and the perforated subsurface piping. Stormwater collected in the two catch basins on the north side of the 488-4D Ash Landfill is directed to existing stormwater manholes located at the southeast and southwest corners of the 488-D Ash Basin. Stormwater collected in the three catch basins on the south side (east, west and center) of the 488-4D Landfill is directed to 488-2D detention pond through three culverts.

2.10.1 488-4D Ash Landfill Piping, Culverts, Catch Basins, and Manhole

All structures and piping to include subsurface drainage piping, culverts, catch basins, and a manhole were installed to the lines and grades as specified in the design requirements *RADP* (SRNS 2014a). Bedding material (stone aggregate) was placed, graded and consolidated using a plate or utility compactor prior to installation of the pipe (Photos 31, 43, and 44). Tie-in to catch basins and manholes were completed as required. As-Built surveys were completed prior to any backfilling.

The surface drainage pipe trench (Photo 45) was lined with geosynthetic filter fabric and filled with gravel. The surface drainage pipe was placed such that the orientation of the holes faced down approximately in the center of the trench and 5.1 cm (2 in.) from the bottom of the trench. The geosynthetic filter fabric is then wrapped around and overlapped.

The remaining backfill (common fill) around and over piping, culverts and structures was placed in specified loose lift thickness and compacted in accordance with design requirements *RADP*

(SRNS 2014a). The material was placed using loaders, excavators and various compaction equipment.

2.10.2 Rip Rap Aprons

The riprap aprons consist of riprap, #57 stone, and non-woven geotextile filter fabric. The subgrade for the filter fabric and rip rap was constructed to the lines and grades provided in the design requirements *RADP* (SRNS 2014a). Any fill required for the subgrade was compacted to the density of the surrounding undisturbed material using a plate compactor or vibratory drum compactor. Filter fabric was installed over the soil surface where the riprap apron was to be placed. A minimum of 5.1 cm (2 in.) of gravel bedding (#57 stone) was placed between the filter fabric and riprap to prevent damage to fabric when placing rip rap. The aprons were constructed to the grades required by design. The top of riprap at downstream end was level or slightly below the receiving area. All disturbed areas around the apron were stabilized with vegetation after construction (Photo 46).

2.11 488-2D Ash Basin Outlet Structures

This section provides details pertaining to the installation of the 488-2D Ash Basin outlet structures. Once the ash had been removed from the basin bottom and confirmation sampling completed, the two outlet structures were constructed in the 488-2D Ash Basin, one through the east berm and one through the west berm. A temporary rock ring filter was installed to grade. A non-woven geotextile fabric was placed over the soil surface where the rock filter ring was constructed. The body of the rock ring filter was comprised of D_{50}=22.9-cm (9-in.) riprap. The riprap was placed by hand or by mechanical means achieving complete coverage and appropriate grade. A 30.5-cm (12-in.) thick filter layer of washed stone was placed on the upstream face.

Construction of the outlet structures began upon completion of the rock ring filter. An excavator excavated a 248.9-cm (98-in.) diameter hole down 0.6 m (2 ft) into the subgrade. The bottom 30.4 cm (12 in.) was filled with a stone base from where the riser was lowered using a loader (Photos 47 and 48). Using an excavator, a trench was excavated through the berm and road to the preexisting drainage ditch. The trench was dug to a depth that ensured that the head of the 61-cm (24-in.) reinforced concrete pipe discharge pipe inlet and outlet invert elevations were constructed

per design requirements *RADP* (SRNS 2014a). Riprap aprons were then installed as described in Section 2.10.

The 488-2D Ash Basin in its completed configuration will operate as a detention basin. In the interim, until the completion of Phase 2, the 488-2D Ash Basin will operate as detention/ sediment basin and the sediment control float as shown in Photo 48 will remain in place. The temporary rock ring filter(s) have been removed

2.12 Installation of Final Vegetative Cover and Crushed Stone Surfacing

All surfaces disturbed by construction activities received seed, sod, or crushed stone surfacing prior to project completion (Photos 49 and 50).

2.12.1 Topsoil

Topsoil for the 488-4D Ash Landfill and 488-2D Ash Basin was supplied from an off-site source located in Jackson, SC. SRNS performed analytical testing of the topsoil as described in more detail in Section 4.2 and Appendix M. Once the topsoil was sampled, the topsoil was not disturbed (soil added or removed) until evaluation and acceptance of the analytical results.

A 10.2-cm (4-in.) layer of topsoil was placed over the 488-4D Ash Landfill, 488-2D Ash Basin and any other areas disturbed by construction activities that received seed or sod. Prior to topsoil placement, the surface was scarified to a depth of 5.1 cm (2 in.). Topsoil was delivered to the site by dump trucks and either dumped on the scarified surface or staged elsewhere in the area of disturbance until placed. D-6 dozers equipped with GPS were used to place the topsoil in a uniform layer. The topsoil was compacted by the weight of the dozer or other equipment operating on the surface; no other compaction was required. The surface of the topsoil was smoothed by raking or using a drag mat to achieve a uniform surface. Any rocks or sticks were removed prior to seeding or sodding. An As-Built topographic survey (Appendix K.5, As-Built Topsoil Cover Drawings) of the finished topsoil surface was taken prior to installation of sod or seeding. A summary of topsoil quantities is provided in **Table 5**.

Table 5. Summary of Topsoil Quantities

Topsoil Quantities		
Topsoil	**Volume** *(yd^3)*	**Volume** *(m^3)*
488-4D Ash Landfill	11,800	9,022
Area West of 488-4D Ash Landfill	850	650
488-2D Ash Basin	7,900	6,040
TOTAL	**20,550**	**15,712**

Approximate final volumes shown

2.12.2 Sod Installation

Carolina Sodding Services was responsible for installing sod, permanent seed and related materials for the project. Lime and fertilizer were applied to topsoil within 72 hours of topsoil placement and mixed into soil. The soil was wetted prior to sod placement. Sod was transported from delivery trucks to ground surface with track loaders. The sod was placed on topsoil so that sod to soil contact was maintained over the entire area and joints were staggered. Laborers used rakes and machetes to tighten seams and trim and patch areas. After installation, the sod was rolled with a lawn roller perpendicular to the direction it was laid. Newly installed sod was watered to wet the soil to a 7.6-cm (3-in.) depth. Watering was performed as required by weather conditions at the time of installation of sod/seed utilizing travelling irrigation systems. A total of ~15.4 ha (38.1 ac) of sod was placed (Photos 49 and 50).

2.12.3 Seed Installation

Seed was planted by mechanical spreader at the rate and mixture stated in the specification for the time of year the seed was planted. Seeded areas were lightly dragged to cover seeds and maintain a surface free of ridges and depressions. Straw mulch was placed at a rate of 1,814.4 kilograms (kg) (4,000 pounds [lbs.]) per acre within 24 hours of seed placement. Mulch was anchored 7.6 cm (3 in.) into soil with a disc or other farm implement. Soil was maintained in a moist condition until acceptance by SRNS.

2.12.4 Crushed Stone Surfacing Installation

Crushed stone surfacing was placed in areas around the project site as specified in the design drawings (Photo 50). The width and depth of gravel paving was installed per design requirements *RADP* (SRNS 2014a). Vibratory compactors were used to construct a dense uniform surface.

2.13 Demobilization

Envirocon was the successful bidder of the Phase II contract for the project. As such, As-Builts, final submittals, and contractor closure documents comprised the majority of the effort for the completion of the Phase I project scope.

2.14 CERCLA Sanitary Waste

Waste management (handling, disposal and consolidation) and transportation of construction generated wastes) has met the requirements of Federal and State regulations and applicable SRS manuals and procedures (e.g., SRS 3Q Manual, Environmental Compliance Manual [SRNS 2014j]; SRS C1 Manual [SRNS 2014k], Environmental Restoration Administrative Procedures, etc.). Waste reduction and recycling techniques were utilized as necessary for waste minimization.

Shipment of waste and construction debris (including preparation, packaging, and appropriate certifications) to disposal facilities were performed in accordance with the SRS 3Q Manual (SRNS 2014j) and the project specific *Waste Management Plan for the 488-4D Landfill and 488-2D Ash Basin Removal Action* (SRNS 2014h). The Generator Certification Official was responsible for ensuring the proper shipping manifests were available. Appendix G contains the verification documents for the CERCLA Off-Site Acceptability of Three Rivers Landfill.

Table 6 provides detail of waste stream activity and waste description.

Table 6. Waste Streams

Activity	Waste Description	Approximate Volume (Tons)	Approximate Volume (Metric Tons)
Sluice Line Removal	Ceram Core® Pipe, 8-inch Carbon Steel Pipe, 6-inch PVC, Wood Support Poles	164	149
Phase 1 Clearing and Grubbing	Root balls, Stumps, Misc. Vegetation	448	406

3.0 DEVIATIONS FROM ORIGINAL DESIGN

There were fourteen deviations from the original design that occurred during the removal action. These design changes were all minor in nature and did not result in any major cost or schedule impact. **Table 7** provides a summary of the deviations.

Table 7. Summary of Design Changes/Deviations (Note 1)

Item	Deviation (Note 1)	Reason (Note 2)
1	Permanent Access Ramp into 488-2D	Support future maintenance activities.
2	Use of Drying Agents	Approve the use of "Calciment" as an aid in the drying of ash in the 488-4D Ash Landfill. See Note 3 (SCDHEC 2015b).
3	Marlee Float Skimmer	At the request of the contractor revised the Faircloth Skimmer to a Marlee Float Skimmer. The Marlee Skimmer is on the South Carolina Department of Transportation Qualified Products List and meets design requirements *RADP* (SRNS 2014a).
4	Changed Permanent Grassing on 488-2D Western and Southern Berms to Stone Aggregate	Exceeds requirements. Change at the convenience of the subcontractor to meet completion dates.
5	Permanent Access Ramp on lower (3 to 1) Slope 488-4D Landfill	Support future maintenance activities.
6	Geotextile used for aprons, check dams, temporary construction entrances, etc.	MIRAFI 1100N was specified in the design requirements *RADP* (SRNS 2014a). The contractor requested the approval of an equal product Terra Tex N10.
7	Rip Rap Spec Change	D_{50} = 12-inch rip rap was not readily available from local suppliers. The requirement was revised to GADOT D_{50} = 9-inch rip rap.

Table 7. Summary of Design Changes/Deviations (Note 1) *(Continued/End)*

Item	Deviation (Note 1)	Reason (Note 2)
8	Revise requirement from Abandon 24 in. Pipe and Fill with Concrete to Remove and Backfill	For contractor convenience. Meets design requirements *RADP* (SRNS 2014a).
9	Revise Surface Drainage System Piping Type	Initial subsurface drainage (SSD) piping type called out in the design was not available.
10	Sub Surface Drainage System Bedding	Initial bedding material called out in the design did not allow for proper support of the subsurface drainage pipe.
11	Change 488-2D Basin Bottom Grassing to Sodding	Exceeds requirements. Change at the convenience of the subcontractor to meet completion dates.
12	Revised the North Side 488-4D Cover. Termination and Tied into the Existing 488-D Cover	During rough grading along the north side of 488-4D in preparation for construction of the current closure cap design, additional ash was discovered to exist beyond the northern limits of cover. Since the currently designed 488-4D cover did not interface with the existing closure cap of 488-D to the north, this additional ash would not be covered by a closure cap. See Note 3 (SCDHEC 2015b and USDOE 2015).
13	Revised SSD Drain Details	To bring in line with recommended manufactures' most current details. See Note 3 (SCDHEC 2015b and USDOE 2015).
14	Relocation of the 488-2D West Berm Outlet Structure.	Ash was identified in the northwest corner of the 488-2D requiring removal of a portion of the berm. The outlet structure was relocated to mitigate cost and schedule issues.

Notes:
1) The deviations listed are in no specific order.
2) All changes were evaluated and approved by Design Engineering.
3) Changes noted were also approved by SCDHEC (Appendix H).

4.0 VERIFICATION SURVEYING, PERFORMANCE STANDARDS, AND CONSTRUCTION QUALITY CONTROL

To ensure the "Performance Requirements and Standards" were achieved, the Project Team personnel comprised of SRNS Area Completion Projects (ACP) Engineering, Project Management, Quality Assurance, Safety, the STRs and Design Engineering performed routine monitoring/surveillance activities, as required by the approved construction procedures. ACP Engineering performed various functions including routine field oversite, verification of sampling results, sampling data management, and evaluation and acceptance of the analytical results. SRNS Quality Assurance performed surveillances of subcontractors as required by the SRNS Quality Assurance Program. Dedicated SRNS STRs were assigned to follow all work throughout the construction/removal process. The Envirocon professional engineer (PE) stamped and signed

letters certifying that the construction activities for the 488-2D Ash Basin and 488-D Ash Landfill were completed in accordance with design specifications *RADP* (SRNS 2014a) and are included in Appendix I.

4.1 Design Engineering Title III Construction Support Activities

SRNS Design Engineering provided Title III Construction Support throughout the construction phase of the project. The following elements of work were included in the project as Design Engineering Title III Construction Support activities:

- Review and evaluation of all proposed deviations for the original "Detailed Design" for conformance with regulatory requirements, codes, and standards;
- Review of all vendor drawings and submittals for conformance with the approved design requirements *RADP* (SRNS 2014a) and drawings;
- Inspection of the construction contractor's workmanship, materials, and equipment and reporting on their conformance or nonconformance with the approved drawings and specifications;
- Verification of field test (compaction/proof rolling), laboratory tests, manufacturer's testing as necessary to ensure that construction materials and practices are in accordance with the approved drawings and specifications;
- Verification of the incorporation of all approved as-built record drawings: and
- Verification that planned quality control measures were implemented and evaluated the results of those measures to ensure that the work was completed in accordance with the approved plans and specifications.

Based on the reviews, inspections, and verifications by Design Engineering, the project team and the Envirocon PE stamped and signed letters (Appendix I). All construction activities for the 488-2D Ash Basin and 488-D Ash Landfill were completed in accordance with design requirements *RADP* (SRNS 2014a). The data identified below is included in the appendices of this document and provides documented evidence for the project requirements.

Volume II

- APPENDIX N: GCL GDL DATA AND DOCUMENTATION
  - Appendix N.1: GCL GDL Testing Laboratory Information
  - Appendix N.2: GCL GDL Contractor Acceptance Report

- APPENDIX O: GCL DATA AND DOCUMENTATION
  - Appendix O.1: GCL Manufacturing Quality Control Documentation
  - Appendix O.2: GCL Installer Qualifications Documentation
  - Appendix O.3: GCL Manufacturer's Experience Qualification
  - Appendix O.4: GCL Material Specifications and Installation Instructions
  - Appendix O.5: GCL Manufacturer's Certifications and Test Data
  - Appendix O.6: GCL Conformance Test Reports

- APPENDIX P: GDL DATA AND DOCUMENTATION
  - Appendix P.1: GDL Manufacturing Quality Control Documentation
  - Appendix P.2: GDL Installer Qualifications Documentation
  - Appendix P.3: GDL Manufacturer's Experience Qualification
  - Appendix P.4: GDL Material Specifications and Installation Instructions
  - Appendix P.5: GDL Manufacturers Certifications and Test Data
  - Appendix P.6: GDL Conformance Test Reports

- APPENDIX Q: SOIL TEST DATA AND DOCUMENTATION
  - Appendix Q.1: Soil Testing Laboratory
  - Appendix Q.2: Soil Gradation and Proctor Reports
  - Appendix Q.3: Area Wide Compaction Reports

Volume III

- APPENDIX R: ASH PROOF ROLL ACCEPTANCE REPORTS
- APPENDIX S: COVER ACCEPTANCE REPORTS
  - Appendix S.1: 6- Inch Subgrade Acceptance Reports
  - Appendix S.2: GCL Panel Placement Reports
  - Appendix S.3: GDL Panel Placement Reports
  - Appendix S.4: 20-Inch Compaction Report
  - Appendix S.5: Cover Thickness Verification Data

4.2 Fill Material and Topsoil Evaluation

Soil samples were collected from two source areas and evaluated per the requirements of the *SRS Fill and Soil Cover Material Verification Protocol* (WSRC 2003). These two areas are the

Common Fill Borrow Site located near D Area at the SRS, and the Jackson Stockpile located outside the SRS boundary in Jackson, South Carolina. The soil was used as fill material and/or top soil for the 488-2D Ash Basin and the 488-4D Ash Landfill. The evaluation concluded that the soil from both of these source areas met the requirements for use as fill material/top soil under an unrestricted (residential) land use scenario. The supporting text and documentation are located in Attachment M.

4.3 Confirmation Sampling (488-2D Basin and Area West of 488-4D)

Confirmation sample results were evaluated to demonstrate that the ash has been successfully removed from the 488-2D Ash Basin and the Area West of the 488-4D Ash Landfill. The confirmation sampling was conducted in accordance with the *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site* (SRNS 2013) and the *Field Sampling Plan for the 488-2D Ash Basin* (SRNS 2014f). The confirmation sampling results were formally assessed in the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin* (SRNS 2016a). This evaluation identified several uncertainties which lead to the conclusion that the results were indeterminate with regard to meeting acceptance criteria for unrestricted (residential) land use. The report acknowledged that land use controls to prevent unrestricted use would need to be implemented at the 488-2D Ash Basin and Area West of the 488-4D Ash Landfill to manage these uncertainties, as well as to protect the overall infrastructure and maintenance of the D-Area Operable Unit closure. The *Data Usability Report for Confirmation Sampling at the 488-2D Ash Basin* is presented in Appendix U.

5.0 VERIFICATION OF CONSTRUCTION COMPLETION AND FINAL INSPECTION

5.1 Verification of Construction Completion

Per Section 4.0, construction activities required for the removal action have met the acceptance criteria established in the approved *RSER for the D-Area Ash Basin (488-2D)* (SRNS 2014b), *RSER/EE/CA for the D-Area Ash Landfill 488-4D* (SRNS 2014c), *RADP* (SRNS 2014a), *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site* (SRNS 2013) and *Field Sampling Plan for the D-Area 488-2D Ash Basin* (SRNS 2014f). The

results of the analytical sampling and construction testing have been documented and the records were on file in SRS Environmental Restoration Data Management System and in the attachments included in this report.

The performance requirements were verified as meeting the Data Quality Objectives (DQOs) documented in the *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site* (SRNS 2013). The DQO process is a series of logical steps that guides managers or staff to a plan for the resource-effective acquisition of environmental data. The DQO process was used to establish performance and acceptance criteria, which served as the basis for designing a plan for collecting data of sufficient quality and quantity to support the goals of the project. Use of the DQO process lead to efficient and effective expenditure of resources; consensus on the type and quantity of data needed to meet the project goal; and the full documentation of actions taken during the development of the project. The DQO process is a series of seven (7) planning steps based on the scientific method (Section 3 in SRNS 2013) and is detailed in USEPA Guidance (USEPA 2006). The *Data Usability Report for Confirmation Sampling at the 488-2D Ash Basin* is presented in Appendix U.

5.2 Final Inspection

A final walk down inspection with participation of USDOE, USEPA, SCDHEC and SRNS was performed on November 3, 2016 (Appendix F, USDOE 2016). The personnel present observed and discussed the construction activities within the 488-2D Ash Basin and the 488-4D Ash Landfill. The final walk down inspection included:

488-4D Ash Landfill

- All ash within the scope of the 488-2D *RSER* (SRNS 2014b) and 488-4D *RSER/EE/CA* (SRNS 2014c) has been consolidated and placed within 488-4D Ash Landfill.
- All construction activities for the installation of the SCDHEC Class Three Landfill cover have been completed.
- The location of the four groundwater monitoring wells (one up gradient and three down gradient) were identified along with the schedule for installation. Installation of the wells has been completed.

- The SCDHEC Bureau of Land and Waste Management and other participants observed the interior of the installed active stormwater catch basin located off the northeast corner of 488-4D Ash Landfill to confirm proper installation.
- The NTCR action for the 488-4D Ash Landfill is complete.

488-2D Ash Basin

- Ash within the 488-2D Ash Basin bottom has been removed from the basin.
- Confirmatory sampling has been completed and all data has been incorporated into the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin* (SRNS 2016a).
- Soil cover and sod installation were completed per the *RADP* (SRNS 2014a)
- Sediment control floats (Photo 48) will remain on the discharge structures throughout the 488-1D Ash Basin construction project.
- The TCR action for the 488-2D Ash Basin is complete.

6.0 AS-BUILT DOCUMENTATION

6.1 As-Built Drawings

As-built documentation for the project as described below is included in Appendix K.

- As-built Ash Layer
- As-built 6 in. Common Fill Layer
- As-built GCL Liner
- As-built GDL Layer
- As-built Topsoil Cover
- As-built SSD & Utilities
- As-built Final 488-4D & 488-2D

6.2 Well Modifications

All well installations and abandonments were coordinated with SCDHEC. SCDHEC approvals are provided in Appendix T.1 (SCDHEC 2014c, SCDHEC 2015c, SCDHEC 2016a and SCDHEC 2016b and SCDHEC 2016c).

A total of five (5) wells (DCB 16R, DCB 47C, DCB075, DCB076 and DCB 13R) were abandoned for the construction activities related to the Phase 1 (488-4D Ash Landfill and

488-2D Ash Basin) removal activities. The wells were abandoned on September 2, 2014, in accordance with SRS Manual 3Q1, *Environmental Requirements and Program Documents*, Procedure 9010, *Well Abandonments*. Well Abandonment Reports for these wells are included in Appendix T.3 (SRNS 2014l and SRNS 2016b).

Four replacement wells (DCB077, DCB078, DCB079 and DCB080) were installed around the 488-4D Ash Landfill. The monitoring well installation reports and well development field parameters for these groundwater monitoring wells are included in Appendix T.2 (SRNS 2017). Figure 4 show both new and abandon wells around the 488-4D Ash Landfill.

7.0 POST CONSTRUCTION ACTIVITIES

Interim post-construction activities completed for the 488-2D Ash Basin and the 488-4D Ash Landfill removal actions as defined in the *RADP* (SRNS 2014a) include the following:

- The 488-4D Ash Landfill will be maintained and inspected quarterly in accordance with the 488-4D Landfill Closure Plan.
- The 488-2D Ash Basin will be maintained and inspected quarterly as part of the storm water management system associated with the 488-4D Ash Landfill.
- The site will also be inspected following any rain event 2.5 cm (1 in.) or greater within a 24-hour period for one year following the final walk down inspection by the USDOE, USEPA, and SCDHEC (*RADP*, SRNS 2014a).

Removal actions for the 488-2D Ash Basin and 488-4D Ash Landfill are complete and the removal action goals have been met. An Early Action Statement of Basis/Proposed Plan for the DAOU is scheduled for submittal in February 2018 and will document that the preferred remedial action for the 488-2D Ash Basin and 488-4D Ash Landfill are LUCs. The selected remedial action will be documented in a Second Early Action Record of Decision for the DAOU scheduled for issuance in June 2019.

The 488-4D Ash Landfill will be maintained and inspected quarterly in accordance with the 488-4D Landfill Closure Plan until the DAOU Early Action LUCIP is approved and implemented. This quarterly inspection will include the 488-2D basin as part of the storm water management

system associated with the 488-4D Ash Landfill. In addition to quarterly inspections, the site will also be inspected following any rain event 2.5 cm (1 in.) or greater within a 24-hour period for the first year following the core team walk down and acceptance *RADP* (SRNS 2014a). Groundwater monitoring will be completed in accordance with the D-Area Groundwater Operable Unit regulatory agreements.

8.0 PROJECT COSTS

The final cost associated with the removal action of Phase 1 of the project was $19,877,058 (i.e., direct and indirect costs). This was ~20.2% higher than the cost estimate of $16,533,564 combined totals of cost presented in the 488-2D Ash basin *RSER for the D-Area Ash Basin (488-2D)* (SRNS 2014b) and *RSER/EE/CA for the D-Area Ash Landfill 488-4D* (SRNS 2014c).

The primary elements that contributed to the increase in the direct cost of $1,279,722 (+13.9%) included:

- Under Earned Value Management System all historical cost, e.g. early maintenance activities related to the project including total cost of the sluice line removal, borrow pit development, and road enhancements etc. are included in the actual cost as shown in **Table 8**. These historical costs were not included in estimates in the *RSER for the D-Area Ash Basin (488-2D)* (SRNS 2014b) and *RSER/EE/CA for the D-Area Ash Landfill 488-4D* (SRNS 2014c).
- Additional construction cost related to the redesign of the northern and eastern sides of the 488-4D Ash Landfill cover and additional ash removal.
- Additional ash removal, including the cost of backfilling.

The major increase was related to the indirect cost which was $2,063,722 (+28.2%) greater than expected (Table 8). This increase is primarily related to the implementation of the DOE Order 413.3B criteria for Capital Asset Projects. Based on the Total Project Cost several independent assessments were required by USDOE Headquarter organizations. Additional information is included below on the increased costs:

- Implementation of the DOE Order 413.3B for the project required additional project management support, increased number of Cost Account Managers and an increased number of Project Control personnel.

- The cost related to additional sampling, analysis, and reporting.

- The inclusion of the historical conceptual design cost not accounted for in the estimates in the *RSER for the D-Area Ash Basin (488-2D)* (SRNS 2014b) and *RSER/EE/CA for the D-Area Ash Landfill 488-4D* (SRNS 2014c).

Table 8. Project Cost Comparison

Project Cost Comparison			
Cost Element	**RSER Estimated Cost** *($)*	**Actual Cost** *($)*	**Delta Cost** *(%)*
Direct Costs	$9,218,231	$10,498,003	+13.9
Indirect costs	$7,315,333	$9,379,055	+28.2
Total Project	**$16,533,564**	**19,877,058**	**+20.2**

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WSRC, 2003. *SRS Fill and Cover Material Protocol (U)*, ERTEC-2003-00012, December 2003, Westinghouse Savannah River Company, Savannah River Site, Aiken, SC

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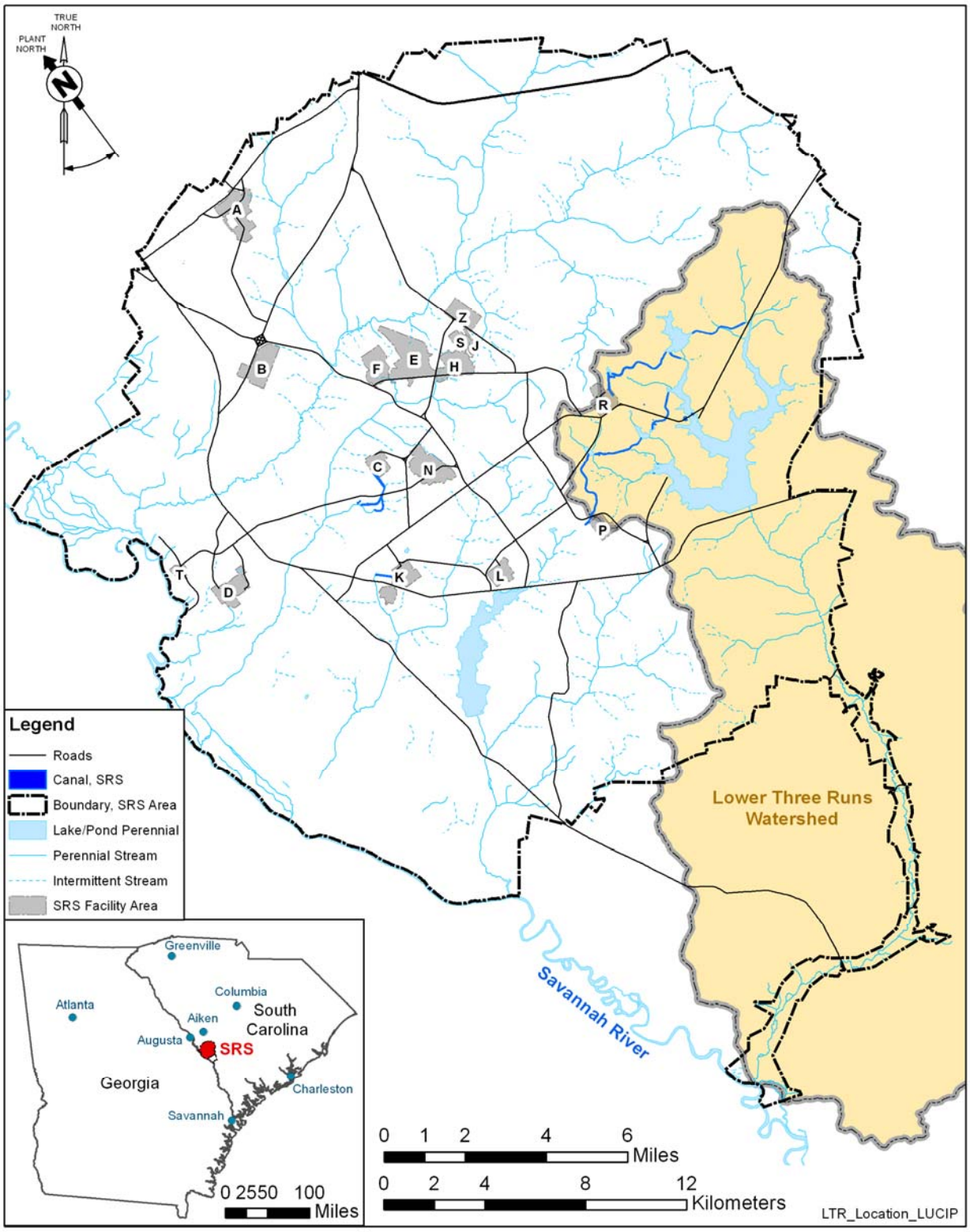


Figure 1. Location of the Savannah River Site

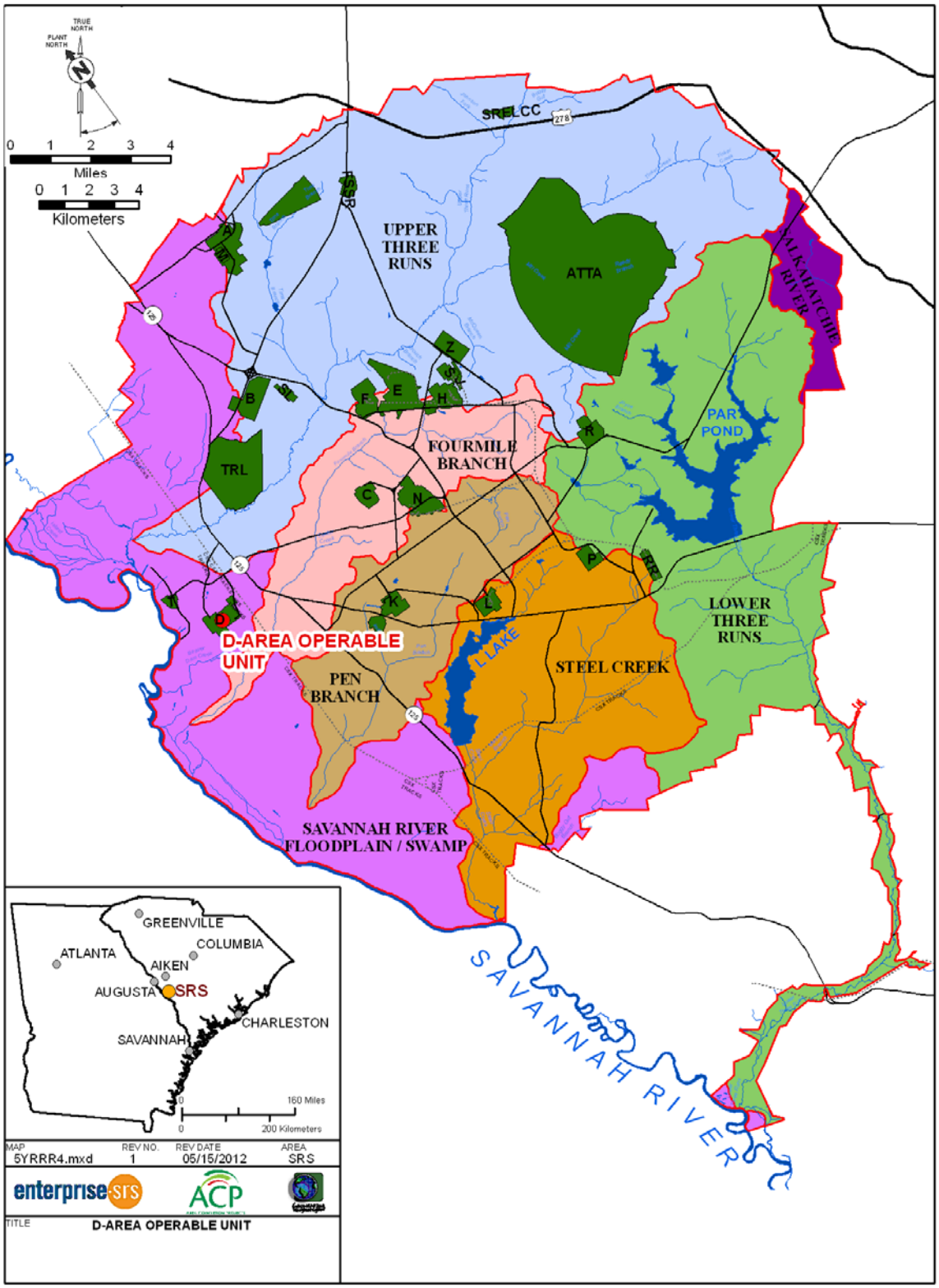


Figure 2. Location of D-Area Operable Unit at the Savannah River Site

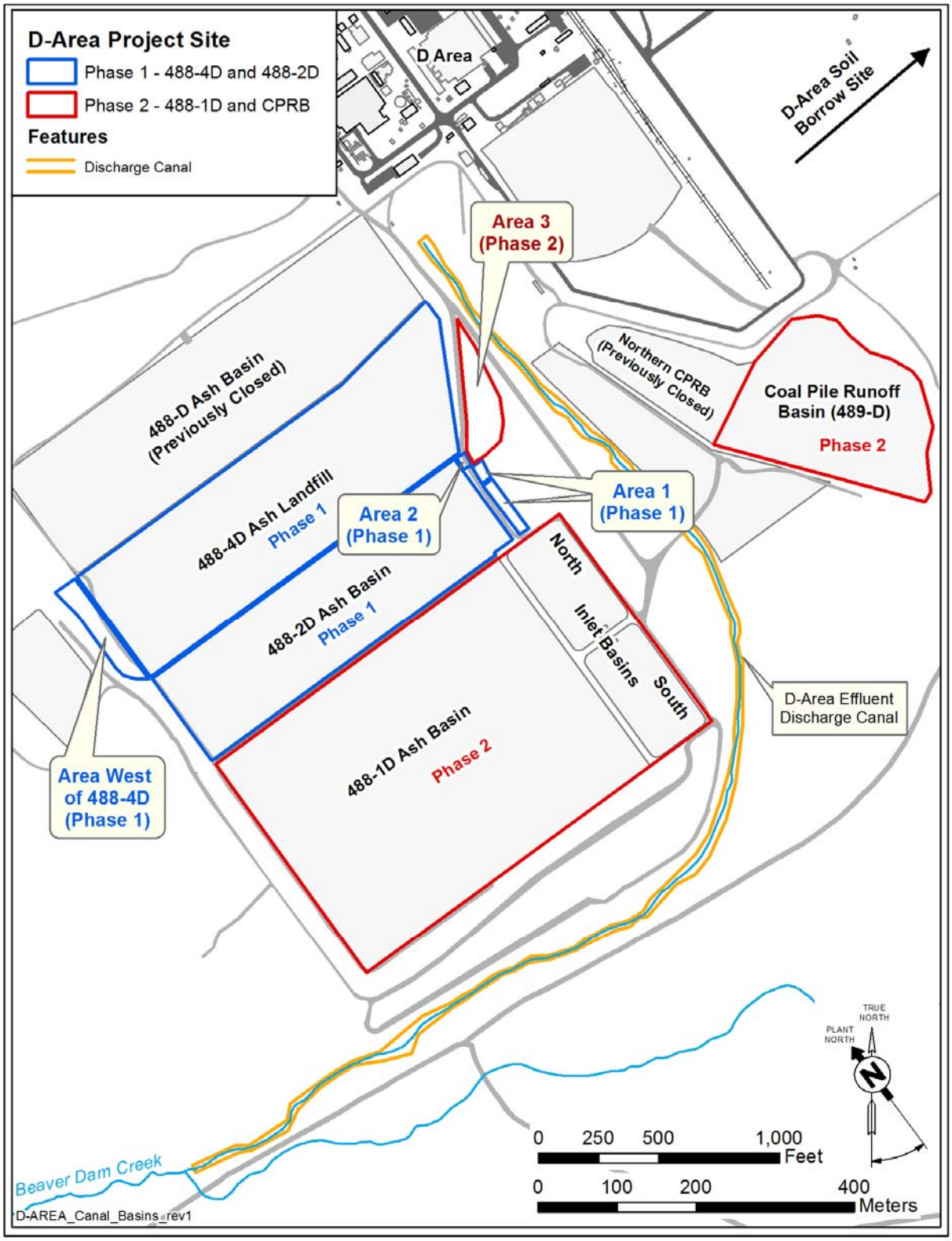


Figure 3. D-Area Project Site

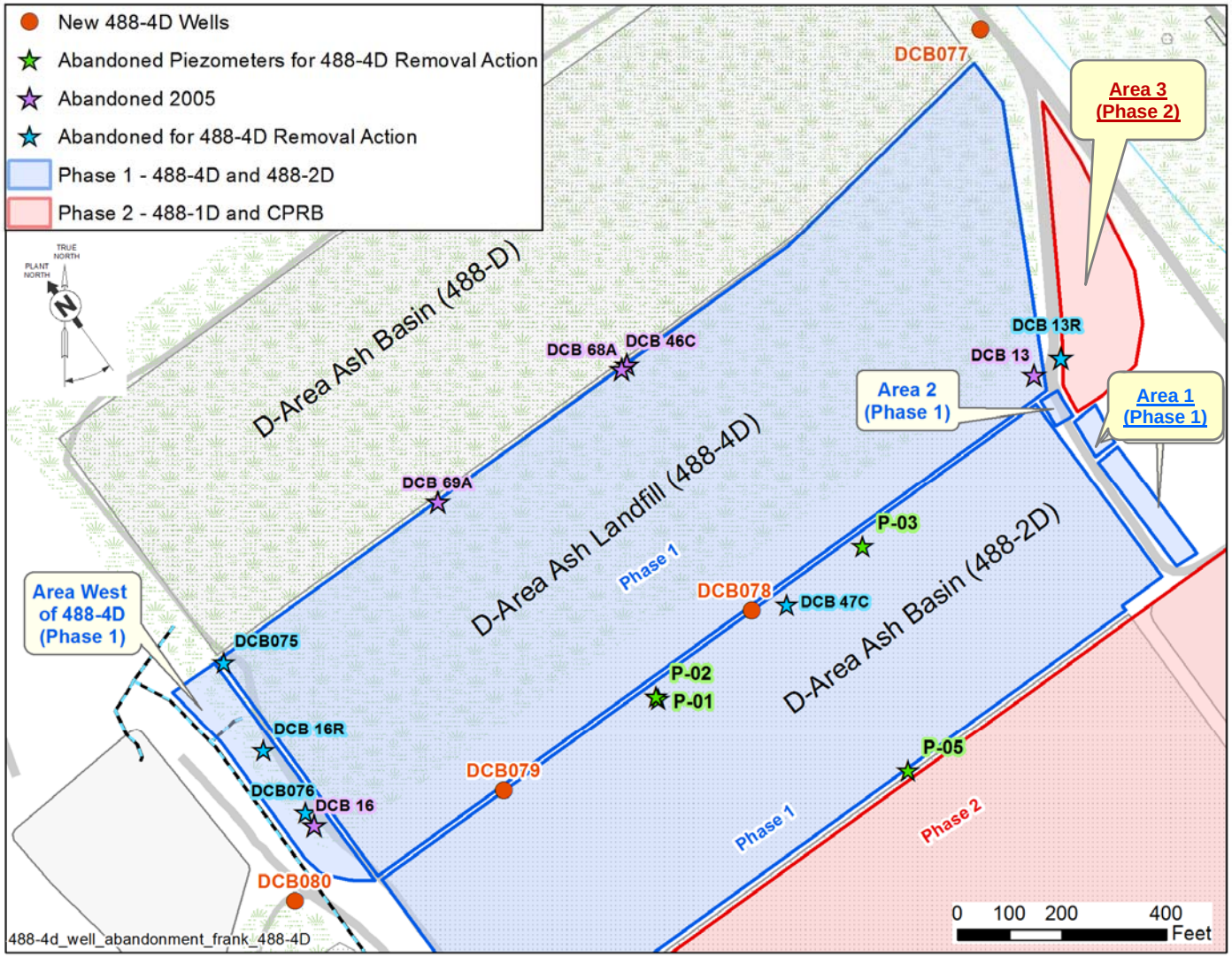


Figure 4. Location of D-Area Operable Unit at the Savannah River Site

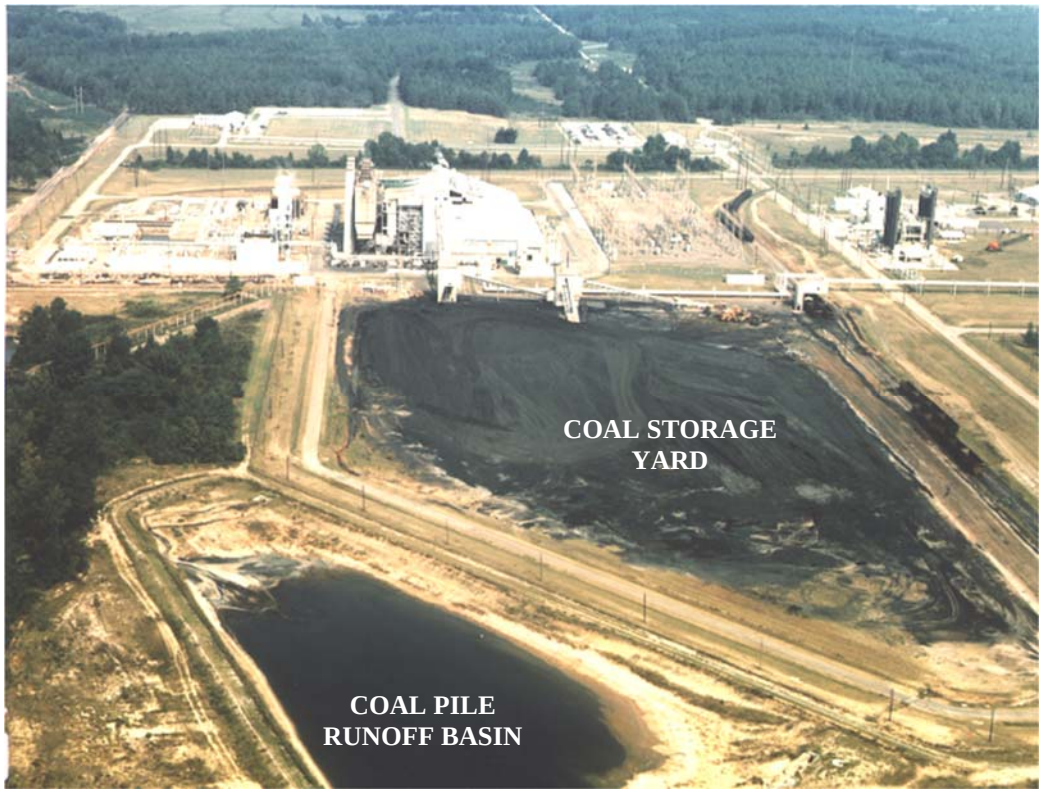


Photo 1. Historical Photo of D Area (1) 1982

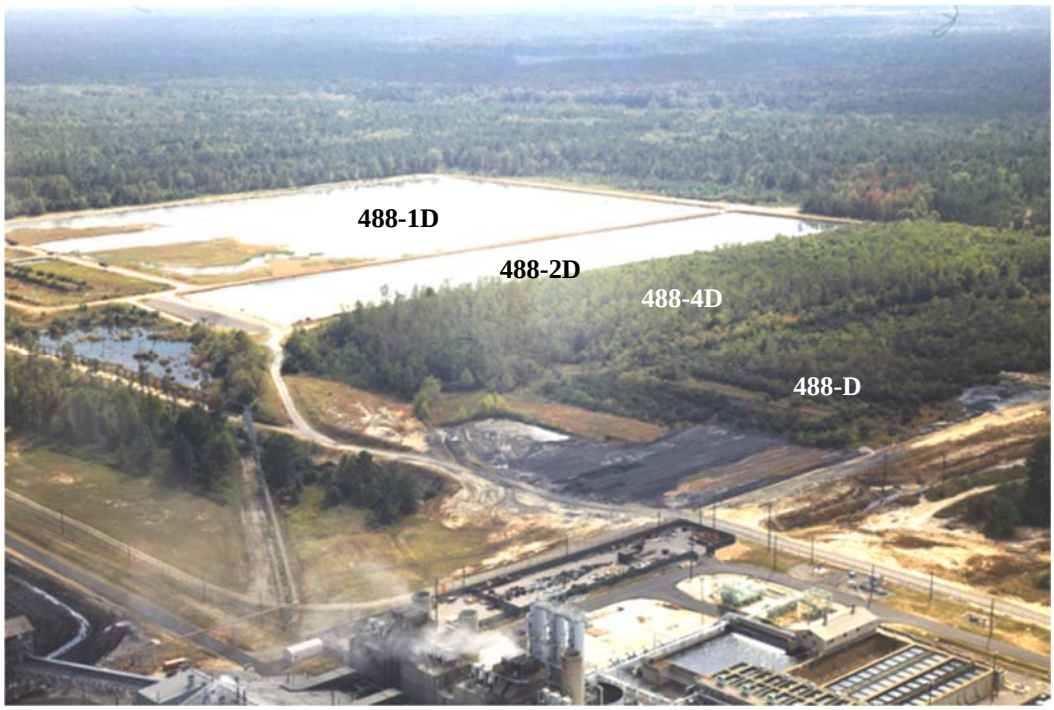


Photo 2. Historical Photo of D Area (2) 1984

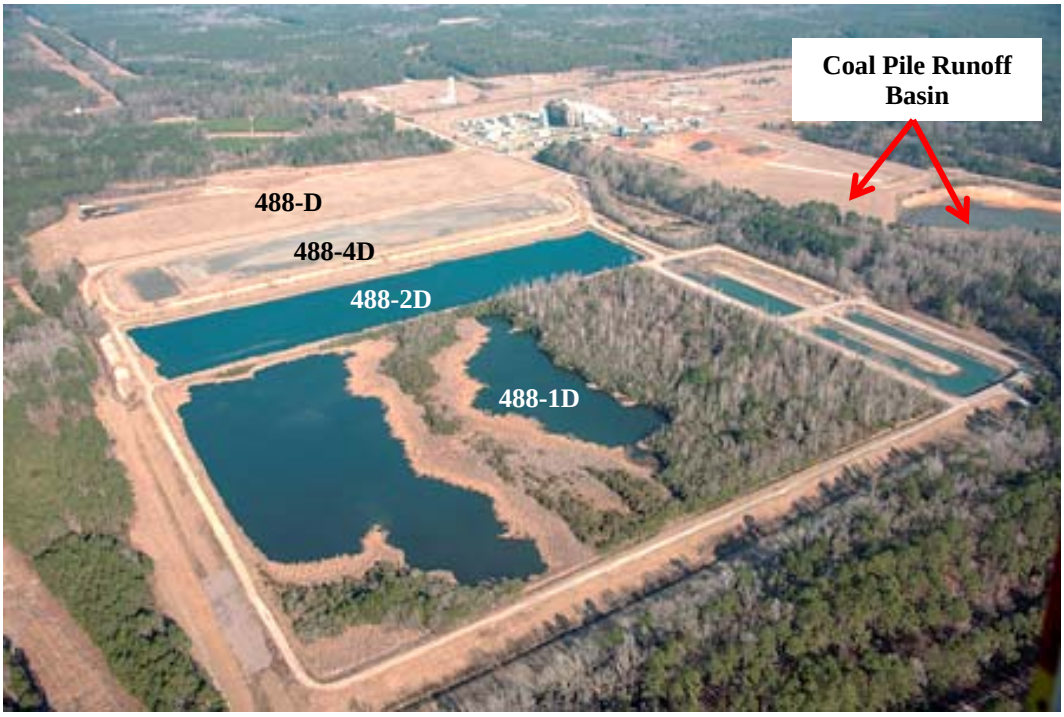


Photo 3 Preconstruction January 2013



Photo 4. Dozer (Cat D-6)



Photo 5. Excavator (Komatsu 490)



Photo 6. Articulating Haul Truck (Volvo A40F 30 CY)



Photo 7. Water Truck (4000 gallon)



Photo 8. Roller (Smooth Drum)



Photo 9. Roller (Sheep's Foot)



Photo 10. Utility Compactor



Photo 11. Front End Loader (Komatsu 450)



Photo 12. Motor Grader (Volvo G930B)



Photo 13. Motor Grader Ripper



Photo 14. Tracked Sod Installer



Photo 15. GPS Satellite Station



Photo 16. GPS Equipped Tracked Excavator



Photo 17. Typical Rock Check Dam



Photo 18. Catch Basin with Straw Waddle and Silt Fence



Photo 19. Silt Fence Inspection



Photo 20. Start of Clearing and Grubbing 488-4D West End



Photo 21. Grubbing 488-4D East End

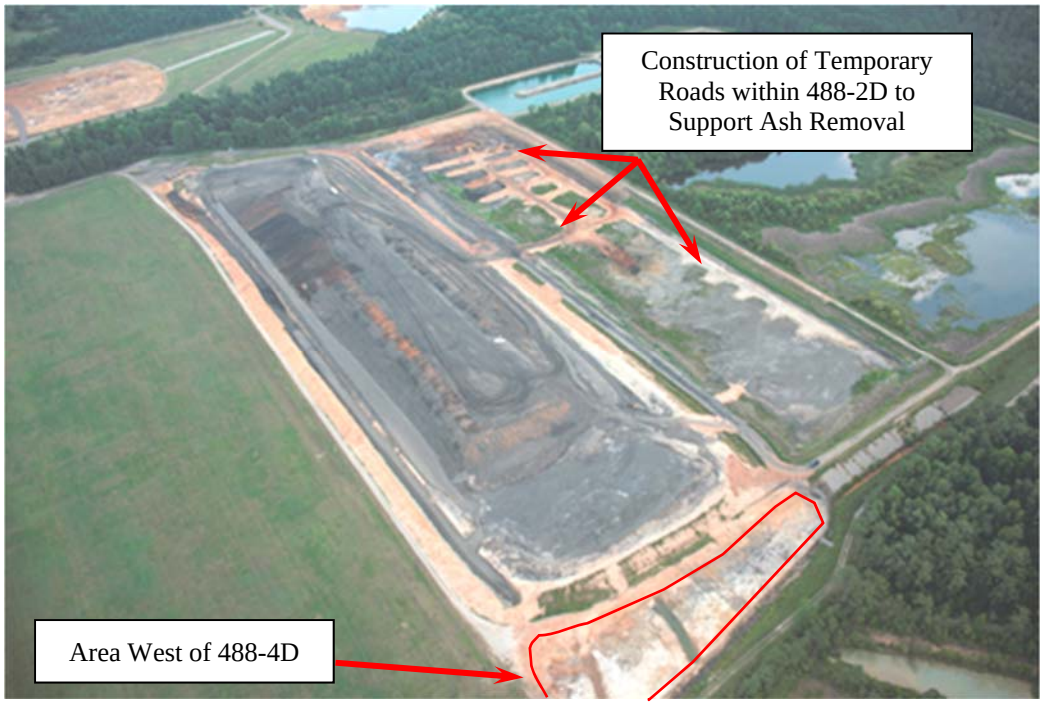


Photo 22. Construction of Temporary Roads within 488-2D



Photo 23. Ash Removal – Working off Temporary Roads in 488-2D



Photo 24. Hauling, Placement and Spreading of Ash in 488-4D



Photo 25. Spreading and Compaction of Ash in 488-4D



Photo 26. Spreading of Calciment Prior to Mixing in 488-4D



Photo 27. Compaction of Ash in 488-4D



Photo 28. Proof Roll Verification



Photo 29. Visual Verification of Ash Removal in 488-2D Basin

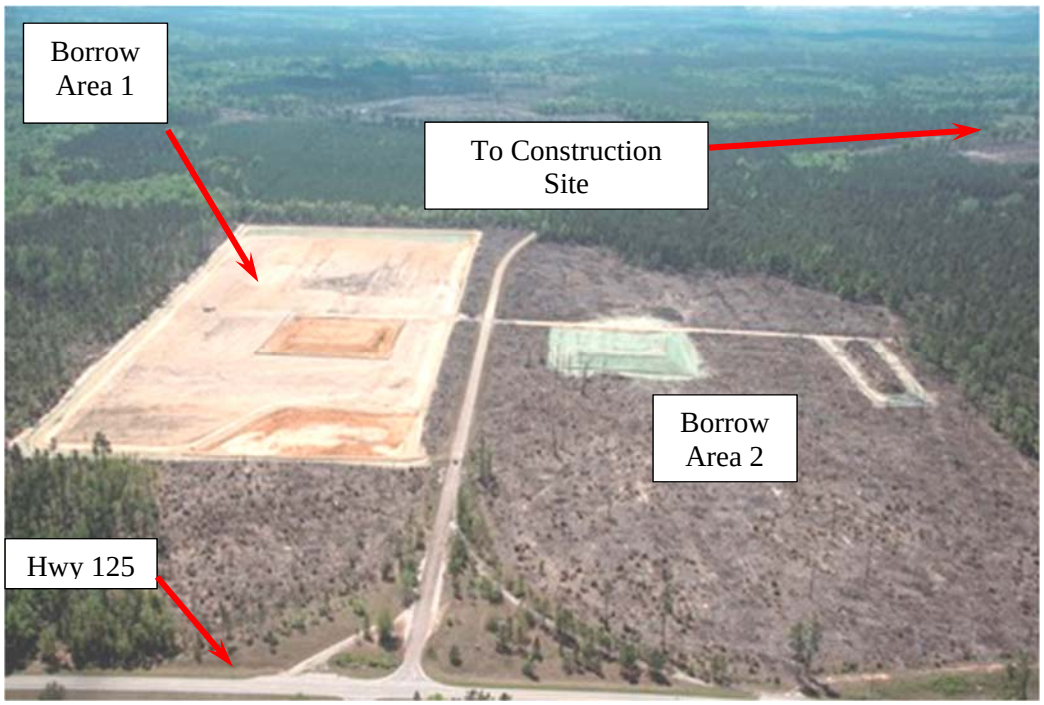


Photo 30. D Area Borrow Site

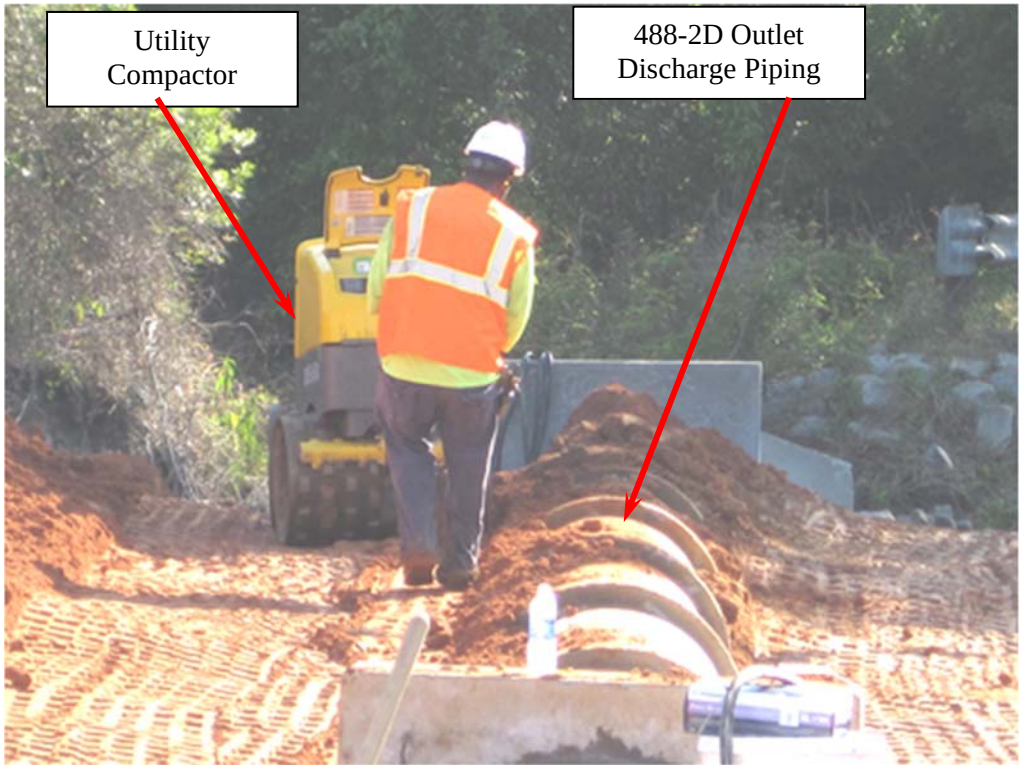


Photo 31. Soil Compaction with Utility Compactor



Photo 32. Spreading of Fill in the 488-2D Basin Bottom

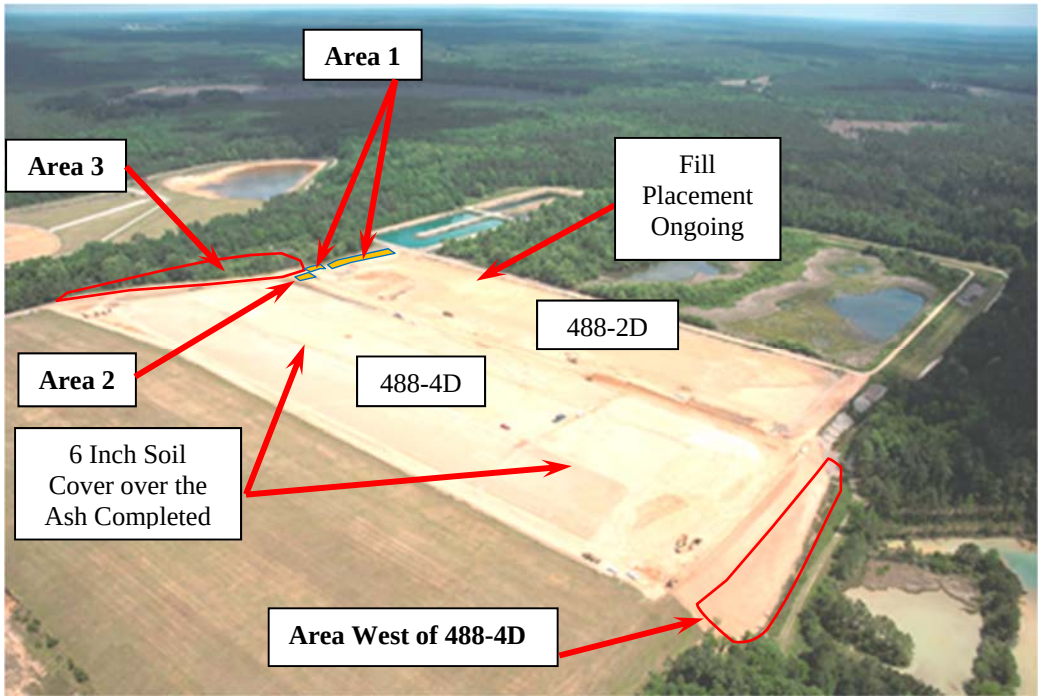


Photo 33. 488-4D/488-2D Fill Placement



Photo 34. GCL Storage



Photo 35. GCL Tie in to Catch Basin Typical

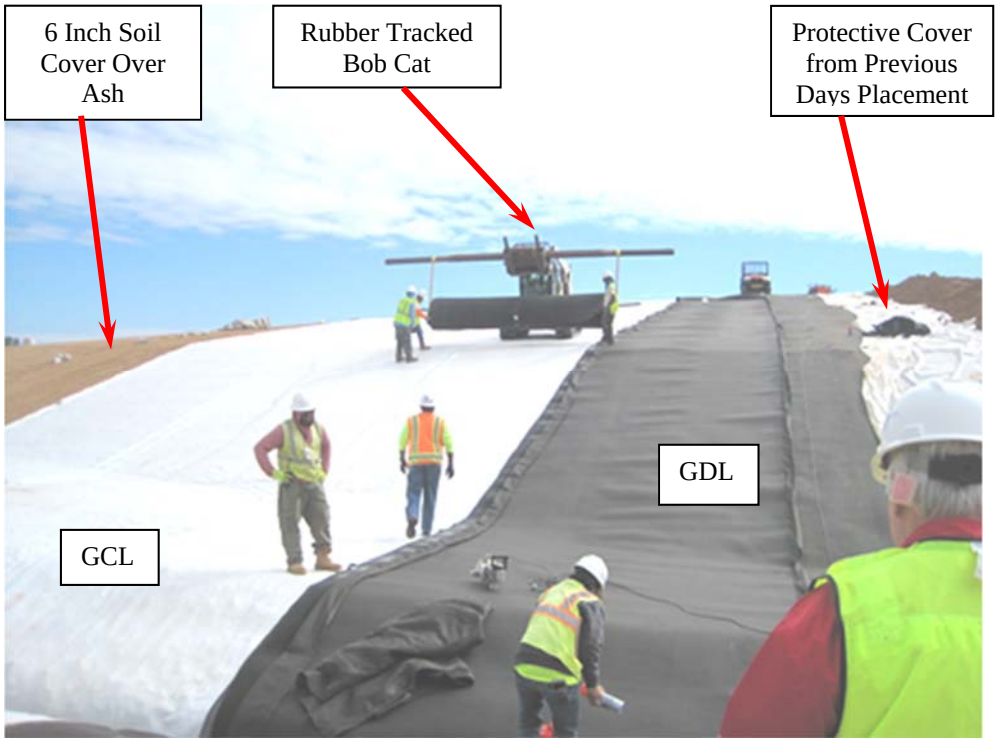


Photo 36. GCL / GDL and Soil Cover Installation 1



Photo 37. GCL / GDL and Soil Cover Installation 2

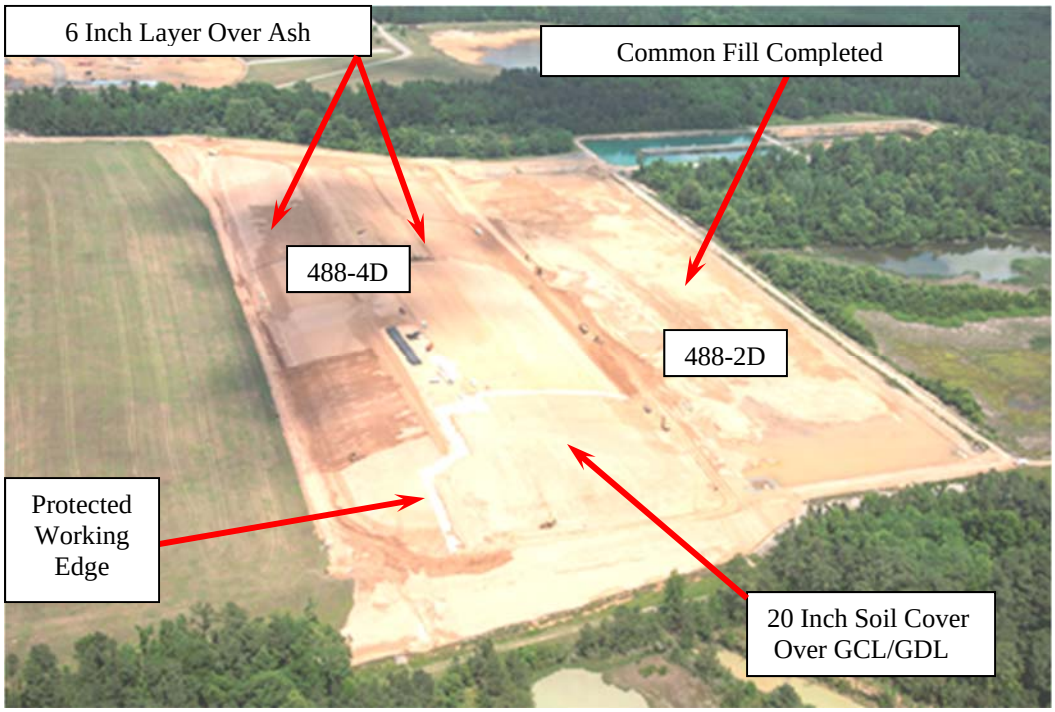


Photo 38. GCL / GDL and Soil Cover Installation 3

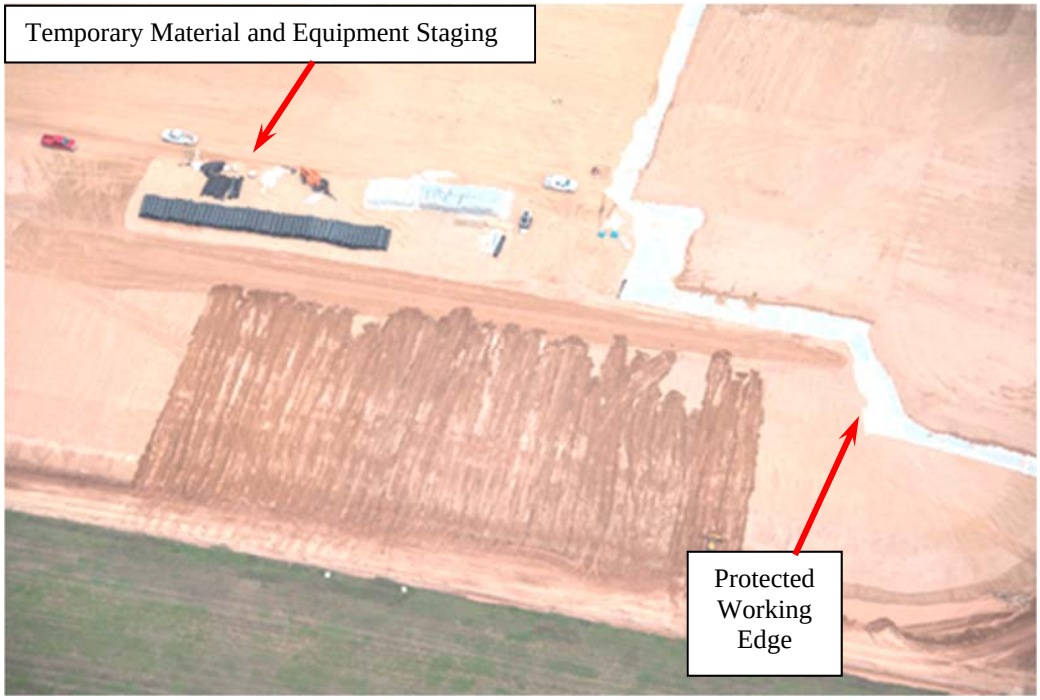


Photo 39. GCL / GDL and Soil Cover Installation 4



Photo 40. Placement of Fill Over GCL/GDL



Photo 41. Initial Placement of Fill over the Geosynthetics

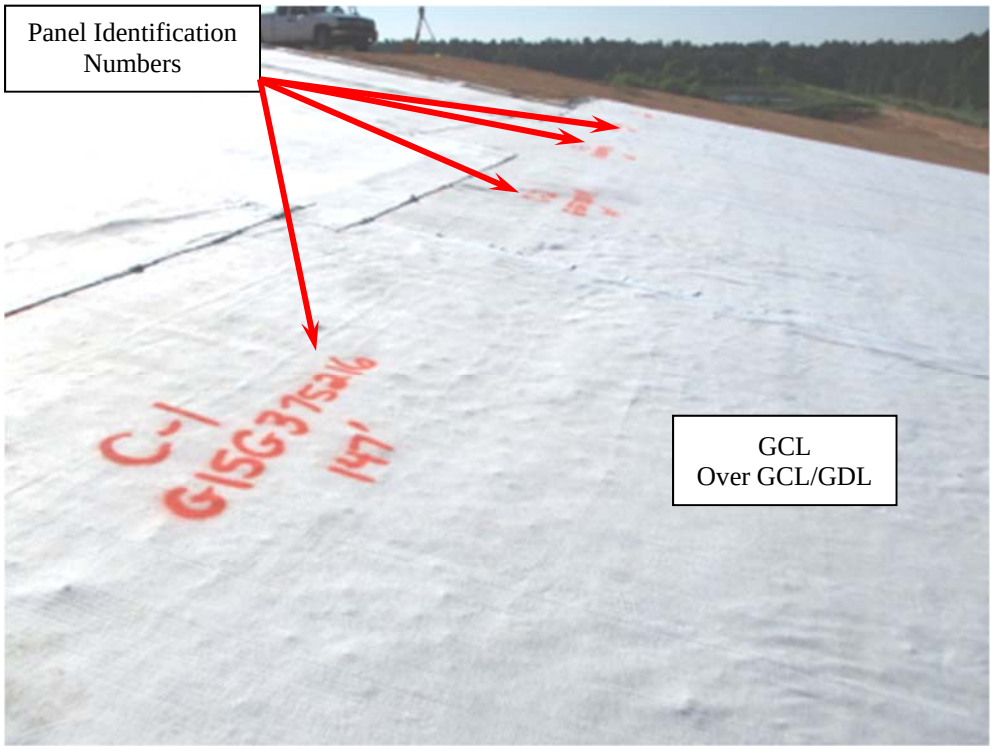


Photo 42. Panel Identification Numbers Typical for both GCL and GDL



Photo 43. Catch Basin # 5 NW Corner 488-4D



Photo 44. Catch Basin South Side 488-4D Typical for 3



Photo 45. Anchor and Sub Surface Drainage Trenches



Photo 46. Riprap Apron



Photo 47. 488-2D Outlet Structure

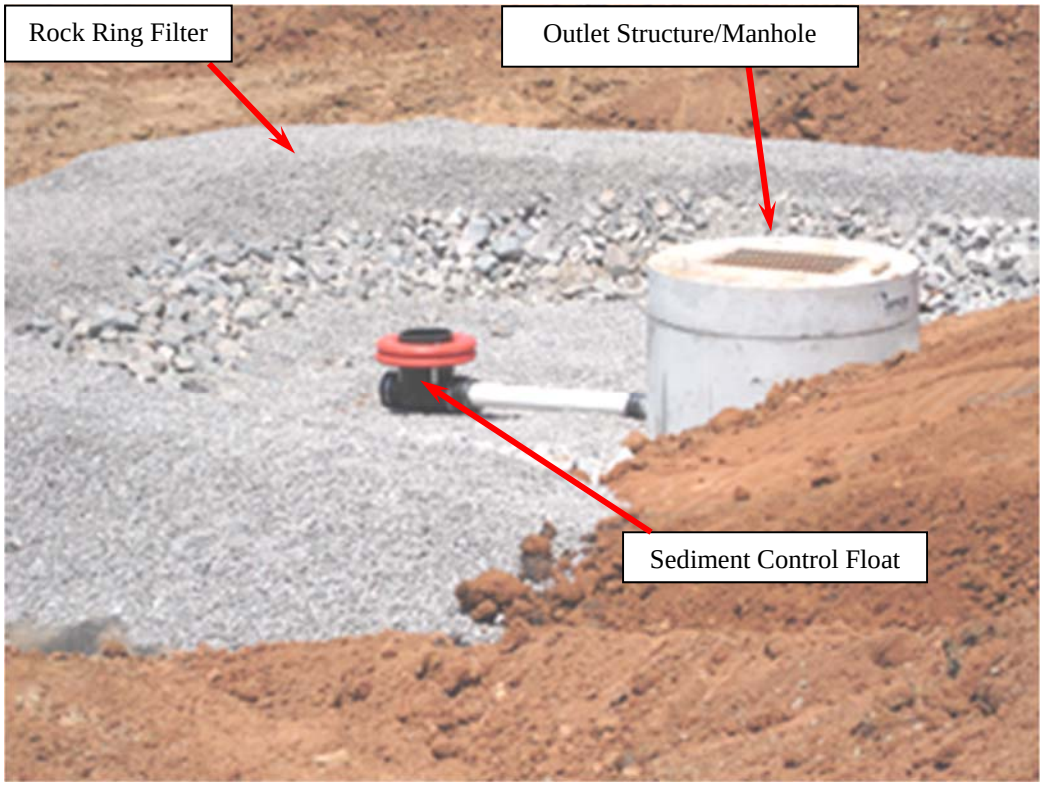


Photo 48. Configuration of 488-2D Outlet Structures During Construction



Photo 49. 488-4D Topsoil and Sod Placement Ongoing



Photo 50. Construction Complete 488-2D and 488-4D

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APPENDIX A

DOE SUBMITTAL – ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY 488-4D

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ARF-19756

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

AUG 11 2014

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Action Memorandum and Responsiveness Summary for the Non-Time Critical Removal Action for the D-Area Ash Landfill (488-4D) CERCLIS Number: 63

Pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Section 300.415(b)(2)(iv) of the NCP that states removal actions shall be considered when *"High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface that might migrate."*, the U.S. Department of Energy (DOE) prepared a Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for the D-Area Ash Landfill (488-4D) (SRNS-RP-2014-00001, Revision 1, June 2014) CERCLIS Number: 63. The regulatory review of the Revision 0 RSER/EE/CA occurred from February 26, 2014 to April 30, 2014. Comments were received from the U.S. Environmental Protection Agency (EPA) on April 30, 2014 and the South Carolina Department of Health and Environmental Control (SCDHEC) on April 23, 2014. On May 30, 2014, the SCDHEC provided two additional comments that were inadvertently omitted from their April 23, 2014 letter. The Savannah River Site's (SRS) responses to EPA's and SCDHEC's comments were incorporated into the Revision 1 RSER/EE/CA, which was made available for public review and comment from June 24, 2014 to July 24, 2014. Comments received during the public comment period are addressed in the enclosed Responsiveness Summary, which will be made part of the Administrative Record. In addition, a notice will be filed in the Environmental Bulletin within two (2) weeks of submittal of the Action Memorandum and Responsiveness Summary to the Administrative Record File/Information Repository File.

The D-Area Operable Unit (DAOU) is one of the area operable units identified at the SRS. DAOU is located in the southwest quadrant of SRS approximately (~) 0.9-kilometers (3,000-feet) east of the nearest site boundary, the Savannah River. The DAOU is ~85 hectares (ha [210 acres {ac}]) and contains surface units and source areas in D Area that potentially pose a threat to human health and the environment. The 488-4D Ash Landfill is a subunit of the DAOU.

ARF-19756

Ms. Susan Fulmer
Mr. Robert Pope

2

AUG 11 2014

The D-Area Powerhouse was built in 1953 and shut down in 2012 after 59 years of operation. The facility burned ~160,000 tons of coal per year during this period. During operation, the powerhouse ash was mixed with water and the slurry was pumped into one of two inlet basins of the 488-1D Ash Basin for settling. Once the ash settled, the dry ash was hauled to the 488-4D Ash Landfill for disposal. As a result of the powerhouse shutdown, operation of the 488-4D Ash Landfill is no longer required.

The 488-4D Ash Landfill is permitted as a Class Two Solid Waste Landfill under Solid Waste Landfill Permit #025800-1602 to accept ash waste for disposal. The location of the 488-4D Ash Landfill is within the DAOU and comprises an area of 6.9 ha (17 ac). All storm water drainage is currently directed into the existing infiltration basin located at the west end of the 488-4D Ash Landfill.

The problems warranting action associated with the coal ash and other materials present within the 488-4D Ash Landfill include the following:

- Arsenic and coal-related radionuclides are historically contaminants of concern in SRS surface ash and may pose a risk for human receptors (future industrial worker risk >1E-06) and ecological receptors.
- There is a potential for migration of contaminants to groundwater for constituents that exceed the regulatory thresholds for a Class Two Solid Waste Landfill.
- Closure of the landfill is required to complete closure of the Solid Waste Landfill Permit #025800-1602.

The removal action objectives for the 488-4D Ash Landfill are:

- Protect future industrial workers and ecological receptors from exposure to arsenic and coal-related radionuclide contaminants to an exposure risk exceeding 1E-06 (or hazard quotient greater than one) in surface ash/soil.
- Prevent migration of potential mobile contaminants to groundwater that could exceed groundwater protection standards.

The preferred removal action for the 488-4D Ash Landfill is Alternative 2, Geosynthetic Cover System, which meets the effectiveness, implementation, cost, and acceptance criteria. The installation of a geosynthetic cover system will comply with SCDHEC Class Three Landfill permeability requirements and provides overall protection to human health and the environment. The geosynthetic cover system will protect groundwater by reducing infiltration into the landfill by rain and storm water and minimize migration of ash contaminants into groundwater. The geosynthetic cover system includes a geosynthetic clay liner (GCL) with a permeability no greater than 1×10^{-5} cm/sec, a geosynthetic drainage layer (GDL), and a vegetative cover consisting of 24 inches of common fill, top soil and vegetation. The ash and other material approved for disposal in the 488-4D Ash Landfill will remain in place under the geosynthetic cover system.

ARF-19756

Ms. Susan Fulmer
Mr. Robert Pope 3 AUG 11 2014

The ash sluice lines that conveyed ash from the powerhouse will be removed as part of this action and disposed of in the 488-1D Ash Basin, 488-4D Ash Landfill and/or an approved disposal facility. Groundwater monitoring and land use controls will be implemented as part of the final remedial action for the D-Area Groundwater Operable Unit and the DAOU, respectively, and is not part of this removal action. A number of groundwater monitoring wells will be abandoned to facilitate construction activities during the removal action and replaced, as necessary, to monitor the effectiveness of the geosynthetic cover system. Materials from the 488-2D Ash Basin (once dewatered), materials from the 489-D Coal Pile Runoff Basin, and pipes/structures/features associated with the landfill operation may be placed in the 488-4D Ash Landfill provided the permitted capacity of the landfill is not exceeded. The final configuration for the storm water management system will consist of a network of perimeter storm drains/structures that gravity drains into the 488-2D Ash Basin. During the construction phase of this action, rain water that accumulates exterior to the current storm water system will be managed as storm water and discharged as necessary.

As part of this removal action, the 488-2D Ash Basin will be converted into a storm water detention structure as a final end state with the basin bottom reconfigured to promote positive drainage from the center of the basin to an outlet structure at each end of the basin. The detention structure will be designed with the intent to drain completely within 72 hours after a 10-year, 24-hour storm event in accordance with SCDHEC storm water regulations. This will require the addition of fill material to the 488-2D Ash Basin bottom. In addition, the 488-2D Ash Basin was permitted as part of an Industrial Wastewater facility (Permit #7295) and this removal action will achieve closure of this facility consistent with the SCDHEC regulations, SC R.61-82, Proper Closeout of Wastewater Treatment Facilities. For the 488-4D Ash Landfill, this removal action will achieve closure consistent with the SCDHEC Class Two Solid Waste Landfill closure requirements, with the geosynthetic cover system meeting the permeability, infiltration and erosion control requirements of the SCDHEC Class Three Solid Waste Landfill closure requirements.

Removal activities are scheduled to commence October 1, 2014. Upon conclusion of the removal action, a Removal Action Report that summarizes the work will be prepared and submitted to document the completion of the removal action.

Questions from you or your staff may be directed to me at (803) 952-8365, or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Area Completion Project

ACP-14-181

ARF-19756

Ms. Susan Fulmer
Mr. Robert Pope 4 AUG 11 2014

Enclosure:
Responsiveness Summary for the Non-Time Critical Removal Action for the for the D-Area Ash Landfill (488-4D) CERCLIS Number: 63 (ERD-EN-2014-0036, Revision 0, August 2014)

cc w/o encl:
D. Scaturo, SCDHEC-Columbia
R. W. Wingard, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
J. R. Hughes, SCDHEC - Midlands EQC Region - Aiken

cc w/encl:
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

APPENDIX B

DOE SUBMITTAL – REMOVAL ACTION START D AREA ASH LANDFILL (488-4D)

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ARF-19807

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

SEP 9 2014

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Notification of the Removal Action Start Date for the D-Area Ash Landfill (488-4D) CERCLIS Number: 63

In accordance with the terms of the Federal Facility Agreement (FFA), the U. S. Department of Energy (DOE) is notifying the South Carolina Department of Health and Environmental Control (SCDHEC) and the U. S. Environmental Protection Agency (EPA) that the Removal Action Start for the D-Area Ash Landfill (488-4D) was met on September 02, 2014, ahead of the FFA milestone date of October 01, 2014. The removal action start date was met with the abandonment of the approved groundwater monitoring wells located within the facility boundary. Other removal action activities underway include the mobilization efforts for the removal of the ash sluice line, the survey of the borrow source area on the Savannah River Site, and the mobilization and sampling of the clean fill borrow materials to ensure the soils meet the requirements outlined in the Removal Action Design Plan for the 488-4D Ash Landfill and 488-2D Ash Basin (SRNS-RP-2014-00459).

The effort and time that the SCDHEC and the EPA have given on the subject operable unit are greatly appreciated. Questions from you or your staff may be directed to me at (803) 952-8365, or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-14-189

ARF-19807

SEP 9 2014

Ms. Susan Fulmer
Mr. Robert Pope

2

cc:
D. Scaturo, SCDHEC-Columbia
R. W. Wingard, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
J. R. Hughes, SCDHEC - Midlands EQC Region - Aiken
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

APPENDIX C

DOE SUBMITTAL – REMOVAL ACTION START D AREA ASH BASIN (488-2D)

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ARF-19870

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

OCT 28 2014

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Notification of the Removal Action Start Date for the D-Area Ash Basin (488-2D) CERCLIS Number: 63

In accordance with the terms of the Federal Facility Agreement (FFA), the U. S. Department of Energy (DOE) is notifying the South Carolina Department of Health and Environmental Control (SCDHEC) and the U. S. Environmental Protection Agency (EPA) that the Removal Action Start for the D-Area Ash Basin (488-2D) was met on October 14, 2014, ahead of the FFA milestone date of October 01, 2015. The removal action start date was met with the land survey of the ash basin to determine extent and quantity of ash and to establish the excavation zone for the removal action.

The effort and time that the SCDHEC and the EPA have given on the subject operable unit are greatly appreciated. Questions from you or your staff may be directed to me at (803) 952-8365, or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-15-102

ARF-19870

OCT 2 8 2014

Ms. Susan Fulmer
Mr. Robert Pope

cc:
D. Scaturo, SCDHEC-Columbia
R. W. Wingard, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
J. R. Hughes, SCDHEC - Midlands EQC Region - Aiken
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

APPENDIX D

ACTION MEMORANDUM AND RESPONSIVENESS SUMMARY FOR THE NON-TIME CRITICAL REMOVAL ACTION FOR THE D AREA ASH LANDFILL (488-4D)

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ARF-19848

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

OCT 2 8 2014

Ms. Susan Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Action Memorandum for the Time Critical Removal Action for the D-Area Ash Basin (488-2D) and the Removal Site Evaluation Report for the D-Area Ash Basin (488-2D) (SRNS-RP-2013-00825, Revision 1, ~~August~~ September 2014) CERCLIS Number: 63

Pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Section 300.415(b)(2)), the U.S. Department of Energy (USDOE) prepared the attached Removal Site Evaluation Report (RSER) for the D-Area Ash Basin (488-2D) (SRNS-RP-2013-00825, Revision 1, ~~August~~ September 2014) in order to perform a time-critical removal action. USDOE, as lead agency, is mandated to take action to reduce the adverse effects of contamination per the guidance listed in 40 CFR Section 300.415(b)(2). The USDOE, U.S. Environmental Protection Agency (USEPA) and South Carolina Department of Health and Environmental Control (SCDHEC) have agreed that the coal ash sediments present within the 488-2D Ash Basin bottom warrants a removal action to reduce the risk to human health and the environment due to the potential for a containment failure and subsequent exposure to the elevated levels of arsenic and naturally-occurring, coal-related radionuclides in the ash. These site conditions meet the criteria in 40 CFR Section 300.415(b)(2)(i) and (v): *"Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants;"* and *"Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released;"*.

The SCDHEC and the USEPA provided comments on the Revision 0 RSER in their letters dated March 5, 2014 and March 12, 2014, respectively. The Revision 1 RSER incorporated the responses to the regulatory comments, as applicable, and is included as an enclosure to this Action Memorandum. This Action Memorandum and the RSER, which details how the time-critical removal action is being completed, are scheduled to be issued for the thirty-day public review and comment during the week of November 10, 2014. This Action Memorandum, the RSER, and the notice to the public will be made part of the Administrative Record.

ARF-19848

OCT 2 8 2014

Ms. Susan Fulmer
Mr. Robert Pope 2

The D-Area Operable Unit (DAOU) is one of the area operable units identified at the Savannah River Site (SRS). The 488-2D Ash Basin is a subunit of the DAOU, which is located in the southwest quadrant of SRS approximately 0.9-km (3,000-feet [ft]) east of the nearest site boundary, the Savannah River. The DAOU is approximately 85 hectares (ha [210 acres {ac}]) and contains surface units and source areas in D Area that potentially pose a threat to human health and the environment.

The D-Area Powerhouse was built in 1953 and was shut down in 2012. As a result of the shutdown of the powerhouse, continued operation of the 488-1D and 488-2D Ash Basins, and the 488-4D Ash Landfill, are no longer required to support power generation. During operation, the powerhouse ash was mixed with water to form a slurry that was piped into one of two inlet basins located at the east of the 488-1D Ash Basin. The ash would settle out in the inlet basins and the wastewater would flow into the east end of the 488-1D Ash Basin and then into the 488-2D Ash Basin. Over time, ash fines settled out of the retained water in the 488-2D Ash Basin and accumulated on the basin bottom. When the water level rose in the 488-2D Ash Basin, it discharged into National Pollutant Discharge Elimination System (NPDES) Outfall D-01C, and eventually into Outfall D-01 and Beaver Dam Creek. Approximately 0.6 meters (m [2 ft]) of ash are estimated to be in the bottom of the 488-2D Ash Basin. In 2011, the USDOE, USEPA, and SCDHEC agreed to add the 488-1D Ash Basin, 488-2D Ash Basin, and the 488-4D Ash Landfill to the Federal Facility Agreement as subunits of the DAOU.

Since the early 1980's, the following documented structural repairs/modifications to the exterior western and southern berms of both the 488-1D and 488-2D Ash Basins have been necessary due to well defined areas of stress in the berms and in some cases, failure of the berm:

- 488-2D Berm Side Slope Modification – modifications/repairs to the west berm in 1981.
- 488-1D Berm Failure Area Repair – repair of +/- 30 m (100 ft) of the west berm in 1980.
- 488-1D Berm Stress Area Repair – repair of +/- 46 m (150 ft) of the west berm in 1980.
- 488-1D Retention Dike Repair – installation of 533 m (1,750 ft) of toe drain and a manhole at the base of the berm (west and south berm) in 1989.

Berm failures and stressed areas represent a safety threat to workers and possible trespassers, and a potential impact to the environment. The probability for berm failure increases with time due to the saturation of the ground, the original design of the berms (i.e., materials of construction, elevations, etc.) and the steep slope (2:1) of the berms. Extreme weather conditions may facilitate such a failure.

Based on previous remedial investigations at other SRS ash basins, it is known that coal ash typically contains toxic metals such as arsenic, and naturally-occurring radionuclides. Based on this historical information, SRS has concluded that the ash within the 488-2D Ash Basin contains unacceptable levels of these contaminants. The concentrations of the metals, arsenic in particular (64.3 mg/kg), and the coal related radionuclides represent a potential risk to human health and the environment should exposure occur through a containment (berm) failure that allows release of these contaminants into the surrounding environment.

ARF-19848

OCT 2 8 2014

Ms. Susan Fulmer
Mr. Robert Pope

3

As a result, the problems warranting action associated with the 488-2D Ash Basin are as follows:

- Arsenic and naturally-occurring, coal-related radionuclides are historically human health (HH) constituents of concern in SRS surface ash and may pose a risk for human receptors (future industrial worker risk >1E-06) and ecological receptors.
- There is a potential for migration of contaminants to groundwater above groundwater protection standards due to the uncertainty in groundwater elevation and flow path changes over time.
- Closure of the basin is necessary to complete closure of the Industrial Wastewater Treatment (IWT) Permit #7295.

The ash removal of the 488-2D Ash Basin is essential to reduce the risk to HH and the environment and to maintain the current DAOU closure/construction schedule. Closure of this facility is necessary to limit the potential for eventual berm failure. Specifically, the objective of this time-critical removal action is as follows:

- Excavate the contaminated media (ash) in the 488-2D Ash Basin and place the media into either the 488-1D Ash Basin or the 488-4D Ash Landfill. The placed ash will remain in 488-1D or 488-4D for final disposal since both the 488-1D Ash Basin and 488-4D Ash Landfill will be closed under separate Comprehensive Environmental Response, Compensation, and Liability Act actions. The extent of the removal will be based on visual inspection and confirmation sampling. Confirmation sampling to verify ash removal will be performed and evaluated in accordance with the approved *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site (U)*. The final remedial decision for the 488-2D Ash Basin will be described in the second DAOU Early Action Record of Decision.

Dewatering of the 488-2D Ash Basin to facilitate the ash removal is outside the scope of this removal action. Although the dewatering of the 488-2D Ash Basin is not the focus of this removal action, it is an essential activity that is required before any excavation of ash can take place. This water will be removed/managed in accordance with the current NPDES permit and/or transferred within the existing IWT permitted basin complex (i.e., 488-1D Ash Basin, or the 488-1D Inlet Basins). No other contaminated media will be addressed in this removal action.

ARF-19848

OCT 2 8 2014

Ms. Susan Fulmer
Mr. Robert Pope 4

This removal action is expected to commence in October 2014. Upon conclusion of the removal action, a Removal Action Report that summarizes the work will be prepared and submitted to document the completion of the removal action. Questions from you or your staff may be directed to me at (803) 952-8365, or the USDOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-15-101

Enclosure:
Removal Site Evaluation Report for the D-Area Ash Basin (488-2D) (SRNS-RP-2013-00825, Revision 1, ~~August~~ September 2014) CERCLIS Number: 63 (Clean Copy) sbw 9/4/2014

cc w/o encl:
D. Scaturo, SCDHEC-Columbia
R. W. Wingard, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
J. R. Hughes, SCDHEC - Midlands EQC Region - Aiken

cc w/encl:
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

APPENDIX E

DOE SUBMITTAL – RADP FOR THE 488-4D AND 488-2D, REV. 1.1

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ARF-20173

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

APR - 1 2015

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: Removal Action Design Plan (RADP) for the 488-4D Ash Landfill and 488-2D Ash Basin (SRNS-RP-2014-00459, Revision 1.1, March 2015) (Redline Pages and Professional Engineer Stamped Clean Copy), Savannah River Site (SRS) Responses to the Regulatory Comments on the Revision 1 RADP, SRS Responses to the Regulatory Comments on the White Paper on the Hydrologic Evaluation of Landfill Performance (HELP) Model Evaluation for the 488-4D Ash Landfill Cover System (ERD-EN-2014-0049, Revision 0, December 2014), and SRS Responses to the Regulatory Comments on the White Paper on the Source of Groundwater Contamination and the Hydrologic Separation Study for the D-Area Ash Basins and Ash Landfill (ERD-EN-2014-0025, Revision 0, August 2014) CERCLIS Number: 63

The U.S. Department of Energy (DOE) is submitting the enclosed redline pages and Professional Engineer (PE) Stamped Removal Action Design Plan (RADP) for the 488-4D Landfill and 488-2D Ash Basin for your review. The South Carolina Department of Health and Environmental Control (SCDHEC) and the U. S. Environmental Protection Agency (EPA) provided comments on the Revision 1 RADP and the two white papers (ERD-EN-2014-0049 and ERD-EN-2014-0025) on January 15, 2015 and January 20, 2015, respectively. The SRS electronically transmitted draft comment responses on February 25, 2015. Based on regulatory feedback from the draft comment responses, all comments have been sufficiently addressed and the RADP has been revised to incorporate the responses. The two white papers did not require any changes as a result of the comment responses. Final copies of the comment responses are enclosed.

Please review the enclosures and provide your concurrence within thirty (30) days of receipt. The effort and time that the SCDHEC and the EPA have given on the subject operable unit are greatly appreciated.

ARF-20173

APR - 1 2015

Ms. Susan Fulmer
Mr. Robert Pope 2

Questions from you or your staff may be directed to me at (803) 952-8365, or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-15-136

Enclosures:
1. Removal Action Design Plan (RADP) for the 488-4D Ash Landfill and 488-2D Ash Basin (SRNS-RP-2014-00459, Revision 1.1, March 2015) CERCLIS Number: 63 (Redline Pages and PE Stamped Clean Copy)
2. SRS Responses to South Carolina Department of Health & Environmental Control Comments on: Removal Action Design Plan (RADP) for 488-4D Ash Landfill and the 488-2D Ash Basin CERCLIS Number 63, (SRNS-RP-2014-000459, Revision 1, September 2014)
3. SRS Responses to South Carolina Department of Health & Environmental Control Comments on: White Paper on the Hydrologic Evaluation of Landfill Performance (HELP) Model Evaluation for the 488-4D Ash Landfill Cover System (ERD-EN-2014-0049, Revision 0, December 2014)
4. SRS Responses to South Carolina Department of Health & Environmental Control Comments on: White Paper on the Source of Groundwater Contamination and the Hydrologic Separation Study for the D-Area Ash Basins and Ash Landfill (ERD-EN-2014-0025, Revision 0, August 2014) CERCLIS Number: 63
5. SRS Responses to Environmental Protection Agency Comments on: Removal Action Design Plan (RADP) for 488-4D Ash Landfill and the 488-2D Ash Basin CERCLIS Number 63, (SRNS-RP-2014-000459, Revision 1, September 2014)
6. SRS Responses to Environmental Protection Agency Comments on: the White Paper on the Source of Groundwater Contamination and the Hydrologic Separation Study for the D-Area Ash Basins and Ash Landfill CERCLIS Number: 63 (ERD-EN-2014-0025, Revision 0, August 2014), and the White Paper on the Hydrologic Evaluation of Landfill Performance (HELP) Model Evaluation for the 488-4D Ash Landfill Cover System CERCLIS Number: 63 (ERD-EN-2014-0049, Revision 0, December 2014)

cc w/o encl:
D. Scaturo, SCDHEC-Columbia
R. W. Wingard, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
J. R. Hughes, SCDHEC - Midlands EQC Region - Aiken

cc w/encl:
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

Enclosures 1 and 2 not included

APPENDIX F

DOE SUBMITTAL – NOVEMBER 2016 COMPLETION STATUS OF THE PROJECT

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ARF-020897

Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

NOV 22 2016

Ms. Susan Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Robert H. Pope
Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Pope:

SUBJECT: November 2016 Completion Status of the D-Area Ash Basin Project, CERCLIS Number: 63

The U.S. Department of Energy (DOE) is submitting this letter to document the status and completion of various construction activities in accordance with the selected removal actions defined in the following documents:

- *Removal Site Evaluation Report (RSER) for the D-Area Ash Basin (488-2D) (U)* (SRNS-RP-2013-00825, Revision 1, September 2014) CERCLIS Number: 63
- *Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the D-Area Ash Landfill (488-4D) (U)* (SRNS-RP-2014-00001, Revision 1, June 2014) CERCLIS Number: 63
- *Removal Site Evaluation Report / Engineering Evaluation / Cost Analysis (RSER/EE/CA) for the D-Area Ash Basin (488-1D) (U)* (SRNS-RP-2015-00490, Revision 1, June 2016) CERCLIS Number: 63
- *Revision 3 Action Memorandum for the Non-Time Critical Removal Action for the D-Area Coal Pile Runoff Basin (489-D), CERCLIS Number: 63* (IACD-15-168, dated August 11, 2015)

To observe the status and completion of these construction activities, a field visit by DOE, South Carolina Department of Health and Environmental Control (SCDHEC), and U.S. Environmental Protection Agency (EPA) personnel (Enclosure 1) was conducted on November 3, 2016. Savannah River Nuclear Solutions, LLC (SRNS) personnel participated in the field visit (Enclosure 1) to lead the tour and discussions. The personnel present observed and discussed the construction activities within the 488-2D Ash Basin, the 488-4D Ash Landfill, the 488-1D Ash Basin, the 489-D Coal Pile Runoff Basin, and the new borrow pit. To assist in the discussions, the handouts included as Enclosure 2 were provided to all individuals present. Highlights from the field visit are provided below.

ARF-020897

Ms. Susan Fulmer
Mr. Robert Pope 2 NOV 22 2016

488-4D ASH LANDFILL

- All ash within the scope of the 488-2D and 488-4D RSER/EE/CA has been consolidated and placed within 488-4D Ash Landfill. No additional ash will be placed within this permitted facility and it is closed for any further waste disposal.
- All construction activities for the installation of the SCDHEC Class Three Landfill cover have been completed for this landfill per the *Removal Action Design Plan (RADP) for the 488-4D Ash Landfill and 488-2D Ash Basin (U)* (SRNS-RP-2014-00459, Revision 1.1, March 2015) CERCLIS Number: 63.
- The location of the four groundwater monitoring wells (one up gradient and three down gradient) were identified along with the schedule for installation. Installation is scheduled to begin in 4QCY2016.
- The SCDHEC Bureau of Land and Waste Management (Justin Koon) and other participants observed the subgrade design within the active storm sewer manhole located off the northeast corner of 488-4D Ash Landfill to confirm proper installation.
- The removal action for the 488-4D Ash Landfill is complete. The Removal Action Report for the 488-2D Ash Basin and the 488-4D Ash Landfill (Revision 0) is scheduled to be submitted by March 30, 2017.

488-2D ASH BASIN

- Ash within the 488-2D Ash Basin bottom has been completely removed from the basin.
- Confirmatory sampling has been completed and all data has been incorporated into the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin (U)* (ERD-EN-2015-0053, Revision 1, October 2016) CERCLIS Number: 63.
- Soil cover and sod installation have been completed per the *Removal Action Design Plan (RADP) for the 488-4D Ash Landfill and 488-2D Ash Basin (U)* (SRNS-RP-2014-00459, Revision 1.1, March 2015) CERCLIS Number: 63. The 488-2D Ash Basin now functions as a detention basin.
- Sediment control floats will remain on the discharge structures throughout the 488-1D Ash Basin construction project. Floats will be removed upon completion of the 488-1D Ash Basin project.
- The removal action for the 488-2D Ash Basin is complete. The Removal Action Report for the 488-2D Ash Basin and the 488-4D Ash Landfill (Revision 0) is scheduled to be submitted by March 30, 2017.

488-1D ASH BASIN

- Removal of vegetative cover is progressing rapidly. All root balls containing ash are being managed as CERCLA waste and are being disposed at Three Rivers Landfill. All overburden vegetation free of ash is being chipped/slashed and relocated off the construction site.
- The 489-D Coal Pile Runoff coal residue and soils have been relocated into the 488-1D Ash Basin.
- Excavation of the ash located along the west end of the landfill has been initiated to design drainage channels within this area of the basin.
- Basin is relatively free of standing water.
- Collected storm water within the North Inlet Basin is being used for irrigation purposes on the 488-D Ash Basin and 488-4D Ash Basin covers.

ARF-020897

Ms. Susan Fulmer
Mr. Robert Pope

3

NOV 22 2016

489-D COAL PILE RUNOFF BASIN

- All coal fines have been removed from the basin bottom. The majority of the coal fines have been transported to the 488-1D Ash Basin. One small pile remains within the basin area to be transported to 488-1D Ash Basin in the very near future.
- Twelve inches of under burden soil has been stripped from the basin bottom and is in the process of being placed within the 488-1D Ash Basin. Some soil piles remained at the time of the November 3, 2016 tour.
- Non-hazardous waste determination has been completed for all material within this basin based on sample results in conjunction with process knowledge. No material within this basin is determined to be characteristically hazardous.
- Confirmation sampling has been initiated for this basin. Additional sampling will be necessary to confirm the absence of the coal residue in the areas of the stock piled soils/coal residues. Back filling to final grade and sodding will occur upon removal of all excavated basin bottoms.
- With the removal of the coal residues and the twelve inches of under burden soils, current storm water management compliance will shift from the National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Industrial Activities (Except Construction), SCR000000, Section 1.1.2 (Runoff from coal storage piles at steam electric generating facilities) to the compliance requirements defined within the project specific Storm Water Pollution Prevention Plan (SWPPP). All water will be pumped through a SWPPP Best Management Practice and discharged to the D-Area Discharge Canal.

Based on this review and walk down, the DOE, SCDHEC, and EPA personnel present agreed that there were no deficiencies observed with the completed field activities for the completed removal actions associated with 488-4D Ash Landfill and 488-2D Ash Basin. In addition, these personnel also agreed that construction activities associated with the removal actions specific to the 488-1D Ash Basin and the 489-D Coal Pile Runoff Basin are progressing satisfactorily.

Questions from you or your staff may be directed to me at (803) 952-8365, or the DOE Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

Brian T. Hennessey
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-17-111

ARF-020897

Ms. Susan Fulmer
Mr. Robert Pope 4 NOV 22 2016

Enclosures:
1. Attendees List, D-Area Status Walk Down, Thursday, November 3, 2016
2. Field Visit Handouts

cc w/o encl:
D. Scaturo, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
H. M. Reed, SCDHEC - Midlands EQC Region - Aiken

cc w/encl:
D. Lloyd, EPA-Atlanta
M. McRae, TechLaw, Inc.

APPENDIX G

CERCLA OFF-SITE ACCEPTABILITY OF THREE RIVERS LANDFILL

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{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill (024202-1101), Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov, R4CERCLA_OffsiteContact 01/04/2015 03:09 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "benjamin.terry@srs.gov", "brian.hennessey@srs.gov"

History: This message has been replied to and forwarded.
Archive: This message is being viewed in an archive.

Happy New Year Michele,

Apologies for the delayed response.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
RCRA and OPA Enforcement and Compliance Branch
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

NOTE: This message and any attachments from the U.S. Environmental Protection Agency may contain CONFIDENTIAL and legally protected information. If you are not the addressee or the intended recipient, please do not read, copy, use or disclose this communication to others. Also, please notify the sender by replying to this message and then delete it from your system.

From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Wednesday, December 17, 2014 2:27 PM
To: R4CERCLA_OffsiteContact; Whiting, Paula
Cc: benjamin.terry@srs.gov; brian.hennessey@srs.gov
Subject: OSR Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you are doing well and had a great Thanksgiving. As the holiday season is approaching I thought would ask for approval a week earlier than normal.

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Thank you very much and hope you have a Merry Christmas and safe and Happy New Year.

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov



{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 02/19/2015 04:46 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov", "Pope, Robert"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

I am doing well. I hope everyone is staying warm in this chilly weather.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Tuesday, February 17, 2015 5:04 PM
To: Whiting, Paula
Cc: brian.hennessey@srs.gov; Pope, Robert
Subject: OSR Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you are doing well.

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} Re: CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
Michele Wilson To: R4CERCLA_OffsiteContact 02/23/2015 01:43 PM
Archive: This message is being viewed in an archive.

Thank you Paula. We are fine today with just rain, but tomorrow looks like ice again. Crazy winter, but still better than being in the north!

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

R4CERCLA_OffsiteContact Good Afternoon Michele, I am doing w... 02/19/2015 04:46:17 PM

From: R4CERCLA_OffsiteContact <R4CERCLA_OffsiteContact@epa.gov>
To: "michele.wilson@srs.gov" <michele.wilson@srs.gov>,
Cc: "brian.hennessey@srs.gov" <brian.hennessey@srs.gov>, "Pope, Robert" <Pope.Robert@epa.gov>
Date: 02/19/2015 04:46 PM
Subject: CERCLA Off-Site Acceptability of Three Rivers Landfill, Aiken, SC
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>

Good Afternoon Michele,

I am doing well. I hope everyone is staying warm in this chilly weather.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

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the addressee or the intended recipient, please do not read, copy, use or disclose this communication to others. Also, please notify the sender by replying to this message and then delete it from your system.

From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Tuesday, February 17, 2015 5:04 PM
To: Whiting, Paula
Cc: brian.hennessey@srs.gov; Pope, Robert
Subject: OSR Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you are doing well.

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov



{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 04/13/2015 12:16 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov"
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

I had a wonderfilled holiday. I hope yours was the same!

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Monday, April 13, 2015 10:43 AM
To: Whiting, Paula; R4CERCLA_OffsiteContact
Cc: brian.hennessey@srs.gov
Subject: Request for Offsite Rule Approval for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you had a good holiday.

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 06/05/2015 04:54 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov", "benjamin.terry@srs.gov", "Leighanne.Clifton@srs.gov"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Thursday, June 04, 2015 2:28 PM
To: Whiting, Paula
Cc: brian.hennessey@srs.gov; benjamin.terry@srs.gov; Leighanne.Clifton@srs.gov
Subject: CERCLA OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I

please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov



{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: 'michele.wilson@srs.gov' 07/28/2015 08:02 AM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov", "Pope, Robert"

History: This message has been forwarded.
Archive: This message is being viewed in an archive.

Good Morning Michele,

So far the summer has been lovely and hot. I expected higher temperatures longer, but we got just a week of 99+, so I can't complain. I hope everyone's summer has comfortable and active.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Thursday, July 23, 2015 5:13 PM
To: Whiting, Paula

Cc: brian.hennessey@srs.gov; Pope, Robert
Subject: OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you have been able to enjoy your summer even though it has been so hot.

It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Thank you very much.

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov, wh@srs.gov 09/23/2015 03:20 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov", "Pope, Robert"

History: This message has been replied to and forwarded.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

It is very nice to turn off the A/C during the day and let the fresh air flow through the house. I just realized we are now officially into fall. Happy Autumn to everyone!

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Wednesday, September 23, 2015 9:48 AM
To: Whiting, Paula; wh@srs.gov
Cc: brian.hennessey@srs.gov; Pope, Robert
Subject: OSR for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

I hope you have enjoyed the cooler days as much as I have.

I am with the contractor at the Savannah River Site, a Department of Energy facility in Aiken, SC that is listed on the NPL. It is time for another CERCLA OSR approval for the Three Rivers Landfill. Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} Re: CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
Michele Wilson to: R4CERCLA_OffsiteContact 11/30/2015 11:46 AM
Archive: This message is being viewed in an archive.

Thank you Paula, enjoy your day.

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

R4CERCLA_OffsiteContact Good Morning Michele, Three Rivers L... 11/30/2015 10:58:22 AM

From: R4CERCLA_OffsiteContact <R4CERCLA_OffsiteContact@epa.gov>
To: "michele.wilson@srs.gov" <michele.wilson@srs.gov>
Cc: "brian.hennessey@srs.gov" <brian.hennessey@srs.gov>, "Pope, Robert" <Pope.Robert@epa.gov>
Date: 11/30/2015 10:58 AM
Subject: CERCLA Off-Site Acceptability of Three Rivers Landfill, Aiken, SC
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>

Good Morning Michele,

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Happy Holidays!

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Wednesday, November 18, 2015 6:15 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: brian.hennessey@srs.gov; Pope, Robert <Pope.Robert@epa.gov>
Subject: OSR for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Can't believe we are just around the corner from Thanksgiving. Hope you have had a good year and will be able to enjoy the holiday.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina. It is just more practical to make sure we are covered in case we generate some CERCLA waste.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 01/21/2016 10:05 AM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "brian.hennessey@srs.gov", "Pope, Robert"

History: This message has been replied to and forwarded.
Archive: This message is being viewed in an archive.

Good Morning Michele,

Happy New Year! So far all good this year, how about you?

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Wednesday, January 20, 2016 7:44 AM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: brian.hennessey@srs.gov; Pope, Robert <Pope.Robert@epa.gov>
Subject: OSR for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you had a wonderful holiday season and a great start to your new year.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC .
R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 03/14/2016 06:50 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "Leighanne.Clifton@srs.gov"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Evening Michele,

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Tuesday, March 08, 2016 5:54 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov
Subject: Request for CERCLA OSR for Three Rivers Landfill, SC (024202-1101)

Paula,

Hope you are enjoying the nice weather and the beginning of sunnier days.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} Re: CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
Michele Wilson to: R4CERCLA_OffsiteContact 05/09/2016 04:18 PM
Cc: "Leighanne.Clifton@srs.gov", "Whiting, Paula"
Archive: This message is being viewed in an archive.

Thank you again Paula. Have a great week.

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

R4CERCLA_OffsiteContact Good Morning Michele, Three Rivers L... 05/09/2016 08:34:39 AM

From: R4CERCLA_OffsiteContact <R4CERCLA_OffsiteContact@epa.gov>
To: '"michele.wilson@srs.gov"' <michele.wilson@srs.gov>
Cc: "Leighanne.Clifton@srs.gov" <Leighanne.Clifton@srs.gov>
Date: 05/09/2016 08:34 AM
Subject: CERCLA Off-Site Acceptability of Three Rivers Landfill, Aiken, SC
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>

Good Morning Michele,

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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the addressee or the intended recipient, please do not read, copy, use or disclose this communication to others. Also, please notify the sender by replying to this message and then delete it from your system.

From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Wednesday, May 04, 2016 10:21 AM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov
Subject: Offsite Rule Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Paula,

Hope all is going well with you.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov



{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 08/18/2016 02:47 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "joseph.burch@srs.gov", "Katie.Davis@srs.gov"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

Barely keeping it cool and dodging lots and lots of rain. Hoping you are stay cool and dry as well.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Monday, August 15, 2016 3:03 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: joseph.burch@srs.gov; Katie.Davis@srs.gov

Subject: CERCLA Offsite Rule Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Paula,

Hope you have been successful in staying cool this summer. I don't think I have ever seen it as hot and humid as it has been this summer.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)? Would you please "reply all" as I may not be in the office when you reply. I will be taking some vacation and then will be on travel.

Thank you,

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} Re: CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
Michele Wilson to: R4CERCLA_OffsiteContact 08/22/2016 09:54 AM
Archive: This message is being viewed in an archive.

Thank you,

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

R4CERCLA_OffsiteContact Good Afternoon Michele, Barely keepi... 08/18/2016 02:47:26 PM

From: R4CERCLA_OffsiteContact <R4CERCLA_OffsiteContact@epa.gov>
To: "michele.wilson@srs.gov" <michele.wilson@srs.gov>
Cc: "joseph.burch@srs.gov" <joseph.burch@srs.gov>, "Katie.Davis@srs.gov" <Katie.Davis@srs.gov>
Date: 08/18/2016 02:47 PM
Subject: CERCLA Off-Site Acceptability of Three Rivers Landfill, Aiken, SC
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>

Good Afternoon Michele,

Barely keeping it cool and dodging lots and lots of rain. Hoping you are stay cool and dry as well.

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Monday, August 15, 2016 3:03 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: joseph.burch@srs.gov; Katie.Davis@srs.gov
Subject: CERCLA Offsite Rule Determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Paula,

Hope you have been successful in staying cool this summer. I don't think I have ever seen it as hot and humid as it has been this summer.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)? Would you please "reply all" as I may not be in the office when you reply. I will be taking some vacation and then will be on travel.

Thank you,

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 10/13/2016 05:10 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "Leighanne.Clifton@srs.gov"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

The year is flying past. I just turned off the A/C, but the afternoons are still kind of warm. No complaints though. Maybe we will get some snow this year . . . hmmm. Enjoy the autumn weather!

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Thursday, October 13, 2016 10:21 AM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov
Subject: OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101

Hello Paula,

Can't believe we are already in October. Lets hope we get some nice cool weather to enjoy.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} Re: CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
Michele Wilson to: R4CERCLA_OffsiteContact 10/19/2016 04:32 PM
Cc: "Leighanne.Clifton@srs.gov", "Whiting, Paula"
Archive: This message is being viewed in an archive.

Thank you again Paula. I was out on training for a week and am just catching up with my emails.

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

R4CERCLA_OffsiteContact Good Afternoon Michele, The year is fl... 10/13/2016 05:10:06 PM

From: R4CERCLA_OffsiteContact <R4CERCLA_OffsiteContact@epa.gov>
To: "michele.wilson@srs.gov" <michele.wilson@srs.gov>
Cc: "Leighanne.Clifton@srs.gov" <Leighanne.Clifton@srs.gov>
Date: 10/13/2016 05:10 PM
Subject: CERCLA Off-Site Acceptability of Three Rivers Landfill, Aiken, SC
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>

Good Afternoon Michele,

The year is flying past. I just turned off the A/C, but the afternoons are still kind of warm. No complaints though. Maybe we will get some snow this year . . . hmmm. Enjoy the autumn weather!

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Thursday, October 13, 2016 10:21 AM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov
Subject: OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101

Hello Paula,

Can't believe we are already in October. Lets hope we get some nice cool weather to enjoy.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov



{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC

R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 02/01/2017 03:59 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "Leighanne.Clifton@srs.gov"

History: This message has been replied to.
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

Happy very early spring!! Yep, my random flowers are springing up. I actually keep hoping for snow. Oh well. . .

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
R4 CERCLA Regional Off-Site Contact
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW, 10th Floor
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

Please Respond to R4CERCLA_OffSiteContact@epa.gov

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From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Monday, January 30, 2017 1:06 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov

Subject: OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101)

Hello Paula,

Hope you are enjoying the very warm winter weather. All of my spring daffodils and tulips are starting to come up now, so it will probably freeze soon.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

{In Archive} CERCLA Off-Site Acceptability of Three Rivers Landfill , Aiken, SC
R4CERCLA_OffsiteContact to: michele.wilson@srs.gov 12/07/2016 12:40 PM
Sent by: "Whiting, Paula" <Whiting.Paula@epa.gov>
Cc: "Leighanne.Clifton@srs.gov"
Archive: This message is being viewed in an archive.

Good Afternoon Michele,

Belated Happy Thanksgiving to you!! Yes my holiday was good and quiet just like I wanted it. Hoping yours was equally as peacefully. And with the upcoming "Holidays" it's about to be slightly nutsy. Hope you keep your peace and joy about you in these times. Merry Christmas and Happy Holidays!!

Three Rivers Landfill (024202-1101), Aiken, South Carolina is acceptable to receive waste regulated by the CERCLA Off-Site Rule. The EPA advises you to contact us within 60 days to check for continued acceptability.

Thanks,

Paula A Whiting
Environmental Engineer
Hazardous Waste Enforcement and Compliance Section
Enforcement and Compliance Branch
Resource Conservation and Restoration Division
US Environmental Protection Agency - Region IV
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303
Phone: 404-562-9277
FAX: 404-562-8566

NOTE: This message and any attachments from the U.S. Environmental Protection Agency may contain CONFIDENTIAL and legally protected information. If you are not the addressee or the intended recipient, please do not read, copy, use or disclose this communication to others. Also, please notify the sender by replying to this message and then delete it from your system.

From: michele.wilson@srs.gov [mailto:michele.wilson@srs.gov]
Sent: Thursday, December 01, 2016 1:17 PM
To: Whiting, Paula <Whiting.Paula@epa.gov>
Cc: Leighanne.Clifton@srs.gov
Subject: OSR determination for Three Rivers Landfill, Aiken, SC (024202-1101

Hello Paula,

Hope you had a wonderful Thanksgiving, and a wish you Happy Holidays.

It is time for another CERCLA OSR approval for the Three Rivers Landfill in Aiken, South Carolina.

Could I please have a current CERCLA Offsite acceptability determination for Three Rivers Landfill, Aiken, SC (024202-1101)?

Michele P. Wilson
Savannah River Nuclear Solutions, LLC
Environmental Compliance and Area Completion Projects
phone: (803)952-6619
email: michele.wilson@srs.gov

APPENDIX H

SCDHEC APPROVAL OF VARIOUS MINOR MODIFICATIONS

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D H E C
PROMOTE. PROTECT. PROSPER

SRNS-OS-2015-00103
Tracking #10711

Catherine E. Heigel, Director
Promoting and protecting the health of the public and the environment

December 14, 2015

Savannah River Site
Attn: Mr. Hal Morris
Building 730-4B, Room 3054
Aiken, SC 29808

Approval to Add Materials in Order to Dry Waste
RE: Request to Use Drying Agent dated December 9, 2015
488-4D Class 2 Landfill – Permit #025800-1602
Aiken County

Dear Mr. Morris:

The Department received your request to add either cement and/or lime into your waste stream in order to dry the material prior to placement within the landfill dated December 9, 2015. By adding the drying agent, the facility hopes to improve the compaction of the ash which should ensure the stability of the cover and minimize subsidence. After careful review, the Department approves the request to add the requested drying agents since these materials meet the Class 2 Landfill standards and the potential benefits stated above. If any other drying agent is to be used, another request to the Department must be made. Please keep a copy of this letter with your other permit documents at the facility.

If you have any questions regarding this approval, please contact Justin Koon at (803) 898-1339 or by email at koonjt@dhec.sc.gov.

Sincerely,

Joan F. Litton, Manager
Mining and Solid Waste Permitting Section
Division of Mining and Solid Waste Management
Bureau of Land and Waste Management

JFL/jtk

cc: Tom Knight, PG, Manager – DHEC SW Groundwater
Marty Lindler, Manager – DHEC SW Compliance
Susan Fulmer, PG, Manager – DHEC Federal Remediation
Alan Risa and Greg O'Quinn – DHEC, Midlands Region EQC, Aiken Office
Bureau File # 999999

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

ARF-020403

D H E C

PROMOTE PROTECT PROSPER

SRNS-OS-2015-00084

Tracking # 10809

Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

October 27, 2015

Savannah River Site
Attn: Mr. Hal Morris
Building 730-4B, Room 3054
Aiken, SC 29808

Approval of Minor Modification

RE: Detail Drawings Received October 14, 2015
488-4D Class 2 Landfill – Permit #025800-1602
Aiken County

Dear Mr. Morris:

The Department received an update to Design Drawing SK-EC&ACP-DAOU-00005 that shows modifications to the tie-in of the liner system into 488-D and to the subsurface drainage for the 488-4D Class 2 Landfill on October 14, 2015. After careful review, the Department approves the modifications. A copy of this letter and the attached drawing should be kept with the other permit documents for this facility.

If you have any questions regarding this permit, please contact Justin Koon at (803) 898-1339. General questions and future correspondence pertaining to the operation and compliance of the referenced facility should be referred to the Midlands Region EQC office in Aiken at (803) 642-1637.

Sincerely,

Kent M. Coleman

Kent M. Coleman, Director
Division of Mining and Solid Waste Management
Bureau of Land and Waste Management

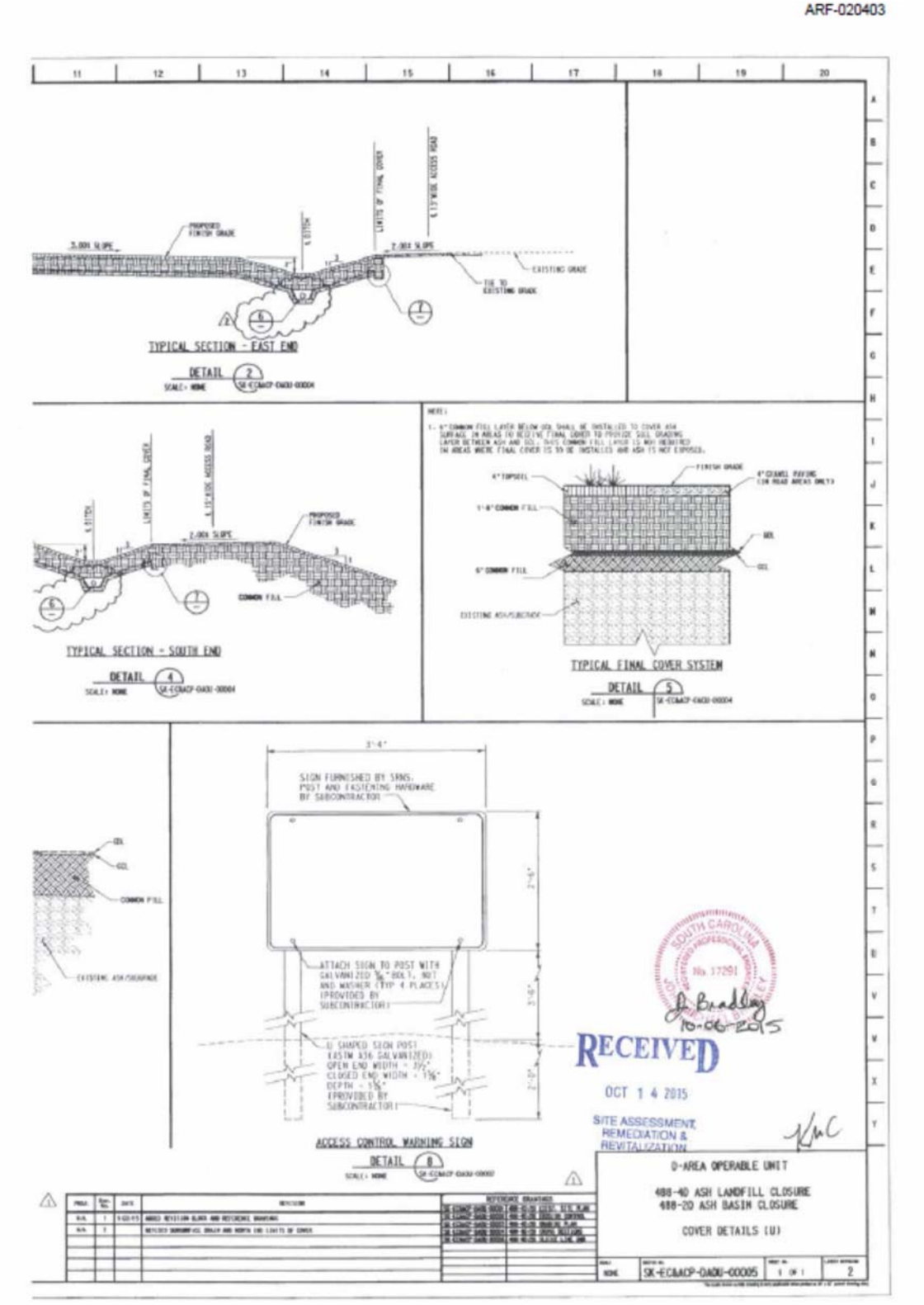
KMC/jtk

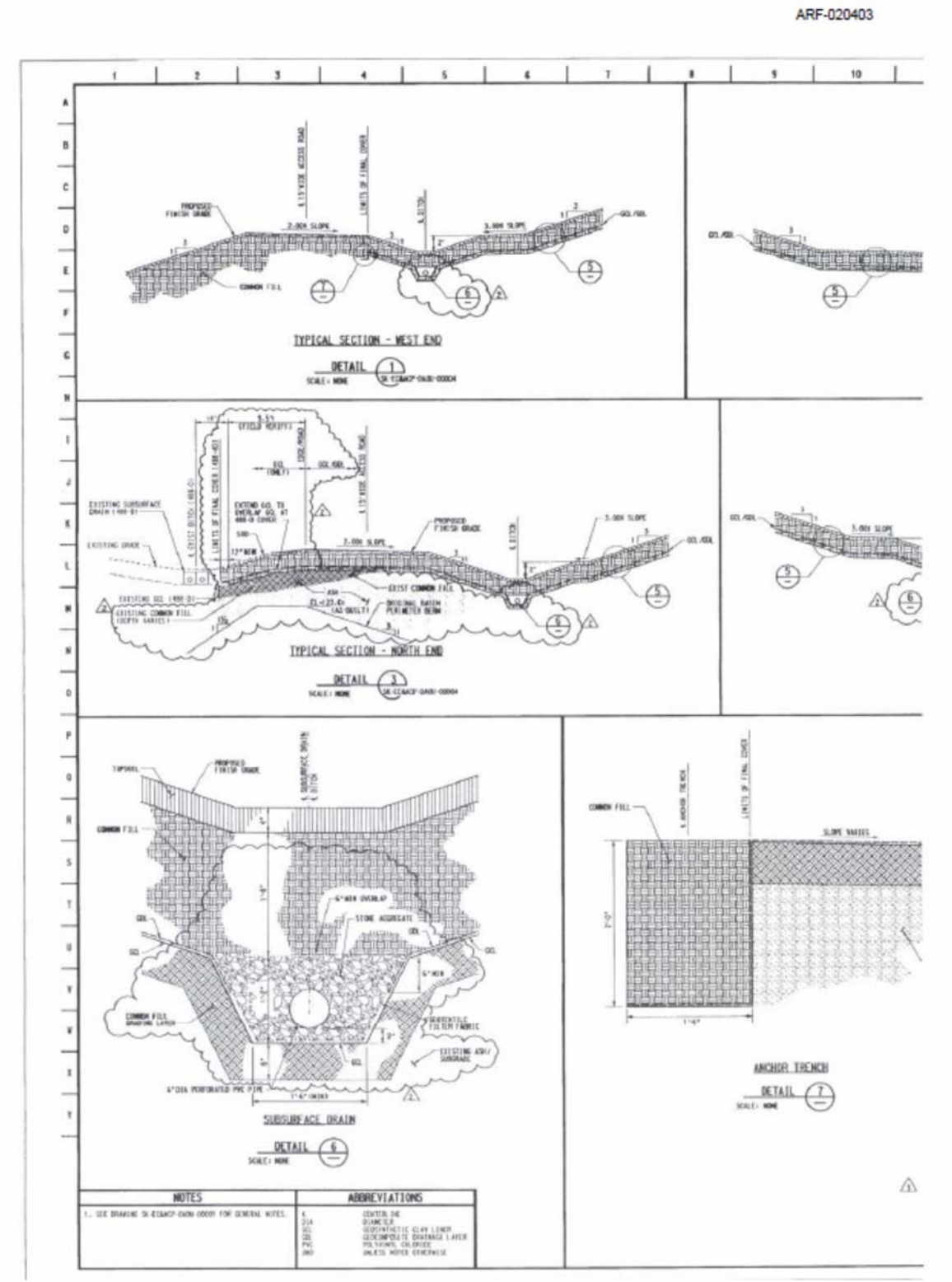
enc: Approved Drawing

cc: Tom Knight, PG, Manager – DHEC SW Groundwater
Marty Lindler, Manager – DHEC SW Compliance
Susan Fulmer, PG, Manager – DHEC Federal Remediation
Alan Risa and Greg O'Quinn – DHEC, Midlands Region EQC, Aiken Office
Bureau File # 999999

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ARF-020403


TYPICAL SECTION - EAST END
DETAIL 2
TYPICAL SECTION - SOUTH END
DETAIL 4
TYPICAL FINAL COVER SYSTEM
DETAIL 5
SIGN FURNISHED BY SRNS. POST AND FASTENING HARDWARE BY SUBCONTRACTOR
ATTACH SIGN TO POST WITH GALVANIZED 5/16" BOLT, NUT AND WASHER (TYP 4 PLACES) (PROVIDED BY SUBCONTRACTOR)
U SHAPED SIGN POST (ASTM A36 GALVANIZED) OPEN END WIDTH = 3" CLOSED END WIDTH = 1 3/4" DEPTH = 1 5/8" (PROVIDED BY SUBCONTRACTOR)
ACCESS CONTROL WARNING SIGN
DETAIL 8
RECEIVED
OCT 14 2015
SITE ASSESSMENT, REMEDIATION & REVITALIZATION
D-AREA OPERABLE UNIT
488-4D ASH LANDFILL CLOSURE
488-2D ASH BASIN CLOSURE
COVER DETAILS (U)
SK-EC&ACP-0A0U-00005
2


ARF-020403
TYPICAL SECTION - WEST END
DETAIL 1
TYPICAL SECTION - NORTH END
DETAIL 5
SUBSURFACE DRAIN
DETAIL 6
ANCHOR TRENCH
DETAIL 7
NOTES
ABBREVIATIONS

APPENDIX I

ENVIROCON – PROFESSIONAL ENGINEER CERTIFICATION LETTERS

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NORTHWIND SITE SERVICES

April 13th, 2016

Andrew White, PMP
Project Manager
Envirocon, Inc.
101 International Drive
Missoula, MT 59808

SUBJECT: Field Engineer Certification

Project: SRNS 488-4D Ash Landfill Closure

As an employee of North Wind Site Services, LLC, I was subcontracted by Envirocon, Inc. to serve as the Field Engineer, for the above referenced project, in charge of verifying all construction activities, inspections, and testing were performed in accordance with the contract specifications. I observed the construction activities, geotechnical and materials inspections, stormwater inspections, fill placement and compaction activities, and disposal activities.

Based on the observations of the construction and on my review of all testing and inspection reports, I hereby certify that all construction activities performed in association with the landfill closure have been completed in accordance with the contract specifications up through Tuesday, March 8th, 2016.

Sincerely,



Morgan Campbell Crace, P.E.
South Carolina #30682

1425 Higham Street | Idaho Falls, ID 83402 | 208.528.8718 | www.northwindgrp.com

ENVIROCON, INC.
6722 W. Kennewick
Ave. Ste. A,
Kennewick, WA 80401
(509) 987-1771
(509) 987-1774 FAX
www.envirocon.com

October 20, 2016

To: **Donald Baston**
SRNS Civil Lead

From: **Raymond Scott Ribes**
Envirocon Field Engineer

Subject: **Field Engineer Certification**
Project SRNS 488-4D Ash Landfill Closure

As an employee of Aerotek, I was subcontracted by Envirocon, Inc. to serve as the Field Engineer, for the above referenced project, in charge of verifying all construction activities, inspections, and testing were performed in accordance with the contract specifications. I observed the construction activities, geotechnical and materials inspections, storm water inspections, surveying, fill placement and compaction reports, liner installation, and sod installation.

Based on these observations of the construction and on my review of all testing and inspection reports, I hereby certify that all construction activities performed in association with the landfill closure have been completed in accordance with the contract specifications and drawings. I am certifying all construction activities from Tuesday, March 8, 2016 to completion of the project.

Morgan C Crace, P.E. was the field engineer from the start of the project to March 8, 2016. He has certified the construction activities for that time period. Mr. Crace certification letter, dated April 13, 2016 is attached.

Sincerely,



Raymond Scott Ribes

Raymond Scott Ribes, P.E.
South Carolina #15758

October 20, 2016

APPENDIX J

RESERVED

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Savannah River NUCLEAR SOLUTIONS℠
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Removal Action Report for the 488-2D Ash Basin and 488-4D Ash Landfill (U)

CERCLIS Number: 63

SRNS-RP-2017-00057

Volume II (Includes Appendices K through Q)

Revision 1

September 2017

DISCLAIMER

This document was prepared in conjunction with work accomplished under Contract No. DE-AC09-08SR22470 with the U.S. Department of Energy.

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Printed in the United States of America

Prepared for
U.S. Department of Energy
and
Savannah River Nuclear Solutions, LLC
Aiken, South Carolina

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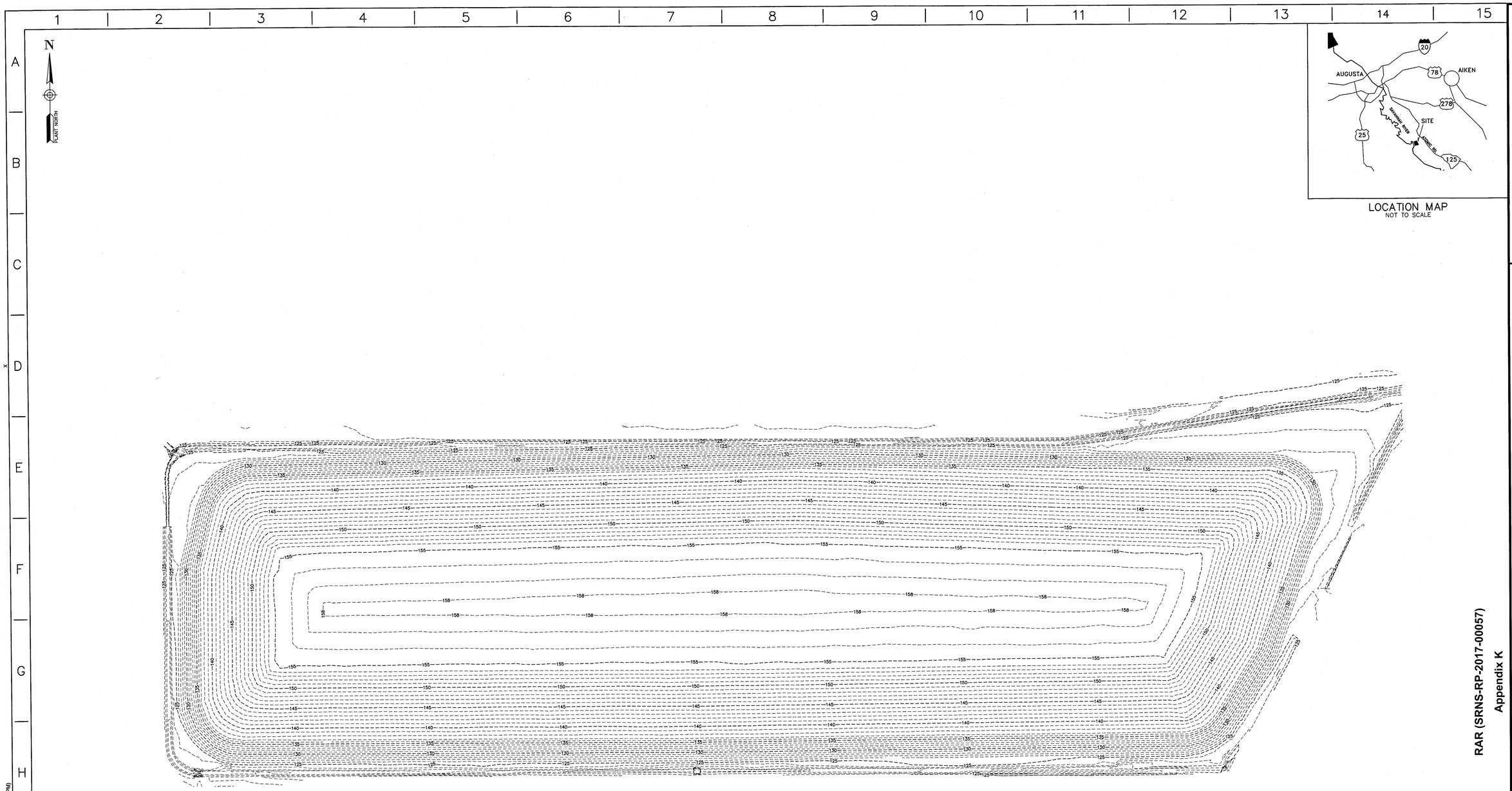
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APPENDIX K

AS-BUILT DRAWINGS

Ash Layer
6 Common Fill
GCL Liner
GDL Layer
Topsoil Cover
SSD & Utilities
Final 488-4D and 488-2D

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LOCATION MAP
NOT TO SCALE

488 2D BASIN

SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM. BENCHMARK UTILIZED PROVIDED BY SRNS.
   CONTOUR INTERVAL: 1'

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   EL: 132.69'

   PLANT MONUMENT
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   E:19958.92
   EL: 129.22'

CERTIFICATION NOTE

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12/1/2017

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

LINE LEGEND

+129.37 SPOT ELEVATION
MAJOR CONTOUR
MINOR CONTOUR

CONTOUR INTERVAL=1'

GRAPHIC SCALE
0 60' 120'
(in feet)
1" = 60'

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TOPOGRAPHIC SURVEY OF SUBGRADE SURFACE PRIOR TO PLACMENT OF 6" COVER
488-4D ASH LANDFILL CLOSURE
PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057) Appendix K

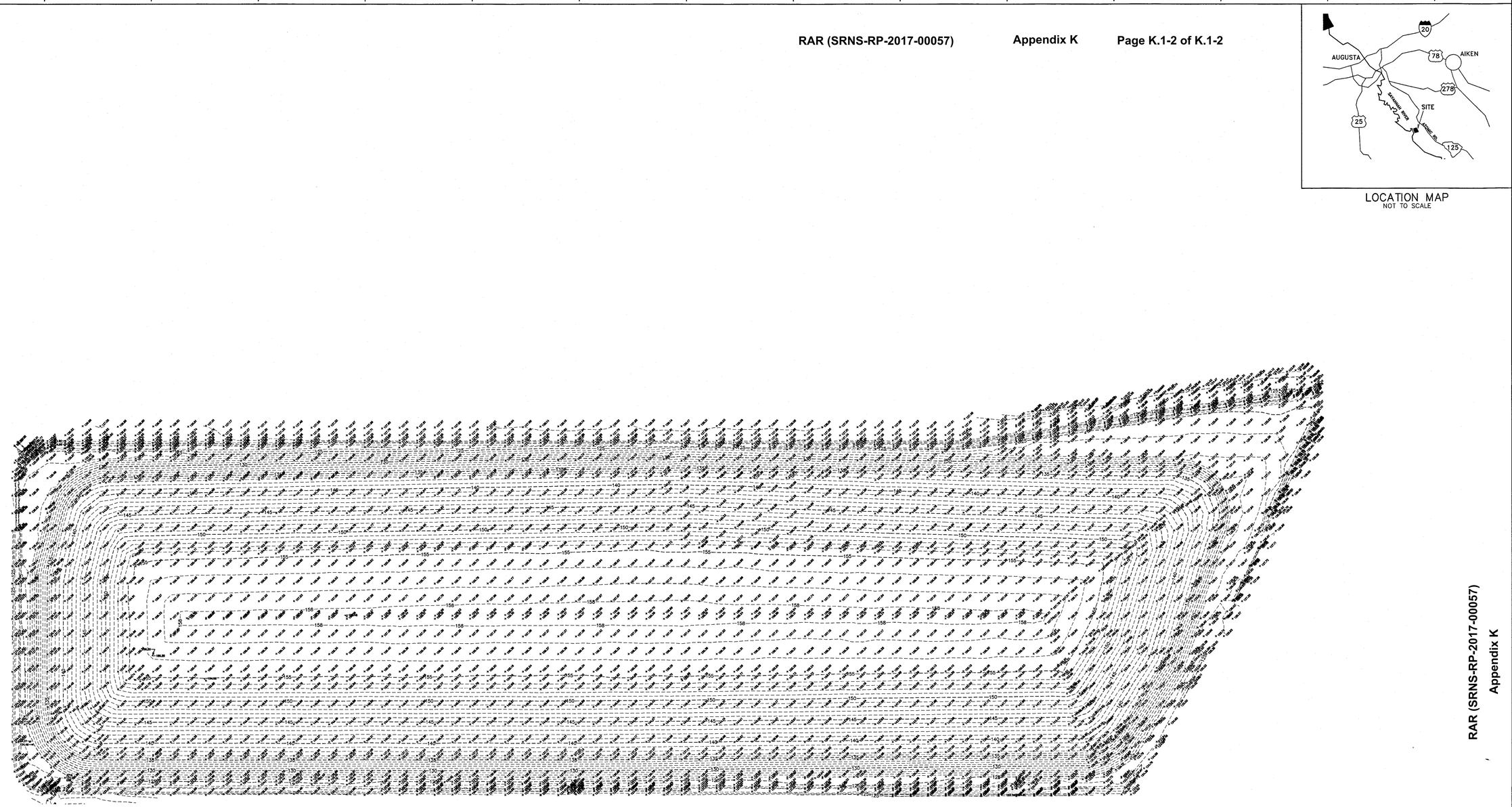
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SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR No.15513 JOSEPH L. MCINTYRE

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JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

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MINOR CONTOUR

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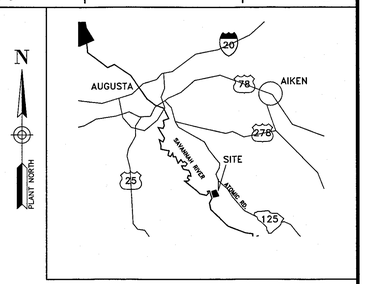
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LOCATION MAP
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ASBUILT SURVEY – GRID POINTS

SURVEY REFERENCES

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JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

LINE LEGEND

- SPOT ELEVATION
- 25' CERTIFICATION GRID
- MAJOR CONTOUR
- MINOR CONTOUR

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RAR (SRNS-RP-2017-00057) Appendix K

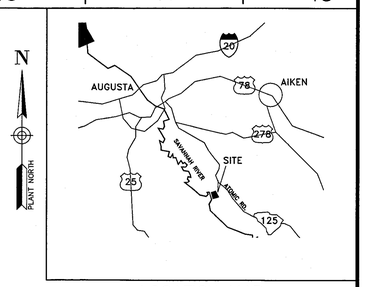
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GEL ENGINEERING, LLC No.C02649
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L. MCINTYRE

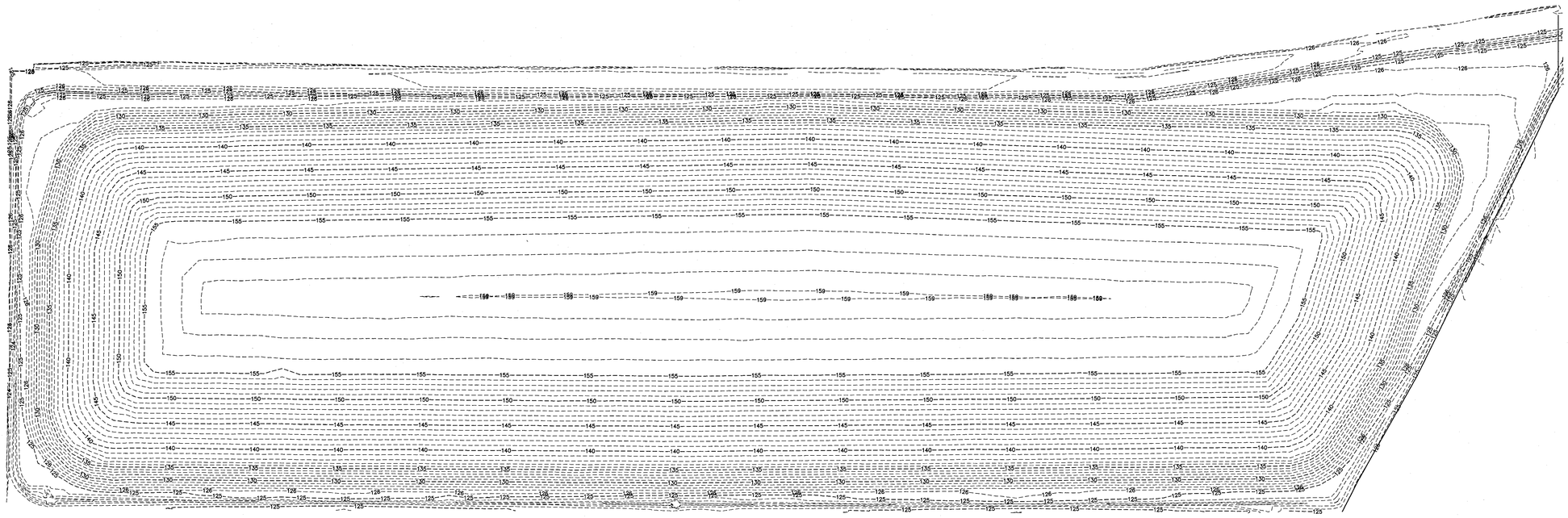
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LOCATION MAP
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ASBUILT SURVEY FINAL CONTOURS – 6" COMMON FILL COVER

SURVEY REFERENCES

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1/31/2017

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

LINE LEGEND

- SPOT ELEVATION
- 10001 / 10000 — 25' CERTIFICATION GRID
- MAJOR CONTOUR
- MINOR CONTOUR

CONTOUR INTERVAL=1'

GRAPHIC SCALE
0 60' 120'
(in feet)
1" = 60'

REVISIONS				
NO.	DATE	ISSUED BY	APPRV'D BY	DESCRIPTION

Engineering LLC
P.O. BOX 30712 Charleston, SC 29417
2040 Savage Road Charleston, SC 29407
P 843.769.7378 F 843.769.7397
www.gel.com
a member of THE GEL GROUP INC
ENVIRONMENTAL • ENGINEERING • SURVEYING
problem solved

ASBUILT SURVEY OF 6" COMMON FILL COVER
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057)
Appendix K

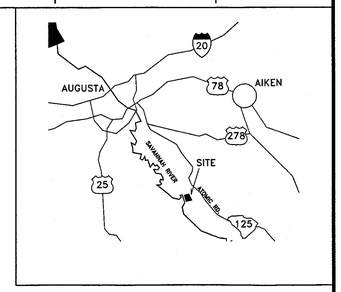
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GEL ENGINEERING, LLC
No.C02649
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L MCINTYRE

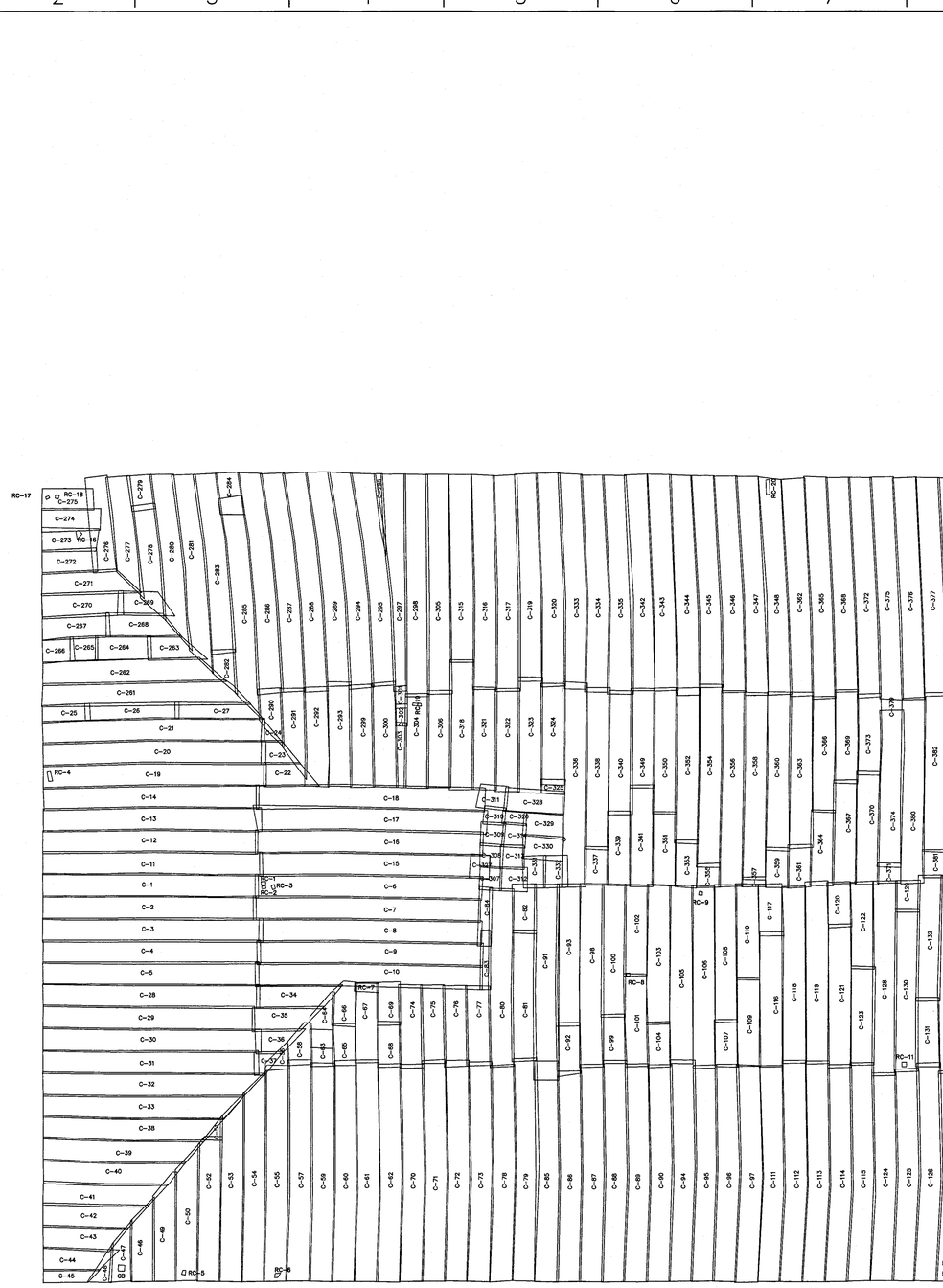
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LAST REVISED	
10/11/2016	
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APPROVED/PLOTTED	
AFP/JLM	
PROJECT NUMBER	
ENCN00115	
SHEET NUMBER	
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LOCATION MAP
NOT TO SCALE



SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM. BENCHMARK UTILIZED PROVIDED BY SRNS.

PLANT MONUMENT
N: 64846.00
E: 19958.92
EL: 132.69'

PLANT MONUMENT
N: 64070.00
E: 19958.92
EL: 129.22'

AREA SUMMARY

GEOSYNTHETIC CLAY LINER (GCL)
2D SURFACE AREA: 931,941 SF
3D SURFACE AREA: 957,996 SF

GRAPHIC SCALE
0 40' 80'
(in feet)
1" = 40'

CERTIFICATION NOTE

I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY AS SPECIFIED THEREIN.

1/31/2017

JOSEPH L. MCNITYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

REVISIONS				
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Engineering LLC
P.O. BOX 30712 Charleston, SC 29417
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ASBUILT GCL LINER
488-4D ASH LANDFILL CLOSURE
PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057)
Appendix K

SOUTH CAROLINA
GEL ENGINEERING, LLC
No.C02648
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L. MCNITYRE

DATE SURVEYED	FB
04/16-8/16	AFP

LAST REVISED
9/14/2016

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JLM/AFP

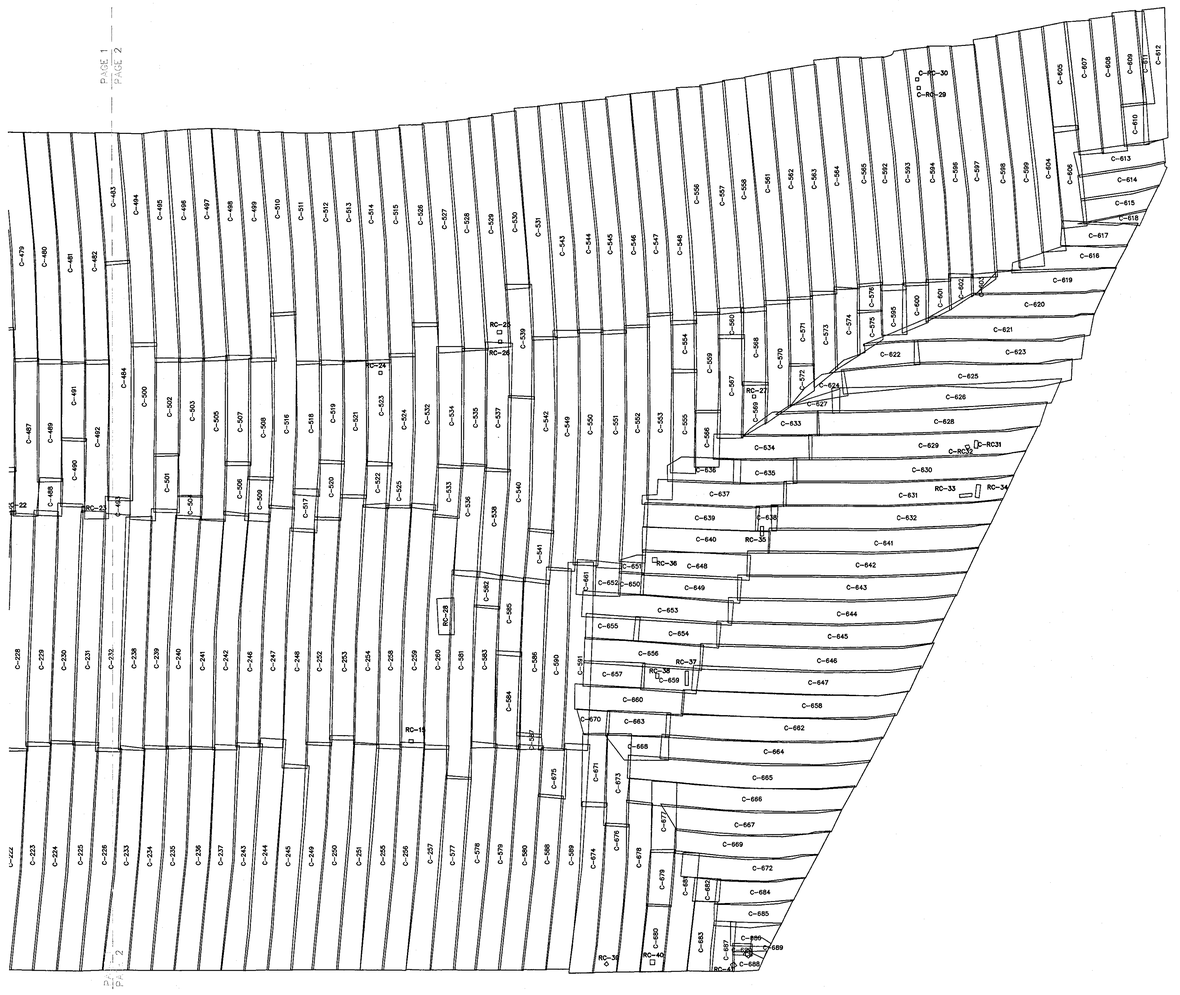
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AFP/JLM

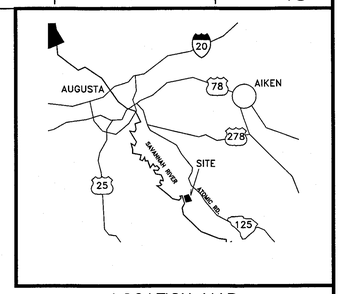
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SHEET NUMBER
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OF 2

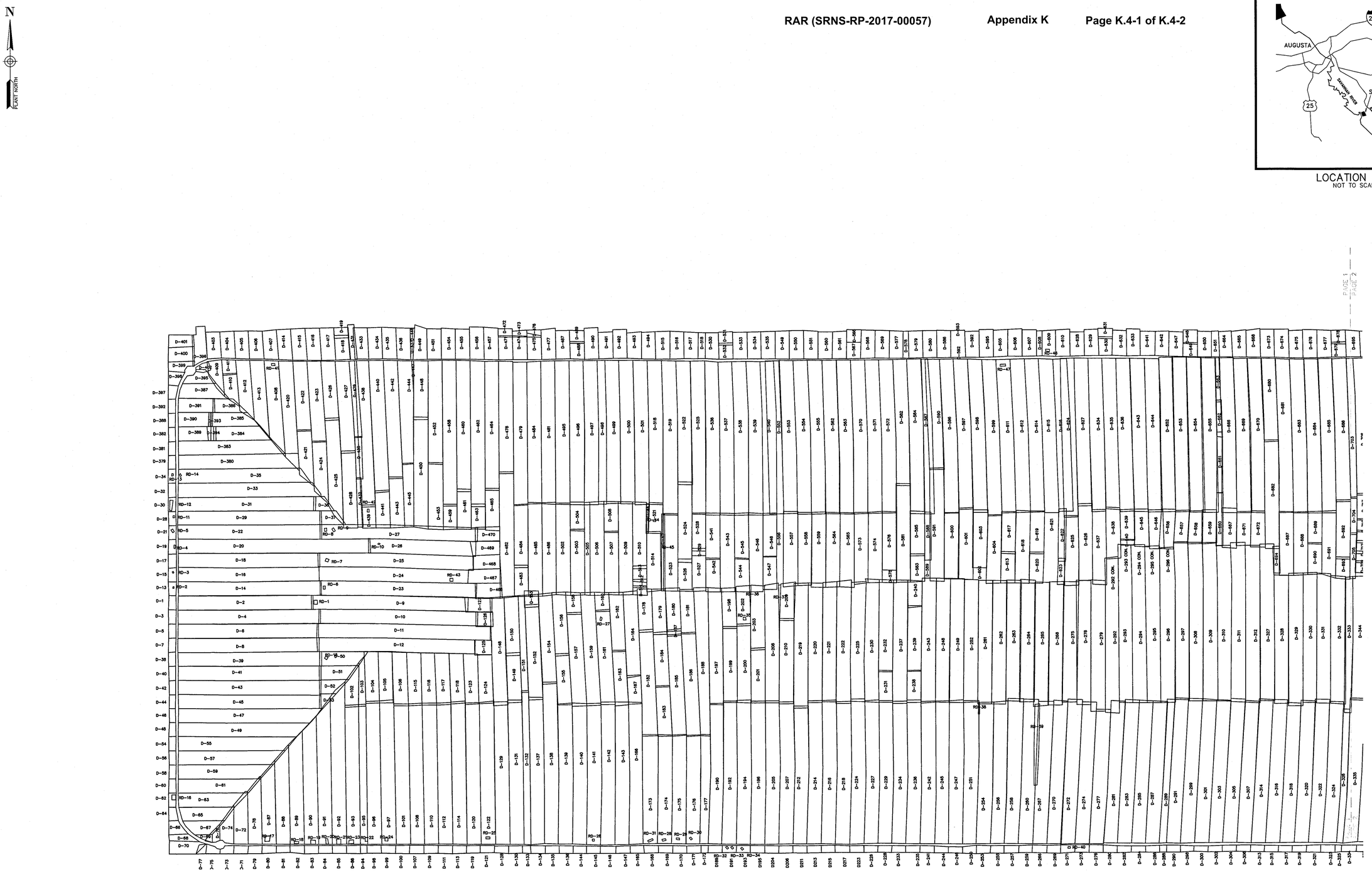
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RC-60
RC-61



LOCATION MAP
NOT TO SCALE



SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM. BENCHMARK UTILIZED PROVIDED BY SRNS.

PLANT MONUMENT
N:64846.00
E: 19958.92
EL: 132.69'

PLANT MONUMENT
N:64070.00
E:19958.92
EL:129.22'

AREA SUMMARY

GEOSYNTHETIC DRAINAGE LINER (GDL)
2D SURFACE AREA: 923,223 SF
3D SURFACE AREA: 938,002 SF

GRAPHIC SCALE
0 40' 80'
(in feet)
1" = 40'

CERTIFICATION NOTE

I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY AS SPECIFIED THEREIN.

11/21/2017

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

REVISIONS				
NO.	DATE	ISSUED BY	APPRV'D BY	DESCRIPTION

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a member of THE GEL GROUP INC
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2040 Savage Road Charleston, SC 29407
P 843.769.7378 F 843.769.7397
www.gel.com
problem solved

ASBUILT GDL LINER
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057)
Appendix K

SOUTH CAROLINA
GEL ENGINEERING, LLC No.C02649
CERTIFICATE OF AUTHORIZATION

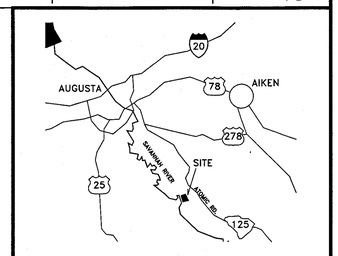
SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L MCINTYRE

DATE SURVEYED	FB
04/16-8/16	AFP
LAST REVISED	
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ENCN00115	
SHEET NUMBER	
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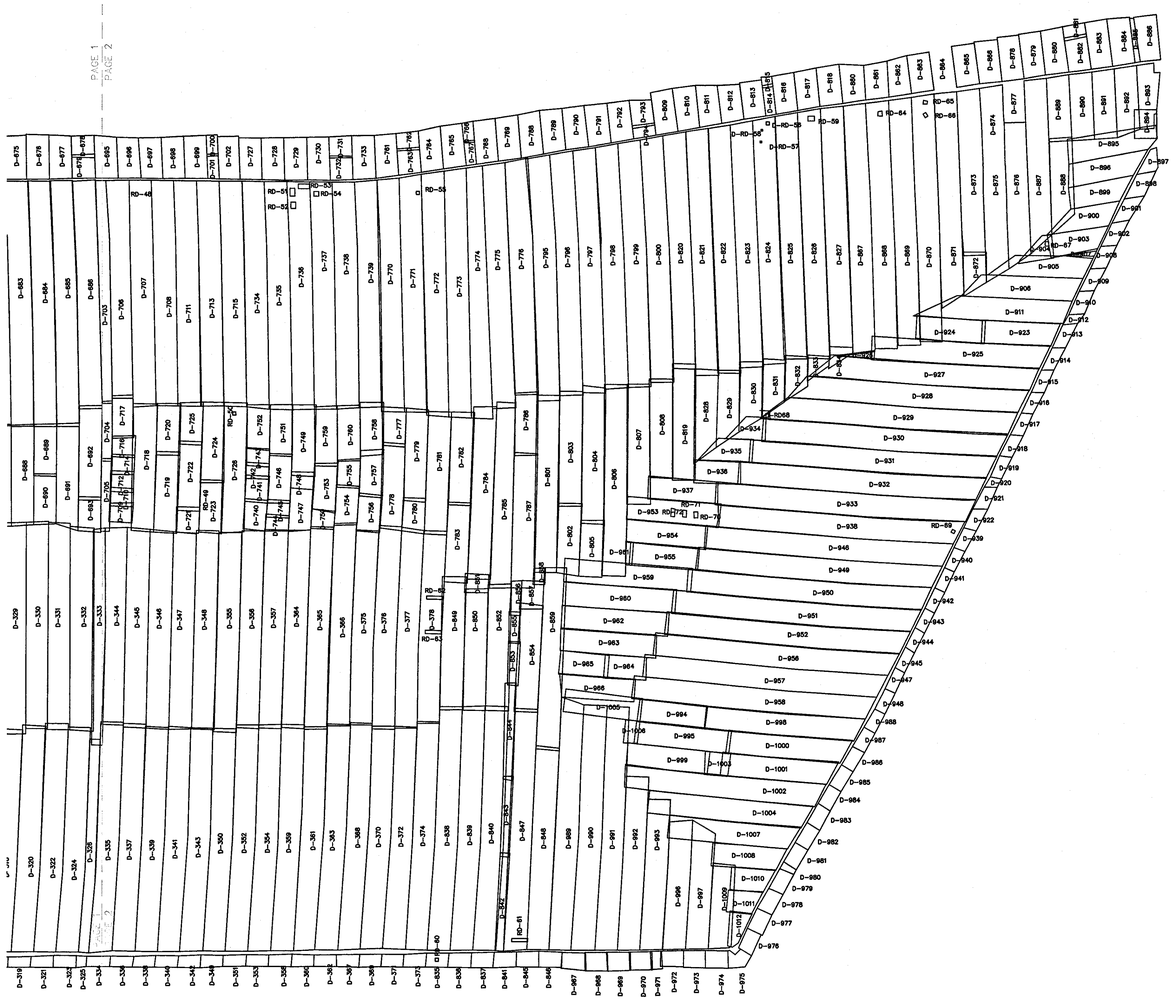
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LOCATION MAP
NOT TO SCALE



SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

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EL: 132.69'

PLANT MONUMENT
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AREA SUMMARY

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4/9/2017

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

REVISIONS				
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2040 Savage Road Charleston, SC 29407
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ASBUILT GDL LINER
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057)
Appendix K

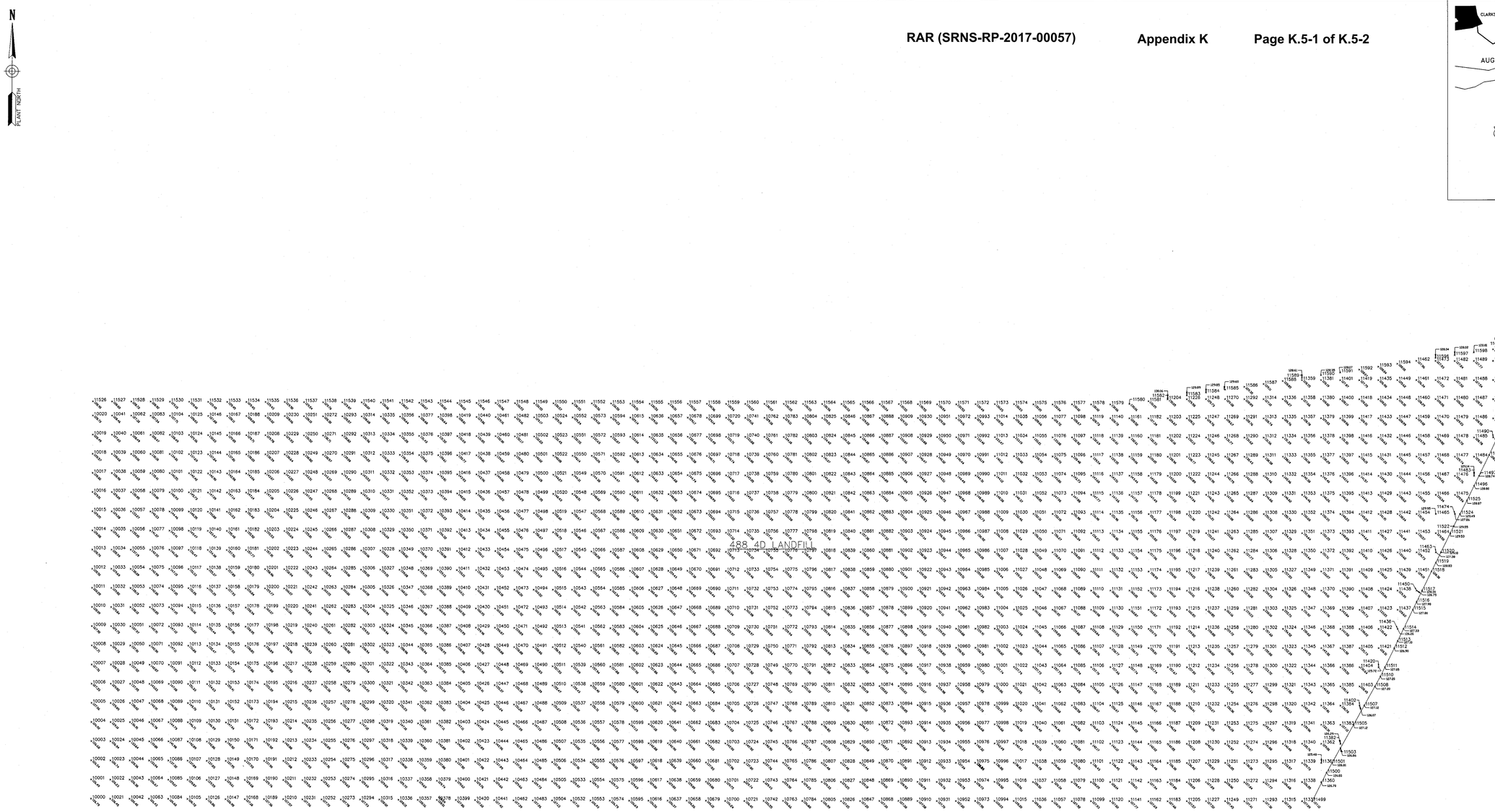
SOUTH CAROLINA
GEL ENGINEERING, LLC
No.C02649
CERTIFICATE OF AUTHORIZATION

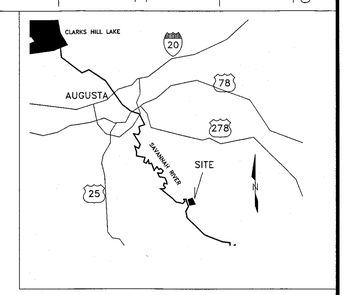
SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L. MCINTYRE

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LOCATION MAP
NOT TO SCALE

ASBUILT SURVEY FINAL GRID – TOPSOIL

SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM.
2. CONTOUR INTERVAL=1'
3. BENCHMARK UTIILIZED– GEL P.T. 24, X IN MW-D-AB-05

CERTIFICATION NOTE

I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY AS SPECIFIED THEREIN.

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

LINE LEGEND

- SPOT ELEVATION
- 25' CERTIFICATION GRID
- MAJOR CONTOUR
- MINOR CONTOUR

CONTOUR INTERVAL=1'

GRAPHIC SCALE
0 60' 120'
(In Feet)
1" = 60'

REVISIONS				
NO.	DATE	ISSUED BY	APPRV'D BY	DESCRIPTION

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ASBUILT SURVEY OF TOPSOIL COVER
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057)
Appendix K

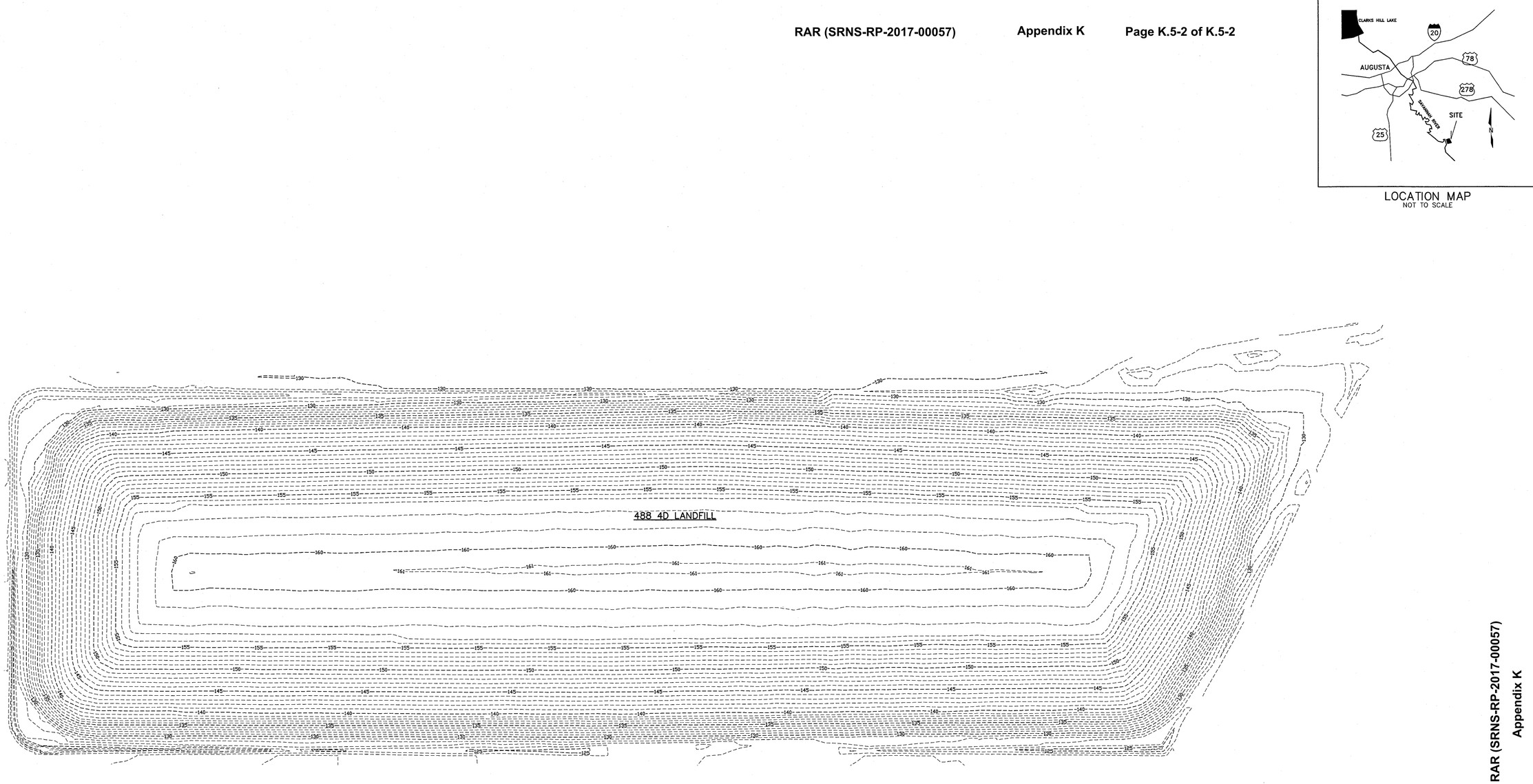
SOUTH CAROLINA
GEL ENGINEERING, LLC
No.C02649
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L. MCINTYRE

DATE SURVEYED	FB
04/16-11/22/2016	AFP
LAST REVISED	
11/23/2016	
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AFP/JLM	
PROJECT NUMBER	
ENCN00115	
SHEET NUMBER	
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OF 2	

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ASBUILT SURVEY FINAL CONTOURS – TOPSOIL

LOCATION MAP
NOT TO SCALE

SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM.
2. CONTOUR INTERVAL=1'
3. BENCHMARK UTILIZED- GEL PT. 24, X IN MW-D-AB-05

CERTIFICATION NOTE

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1/31/2017

JOSEPH L. MCINTYRE P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

LINE LEGEND

- SPOT ELEVATION
- 10001 / 10000 — 25' CERTIFICATION GRID
- MAJOR CONTOUR
- MINOR CONTOUR

CONTOUR INTERVAL=1'

GRAPHIC SCALE
0 60' 120'
(in Feet)
1" = 60'

REVISIONS				
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P 843.769.7378 F 843.769.7397
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ASBUILT SURVEY OF TOPSOIL COVER
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

RAR (SRNS-RP-2017-00057) Appendix K

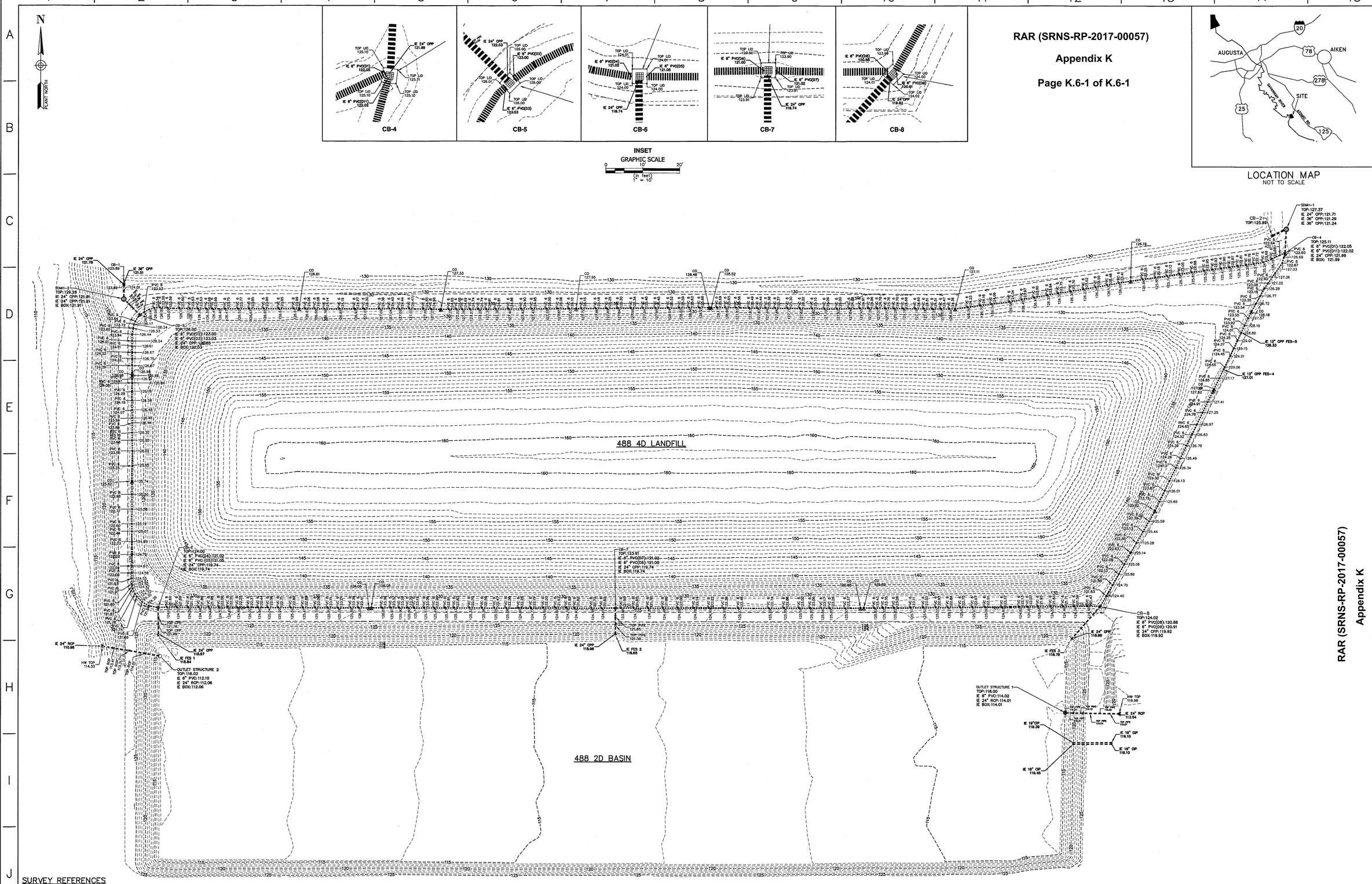
SOUTH CAROLINA — GEL ENGINEERING, LLC No.C02649 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL LAND SURVEYOR No.15513 — JOSEPH L MCINTYRE

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LAST REVISED	
11/23/2016	
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AFP/JLM	
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ENCN00115	
SHEET NUMBER	
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OF 2	

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RAR (SRNS-RP-2017-00057)

Appendix K

Page K.6-1 of K.6-1

SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM. BENCHMARK UTILIZED PROVIDED BY SRNS.

   PLANT MONUMENT
   N: 64846.00
   E: 19958.92
   EL: 132.69'

   PLANT MONUMENT
   N: 64070.00
   E: 19958.92
   EL: 129.22'

2. PVC 6: TOP OF 6" UNDERDRAIN (SSDS) WITH ASSOCIATED FINISH GRADE ELEVATION.

GRAPHIC SCALE
0 60' 120'
(in feet)
1" = 60'

CERTIFICATION NOTE

I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY, AS SPECIFIED THEREIN.

11/21/2017

JOSEPH L. MCINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

REVISIONS				
NO.	DATE	ISSUED BY	APPRV'D BY	DESCRIPTION
1.	12/12/2016	JLM	JLM	PER COMMENTS FROM SRNS

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problem solved

ASBUILT SSDS & UTILITIES
488-4D ASH LANDFILL CLOSURE

PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

SOUTH CAROLINA
GEL ENGINEERING, LLC No.C02649
CERTIFICATE OF AUTHORIZATION

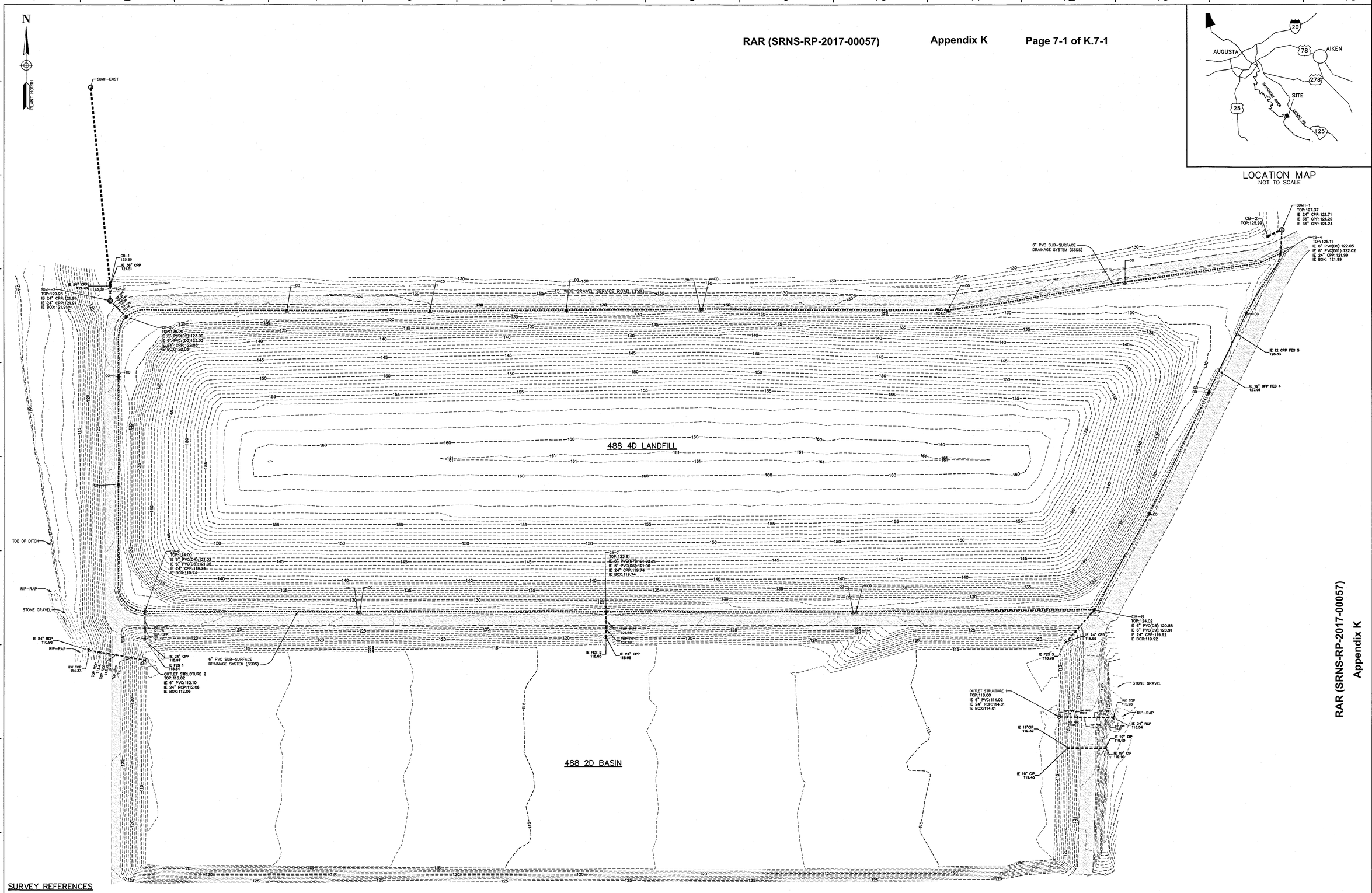
SOUTH CAROLINA
PROFESSIONAL LAND SURVEYOR
No.15513
JOSEPH L. MCINTYRE

DATE SURVEYED 04/16-10/16	FB AFP
LAST REVISED	12/12/2016
DRAWING FILENAME	Ilencon00115-488-4D-Landfill-stormdrain-asbuilt.dwg
DRAWN/CHECKED	JLM/AFP
APPROVED/PLOTTED	AFP/JLM
PROJECT NUMBER	ENCN00115
SHEET NUMBER	1
	OF 1

RAR (SRNS-RP-2017-00057)
Appendix K

THIS IS NOT A VALID, TRUE COPY OF THIS DOCUMENT UNLESS BEARING AN ORIGINAL SIGNATURE AND A RAISED, EMBOSSED SEAL OF THE ENGINEER OR SURVEYOR.

g:\le-fs\encon-env\ncon\encon00115-488-4d-landfill\dwg\asbuilt-storm\final-storm-ssds\ll\encon00115-488-4d-landfill-stormdrain-asbuilt.dwg, PAGE 1, (Plotted: 12/13/2016 1:44:11 PM)



LOCATION MAP
NOT TO SCALE

SURVEY REFERENCES

1. REFERENCE DRAWING TITLED, D-AREA OPERABLE UNIT 488-4D ASH LANDFILL CLOSURE EXISTING SITE PLAN, DRAWING NUMBER CCGD0006.

SURVEY NOTES

1. THE BEARINGS SHOWN HEREON ARE BASED ON PLANT DATUM. BENCHMARK UTILIZED PROVIDED BY SRNS.

   PLANT MONUMENT
   N:64846.00
   E: 19958.92
   EL: 132.69'

   PLANT MONUMENT
   N:64070.00
   E:19958.92
   EL:129.22'

2. PVC 6: TOP OF 6" UNDERDRAIN (SSDS) WITH ASSOCIATED FINISH GRADE ELEVATION.

GRAPHIC SCALE
0 60' 120'
(in feet)
1" = 60'

CERTIFICATION NOTE

I HEREBY STATE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A TOPOGRAPHIC SURVEY AS SPECIFIED THEREIN.

JOSEPH L. McINTYRE, P.L.S. S.C. REG. # 15513
2040 SAVAGE ROAD, CHARLESTON , S.C. 29407 (843) 769-7378

REVISIONS				
NO.	DATE	ISSUED BY	APPRV'D BY	DESCRIPTION
1.	12/14/2016	JLM	JLM	PER COMMENTS FROM SRNS

GEL Engineering LLC
P.O. BOX 30712 Charleston, SC 29417
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a member of THE GEL GROUP INC
ENVIRONMENTAL • ENGINEERING • SURVEYING
problem solved

FINAL ASH LANDFILL AND BASIN ASBUILT
488-4D ASH LANDFILL AND 488-2D BASIN CLOSURE
PREPARED FOR ENVIROCON, INC.
SAVANNAH RIVER SITE
BARNWELL COUNTY, SOUTH CAROLINA

SOUTH CAROLINA PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORIZATION GEL ENGINEERING, LLC No.C02649

SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR No.15513 JOSEPH L McINTYRE

DATE SURVEYED 04/16-11/22/2016	FB AFP
LAST REVISED	12/14/2016
DRAWING FILENAME	Illenc00115-488-4D-Final-Asbuilt-121316.dwg
DRAWN/CHECKED	JLM/AFP
APPROVED/PLOTTED	AFP/JLM
PROJECT NUMBER	ENCN00115
SHEET NUMBER	1 OF 1

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RAR (SRNS-RP-2017-00057) Appendix K

g:\s-h\encn-env\cc\enc\00115-488-4d\arc\ffl\dwg\topo\topo4_final\ffltenc00115-488-4d-final-asbuilt-121316.dwg, PAGE 1 (Plotted: 12/14/2016 2:15:05 PM)

APPENDIX L

AS-BUILT DATA

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APPENDIX L1

488-4D GCL Panel As-Built Location Table

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488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-1	64054.48	17651.34	123.82	1001
C-1	64069.89	17651.30	124.00	1002
C-1	64069.82	17684.73	129.81	1003
C-1	64070.26	17716.73	138.91	1004
C-1	64069.25	17761.55	146.39	1005
C-1	64069.47	17793.02	151.63	1006
C-1	64054.02	17793.12	151.66	1007
C-1	64054.59	17706.83	136.98	1008
C-2	64055.43	17706.85	136.99	1009
C-2	64055.29	17732.76	141.58	1010
C-2	64054.72	17764.59	146.89	1011
C-2	64055.17	17791.61	151.41	1012
C-2	64039.39	17791.67	151.41	1013
C-2	64039.18	17753.19	145.00	1014
C-2	64039.67	17707.91	137.29	1015
C-2	64039.47	17667.49	125.82	1016
C-2	64055.26	17651.39	123.83	1017
C-2	64039.90	17651.26	123.75	4905
C-3	64040.61	17651.21	123.75	4906
C-3	64024.80	17795.91	152.14	1018
C-3	64025.03	17714.04	138.37	1019
C-3	64040.74	17714.65	138.47	1020
C-3	64040.62	17796.05	152.16	1021
C-4	64026.26	17794.42	151.89	1022
C-4	64010.53	17794.52	151.91	1023
C-4	64010.42	17712.80	138.16	1024
C-4	64011.02	17651.51	123.31	1025
C-4	64026.33	17651.53	123.52	1026
C-4	64026.32	17713.96	138.36	1027
C-5	64011.94	17793.44	151.72	1028
C-5	63996.20	17793.48	151.76	1029
C-5	63996.19	17710.95	137.86	1030
C-5	63997.09	17651.54	123.20	1031
C-5	64011.97	17651.34	123.31	1032
C-6	64052.17	17939.46	158.71	1033
C-6	64067.74	17940.34	158.28	1034
C-6	64069.40	17853.39	156.81	1035
C-6	64069.35	17790.92	151.27	1036
C-6	64053.71	17790.89	151.29	1037
C-6	64053.83	17852.75	156.79	1038

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-7	64053.23	17938.77	158.75	1039
C-7	64054.78	17852.84	156.79	1040
C-7	64055.17	17789.65	151.08	1041
C-7	64039.42	17789.70	151.08	1042
C-7	64039.36	17852.37	156.77	1043
C-7	64037.76	17938.58	158.13	1044
C-8	64023.13	17939.48	157.57	1045
C-8	64038.72	17939.79	158.17	1046
C-8	64040.38	17852.29	156.77	1047
C-8	64040.42	17793.53	151.73	1048
C-8	64024.60	17793.22	151.68	1049
C-8	64024.85	17851.07	156.70	1050
C-9	64024.14	17940.60	157.62	1051
C-9	64026.04	17851.27	156.72	1052
C-9	64025.71	17792.03	151.48	1053
C-9	64010.04	17792.28	151.52	1054
C-9	64010.41	17850.32	156.60	1055
C-9	64008.25	17940.14	156.97	1056
C-10	63993.45	17939.86	156.39	1057
C-10	64009.38	17940.03	157.02	1058
C-10	64011.41	17850.35	156.60	1059
C-10	64011.33	17790.86	151.27	1060
C-10	63995.63	17791.08	151.35	1061
C-10	63996.04	17849.40	156.37	1062
C-11	64069.22	17651.34	123.99	1063
C-11	64068.97	17724.39	140.19	1064
C-11	64068.25	17796.05	152.14	1065
C-11	64083.87	17795.61	152.05	1066
C-11	64084.66	17723.96	140.13	1067
C-11	64084.36	17651.38	124.14	1068
C-12	64082.96	17651.29	124.13	1069
C-12	64083.59	17723.85	140.11	1070
C-12	64082.61	17792.59	151.55	1071
C-12	64098.05	17792.80	151.57	1072
C-12	64099.20	17723.46	140.07	1073
C-12	64098.14	17651.34	124.22	1074

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-13	64097.25	17651.76	124.21	1075
C-13	64098.15	17723.17	140.02	1076
C-13	64097.10	17792.75	151.57	1077
C-13	64097.62	17795.41	152.01	1078
C-13	64113.04	17795.16	151.67	1079
C-13	64113.82	17722.52	139.87	1080
C-13	64112.48	17651.63	124.36	1081
C-14	64111.28	17652.22	124.39	1082
C-14	64112.84	17722.46	139.88	1083
C-14	64112.38	17793.31	151.40	1084
C-14	64127.93	17793.61	150.86	1085
C-14	64128.18	17721.34	139.15	1086
C-14	64126.37	17651.65	124.57	1087
C-15	64068.32	17849.42	156.66	1088
C-15	64066.51	17944.37	158.34	1089
C-15	64081.95	17944.78	157.72	1090
C-15	64084.14	17849.86	156.64	1091
C-15	64083.64	17793.78	151.75	1092
C-15	64067.95	17793.88	151.77	1093
C-16	64083.09	17849.69	156.65	1094
C-16	64081.30	17940.22	157.74	1095
C-16	64097.04	17940.69	157.12	1096
C-16	64099.15	17851.09	156.56	1097
C-16	64098.56	17791.04	151.28	1098
C-16	64082.87	17791.06	151.29	1099
C-16	64082.94	17793.72	151.74	1100
C-17	64098.06	17850.77	156.56	1101
C-17	64095.57	17942.68	157.18	1102
C-17	64111.24	17943.62	156.57	1103
C-17	64113.75	17850.73	156.19	1104
C-17	64114.73	17789.52	150.71	1105
C-17	64097.48	17792.68	151.55	1106
C-18	64112.00	17791.59	151.14	1107
C-18	64112.77	17850.14	156.24	1108
C-18	64110.38	17941.52	156.60	1109
C-18	64126.01	17942.12	155.98	1110
C-18	64128.34	17850.23	155.61	1111
C-18	64127.75	17791.60	150.55	1112

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-19	64126.84	17713.20	137.87	1113
C-19	64127.31	17798.26	151.62	1114
C-19	64142.56	17798.34	151.03	1115
C-19	64143.07	17716.57	137.79	1116
C-19	64141.02	17651.74	125.11	1117
C-19	64125.47	17651.66	124.52	1118
C-20	64141.84	17716.69	137.86	1119
C-20	64141.34	17797.97	151.02	1120
C-20	64157.13	17798.17	150.39	1121
C-20	64157.71	17719.37	137.63	1122
C-20	64155.71	17651.54	124.68	1123
C-20	64140.09	17651.63	124.94	1124
C-21	64156.74	17718.87	137.55	1125
C-21	64156.42	17797.22	150.28	1126
C-21	64171.82	17797.30	148.84	1127
C-21	64172.11	17721.54	137.24	1128
C-21	64154.62	17651.66	124.69	1129
C-21	64169.75	17651.21	124.61	1130
C-22	64142.78	17796.67	150.76	1131
C-22	64142.57	17820.01	154.10	1132
C-22	64127.24	17833.01	155.66	1133
C-22	64126.71	17796.46	151.36	1134
C-23	64157.11	17795.13	149.92	1135
C-23	64157.11	17808.21	151.53	1136
C-23	64141.66	17820.96	154.27	1137
C-23	64141.55	17794.80	150.51	1138
C-24	64171.90	17795.59	148.66	1139
C-24	64155.99	17808.90	151.69	1140
C-24	64156.33	17794.68	149.89	1141
C-25	64170.51	17682.78	127.33	1142
C-25	64181.58	17682.18	127.36	1143
C-25	64168.73	17651.21	124.62	1144
C-25	64180.20	17651.15	124.76	1145
C-26	64171.37	17741.07	140.64	1146
C-26	64182.31	17741.12	140.23	1147
C-26	64181.52	17678.93	127.23	1148
C-26	64170.27	17679.38	127.21	1149

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-27	64182.03	17787.27	146.70	1150
C-27	64171.05	17796.60	148.86	1151
C-27	64171.26	17738.49	140.22	1152
C-27	64182.23	17738.40	139.78	1153
C-28	63982.62	17651.56	123.19	1154
C-28	63981.77	17710.85	137.90	1155
C-28	63981.22	17793.86	151.80	1156
C-28	63996.92	17793.99	151.85	1157
C-28	63997.25	17710.80	137.83	1158
C-29	63968.11	17651.36	123.12	1159
C-29	63967.24	17709.85	137.76	1160
C-29	63966.90	17790.79	151.32	1161
C-29	63982.73	17790.49	151.24	1162
C-29	63982.75	17710.68	137.86	1163
C-29	63983.62	17651.70	123.20	1164
C-30	63953.19	17651.41	123.05	1165
C-30	63952.57	17709.59	137.72	1166
C-30	63952.50	17794.81	151.39	1167
C-30	63967.71	17794.88	151.91	1168
C-30	63968.18	17709.92	137.77	1169
C-30	63968.99	17651.39	123.13	1170
C-31	63953.96	17651.36	123.05	1171
C-31	63938.69	17651.50	122.81	1172
C-31	63938.17	17709.13	137.61	1173
C-31	63937.95	17793.45	149.87	1174
C-31	63953.58	17793.12	151.23	1175
C-31	63953.64	17709.57	137.71	1176
C-32	63923.71	17651.61	122.75	1177
C-32	63923.10	17709.10	137.64	1178
C-32	63923.11	17783.06	147.08	1179
C-32	63938.75	17797.68	150.23	1180
C-32	63939.05	17709.09	137.61	1181
C-32	63939.73	17651.29	123.35	1182
C-33	63924.89	17651.64	122.79	1183
C-33	63909.94	17651.65	122.82	1184
C-33	63908.40	17713.94	137.92	1185
C-33	63908.33	17769.91	144.73	1186
C-33	63924.37	17784.24	147.36	1187
C-33	63924.11	17709.07	137.63	1188

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-34	63981.23	17791.68	151.44	1189
C-34	63996.67	17791.78	151.47	1190
C-34	63996.78	17848.34	156.40	1191
C-34	63980.99	17835.12	155.84	1192
C-35	63982.52	17836.01	155.89	1193
C-35	63981.94	17789.08	151.01	1194
C-35	63966.05	17788.93	151.01	1195
C-35	63966.31	17820.27	154.79	1196
C-36	63951.47	17808.47	152.46	1197
C-36	63951.42	17791.40	150.87	1198
C-36	63967.46	17790.90	151.33	1199
C-36	63967.73	17824.01	155.18	1200
C-37	63952.85	17809.41	152.68	1201
C-37	63952.74	17790.23	150.80	1202
C-37	63937.36	17790.34	149.61	1203
C-37	63937.40	17797.25	150.02	1204
C-38	63911.00	17651.70	122.90	1205
C-38	63909.26	17708.50	136.88	1206
C-38	63909.21	17770.91	144.89	1207
C-38	63893.67	17757.17	141.92	1208
C-38	63893.89	17709.77	135.50	1209
C-38	63895.68	17651.63	122.65	1210
C-39	63881.24	17651.52	122.96	1211
C-39	63879.37	17705.32	132.30	1212
C-39	63879.28	17744.77	139.25	1213
C-39	63894.90	17758.17	142.14	1214
C-39	63894.62	17709.94	135.65	1215
C-39	63896.93	17651.59	122.66	1216
C-40	63880.25	17705.30	132.43	1217
C-40	63880.25	17745.47	139.39	1218
C-40	63864.87	17733.60	135.29	1219
C-40	63864.97	17696.09	127.19	1220
C-40	63866.26	17651.89	122.37	1221
C-40	63882.26	17651.64	122.53	1222

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-41	63852.21	17651.36	122.26	1223
C-41	63867.93	17651.72	122.39	1224
C-41	63866.22	17695.94	127.37	1225
C-41	63865.80	17734.05	135.57	1226
C-41	63850.69	17719.93	129.46	1227
C-42	63852.02	17721.19	130.03	1228
C-42	63836.59	17707.07	124.65	1229
C-42	63837.76	17651.38	122.46	1230
C-42	63853.63	17651.43	122.23	1231
C-43	63838.97	17651.43	122.32	1232
C-43	63837.30	17707.71	124.68	1233
C-43	63821.63	17695.04	122.68	1234
C-43	63823.78	17651.63	122.97	1235
C-44	63824.55	17651.68	122.95	1236
C-44	63822.73	17701.75	123.00	1237
C-44	63809.10	17687.77	122.45	1238
C-44	63808.88	17651.66	124.55	1239
C-45	63809.92	17689.22	121.84	1240
C-45	63801.38	17681.12	124.31	1241
C-45	63801.10	17651.62	124.62	1242
C-45	63809.87	17651.72	124.54	1243
C-46	63827.57	17724.86	124.45	1244
C-46	63801.76	17724.95	124.34	1245
C-46	63801.74	17709.24	124.22	1246
C-46	63825.02	17708.72	124.09	1247
C-46	63841.78	17709.01	125.06	1248
C-46	63857.44	17724.72	131.98	1249
C-47	63825.16	17709.76	124.11	1250
C-47	63802.19	17709.94	124.16	1251
C-47	63801.50	17694.70	124.25	1252
C-47	63826.46	17696.61	123.75	1253
C-47	63842.26	17710.02	125.39	1254
C-48	63801.24	17696.40	124.26	1255
C-48	63801.59	17680.68	124.32	1256
C-48	63827.66	17697.71	124.11	1257

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-49	63858.92	17739.43	134.65	1258
C-49	63873.89	17739.61	137.89	1259
C-49	63873.70	17736.57	137.58	1260
C-49	63858.00	17723.72	131.87	1261
C-49	63801.80	17723.63	124.33	1262
C-49	63802.00	17739.21	124.41	1263
C-50	63802.13	17738.38	124.40	1264
C-50	63802.45	17753.25	124.46	1265
C-50	63858.64	17754.20	136.22	1266
C-50	63893.01	17754.68	141.67	1267
C-50	63875.18	17738.54	138.04	1268
C-50	63859.22	17738.40	134.59	1269
C-51	63911.37	17769.62	145.02	1270
C-51	63894.91	17769.38	143.01	1271
C-51	63894.93	17756.65	142.03	1272
C-52	63858.95	17768.76	137.48	1273
C-52	63897.30	17769.54	143.34	1274
C-52	63897.29	17757.84	142.38	1275
C-52	63891.90	17753.42	141.45	1276
C-52	63858.81	17753.23	136.19	1277
C-52	63802.01	17752.56	124.48	1278
C-52	63801.89	17767.94	124.56	1279
C-53	63801.98	17767.19	124.56	1280
C-53	63801.56	17782.56	124.64	1281
C-53	63860.75	17783.86	137.90	1282
C-53	63926.12	17784.05	147.64	1283
C-53	63909.79	17768.12	144.67	1284
C-53	63858.84	17768.22	137.42	1285
C-54	63801.88	17796.99	124.70	1286
C-54	63861.39	17798.47	138.01	1287
C-54	63940.67	17798.40	150.54	1288
C-54	63925.66	17783.07	147.50	1289
C-54	63863.83	17783.08	138.41	1290
C-54	63801.77	17781.93	124.63	1291

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-55	63802.08	17811.51	124.77	1292
C-55	63860.05	17813.82	137.75	1293
C-55	63943.82	17813.58	151.58	1294
C-55	63944.14	17798.83	151.04	1295
C-55	63942.47	17797.63	150.74	1296
C-55	63860.98	17797.35	137.94	1297
C-55	63801.85	17796.30	124.70	1298
C-56	63940.49	17797.65	150.47	1299
C-56	63945.41	17797.66	151.14	1300
C-56	63959.63	17812.36	153.70	1301
C-56	63941.65	17813.58	151.29	1302
C-57	63802.12	17810.89	124.77	1303
C-57	63860.00	17812.45	137.74	1304
C-57	63947.49	17812.51	152.05	1305
C-57	63947.66	17828.28	152.40	1306
C-57	63859.49	17828.66	137.60	1307
C-57	63802.12	17827.10	124.86	1308
C-58	63944.53	17828.42	151.88	1309
C-58	63971.52	17827.75	155.49	1310
C-58	63971.87	17822.93	155.34	1311
C-58	63958.86	17811.76	153.60	1312
C-58	63943.77	17812.39	151.54	1313
C-59	63801.62	17841.73	125.00	1314
C-59	63862.63	17843.38	138.18	1315
C-59	63945.28	17843.36	151.99	1316
C-59	63945.64	17827.24	152.06	1317
C-59	63863.88	17827.42	138.38	1318
C-59	63802.13	17826.07	124.86	1319
C-60	63946.97	17842.77	152.27	1320
C-60	63862.77	17842.37	138.20	1321
C-60	63801.79	17840.93	124.99	1322
C-60	63801.98	17856.12	125.08	1323
C-60	63862.19	17858.29	138.13	1324
C-60	63947.53	17857.26	152.39	1325

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-61	63947.63	17856.44	152.40	1326
C-61	63862.19	17857.32	138.13	1327
C-61	63801.97	17855.59	125.07	1328
C-61	63801.75	17871.34	125.16	1329
C-61	63861.35	17872.99	137.98	1330
C-61	63947.76	17871.66	152.41	1331
C-62	63801.33	17885.82	125.24	1332
C-62	63859.36	17888.02	137.66	1333
C-62	63905.05	17887.71	145.32	1334
C-62	63945.06	17886.49	151.94	1335
C-62	63944.77	17871.10	151.92	1336
C-62	63904.90	17871.92	145.29	1337
C-62	63861.53	17872.34	138.01	1338
C-62	63801.75	17870.22	125.15	1339
C-63	63967.13	17842.14	155.33	1340
C-63	63943.37	17843.29	151.67	1341
C-63	63943.01	17827.47	151.62	1342
C-63	63967.56	17826.62	155.34	1343
C-64	63954.86	17841.90	153.58	1344
C-64	63992.21	17842.95	156.23	1345
C-64	63992.38	17841.02	156.19	1346
C-64	63975.73	17826.71	155.59	1347
C-64	63955.43	17827.22	153.64	1348
C-65	63944.00	17857.27	151.80	1349
C-65	63943.68	17841.58	151.72	1350
C-65	63970.92	17841.33	155.46	1351
C-65	63971.50	17856.32	155.56	1352
C-66	63969.14	17856.38	155.48	1353
C-66	63998.43	17857.88	156.46	1354
C-66	63999.27	17848.93	156.47	1355
C-66	63992.91	17841.73	156.22	1356
C-66	63969.99	17841.00	155.42	1357
C-67	63945.84	17871.83	152.10	1358
C-67	63998.36	17871.57	156.54	1359
C-67	63998.34	17856.48	156.46	1360
C-67	63945.61	17856.37	152.07	1361

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-68	63972.49	17885.91	155.54	1362
C-68	63942.88	17886.61	151.58	1363
C-68	63942.60	17871.03	151.56	1364
C-68	63972.92	17870.75	155.59	1365
C-69	63970.15	17870.74	155.48	1366
C-69	63970.41	17886.25	155.46	1367
C-69	63998.76	17885.97	156.59	1368
C-69	63998.37	17870.52	156.53	1369
C-70	63801.78	17900.93	125.30	1370
C-70	63801.65	17885.46	125.24	1371
C-70	63871.12	17887.23	139.62	1372
C-70	63944.47	17885.62	151.84	1373
C-70	63944.79	17901.46	151.88	1374
C-70	63870.42	17903.02	139.51	1375
C-71	63801.81	17915.77	125.35	1376
C-71	63801.84	17900.19	125.30	1377
C-71	63870.24	17902.16	139.47	1378
C-71	63946.93	17900.30	152.23	1379
C-71	63947.84	17915.87	152.40	1380
C-71	63869.65	17917.93	139.39	1381
C-72	63868.78	17932.94	139.27	1382
C-72	63947.36	17931.41	152.37	1383
C-72	63947.14	17915.58	152.28	1384
C-72	63869.56	17916.84	139.37	1385
C-72	63802.06	17915.02	125.35	1386
C-72	63801.79	17930.13	125.41	1387
C-73	63946.52	17946.37	152.23	1388
C-73	63946.09	17930.79	152.15	1389
C-73	63868.49	17931.73	139.22	1390
C-73	63801.81	17929.62	125.41	1391
C-73	63801.55	17944.91	125.42	1392
C-73	63867.18	17947.45	138.99	1393
C-74	63996.78	17900.40	156.50	1394
C-74	63942.24	17901.60	151.46	1395
C-74	63941.96	17885.76	151.43	1396
C-74	63996.84	17884.79	156.51	1397

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-75	63996.54	17899.38	156.49	1398
C-75	63996.61	17915.11	156.51	1399
C-75	63945.23	17916.16	151.97	1400
C-75	63945.13	17900.06	151.93	1401
C-76	63996.23	17929.88	156.51	1402
C-76	63943.35	17930.95	151.70	1403
C-76	63942.58	17915.11	151.52	1404
C-76	63996.16	17913.91	156.49	1405
C-77	63995.98	17944.89	156.49	1406
C-77	63944.11	17945.86	151.82	1407
C-77	63943.40	17929.82	151.71	1408
C-77	63996.09	17928.92	156.50	1409
C-78	63802.27	17960.03	125.50	1410
C-78	63878.85	17962.46	140.96	1411
C-78	63944.74	17961.22	151.90	1412
C-78	63943.78	17945.46	151.76	1413
C-78	63878.46	17946.49	140.90	1414
C-78	63801.42	17944.59	125.41	1415
C-79	63801.97	17974.42	125.52	1416
C-79	63879.06	17977.35	140.98	1417
C-79	63948.91	17975.68	152.61	1418
C-79	63948.35	17960.29	152.52	1419
C-79	63878.76	17961.69	140.94	1420
C-79	63802.22	17959.42	125.50	1421
C-80	63995.63	17943.86	156.48	1422
C-80	64060.16	17944.61	158.58	1423
C-80	64059.64	17960.68	158.58	1424
C-80	63992.44	17960.11	156.38	1425
C-80	63943.25	17960.69	151.65	1426
C-80	63942.59	17944.99	151.56	1427
C-81	63946.42	17959.37	152.19	1428
C-81	63947.15	17975.44	152.31	1429
C-81	63992.86	17974.71	156.45	1430
C-81	64032.76	17975.53	157.99	1431
C-81	64032.72	17959.71	157.97	1432
C-81	63992.19	17958.77	156.37	1433

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-82	64030.87	17959.79	157.90	1434
C-82	64030.13	17975.55	157.88	1435
C-82	64063.05	17975.48	158.40	1436
C-82	64062.91	17959.42	158.46	1437
C-83	64032.73	17938.93	157.95	1438
C-83	64032.51	17945.28	157.95	1439
C-83	63993.66	17945.37	156.40	1440
C-83	63993.62	17938.49	156.40	1441
C-84	64061.21	17938.12	158.54	1442
C-84	64060.65	17946.53	158.57	1443
C-84	64022.05	17945.74	157.54	1444
C-84	64022.23	17936.69	157.53	1445
C-85	63801.63	17974.15	125.48	1446
C-85	63801.47	17989.84	125.61	1447
C-85	63871.61	17991.33	139.76	1448
C-85	63946.85	17989.78	152.31	1449
C-85	63946.80	17974.32	152.25	1450
C-85	63872.04	17975.17	139.80	1451
C-86	63801.69	18004.47	125.81	1452
C-86	63871.63	18006.01	139.78	1453
C-86	63940.15	18005.06	151.23	1454
C-86	63939.97	17989.11	151.15	1455
C-86	63871.32	17990.34	139.71	1456
C-86	63801.65	17988.75	125.59	1457
C-87	63801.53	18019.24	125.87	1458
C-87	63871.64	18021.09	139.78	1459
C-87	63944.64	18019.87	151.96	1460
C-87	63944.40	18004.10	151.95	1461
C-87	63871.60	18005.09	139.77	1462
C-87	63801.70	18003.47	125.80	1463
C-88	63801.45	18018.10	125.87	1464
C-88	63801.65	18033.16	125.92	1465
C-88	63870.52	18036.03	139.59	1466
C-88	63947.28	18034.64	152.39	1467
C-88	63947.19	18018.92	152.39	1468
C-88	63871.31	18019.95	139.73	1469

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-89	63801.52	18048.32	125.99	1470
C-89	63869.45	18050.58	139.38	1471
C-89	63945.07	18049.07	152.02	1472
C-89	63944.73	18033.48	151.97	1473
C-89	63870.47	18034.90	139.58	1474
C-89	63801.65	18032.36	125.92	1475
C-90	63944.40	18064.29	151.90	1476
C-90	63944.32	18048.57	151.89	1477
C-90	63869.03	18049.72	139.31	1478
C-90	63801.80	18047.30	125.98	1479
C-90	63801.74	18063.08	125.94	1480
C-90	63868.46	18065.51	139.19	1481
C-91	64062.82	17990.36	158.48	1482
C-91	64062.63	17974.36	158.42	1483
C-91	64001.18	17973.40	156.79	1484
C-91	63934.28	17973.68	150.15	1485
C-91	63934.21	17990.26	150.19	1486
C-91	63997.68	17989.30	156.66	1487
C-92	63936.33	17989.23	150.54	1488
C-92	63938.59	18004.82	150.97	1489
C-92	63972.03	18004.13	155.64	1490
C-92	63971.82	17988.34	155.58	1491
C-93	63997.76	18003.54	156.66	1492
C-93	64063.05	18004.68	158.53	1493
C-93	64062.99	17989.06	158.46	1494
C-93	63997.28	17988.00	156.65	1495
C-93	63969.46	17988.37	155.34	1496
C-93	63969.67	18004.15	155.55	1497
C-94	63947.59	18062.84	152.43	1498
C-94	63947.38	18079.38	152.35	1499
C-94	63877.37	18080.50	140.67	1500
C-94	63801.96	18077.59	125.87	1501
C-94	63801.70	18062.17	125.95	1502
C-94	63879.57	18064.37	141.05	1503

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-95	63944.05	18093.63	151.79	1504
C-95	63943.74	18078.12	151.75	1505
C-95	63877.29	18079.45	140.66	1506
C-95	63801.66	18076.55	125.87	1507
C-95	63801.95	18092.07	125.81	1508
C-95	63876.23	18094.48	140.49	1509
C-96	63875.07	18109.66	140.28	1510
C-96	63801.41	18106.20	125.75	1511
C-96	63801.81	18090.95	125.82	1512
C-96	63876.41	18093.49	140.52	1513
C-96	63944.40	18092.61	151.85	1514
C-96	63944.54	18107.93	151.87	1515
C-97	63943.68	18121.90	151.74	1516
C-97	63944.06	18106.48	151.79	1517
C-97	63874.56	18108.68	140.20	1518
C-97	63800.96	18105.36	125.77	1519
C-97	63801.22	18120.75	125.68	1520
C-97	63870.69	18124.37	139.53	1521
C-98	63942.78	18019.54	151.65	1522
C-98	63942.33	18003.79	151.60	1523
C-98	64063.11	18003.84	158.52	1524
C-98	64063.05	18019.66	158.57	1525
C-99	63977.67	18033.17	155.86	1526
C-99	63977.05	18018.02	155.85	1527
C-99	63945.06	18018.89	152.04	1528
C-99	63945.36	18034.61	152.07	1529
C-100	64062.66	18034.29	158.63	1530
C-100	64063.04	18018.57	158.57	1531
C-100	63975.39	18017.81	155.78	1532
C-100	63975.50	18033.58	155.77	1533
C-101	63943.25	18049.28	151.71	1534
C-101	63942.93	18033.57	151.66	1535
C-101	64004.17	18032.45	156.94	1536
C-101	64003.83	18047.33	156.93	1537
C-102	64062.89	18033.38	158.62	1538
C-102	64062.15	18048.90	158.68	1539
C-102	64002.67	18047.84	156.88	1540
C-102	64002.57	18032.54	156.88	1541

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-103	63971.10	18062.63	155.55	1542
C-103	64062.29	18063.67	158.65	1543
C-103	64062.90	18048.01	158.65	1544
C-103	63970.70	18047.49	155.55	1545
C-104	63942.95	18063.46	151.66	1546
C-104	63972.69	18062.85	155.62	1547
C-104	63972.18	18047.50	155.61	1548
C-104	63942.30	18048.24	151.55	1549
C-105	64062.08	18078.18	158.64	1550
C-105	63944.89	18078.05	151.94	1551
C-105	63945.20	18062.75	152.03	1552
C-105	64061.66	18062.71	158.68	1553
C-106	64061.37	18092.44	158.71	1554
C-106	63941.97	18092.82	151.45	1555
C-106	63941.65	18078.17	151.41	1556
C-106	64061.72	18077.20	158.66	1557
C-107	63973.94	18106.91	155.68	1558
C-107	63973.73	18091.98	155.67	1559
C-107	63942.92	18092.50	151.61	1560
C-107	63942.54	18107.74	151.54	1561
C-108	64062.33	18091.91	158.66	1562
C-108	64062.23	18106.74	158.71	1563
C-108	63971.56	18107.23	155.57	1564
C-108	63972.26	18092.57	155.61	1565
C-109	64001.05	18106.55	156.80	1566
C-109	64000.96	18121.84	156.81	1567
C-109	63943.24	18122.54	151.66	1568
C-109	63943.05	18107.16	151.62	1569
C-110	64062.94	18105.88	158.68	1570
C-110	64062.89	18121.06	158.69	1571
C-110	63999.86	18121.84	156.76	1572
C-110	63999.95	18106.55	156.75	1573

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-111	63861.58	18138.78	138.06	1574
C-111	63801.64	18135.26	125.59	1575
C-111	63801.65	18120.55	125.67	1576
C-111	63870.92	18123.73	139.57	1577
C-111	63943.52	18121.82	151.71	1578
C-111	63943.86	18137.15	151.76	1579
C-112	63947.19	18152.26	152.31	1580
C-112	63865.38	18153.76	138.71	1581
C-112	63801.40	18150.15	125.51	1582
C-112	63801.63	18134.54	125.60	1583
C-112	63861.62	18137.69	138.07	1584
C-112	63947.06	18136.56	152.29	1585
C-113	63801.45	18149.37	125.51	1586
C-113	63801.38	18164.96	125.44	1587
C-113	63864.34	18168.52	138.53	1588
C-113	63946.65	18167.51	152.23	1589
C-113	63946.67	18151.79	152.22	1590
C-113	63865.45	18153.10	138.72	1591
C-114	63801.43	18164.18	125.44	1592
C-114	63801.55	18179.75	125.34	1593
C-114	63861.63	18183.32	138.08	1594
C-114	63944.34	18182.18	151.86	1595
C-114	63944.08	18166.51	151.81	1596
C-114	63864.60	18167.66	138.58	1597
C-115	63802.09	18194.55	125.25	1598
C-115	63858.80	18197.91	137.60	1599
C-115	63945.54	18196.54	152.06	1600
C-115	63945.28	18181.05	152.02	1601
C-115	63861.29	18182.16	138.02	1602
C-115	63801.71	18178.64	125.34	1603
C-116	64031.38	18137.50	158.00	1604
C-116	63989.85	18137.16	156.35	1605
C-116	63942.92	18137.19	151.60	1606
C-116	63942.60	18121.51	151.56	1607
C-116	64031.64	18122.02	158.03	1608
C-117	64028.71	18121.44	157.92	1609
C-117	64028.81	18137.72	157.90	1610
C-117	64063.16	18136.46	158.70	1611
C-117	64062.81	18120.68	158.69	1612

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-118	63945.13	18136.63	151.97	1613
C-118	63945.28	18152.69	151.99	1614
C-118	64061.66	18151.96	158.78	1615
C-118	64061.14	18136.30	158.79	1616
C-119	64064.22	18151.42	158.67	1617
C-119	63944.50	18152.13	151.86	1618
C-119	63944.97	18167.45	151.95	1619
C-119	64064.91	18166.75	158.64	1620
C-120	64063.77	18165.95	158.69	1621
C-120	64064.22	18181.46	158.66	1622
C-120	64034.76	18182.40	158.07	1623
C-120	64033.97	18166.91	158.06	1624
C-121	64036.26	18167.13	158.16	1625
C-121	64036.59	18182.20	158.15	1626
C-121	63942.28	18181.84	151.52	1627
C-121	63941.97	18166.47	151.46	1628
C-122	64006.82	18196.99	156.96	1629
C-122	64064.62	18196.44	158.69	1630
C-122	64063.71	18181.10	158.68	1631
C-122	64007.27	18181.86	156.98	1632
C-123	63943.85	18196.82	151.79	1633
C-123	64008.42	18197.86	157.03	1634
C-123	64009.00	18181.93	157.04	1635
C-123	63943.72	18181.32	151.76	1636
C-124	63801.93	18209.70	125.23	4903
C-124	63872.77	18212.70	139.93	1637
C-124	63938.76	18211.31	150.95	1638
C-124	63938.59	18195.41	150.92	1639
C-124	63872.98	18196.82	139.97	1640
C-124	63801.96	18194.17	125.26	1641
C-125	63801.91	18223.47	125.34	4901
C-125	63802.01	18208.65	125.21	4902
C-125	63871.24	18227.43	139.67	1642
C-125	63941.90	18226.18	151.47	1643
C-125	63941.12	18210.39	151.34	1644
C-125	63872.41	18211.59	139.88	1645

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-126	63801.88	18238.21	125.02	4899
C-126	63802.01	18222.69	125.35	4900
C-126	63869.44	18241.97	139.37	1646
C-126	63945.81	18240.40	152.12	1647
C-126	63945.19	18224.63	152.02	1648
C-126	63871.18	18226.25	139.66	1649
C-127	63801.80	18237.19	125.02	4904
C-127	63801.78	18252.23	125.01	1650
C-127	63866.28	18256.20	138.85	1651
C-127	63940.96	18255.61	151.33	1652
C-127	63939.95	18239.01	151.15	1653
C-127	63869.17	18240.70	139.33	1654
C-128	63937.01	18210.99	150.66	1655
C-128	63936.64	18195.45	150.60	1656
C-128	63998.94	18195.96	156.65	1657
C-128	64064.60	18196.08	158.69	1658
C-128	64064.78	18211.98	158.69	1659
C-128	63998.71	18211.75	156.64	1660
C-129	64044.41	18226.53	158.49	1661
C-129	64065.33	18227.18	158.67	1662
c-129	64065.01	18211.01	158.68	1663
C-129	64044.41	18210.92	158.50	1664
C-130	63995.53	18225.76	156.50	1665
C-130	64045.97	18226.73	158.55	1666
C-130	64046.12	18210.84	158.57	1667
C-130	63998.45	18210.23	156.63	1668
C-130	63939.26	18210.06	151.03	1669
C-130	63939.83	18225.62	151.13	1670
C-131	63942.84	18240.09	151.63	1671
C-131	63988.37	18239.28	156.23	1672
C-131	63988.35	18224.11	156.20	1673
C-131	63942.85	18223.97	151.63	1674
C-132	63985.92	18239.96	156.13	1675
C-132	64068.76	18241.59	158.56	1676
C-132	64068.45	18225.86	158.54	1677
C-132	63985.89	18224.27	156.10	1678

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-133	63938.98	18255.09	151.00	1679
C-133	63986.72	18254.40	156.19	1680
C-133	64068.30	18256.48	158.60	1681
C-133	64068.16	18240.65	158.58	1682
C-133	63993.18	18238.35	156.43	1683
C-133	63938.19	18239.78	150.85	1684
C-134	63801.87	18251.52	125.01	1685
C-134	63802.04	18266.62	124.93	1686
C-134	63879.13	18270.87	140.99	1687
C-134	63943.08	18269.82	151.68	1688
C-134	63942.30	18253.71	151.56	1689
C-134	63879.98	18255.09	141.14	1690
C-135	63941.64	18269.71	151.44	1691
C-135	63964.91	18269.05	155.26	1692
C-135	64068.36	18272.05	158.59	1693
C-135	64068.35	18255.76	158.60	1694
C-135	63986.77	18253.26	156.19	1695
C-135	63941.12	18253.73	151.36	1696
C-136	63802.15	18280.80	124.87	1697
C-136	63875.94	18286.15	140.46	1698
C-136	63942.97	18284.41	151.67	1699
C-136	63942.84	18268.63	151.64	1700
C-136	63879.17	18269.68	141.00	1701
C-136	63802.00	18265.76	124.94	1702
C-137	63940.83	18284.56	151.32	1703
C-137	63940.30	18268.79	151.22	1704
C-137	63964.73	18267.83	155.25	1705
C-137	64068.80	18270.89	158.58	1706
C-137	64068.15	18286.41	158.61	1707
C-137	63964.62	18283.63	155.22	1708
C-138	63801.83	18280.19	124.88	1709
C-138	63801.57	18296.55	124.80	1710
C-138	63860.64	18299.90	137.90	1711
C-138	63944.82	18298.78	151.98	1712
C-138	63943.90	18282.74	151.82	1713
C-138	63875.16	18284.42	140.33	1714

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-139	63965.87	18298.36	155.31	1715
C-139	63943.73	18298.72	151.80	1716
C-139	63942.84	18283.07	151.65	1717
C-139	63964.70	18282.30	155.24	1718
C-139	64069.14	18284.90	158.57	1719
C-139	64068.21	18301.04	158.64	1720
C-140	63801.64	18310.43	124.71	1721
C-140	63859.25	18314.07	137.67	1722
C-140	63946.38	18313.21	152.22	1723
C-140	63945.42	18297.72	152.07	1724
C-140	63860.32	18298.47	137.85	1725
C-140	63802.26	18296.01	124.79	1726
C-141	64044.20	18314.51	158.51	1727
C-141	64045.04	18298.40	158.54	1728
C-141	64069.34	18299.77	158.59	1729
C-141	64068.74	18315.32	158.63	1730
C-142	64025.04	18297.80	157.77	1731
C-142	64024.47	18313.58	157.74	1732
C-142	64046.41	18314.54	158.59	1733
C-142	64046.70	18298.72	158.60	1734
C-143	64003.88	18297.42	156.89	1735
C-143	64026.46	18297.74	157.83	1736
C-143	64025.81	18313.79	157.80	1737
C-143	64003.25	18312.81	156.86	1738
C-144	63965.41	18297.33	155.29	1739
C-144	63943.10	18297.85	151.69	1740
C-144	63943.84	18313.64	151.80	1741
C-144	63974.36	18312.69	155.68	1742
C-144	64006.14	18312.63	156.98	1743
C-144	64006.77	18297.32	157.01	1744
C-145	64026.22	18312.77	157.81	1745
C-145	64044.96	18313.52	158.53	1746
C-145	64043.83	18329.28	158.49	1747
C-145	64025.73	18328.50	157.78	1748

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-146	63945.60	18312.13	152.09	1749
C-146	63945.77	18328.16	152.11	1750
C-146	63974.53	18327.58	155.68	1751
C-146	63998.57	18327.76	156.68	1752
C-146	64027.38	18328.31	157.85	1753
C-146	64027.86	18312.31	157.88	1754
C-146	63974.39	18311.40	155.68	1755
C-147	63801.78	18324.96	124.60	1756
C-147	63867.39	18328.88	139.02	1757
C-147	63940.59	18328.38	151.25	1758
C-147	63940.45	18312.70	151.24	1759
C-147	63868.14	18313.28	139.16	1760
C-147	63801.77	18309.97	124.71	1761
C-148	63801.68	18324.59	124.61	1762
C-148	63802.07	18338.99	124.57	1763
C-148	63888.27	18343.47	142.52	1764
C-148	63944.75	18342.30	151.95	1765
C-148	63943.73	18326.32	151.77	1766
C-148	63867.44	18327.88	139.02	1767
C-149	63935.06	18328.83	150.33	1768
C-149	63934.24	18312.83	150.22	1769
C-149	63947.86	18311.99	152.46	1770
C-149	63948.40	18327.65	152.55	1771
C-150	63999.31	18342.96	156.69	1772
C-150	64077.10	18344.39	158.29	1773
C-150	64078.03	18328.85	158.24	1774
C-150	63997.77	18326.19	156.64	1775
C-150	63941.69	18326.80	151.43	1776
C-150	63942.08	18342.41	151.51	1777
C-151	64070.54	18329.45	158.55	1778
C-151	64070.47	18313.89	158.56	1779
C-151	64042.50	18313.02	158.44	1780
C-151	64041.96	18328.67	158.42	1781
C-152	63802.75	18353.28	124.50	1782
C-152	63888.23	18358.04	142.50	1783
C-152	63945.52	18356.35	152.09	1784
C-152	63944.72	18341.06	151.95	1785
C-152	63888.17	18342.46	142.50	1786
C-152	63802.57	18338.13	124.57	1787

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-153	63999.18	18341.22	156.69	1788
C-153	63941.90	18341.00	151.48	1789
C-153	63942.99	18356.67	151.67	1790
C-153	64015.03	18356.80	157.33	1791
C-153	64065.82	18357.70	158.77	1792
C-153	64066.33	18342.20	158.73	1793
C-154	64063.96	18357.75	158.85	1794
C-154	64071.29	18357.76	158.54	1795
C-154	64071.54	18342.26	158.52	1796
C-154	64064.34	18341.95	158.81	1797
C-155	63802.26	18353.05	124.51	1798
C-155	63802.13	18368.57	124.44	1799
C-155	63884.82	18372.64	141.94	1800
C-155	63939.94	18371.46	151.16	1801
C-155	63939.52	18355.98	151.09	1802
C-155	63887.12	18355.99	142.31	1803
C-156	63801.97	18367.75	124.44	1804
C-156	63801.95	18382.94	124.36	1805
C-156	63885.17	18386.43	142.00	1806
C-156	63941.37	18386.36	151.40	1807
C-156	63941.45	18371.09	151.41	1808
C-156	63884.66	18371.29	141.91	1809
C-157	64086.09	18356.66	157.92	1810
C-157	63951.09	18356.03	153.01	1811
C-157	64085.96	18372.25	157.97	1812
C-157	64000.48	18370.39	156.72	1813
C-157	63937.08	18371.51	150.68	1814
C-157	63936.59	18355.91	150.61	1815
C-158	63936.77	18371.52	150.62	1816
C-158	64000.51	18369.60	156.72	1817
C-158	64085.67	18371.50	157.98	1818
C-158	64085.27	18387.10	158.01	1819
C-158	64008.58	18385.11	157.06	1820
C-158	63938.76	18386.08	150.96	1821

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-159	63802.28	18397.11	124.27	1822
C-159	63862.06	18400.40	138.14	1823
C-159	63947.21	18401.44	152.36	1824
C-159	63947.01	18385.93	152.34	1825
C-159	63865.64	18384.87	138.71	1826
C-159	63801.99	18382.04	124.37	1827
C-160	63943.28	18401.01	151.71	1828
C-160	63943.30	18416.13	151.72	1829
C-160	63865.96	18414.61	138.80	1830
C-160	63802.63	18412.28	124.11	1831
C-160	63802.33	18395.90	124.28	1832
C-160	63867.26	18399.27	139.01	1833
C-161	63944.51	18385.19	151.92	1834
C-161	63945.77	18400.68	152.13	1835
C-161	64007.93	18399.51	157.04	1836
C-161	64074.41	18401.46	158.47	1837
C-161	64073.95	18386.24	158.48	1838
C-161	64010.35	18383.86	157.13	1839
C-162	63941.53	18415.84	151.43	1840
C-162	64006.24	18413.48	156.97	1841
C-162	64074.48	18415.64	158.47	1842
C-162	64074.38	18399.98	158.47	1843
C-162	64007.02	18398.18	157.00	1844
C-162	63941.98	18400.99	151.50	1845
C-163	63802.14	18411.27	124.14	1846
C-163	63886.77	18414.17	142.29	1847
C-163	63944.04	18415.41	151.84	1848
C-163	63943.11	18430.60	151.69	1849
C-163	63887.13	18429.89	142.35	1850
C-163	63802.20	18425.86	124.03	1851
C-164	64073.87	18430.05	158.50	1852
C-164	64000.27	18427.99	156.74	1853
C-164	63997.18	18427.95	156.61	1854
C-164	63942.10	18430.47	151.53	1855
C-164	63941.32	18415.14	151.39	1856
C-164	63997.22	18412.33	156.61	1857
C-164	64074.39	18414.25	158.48	1858

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-165	64073.37	18444.18	158.55	1859
C-165	64074.12	18429.07	158.49	1874
C-165	64044.66	18427.60	158.56	1867
C-165	64044.46	18443.09	158.55	1860
C-166	63945.29	18429.25	152.06	1861
C-166	63945.72	18444.58	152.12	1862
C-166	63885.38	18444.39	142.03	1863
C-166	63801.44	18439.58	124.07	1864
C-166	63801.93	18424.58	124.07	1865
C-166	63886.94	18429.10	142.32	1866
C-167	63940.19	18459.05	151.21	1868
C-167	63884.19	18459.01	141.83	1869
C-167	63801.74	18453.31	124.04	1870
C-167	63801.67	18438.79	124.04	1871
C-167	63885.48	18443.30	142.05	1872
C-167	63939.96	18443.83	151.17	1873
C-168	63943.28	18429.77	151.72	1875
C-168	63990.27	18427.11	156.33	1876
C-168	64047.09	18427.86	158.66	1877
C-168	64046.39	18443.83	158.63	1878
C-168	63991.46	18442.94	156.38	1879
C-168	63944.11	18445.13	151.86	1880
C-169	63938.40	18443.93	150.91	1881
C-169	63991.20	18441.79	156.37	1882
C-169	64073.95	18443.91	158.52	1883
C-169	64073.87	18459.51	158.55	1884
C-169	63991.25	18457.51	156.37	1885
C-169	63938.57	18459.20	150.94	1886
C-170	63884.57	18457.49	141.89	1887
C-170	63941.10	18458.90	151.36	1888
C-170	63940.83	18474.31	151.29	1889
C-170	63861.75	18472.29	138.07	1890
C-170	63860.33	18472.16	137.83	1891
C-170	63806.44	18467.11	123.07	1892
C-170	63801.96	18466.62	124.10	1893
C-170	63801.75	18452.11	124.04	1894

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-171	63972.05	18473.84	155.53	1895
C-171	63996.79	18472.33	156.59	1896
C-171	64023.36	18471.68	157.71	1897
C-171	64073.57	18472.39	158.57	1898
C-171	64073.68	18459.25	158.56	1899
C-171	63994.10	18456.60	156.48	1900
C-171	63939.14	18458.20	151.03	1901
C-171	63939.10	18473.69	151.01	1902
C-172	63801.66	18481.77	124.17	1903
C-172	63863.03	18486.49	138.26	1904
C-172	63944.37	18491.21	151.85	1905
C-172	63946.02	18472.35	152.15	1906
C-172	63861.88	18471.41	138.09	1907
C-172	63801.99	18465.85	124.10	1908
C-173	63801.65	18480.86	124.17	1909
C-173	63801.97	18497.08	124.13	1910
C-173	63862.76	18501.44	138.19	1911
C-173	63944.99	18505.85	151.91	1912
C-173	63946.05	18490.00	152.12	1913
C-173	63863.08	18485.48	138.27	1914
C-174	63801.73	18496.14	124.20	1915
C-174	63801.72	18511.53	124.33	1916
C-174	63861.90	18516.14	138.02	1917
C-174	63943.42	18520.87	151.62	1918
C-174	63943.98	18504.92	151.75	1919
C-174	63862.76	18500.22	138.19	1920
C-175	63801.83	18526.21	124.41	1921
C-175	63860.02	18530.67	137.67	1922
C-175	63939.81	18535.74	150.99	1923
C-175	63940.56	18519.88	151.14	1924
C-175	63861.94	18514.68	138.03	1925
C-175	63801.64	18510.61	124.33	1926
C-176	64073.75	18495.70	158.57	1927
C-176	63942.04	18491.16	151.47	1928
C-176	63942.24	18475.54	151.52	1929
C-176	64073.90	18481.09	158.56	1930

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-177	64022.05	18470.64	157.65	1931
C-177	64021.84	18479.88	157.65	1932
C-177	64004.47	18478.65	156.90	1933
C-177	64004.47	18470.81	156.90	1934
C-178	63952.50	18472.47	153.21	1935
C-178	63952.14	18477.51	153.13	1936
C-178	63934.88	18476.75	150.31	1937
C-178	63928.12	18476.70	149.20	1938
C-178	63928.13	18471.70	149.21	1939
C-178	63935.19	18471.66	150.37	1940
C-179	64006.15	18470.98	156.97	1941
C-179	64006.56	18479.49	156.99	1942
C-179	63989.17	18478.17	156.27	1943
C-179	63988.63	18471.94	156.25	1944
C-180	63991.37	18477.87	156.36	1945
C-180	63974.10	18477.81	155.61	1946
C-180	63974.35	18472.29	155.66	1947
C-180	63991.47	18471.88	156.37	1948
C-181	64036.86	18470.78	158.26	1949
C-181	64036.48	18479.91	158.25	1950
C-181	64018.25	18479.45	157.49	1951
C-181	64017.78	18470.44	157.47	1952
C-182	64033.69	18470.61	158.13	1953
C-182	64073.77	18471.22	158.56	1954
C-182	64073.71	18482.21	158.57	1955
C-182	64033.63	18480.13	158.13	1956
C-183	63977.34	18477.86	155.77	1957
C-183	63950.20	18477.07	152.82	1958
C-183	63950.05	18472.51	152.81	1959
C-183	63977.16	18472.25	155.78	1960
C-184	64051.35	18510.05	158.84	1961
C-184	63943.40	18505.89	151.65	1962
C-184	63944.59	18491.40	151.88	1963
C-184	64052.07	18494.26	158.87	1964

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-185	64073.89	18509.01	158.60	1965
C-185	64073.90	18525.19	158.61	1966
C-185	63941.20	18521.44	151.25	1967
C-185	63941.58	18504.97	151.35	1968
C-186	64073.21	18540.09	158.65	1969
C-186	64074.01	18524.30	158.61	1970
C-186	63938.40	18519.93	150.78	1971
C-186	63938.00	18535.65	150.68	1972
C-187	64073.06	18510.47	158.63	1973
C-187	64073.60	18494.57	158.58	1974
C-187	64043.36	18494.13	158.53	1975
C-187	64042.86	18509.68	158.48	1976
C-188	63802.20	18540.12	124.47	1977
C-188	63859.57	18544.85	137.55	1978
C-188	63943.90	18550.56	151.64	1979
C-188	63944.89	18534.91	151.84	1980
C-188	63860.02	18529.01	137.67	1981
C-188	63801.87	18525.28	124.41	1982
C-189	63801.85	18554.41	124.54	1983
C-189	63859.51	18559.44	137.50	1984
C-189	63943.36	18564.81	151.52	1985
C-189	63944.51	18549.48	151.74	1986
C-189	63859.55	18544.00	137.54	1987
C-189	63802.24	18539.41	124.46	1988
C-190	64073.53	18554.90	158.64	1989
C-190	63941.11	18550.17	151.17	1990
C-190	63941.73	18534.71	151.31	1991
C-190	64073.91	18539.38	158.62	1992
C-191	63801.90	18554.30	124.54	1993
C-191	63801.98	18569.82	124.61	1994
C-191	63860.33	18574.24	137.62	1995
C-191	63943.89	18579.80	151.57	1996
C-191	63944.84	18564.62	151.77	1997
C-191	63859.53	18558.91	137.51	1998
C-192	64052.66	18552.63	158.92	1999
C-192	63942.49	18549.41	151.40	2000
C-192	63941.48	18565.06	151.21	2001
C-192	64052.31	18568.72	158.92	2002

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-193	64073.98	18568.45	158.62	2003
C-193	63967.12	18564.54	155.38	2004
C-193	63943.14	18564.12	151.49	2005
C-193	63942.67	18580.17	151.37	2006
C-193	63966.90	18581.21	155.39	2007
C-193	64073.20	18584.17	158.65	2008
C-194	64073.55	18569.39	158.64	2009
C-194	64049.96	18568.46	158.82	2010
C-194	64049.28	18552.85	158.78	2011
C-194	64073.72	18553.61	158.64	2012
C-195	63801.90	18569.19	124.60	2013
C-195	63801.57	18584.78	124.69	2014
C-195	63860.13	18589.30	137.58	2015
C-195	63911.85	18592.46	146.22	2016
C-195	63912.79	18576.70	146.39	2017
C-195	63860.30	18573.08	137.62	2018
C-196	63909.93	18592.54	145.90	2019
C-196	63967.34	18596.02	155.35	2020
C-196	64049.22	18597.71	158.76	2021
C-196	64050.02	18581.80	158.82	2022
C-196	63966.95	18580.07	155.40	2023
C-196	63910.65	18576.55	146.04	2024
C-197	64046.85	18597.57	158.66	2025
C-197	64047.39	18582.06	158.70	2026
C-197	64074.16	18582.66	158.60	2027
C-197	64073.63	18598.18	158.65	2028
C-198	63942.99	18592.95	151.40	2029
C-198	63942.21	18608.67	151.25	2030
C-198	63876.02	18605.05	140.21	2031
C-198	63801.51	18599.19	124.77	2032
C-198	63801.50	18583.99	124.68	2033
C-198	63876.89	18589.15	140.40	2034
C-199	63945.75	18607.26	151.84	2035
C-199	63945.22	18622.54	151.73	2036
C-199	63875.57	18619.56	140.13	2037
C-199	63801.61	18613.57	124.83	2038
C-199	63801.50	18598.35	124.77	2039
C-199	63875.80	18604.06	140.18	2040

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-200	63935.73	18637.07	150.13	2041
C-200	63873.80	18633.47	139.82	2042
C-200	63801.86	18627.47	124.88	2043
C-200	63801.62	18612.42	124.83	2044
C-200	63875.63	18618.18	140.14	2045
C-200	63936.27	18621.62	150.24	2046
C-201	63937.89	18652.04	150.49	2047
C-201	63938.29	18636.07	150.56	2048
C-201	63877.56	18632.73	140.45	2049
C-201	63802.66	18627.15	124.89	2050
C-201	63802.17	18641.79	124.93	2051
C-201	63875.48	18647.79	140.07	2052
C-202	63875.50	18647.23	140.07	2053
C-202	63802.08	18641.04	124.95	2054
C-202	63801.94	18656.47	125.04	2055
C-202	63873.31	18662.41	139.69	2056
C-202	63940.11	18666.92	150.83	2057
C-202	63940.58	18651.37	150.94	2058
C-203	63947.37	18666.39	152.05	2059
C-203	63873.14	18661.69	139.66	2060
C-203	63802.06	18655.28	125.03	2061
C-203	63801.98	18670.55	125.12	2062
C-203	63870.71	18676.95	139.24	2063
C-203	63946.53	18681.50	151.88	2064
C-204	64052.21	18612.14	158.86	2065
C-204	64005.89	18610.70	156.91	2066
C-204	63941.07	18608.57	151.06	2067
C-204	63941.44	18593.32	151.14	2068
C-204	64005.79	18595.35	156.91	2069
C-204	64053.10	18596.72	158.93	2070
C-205	64074.43	18611.23	158.62	2071
C-205	64005.92	18609.82	156.92	2072
C-205	63943.73	18607.38	151.51	2073
C-205	63943.14	18622.32	151.38	2074
C-205	64004.58	18625.29	156.86	2075
C-205	64074.36	18626.89	158.62	2076

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-206	64074.54	18625.65	158.61	2077
C-206	63995.87	18624.11	156.51	2078
C-206	63934.94	18621.72	150.01	2079
C-206	63934.38	18637.28	149.90	2080
C-206	63996.32	18639.61	156.52	2081
C-206	64074.72	18641.20	158.60	2082
C-207	64074.40	18656.53	158.60	2083
C-207	63935.93	18651.91	150.16	2084
C-207	63936.37	18635.95	150.24	2085
C-207	64074.46	18640.24	158.61	2086
C-208	64075.09	18655.26	158.58	2087
C-208	64074.13	18671.03	158.58	2088
C-208	63938.15	18667.00	150.50	2089
C-208	63938.78	18650.83	150.64	2090
C-209	64073.83	18685.45	158.56	2091
C-209	63945.21	18681.89	151.66	2092
C-209	63945.25	18666.20	151.69	2093
C-209	64074.44	18669.59	158.57	2094
C-210	64073.48	18596.66	158.65	2095
C-210	64050.39	18596.60	158.81	2096
C-210	64050.09	18612.42	158.77	2097
C-210	64073.28	18612.49	158.67	2098
C-211	63802.37	18669.61	125.06	2099
C-211	63802.22	18685.18	125.20	2100
C-211	63862.07	18691.22	137.80	2101
C-211	63932.46	18695.01	149.50	2102
C-211	63932.97	18679.94	149.63	2103
C-211	63863.25	18675.55	138.00	2104
C-212	63802.49	18683.91	125.19	2105
C-212	63802.20	18699.52	125.18	2106
C-212	63861.73	18706.02	137.73	2107
C-212	63943.75	18710.25	151.37	2108
C-212	63944.32	18694.26	151.48	2109
C-212	63861.97	18690.59	137.78	2110

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-213	63802.24	18698.70	125.17	2111
C-213	63801.87	18714.13	125.34	2112
C-213	63861.08	18720.26	137.58	2113
C-213	63942.78	18724.29	151.20	2114
C-213	63943.60	18708.91	151.35	2115
C-213	63861.53	18705.13	137.70	2116
C-214	63802.18	18712.99	125.32	2117
C-214	63802.02	18729.29	125.39	2118
C-214	63861.13	18735.15	137.56	2119
C-214	63945.58	18738.82	151.63	2120
C-214	63946.28	18723.20	151.78	2121
C-214	63861.06	18718.94	137.58	2122
C-215	63942.13	18737.50	151.06	2123
C-215	63941.93	18753.37	150.98	2124
C-215	63861.46	18749.65	137.59	2125
C-215	63801.78	18743.43	125.50	2126
C-215	63801.77	18728.33	125.40	2127
C-215	63861.02	18734.27	137.54	2128
C-216	64082.51	18700.32	158.20	2129
C-216	64082.81	18684.90	158.19	2130
C-216	63931.28	18680.00	149.35	2131
C-216	63930.55	18695.51	149.18	2132
C-217	64072.60	18714.69	158.60	2133
C-217	64093.93	18715.51	157.69	2134
C-217	64094.35	18699.61	157.69	2135
C-217	64073.14	18698.87	158.59	2136
C-217	63967.48	18695.71	155.27	2137
C-217	63942.14	18694.66	151.12	2138
C-217	63941.42	18710.40	150.98	2139
C-217	63967.44	18711.46	155.29	2140
C-218	64072.72	18713.43	158.59	2141
C-218	63967.42	18710.19	155.28	2142
C-218	63941.05	18709.06	150.92	2143
C-218	63940.32	18724.79	150.78	2144
C-218	63967.49	18726.06	155.30	2145
C-218	64071.73	18728.96	158.62	2146
C-218	64092.30	18729.04	157.75	2147
C-218	64092.22	18714.31	157.76	2148

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-219	64090.36	18744.29	157.80	2149
C-219	63967.60	18740.54	155.27	2150
C-219	63944.80	18740.08	151.50	2151
C-219	63945.10	18723.98	151.58	2152
C-219	63967.44	18725.08	155.30	2153
C-219	64090.82	18729.03	157.81	2154
C-220	64091.82	18758.96	157.73	2155
C-220	64091.95	18743.16	157.74	2156
C-220	63967.63	18739.17	155.27	2157
C-220	63940.53	18738.56	150.79	2158
C-220	63939.91	18753.34	150.65	2159
C-220	63967.72	18755.07	155.24	2160
C-221	63944.17	18768.41	151.34	2161
C-221	63944.87	18752.78	151.47	2162
C-221	63869.66	18749.59	138.97	2163
C-221	63802.43	18742.41	125.44	2164
C-221	63801.90	18758.25	125.59	2165
C-221	63866.71	18764.84	138.45	2166
C-222	63801.91	18757.47	125.59	2167
C-222	63801.98	18772.79	125.60	2168
C-222	63864.36	18779.17	138.02	2169
C-222	63941.45	18783.07	150.88	2170
C-222	63942.10	18767.60	151.00	2171
C-222	63866.64	18763.94	138.44	2172
C-223	63945.98	18782.82	151.63	2173
C-223	63945.25	18798.15	151.50	2174
C-223	63864.17	18793.67	137.96	2175
C-223	63801.88	18787.10	125.71	2176
C-223	63802.08	18771.72	125.59	2177
C-223	63864.21	18778.35	137.99	2178
C-224	63945.96	18813.19	151.60	2179
C-224	63863.22	18808.46	137.78	2180
C-224	63801.45	18801.92	125.80	2181
C-224	63801.63	18786.06	125.71	2182
C-224	63863.80	18792.48	137.90	2183
C-224	63946.61	18797.62	151.73	2184

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-225	63945.97	18812.41	151.61	2185
C-225	63945.22	18827.97	151.45	2186
C-225	63863.45	18822.99	137.82	2187
C-225	63801.26	18816.92	125.85	2188
C-225	63801.49	18801.13	125.79	2189
C-225	63862.93	18807.20	137.73	2190
C-226	63941.45	18842.23	150.80	2191
C-226	63862.25	18837.91	137.60	2192
C-226	63801.89	18830.47	125.93	2193
C-226	63801.29	18815.70	125.85	2194
C-226	63863.55	18821.94	137.83	2195
C-226	63941.95	18826.98	150.91	2196
C-227	64093.42	18757.84	157.66	2197
C-227	64058.07	18756.89	159.04	2198
C-227	63968.00	18753.71	155.25	2199
C-227	63942.93	18752.55	151.15	2200
C-227	63942.71	18768.37	151.10	2201
C-227	63968.75	18769.42	155.30	2202
C-227	64058.42	18772.68	159.04	2203
C-227	64092.90	18773.04	157.66	2204
C-228	63939.99	18767.67	150.65	2205
C-228	63968.58	18767.88	155.29	2206
C-228	64058.57	18771.44	159.05	2207
C-228	64089.87	18773.07	157.79	2208
C-228	64089.06	18788.10	157.80	2209
C-228	64058.63	18787.23	159.05	2210
C-228	63967.95	18783.66	155.26	2211
C-228	63940.08	18783.35	150.65	2212
C-229	64091.57	18787.22	157.70	2213
C-229	64058.60	18786.09	159.05	2214
C-229	63967.71	18782.34	155.25	2215
C-229	63943.02	18782.02	151.14	2216
C-229	63942.98	18797.93	151.12	2217
C-229	63967.70	18798.28	155.22	2218
C-229	64058.27	18802.06	159.04	2219
C-229	64090.78	18802.68	157.71	2220

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-230	64083.08	18817.90	158.04	2221
C-230	63944.39	18812.42	151.35	2222
C-230	63944.71	18796.77	151.41	2223
C-230	64096.04	18802.24	157.50	2224
C-230	64095.26	18818.03	157.52	2225
C-231	64075.53	18832.02	158.35	2226
C-231	64090.56	18832.34	157.70	2227
C-231	64091.06	18816.98	157.71	2228
C-231	64076.21	18815.96	158.31	2229
C-231	63943.71	18811.42	151.23	2230
C-231	63943.47	18827.24	151.16	2231
C-232	64090.59	18831.35	157.70	2232
C-232	63939.69	18825.75	150.54	2233
C-232	63939.38	18841.18	150.46	2234
C-232	64088.35	18847.29	157.78	2235
C-233	63941.56	18856.94	150.80	2236
C-233	63879.66	18853.81	140.52	2237
C-233	63801.98	18846.67	125.95	2238
C-233	63801.80	18829.94	125.93	2239
C-233	63862.48	18836.88	137.64	2240
C-233	63882.21	18838.34	140.94	2241
C-233	63943.36	18841.65	151.12	2242
C-234	63942.80	18871.56	150.97	2243
C-234	63878.08	18868.67	140.20	2244
C-234	63801.64	18861.26	125.99	2245
C-234	63801.91	18845.71	125.96	2246
C-234	63879.74	18853.17	140.53	2247
C-234	63943.59	18856.48	151.13	2248
C-235	63942.53	18886.20	150.91	2249
C-235	63876.58	18883.30	139.92	2250
C-235	63801.76	18875.42	125.96	2251
C-235	63801.72	18860.27	126.00	2252
C-235	63877.84	18867.45	140.17	2253
C-235	63943.26	18870.29	151.05	2254

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-236	63874.65	18897.79	139.57	2255
C-236	63801.72	18890.64	125.92	2256
C-236	63801.66	18874.70	125.96	2257
C-236	63876.39	18882.48	139.89	2258
C-236	63942.94	18884.98	150.97	2259
C-236	63942.03	18900.83	150.81	2260
C-237	63943.26	18915.99	150.99	2261
C-237	63870.80	18912.68	138.90	2262
C-237	63801.59	18904.73	125.88	2263
C-237	63801.73	18889.74	125.92	2264
C-237	63874.80	18897.11	139.60	2265
C-237	63943.96	18900.52	151.13	2266
C-238	64087.60	18861.32	157.80	2267
C-238	64087.23	18844.95	157.83	2268
C-238	63940.81	18840.16	150.70	2269
C-238	63940.31	18856.21	150.59	2270
C-239	63941.34	18855.25	150.76	2271
C-239	63940.94	18870.79	150.67	2272
C-239	64001.36	18872.03	156.65	2273
C-239	64027.87	18873.37	157.77	2274
C-239	64092.07	18876.87	157.58	2275
C-239	64092.51	18860.86	157.58	2276
C-240	64087.52	18891.95	157.76	2277
C-240	64013.60	18886.76	157.17	2278
C-240	63941.63	18885.87	150.76	2279
C-240	63941.16	18869.92	150.71	2280
C-240	64001.53	18870.77	156.65	2281
C-240	64027.68	18872.00	157.76	2282
C-240	64088.39	18876.14	157.74	2283
C-241	64085.68	18906.44	157.82	2284
C-241	64074.84	18905.64	158.29	2285
C-241	64013.93	18901.56	157.20	2286
C-241	63940.93	18900.52	150.63	2287
C-241	63941.06	18884.57	150.66	2288
C-241	64014.94	18885.63	157.23	2289
C-241	64085.89	18890.94	157.83	2290

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-242	64014.13	18900.40	157.21	2291
C-242	63940.58	18899.16	150.57	2292
C-242	63940.45	18914.55	150.52	2293
C-242	64029.96	18917.04	157.87	2294
C-242	64088.87	18922.20	157.66	2295
C-242	64090.84	18906.64	157.60	2296
C-243	63827.68	18922.78	126.12	2297
C-243	63944.35	18930.62	151.15	2298
C-243	63945.10	18914.45	151.29	2299
C-243	63870.75	18911.72	138.89	2300
C-243	63827.67	18906.97	126.10	2301
C-243	63801.57	18904.21	125.88	2302
C-243	63801.57	18919.55	125.92	2303
C-244	63801.51	18918.69	125.92	2304
C-244	63801.85	18934.24	125.86	2305
C-244	63827.53	18937.08	126.06	2306
C-244	63947.10	18945.33	151.57	2307
C-244	63947.96	18929.54	151.74	2308
C-244	63827.74	18921.41	126.12	2309
C-245	63801.86	18933.37	125.86	2310
C-245	63801.77	18949.29	125.79	2311
C-245	63827.73	18951.61	125.99	2312
C-245	63893.41	18957.28	142.66	2313
C-245	63930.59	18960.07	148.79	2314
C-245	63931.96	18944.13	149.06	2315
C-245	63827.50	18935.98	126.06	2316
C-246	64089.56	18921.90	157.63	2317
C-246	64088.88	18935.47	157.64	2318
C-246	64020.98	18931.58	157.48	2319
C-246	63942.04	18928.65	150.77	2320
C-246	63942.40	18913.72	150.85	2321
C-246	64021.95	18915.57	157.53	2322
C-247	63941.90	18943.54	150.72	2323
C-247	64023.55	18946.46	157.57	2324
C-247	64093.26	18950.89	157.44	2325
C-247	64094.61	18935.11	157.40	2326
C-247	64024.33	18930.62	157.62	2327
C-247	63942.38	18927.88	150.83	2328

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-248	63929.31	18942.92	148.62	2329
C-248	63928.86	18958.66	148.50	2330
C-248	64010.08	18960.81	157.00	2331
C-248	64079.50	18963.72	157.98	2332
C-248	64080.31	18947.90	157.99	2333
C-248	64023.62	18945.47	157.57	2334
C-249	63801.98	18948.15	125.80	2335
C-249	63801.92	18962.66	125.72	2336
C-249	63893.36	18971.35	142.61	2337
C-249	63945.09	18973.97	151.19	2338
C-249	63945.49	18958.38	151.27	2339
C-249	63893.24	18955.74	142.63	2340
C-250	63949.31	18988.90	151.88	2341
C-250	63949.66	18973.37	151.95	2342
C-250	63893.36	18970.51	142.61	2343
C-250	63801.98	18961.56	125.71	2344
C-250	63801.75	18978.13	125.64	2345
C-250	63892.47	18986.23	142.42	2346
C-251	63801.86	18977.17	125.69	2347
C-251	63801.74	18992.03	125.67	2348
C-251	63891.65	19000.45	142.26	2349
C-251	63944.00	19004.03	150.98	2350
C-251	63945.32	18988.33	151.22	2351
C-251	63892.41	18984.84	142.41	2352
C-252	63943.00	18974.32	150.85	2353
C-252	64010.22	18975.53	156.99	2354
C-252	64086.73	18979.75	157.64	2355
C-252	64087.28	18963.60	157.65	2356
C-252	64010.21	18959.82	157.01	2357
C-252	63943.87	18957.93	151.00	2358
C-253	63946.62	18988.82	151.43	2359
C-253	64009.35	18990.18	156.92	2360
C-253	64100.86	18996.06	157.06	2361
C-253	64101.35	18979.88	157.05	2362
C-253	64010.20	18974.46	156.99	2363
C-253	63946.82	18972.87	151.48	2364

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-254	63944.13	18987.95	151.02	2365
C-254	63943.51	19003.65	150.90	2366
C-254	64007.30	19004.90	156.81	2367
C-254	64095.74	19009.62	157.26	2368
C-254	64094.69	18993.83	157.32	2369
C-254	64008.98	18989.35	156.91	2370
C-255	63801.74	18992.03	125.67	2371
C-255	63801.61	19006.87	125.62	2372
C-255	63866.73	19013.68	138.10	2373
C-255	63943.57	19018.29	150.87	2374
C-255	63944.16	19002.65	151.01	2375
C-256	63945.26	19017.48	151.16	2376
C-256	63945.01	19032.80	151.08	2377
C-256	63864.37	19027.90	137.68	2378
C-256	63801.38	19020.81	125.55	2379
C-256	63801.58	19005.80	125.62	2380
C-256	63866.70	19012.66	138.10	2381
C-257	63943.70	19032.18	150.87	2382
C-257	63943.13	19047.83	150.75	2383
C-257	63866.74	19042.79	138.03	2384
C-257	63801.73	19036.31	125.49	2385
C-257	63801.83	19020.86	125.53	2386
C-257	63866.69	19026.96	138.07	2387
C-258	64094.33	19008.57	157.32	2388
C-258	64094.33	19024.79	157.29	2389
C-258	64026.91	19020.34	157.67	2390
C-258	63970.56	19018.55	155.29	2391
C-258	63940.92	19018.18	150.43	2392
C-258	63941.33	19002.50	150.54	2393
C-258	63970.90	19003.16	155.32	2394
C-258	64027.18	19004.60	157.68	2395
C-259	64094.83	19039.56	157.25	2396
C-259	64026.71	19035.04	157.67	2397
C-259	63970.11	19032.90	155.27	2398
C-259	63941.85	19032.39	150.56	2399
C-259	63942.21	19017.12	150.65	2400
C-259	63970.66	19017.27	155.30	2401
C-259	64026.88	19019.23	157.67	2402
C-259	64095.80	19024.46	157.23	2403

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-260	64088.98	19037.86	157.50	2404
C-260	64026.77	19034.03	157.67	2405
C-260	63970.14	19031.80	155.27	2406
C-260	63940.97	19032.08	150.42	2407
C-260	63940.86	19047.55	150.38	2408
C-260	63970.14	19047.55	155.25	2409
C-260	64026.11	19049.63	157.64	2410
C-260	64087.28	19053.32	157.55	2411
C-261	64194.66	17651.55	124.62	2412
C-261	64197.08	17771.61	143.48	2413
C-261	64193.16	17776.99	144.51	2414
C-261	64180.90	17788.43	146.93	2415
C-261	64179.42	17651.17	124.66	2416
C-262	64209.82	17672.60	126.90	2417
C-262	64210.28	17686.09	127.26	2418
C-262	64210.94	17723.08	134.45	2419
C-262	64211.80	17754.48	140.11	2420
C-262	64196.02	17772.46	143.67	2421
C-262	64193.34	17651.46	124.62	2422
C-262	64208.76	17651.57	124.59	2423
C-263	64209.92	17720.65	133.83	2424
C-263	64225.66	17720.07	131.40	2425
C-263	64226.29	17741.79	137.17	2426
C-263	64210.57	17759.94	140.62	2427
C-264	64210.33	17686.04	127.26	2428
C-264	64226.13	17686.22	127.14	2429
C-264	64226.08	17722.70	132.02	2430
C-264	64210.94	17723.08	134.45	2431
C-264	64210.28	17686.09	127.26	2432
C-265	64210.38	17687.60	127.30	2433
C-265	64226.03	17687.58	127.18	2434
C-265	64225.21	17669.43	126.70	2435
C-265	64209.62	17669.50	126.84	2436
C-266	64225.37	17671.41	126.74	2437
C-266	64209.82	17672.60	126.90	2438
C-266	64207.85	17651.55	124.60	2439
C-266	64223.20	17651.24	124.45	2440

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-267	64238.33	17651.24	124.42	2441
C-267	64222.90	17651.28	124.45	2442
C-267	64225.36	17696.10	127.43	2443
C-267	64241.10	17695.24	127.14	2444
C-268	64225.09	17743.35	137.65	2445
C-268	64240.63	17730.75	131.29	2446
C-268	64241.25	17693.12	127.11	2447
C-268	64225.25	17693.26	127.35	2448
C-269	64239.00	17738.62	133.68	2449
C-269	64254.69	17727.39	127.46	2450
C-269	64255.51	17701.31	126.88	2451
C-269	64239.75	17700.63	127.25	2452
C-270	64253.63	17650.81	124.64	2453
C-270	64237.13	17651.57	124.44	2454
C-270	64239.69	17704.68	127.33	2455
C-270	64255.66	17704.48	126.91	2456
C-271	64254.38	17716.75	127.08	2457
C-271	64269.95	17699.72	126.49	2458
C-271	64267.53	17651.34	124.42	2459
C-271	64252.35	17650.96	124.37	2460
C-272	64266.41	17651.37	124.41	2461
C-272	64268.31	17687.84	126.27	2462
C-272	64283.88	17687.10	125.97	2463
C-272	64282.25	17651.24	124.49	2464
C-273	64281.28	17651.28	124.48	2465
C-273	64297.23	17651.20	124.68	2466
C-273	64296.42	17688.87	122.74	2467
C-273	64281.82	17686.64	125.90	2468
C-274	64295.45	17689.48	122.76	2469
C-274	64294.17	17651.14	124.64	2470
C-274	64309.80	17651.13	124.77	2471
C-274	64309.81	17690.05	126.49	2472
C-275	64322.89	17684.91	126.53	2473
C-275	64308.85	17685.58	126.45	2474
C-275	64308.72	17651.23	124.75	2475
C-275	64322.95	17651.65	125.60	2476

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-276	64268.54	17700.65	126.54	2477
C-276	64267.40	17684.95	126.22	2478
C-276	64304.10	17681.80	126.29	2479
C-276	64329.75	17679.67	124.31	2480
C-276	64331.64	17694.26	126.34	2481
C-276	64306.18	17697.74	126.36	2482
C-277	64331.34	17709.15	124.05	2483
C-277	64250.38	17718.34	127.21	2484
C-277	64268.05	17700.30	126.54	2485
C-277	64330.17	17693.34	124.20	2486
C-278	64311.32	17710.29	126.56	2487
C-278	64313.28	17725.67	126.74	2488
C-278	64279.08	17729.83	126.40	2489
C-278	64260.25	17731.28	127.02	2490
C-278	64236.08	17732.57	132.73	2491
C-278	64250.77	17715.88	127.17	2492
C-278	64276.35	17714.41	126.43	2493
C-278	64297.80	17712.10	123.29	2494
C-279	64331.05	17707.17	124.09	2495
C-279	64332.19	17723.30	125.00	2496
C-279	64309.63	17725.94	126.65	2497
C-279	64307.66	17710.45	126.48	2498
C-280	64332.22	17738.14	124.78	2499
C-280	64281.24	17744.15	126.33	2500
C-280	64269.88	17745.57	127.12	2501
C-280	64239.09	17746.73	135.37	2502
C-280	64216.13	17749.90	139.22	2503
C-280	64237.30	17731.25	132.12	2504
C-280	64260.08	17729.84	127.03	2505
C-280	64279.32	17728.69	126.39	2506
C-280	64332.05	17722.22	124.90	2507
C-281	64216.38	17747.99	138.96	2508
C-281	64201.46	17763.65	142.18	2509
C-281	64242.29	17761.40	136.73	2510
C-281	64275.84	17759.33	127.17	2511
C-281	64289.45	17757.87	126.15	2512
C-281	64332.13	17752.24	124.93	2513
C-281	64331.61	17736.59	124.24	2514
C-281	64289.19	17742.16	126.13	2515
C-281	64268.55	17744.29	127.21	2516
C-281	64231.52	17746.49	137.20	2517

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-282	64187.50	17779.53	145.37	2518
C-282	64201.59	17762.96	142.09	2519
C-282	64216.65	17762.00	140.18	2520
C-282	64217.34	17777.67	141.66	2521
C-283	64331.93	17750.68	124.66	2522
C-283	64332.90	17766.16	124.61	2523
C-283	64296.62	17771.20	122.84	2524
C-283	64289.62	17772.60	126.09	2525
C-283	64243.44	17776.53	137.80	2526
C-283	64215.40	17778.42	141.96	2527
C-283	64213.61	17762.34	140.50	2528
C-283	64241.49	17760.67	136.87	2529
C-283	64288.91	17756.88	126.18	2530
C-283	64296.75	17755.51	122.83	2531
C-284	64305.81	17784.82	126.88	2532
C-284	64305.85	17768.53	126.77	2533
C-284	64333.08	17765.35	124.91	2534
C-284	64333.69	17780.91	124.57	2535
C-285	64190.34	17793.74	146.33	2536
C-285	64240.82	17791.38	138.47	2537
C-285	64245.82	17791.12	137.61	2538
C-285	64281.95	17787.96	126.50	2539
C-285	64289.47	17787.56	126.13	2540
C-285	64318.40	17782.76	127.31	2541
C-285	64316.09	17767.44	127.16	2542
C-285	64289.63	17771.73	126.09	2543
C-285	64281.43	17772.37	126.48	2544
C-285	64245.13	17775.16	137.46	2545
C-285	64242.49	17775.27	137.87	2546
C-285	64189.67	17777.97	144.99	2547
C-285	64188.30	17778.05	145.14	2548
C-285	64171.70	17794.71	148.60	2549
C-286	64247.55	17806.18	137.37	2550
C-286	64289.21	17802.37	126.23	2551
C-286	64332.77	17795.90	124.67	2552
C-286	64333.43	17779.98	124.53	2553
C-286	64289.32	17786.48	126.13	2554
C-286	64246.16	17790.15	137.55	2555
C-286	64187.11	17792.39	146.70	2556
C-286	64188.86	17809.60	147.15	2557

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-287	64189.60	17823.99	147.19	2558
C-287	64247.70	17821.37	137.38	2559
C-287	64289.37	17817.20	126.24	2560
C-287	64333.09	17810.62	124.80	2561
C-287	64332.38	17794.84	124.70	2562
C-287	64289.12	17801.40	126.23	2563
C-287	64247.61	17805.07	137.36	2564
C-287	64188.80	17808.31	147.14	2565
C-288	64188.76	17823.16	147.33	2566
C-288	64189.65	17838.96	147.27	2567
C-288	64248.93	17836.11	137.09	2568
C-288	64288.29	17832.21	126.31	2569
C-288	64333.47	17825.34	124.79	2570
C-288	64332.59	17809.48	124.78	2571
C-288	64289.28	17816.15	126.24	2572
C-288	64247.76	17820.28	137.36	2573
C-289	64192.52	17837.97	146.79	2574
C-289	64193.20	17854.00	146.70	2575
C-289	64247.99	17851.35	137.39	2576
C-289	64289.74	17847.23	126.17	2577
C-289	64333.73	17840.34	125.80	2578
C-289	64333.40	17824.48	124.79	2579
C-289	64289.60	17830.91	126.19	2580
C-289	64248.59	17835.03	137.18	2581
C-290	64152.52	17809.95	152.19	2582
C-290	64163.95	17798.55	149.86	2583
C-290	64170.74	17793.75	148.62	2584
C-290	64190.95	17792.70	146.19	2585
C-290	64191.88	17808.27	146.68	2586
C-291	64191.42	17807.36	146.73	2587
C-291	64191.48	17823.64	146.88	2588
C-291	64147.01	17824.85	153.98	2589
C-291	64131.42	17824.47	155.25	2590
C-291	64152.91	17808.86	152.09	2591
C-292	64192.55	17838.80	146.79	2592
C-292	64126.63	17839.26	155.79	2593
C-292	64127.29	17823.32	155.35	2594
C-292	64147.09	17823.66	153.86	2595
C-292	64192.06	17822.71	146.78	2596

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-293	64195.59	17853.91	146.29	2597
C-293	64195.62	17837.90	146.27	2598
C-293	64143.17	17839.45	155.05	2599
C-293	64127.08	17838.57	155.79	2600
C-293	64126.99	17854.27	155.64	2601
C-293	64143.02	17854.22	155.24	2602
C-294	64190.82	17852.64	147.10	2603
C-294	64248.59	17850.18	137.27	2604
C-294	64289.28	17846.16	126.31	2605
C-294	64333.63	17838.99	125.79	2606
C-294	64332.97	17854.95	125.10	2607
C-294	64288.41	17862.17	126.53	2608
C-294	64249.63	17866.21	137.05	2609
C-294	64192.23	17868.89	146.90	2610
C-295	64193.67	17883.16	146.66	2611
C-295	64250.30	17881.18	136.94	2612
C-295	64288.56	17876.85	126.55	2613
C-295	64332.41	17870.29	125.11	2614
C-295	64332.93	17853.89	125.10	2615
C-295	64288.42	17860.95	126.53	2616
C-295	64249.49	17865.29	137.08	2617
C-295	64192.72	17867.57	146.83	2618
C-296	64278.74	17877.16	127.41	2619
C-296	64297.64	17876.74	123.32	2620
C-296	64320.95	17875.55	127.39	2621
C-296	64332.68	17874.93	125.07	2622
C-296	64332.54	17869.34	125.10	2623
C-296	64320.58	17870.53	127.38	2624
C-296	64297.00	17873.33	123.16	2625
C-297	64249.77	17879.85	137.08	2626
C-297	64189.35	17881.88	147.36	2627
C-297	64189.76	17890.62	147.33	2628
C-297	64250.37	17890.75	137.00	2629
C-297	64289.23	17890.29	126.54	2630
C-297	64332.34	17890.12	125.11	2631
C-297	64332.33	17874.04	125.14	2632
C-297	64288.59	17875.61	126.54	2633

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-298	64185.93	17889.74	147.95	2634
C-298	64186.00	17905.29	148.02	2635
C-298	64250.36	17905.51	137.06	2636
C-298	64289.32	17905.20	126.51	2637
C-298	64331.90	17904.69	125.21	2638
C-298	64332.31	17889.05	125.12	2639
C-298	64289.43	17889.05	126.48	2640
C-298	64250.10	17889.57	137.06	2641
C-299	64126.29	17853.35	155.67	2642
C-299	64126.50	17869.30	155.67	2643
C-299	64194.26	17868.15	146.57	2644
C-299	64193.50	17852.38	146.64	2645
C-300	64126.85	17868.20	155.66	2646
C-300	64126.19	17884.64	155.74	2647
C-300	64196.10	17882.88	146.26	2648
C-300	64194.76	17867.08	146.48	2649
C-301	64193.17	17890.67	146.78	2650
C-301	64192.67	17882.08	146.82	2651
C-301	64178.17	17883.01	149.19	2652
C-301	64178.44	17890.86	149.18	2653
C-302	64166.85	17882.92	151.12	2654
C-302	64166.46	17890.76	151.22	2655
C-302	64181.14	17890.86	148.74	2656
C-302	64180.82	17882.83	148.75	2657
C-303	64126.29	17883.51	155.73	2658
C-303	64126.00	17889.93	155.77	2659
C-303	64168.82	17890.22	150.82	2660
C-303	64169.35	17882.88	150.69	2661
C-304	64125.99	17888.62	155.76	2662
C-304	64125.67	17904.67	155.85	2663
C-304	64188.00	17905.16	147.69	2664
C-304	64187.96	17889.59	147.62	2665
C-305	64187.37	17904.14	147.79	2666
C-305	64187.71	17920.37	147.84	2667
C-305	64332.12	17918.66	125.41	2668
C-305	64332.14	17903.34	125.14	2669

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-306	64126.05	17903.49	155.82	2670
C-306	64126.16	17919.33	155.92	2671
C-306	64190.02	17920.12	147.46	2672
C-306	64189.96	17904.07	147.37	2673
C-307	64075.02	17938.60	157.99	2674
C-307	64059.19	17937.74	158.61	2675
C-307	64058.50	17952.37	158.66	2676
C-307	64074.00	17952.96	158.05	2677
C-308	64074.05	17938.33	158.02	2678
C-308	64073.02	17953.01	158.09	2679
C-308	64088.78	17954.09	157.47	2680
C-308	64089.84	17938.49	157.39	2681
C-309	64103.73	17939.21	156.86	2682
C-309	64103.04	17955.49	156.89	2683
C-309	64087.39	17953.87	157.52	2684
C-309	64088.29	17938.61	157.45	2685
C-310	64102.30	17940.23	156.92	2686
C-310	64114.40	17941.46	156.44	2687
C-310	64112.89	17955.45	156.50	2688
C-310	64101.46	17954.55	156.95	2689
C-311	64127.01	17957.36	155.94	2690
C-311	64111.11	17955.79	156.57	2691
C-311	64113.24	17935.78	156.49	2692
C-311	64128.58	17938.95	155.87	2693
C-312	64058.38	17951.28	158.66	2694
C-312	64057.82	17969.52	158.67	2695
C-312	64073.84	17969.59	158.03	2696
C-312	64074.10	17951.90	158.05	2697
C-313	64073.15	17951.61	158.09	2698
C-313	64072.50	17967.44	158.08	2699
C-313	64088.49	17967.42	157.48	2700
C-313	64088.64	17951.88	157.47	2701
C-314	64102.40	17969.14	156.94	2702
C-314	64086.53	17968.02	157.56	2703
C-314	64087.46	17952.59	157.52	2704
C-314	64103.69	17953.87	156.86	2705

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-315	64331.95	17933.65	125.63	2706
C-315	64250.02	17935.51	137.54	2707
C-315	64208.45	17935.10	144.48	2708
C-315	64208.35	17919.27	144.44	2709
C-315	64331.92	17918.32	125.44	2710
C-316	64332.00	17933.16	125.62	2711
C-316	64331.37	17948.49	125.91	2712
C-316	64249.62	17950.54	137.66	2713
C-316	64190.92	17949.95	147.47	2714
C-316	64190.54	17933.91	147.47	2715
C-316	64249.83	17934.57	137.58	2716
C-317	64332.03	17963.32	125.69	2717
C-317	64250.27	17965.39	137.60	2718
C-317	64189.63	17965.16	147.73	2719
C-317	64189.39	17949.10	147.72	2720
C-317	64249.69	17949.41	137.64	2721
C-317	64331.11	17947.44	126.01	2722
C-318	64210.04	17918.91	144.16	2723
C-318	64210.03	17934.92	144.21	2724
C-318	64124.88	17934.26	156.02	2725
C-318	64124.65	17918.35	155.98	2726
C-319	64332.34	17961.66	125.68	2727
C-319	64332.95	17976.55	125.48	2728
C-319	64249.61	17979.77	137.80	2729
C-319	64196.04	17979.52	146.68	2730
C-319	64196.07	17963.77	146.66	2731
C-319	64249.63	17963.98	137.72	2732
C-320	64192.32	17979.07	147.30	2733
C-320	64192.96	17994.78	147.26	2734
C-320	64249.58	17995.07	137.84	2735
C-320	64333.25	17991.46	126.40	2736
C-320	64332.82	17975.75	125.51	2737
C-320	64249.05	17978.86	137.89	2738
C-321	64192.14	17949.86	147.27	2739
C-321	64192.36	17934.11	147.17	2740
C-321	64144.47	17933.36	155.15	2741
C-321	64124.94	17933.26	156.01	2742
C-321	64124.70	17949.34	156.03	2743
C-321	64144.24	17949.51	155.22	2744

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-322	64191.52	17964.66	147.42	2745
C-322	64191.34	17948.56	147.40	2746
C-322	64144.18	17948.58	155.22	2747
C-322	64123.75	17948.47	156.07	2748
C-322	64123.61	17964.52	156.06	2749
C-322	64143.93	17964.54	155.25	2750
C-323	64198.81	17979.80	146.22	2751
C-323	64122.55	17979.20	156.11	2752
C-323	64122.85	17963.38	156.10	2753
C-323	64199.08	17963.72	146.15	2754
C-324	64194.70	17978.55	146.90	2755
C-324	64194.50	17994.54	147.00	2756
C-324	64127.69	17994.26	155.91	2757
C-324	64128.35	17978.33	155.86	2758
C-325	64122.65	17978.25	156.10	2759
C-325	64121.59	17993.93	156.17	2760
C-325	64131.42	17994.66	155.77	2761
C-325	64131.69	17978.64	155.73	2762
C-326	64101.24	17968.60	156.98	2763
C-326	64102.48	17952.74	156.91	2764
C-326	64111.50	17953.47	156.56	2765
C-326	64110.20	17969.28	156.61	2766
C-327	64082.57	17932.51	157.67	2767
C-327	64081.85	17945.16	157.73	2768
C-327	64065.95	17944.41	158.36	2769
C-327	64067.10	17931.35	158.29	2770
C-328	64123.72	17994.30	156.08	2771
C-328	64107.99	17993.52	156.75	2772
C-328	64110.84	17953.95	156.58	2773
C-328	64126.34	17955.37	155.96	2774
C-329	64108.78	17993.47	156.71	2775
C-329	64092.23	17993.49	157.38	2776
C-329	64094.94	17966.31	157.23	2777
C-329	64110.40	17967.65	156.60	2778

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-330	64093.79	17993.60	157.32	2779
C-330	64077.97	17992.50	157.94	2780
C-330	64079.88	17966.43	157.83	2781
C-330	64095.61	17966.76	157.20	2782
C-331	64081.79	17981.84	157.77	2783
C-331	64060.26	17981.29	158.58	2784
C-331	64060.26	17966.99	158.53	2785
C-331	64081.13	17966.19	157.78	2786
C-332	64081.78	17995.87	157.80	2787
C-332	64060.71	17996.20	158.63	2788
C-332	64060.30	17980.27	158.57	2789
C-332	64081.65	17980.12	157.77	2790
C-333	64332.85	17990.28	125.81	2791
C-333	64332.02	18006.13	125.65	2792
C-333	64249.01	18009.63	137.98	2793
C-333	64190.66	18008.25	147.69	2794
C-333	64191.09	17994.02	147.57	2795
C-333	64248.41	17993.73	138.03	2796
C-334	64331.47	18005.18	125.75	2797
C-334	64331.52	18020.40	125.89	2798
C-334	64249.96	18024.24	137.87	2799
C-334	64188.71	18023.13	148.07	2800
C-334	64188.99	18007.28	147.97	2801
C-334	64249.07	18008.73	137.96	2802
C-335	64331.46	18019.46	125.89	2803
C-335	64331.27	18034.82	126.03	2804
C-335	64250.32	18039.41	137.85	2805
C-335	64187.63	18039.16	148.29	2806
C-335	64187.63	18021.93	148.25	2807
C-335	64249.88	18023.44	137.88	2808
C-336	64195.82	17992.97	146.77	2809
C-336	64144.09	17993.23	155.27	2810
C-336	64060.67	17991.97	158.61	2811
C-336	64060.94	18007.88	158.64	2812
C-336	64143.42	18008.97	155.30	2813
C-336	64194.82	18009.10	147.00	2814

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-337	64087.34	18022.56	157.60	2815
C-337	64062.16	18022.45	158.62	2816
C-337	64062.19	18006.78	158.57	2817
C-337	64087.45	18006.97	157.59	2818
C-338	64191.79	18024.04	147.55	2819
C-338	64085.14	18022.37	157.69	2820
C-338	64085.77	18007.12	157.66	2821
C-338	64191.88	18008.36	147.49	2822
C-339	64110.80	18022.04	156.66	2823
C-339	64110.85	18037.17	156.66	2824
C-339	64061.85	18036.98	158.67	2825
C-339	64061.99	18021.56	158.62	2826
C-340	64189.97	18023.10	147.86	2827
C-340	64189.85	18038.77	147.92	2828
C-340	64108.52	18038.30	156.76	2829
C-340	64108.11	18022.38	156.77	2830
C-341	64128.07	18052.36	155.95	2831
C-341	64127.87	18036.71	155.96	2832
C-341	64089.34	18036.41	157.53	2833
C-341	64061.28	18036.41	158.69	2834
C-341	64061.32	18051.86	158.72	2835
C-341	64090.05	18052.05	157.53	2836
C-342	64237.43	18052.84	140.03	2837
C-342	64289.57	18050.87	126.87	2838
C-342	64332.36	18049.03	125.97	2839
C-342	64331.71	18033.60	125.94	2840
C-342	64289.65	18035.31	126.73	2841
C-342	64240.98	18037.29	139.39	2842
C-342	64189.94	18037.78	147.90	2843
C-342	64189.99	18053.31	147.91	2844
C-343	64332.35	18048.50	125.96	2845
C-343	64285.57	18050.21	127.05	2846
C-343	64237.51	18052.19	140.01	2847
C-343	64189.67	18053.14	147.96	2848
C-343	64190.21	18068.62	147.93	2849
C-343	64286.92	18065.65	127.03	2850
C-343	64332.05	18064.36	126.30	2851

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-344	64331.89	18063.27	125.94	2852
C-344	64331.24	18077.87	126.04	2853
C-344	64240.40	18082.83	139.62	2854
C-344	64186.91	18083.17	148.52	2855
C-344	64186.58	18067.57	148.53	2856
C-344	64240.78	18066.83	139.52	2857
C-345	64191.87	18098.21	147.73	2858
C-345	64242.78	18097.63	139.25	2859
C-345	64331.09	18092.79	126.21	2860
C-345	64331.26	18077.28	126.04	2861
C-345	64240.38	18081.84	139.62	2862
C-345	64191.86	18082.35	147.70	2863
C-346	64330.96	18107.60	126.70	2864
C-346	64330.75	18092.14	126.19	2865
C-346	64238.90	18096.63	139.90	2866
C-346	64188.40	18097.18	148.31	2867
C-346	64188.72	18113.13	148.30	2868
C-346	64239.34	18112.33	139.86	2869
C-346	64251.68	18112.22	137.79	2870
C-347	64330.64	18121.59	127.49	2871
C-347	64330.56	18106.64	126.26	2872
C-347	64251.60	18111.17	137.80	2873
C-347	64186.59	18112.51	148.66	2874
C-347	64186.91	18127.60	148.64	2875
C-347	64252.17	18126.95	137.76	2876
C-348	64246.11	18141.35	138.83	2877
C-348	64187.52	18143.23	148.60	2878
C-348	64247.73	18125.34	138.50	2879
C-348	64330.41	18121.42	127.16	2880
C-348	64328.56	18136.75	126.91	2881
C-349	64191.37	18053.37	147.68	2882
C-349	64191.54	18037.46	147.63	2883
C-349	64126.03	18036.84	156.03	2884
C-349	64125.86	18052.64	156.05	2885
C-349	64142.84	18053.01	155.40	2886

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-350	64191.58	18052.55	147.64	2887
C-350	64142.67	18052.03	155.40	2888
C-350	64109.02	18051.48	156.76	2889
C-350	64108.86	18067.09	156.76	2890
C-350	64142.05	18067.71	155.44	2891
C-350	64192.01	18068.19	147.63	2892
C-351	64061.57	18066.57	158.68	2893
C-351	64062.18	18051.16	158.69	2894
C-351	64110.54	18051.71	156.70	2895
C-351	64110.20	18067.15	156.71	2896
C-352	64089.09	18081.36	157.56	2897
C-352	64142.70	18082.75	155.42	2898
C-352	64191.88	18082.79	147.70	2899
C-352	64191.56	18067.09	147.70	2900
C-352	64141.96	18066.63	155.45	2901
C-352	64089.76	18065.96	157.53	2902
C-353	64091.66	18081.52	157.46	2903
C-353	64091.83	18066.45	157.45	2904
C-353	64061.22	18066.11	158.69	2905
C-353	64060.11	18080.44	158.73	2906
C-354	64074.01	18080.29	158.16	2907
C-354	64073.57	18096.00	158.19	2908
C-354	64143.30	18097.70	155.41	2909
C-354	64193.77	18097.69	147.41	2910
C-354	64193.98	18082.34	147.34	2911
C-354	64142.74	18082.07	155.42	2912
C-355	64060.66	18096.09	158.76	2913
C-355	64076.53	18096.08	158.07	2914
C-355	64076.07	18081.08	158.08	2915
C-355	64060.56	18080.22	158.71	2916
C-356	64061.50	18110.68	158.75	2917
C-356	64143.46	18112.60	155.41	2918
C-356	64189.73	18112.68	148.13	2919
C-356	64189.78	18096.94	148.08	2920
C-356	64143.35	18096.84	155.40	2921
C-356	64060.86	18094.98	158.74	2922

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-357	64060.92	18109.85	158.77	2923
C-357	64067.22	18110.18	158.49	2924
C-357	64067.68	18125.56	158.49	2925
C-357	64061.22	18125.98	158.77	2926
C-358	64065.57	18125.68	158.58	2927
C-358	64144.31	18127.39	155.39	2928
C-358	64188.48	18127.07	148.38	2929
C-358	64188.69	18111.71	148.30	2930
C-358	64143.27	18111.41	155.42	2931
C-358	64065.80	18110.09	158.56	2932
C-359	64086.68	18141.36	157.71	2933
C-359	64087.04	18125.50	157.69	2934
C-359	64060.70	18125.51	158.79	2935
C-359	64060.43	18140.85	158.83	2936
C-360	64084.33	18141.31	157.81	2937
C-360	64086.68	18141.36	157.71	2938
C-360	64143.97	18142.23	155.40	2939
C-360	64188.86	18142.98	148.37	2940
C-360	64189.24	18127.19	148.25	2941
C-360	64085.16	18125.50	157.77	2942
C-361	64060.16	18140.09	158.84	2943
C-361	64061.01	18155.54	158.81	2944
C-361	64088.80	18156.11	157.63	2945
C-361	64088.57	18140.25	157.64	2946
C-362	64328.70	18136.36	126.87	2947
C-362	64329.82	18152.15	126.56	2948
C-362	64288.63	18153.80	127.12	2949
C-362	64238.24	18156.60	140.19	2950
C-362	64186.60	18157.32	148.81	2951
C-362	64186.02	18142.16	148.84	2952
C-362	64237.21	18140.91	140.31	2953
C-362	64289.28	18138.10	127.07	2954
C-363	64189.01	18141.94	148.34	2955
C-363	64188.79	18157.42	148.44	2956
C-363	64135.84	18156.66	155.74	2957
C-363	64086.87	18157.04	157.71	2958
C-363	64085.97	18141.19	157.74	2959
C-363	64136.20	18141.00	155.72	2960

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-364	64061.84	18154.78	158.78	2961
C-364	64061.71	18170.39	158.77	2962
C-364	64111.18	18171.49	156.75	2963
C-364	64111.48	18155.73	156.72	2964
C-365	64238.91	18170.97	140.13	2965
C-365	64184.81	18172.15	149.15	2966
C-365	64184.13	18156.54	149.21	2967
C-365	64238.28	18155.51	140.19	2968
C-365	64288.29	18153.17	127.14	2969
C-365	64330.72	18151.37	126.42	2970
C-365	64330.07	18166.82	126.48	2971
C-365	64288.37	18168.74	127.16	2972
C-366	64109.55	18171.65	156.81	2973
C-366	64110.28	18156.29	156.77	2974
C-366	64148.17	18156.31	155.18	2975
C-366	64185.95	18156.58	148.91	2976
C-366	64185.97	18171.90	148.95	2977
C-366	64147.91	18171.76	155.18	2978
C-367	64062.78	18169.45	158.72	2979
C-367	64063.17	18185.26	158.71	2980
C-367	64131.21	18185.89	155.94	2981
C-367	64130.98	18170.51	155.94	2982
C-368	64329.90	18181.55	126.57	2983
C-368	64244.30	18185.46	139.27	2984
C-368	64188.94	18186.86	148.49	2985
C-368	64188.70	18171.34	148.50	2986
C-368	64242.48	18169.89	139.53	2987
C-368	64329.63	18165.91	126.59	2988
C-369	64190.19	18171.31	148.25	2989
C-369	64156.52	18171.57	153.84	2990
C-369	64129.02	18170.71	156.02	2991
C-369	64128.50	18186.28	156.06	2992
C-369	64156.21	18187.05	153.94	2993
C-369	64190.39	18186.74	148.25	2994
C-370	64062.46	18184.52	158.74	2995
C-370	64062.36	18199.87	158.80	2996
C-370	64107.10	18200.68	156.95	2997
C-370	64136.43	18201.11	155.75	2998
C-370	64136.87	18185.60	155.71	2999

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-371	64063.20	18198.89	158.76	3000
C-371	64063.53	18214.48	158.74	3001
C-371	64076.40	18214.42	158.20	3002
C-371	64076.58	18199.22	158.16	3003
C-372	64329.87	18180.64	126.53	3004
C-372	64329.68	18195.85	126.74	3005
C-372	64235.29	18200.48	140.82	3006
C-372	64233.44	18200.65	141.13	3007
C-372	64185.66	18201.70	149.08	3008
C-372	64184.65	18186.39	149.21	3009
C-372	64232.64	18185.07	141.22	3010
C-373	64187.30	18185.96	148.76	3011
C-373	64187.78	18201.47	148.73	3012
C-373	64157.82	18202.28	153.73	3013
C-373	64134.17	18201.09	155.84	3014
C-373	64134.42	18185.96	155.81	3015
C-373	64157.61	18186.48	153.71	3016
C-374	64176.69	18200.73	150.57	3017
C-374	64177.03	18216.39	150.57	3018
C-374	64151.02	18216.87	154.86	3019
C-374	64136.03	18216.13	155.78	3020
C-374	64109.84	18215.36	156.85	3021
C-374	64073.60	18214.51	158.31	3022
C-374	64073.98	18198.87	158.27	3023
C-374	64110.52	18199.77	156.81	3024
C-374	64135.95	18200.56	155.77	3025
C-375	64234.77	18199.50	140.90	3026
C-375	64330.00	18194.86	126.82	3027
C-375	64330.26	18210.15	127.14	3028
C-375	64236.42	18215.09	140.66	3029
C-375	64183.83	18216.18	149.44	3030
C-375	64183.69	18215.33	149.46	3031
C-375	64184.21	18200.77	149.32	3032
C-376	64329.37	18209.49	126.94	3033
C-376	64330.27	18225.20	127.02	3034
C-376	64234.01	18229.31	141.10	3035
C-376	64184.02	18230.38	149.45	3036
C-376	64233.53	18213.84	141.14	3037

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-377	64329.93	18224.64	127.00	3038
C-377	64329.79	18240.29	127.02	3039
C-377	64247.22	18243.82	138.94	3040
C-377	64186.42	18245.58	149.09	3041
C-377	64185.99	18229.90	149.12	3042
C-377	64243.97	18228.28	139.45	3043
C-378	64329.64	18239.21	127.05	3044
C-378	64329.44	18254.11	127.03	3045
C-378	64250.12	18258.66	138.50	3046
C-378	64185.02	18260.00	149.37	3047
C-378	64184.08	18244.60	149.48	3048
C-378	64247.55	18242.97	138.89	3049
C-379	64186.92	18200.65	148.87	3050
C-379	64187.21	18216.13	148.87	3051
C-379	64174.78	18216.42	150.94	3052
C-379	64174.70	18200.94	150.91	3053
C-380	64184.63	18215.40	149.30	3054
C-380	64185.38	18230.92	149.22	3055
C-380	64112.92	18229.81	156.73	3056
C-380	64063.46	18229.53	158.75	3057
C-380	64062.90	18214.30	158.77	3058
C-380	64114.87	18214.22	156.64	3059
C-381	64066.89	18244.79	158.64	3060
C-381	64066.86	18228.78	158.61	3061
C-381	64085.17	18228.29	157.87	3062
C-381	64085.39	18243.57	157.88	3063
C-382	64084.19	18228.54	157.91	3064
C-382	64124.37	18229.64	156.26	3065
C-382	64188.41	18230.01	148.71	3066
C-382	64188.64	18245.12	148.72	3067
C-382	64125.17	18245.05	156.23	3068
C-382	64083.55	18243.93	157.95	3069
C-383	64063.79	18244.03	158.77	3070
C-383	64064.47	18259.66	158.75	3071
C-383	64111.75	18258.33	156.79	3072
C-383	64111.32	18243.09	156.80	3073

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-384	64146.67	18259.72	155.37	3074
C-384	64187.24	18260.27	149.00	3075
C-384	64187.45	18244.67	148.92	3076
C-384	64146.66	18245.16	155.36	3077
C-384	64109.18	18244.03	156.89	3078
C-384	64109.24	18259.96	156.90	3079
C-385	64067.74	18274.74	158.62	3080
C-385	64067.30	18259.14	158.64	3081
C-385	64109.43	18257.63	156.89	3082
C-385	64138.42	18258.74	155.70	3083
C-385	64138.05	18274.83	155.74	3084
C-385	64108.92	18273.77	156.92	3085
C-386	64109.43	18257.63	156.89	3086
C-386	64329.08	18253.49	127.11	3087
C-386	64330.27	18268.99	126.94	3088
C-386	64254.83	18273.35	137.73	3089
C-386	64184.06	18274.53	149.56	3090
C-386	64183.26	18258.91	149.66	3091
C-386	64254.35	18257.53	137.79	3092
C-387	64138.42	18258.74	155.70	3093
C-387	64330.04	18268.02	126.80	3094
C-387	64330.89	18283.75	127.32	3095
C-387	64256.00	18287.83	137.55	3096
C-387	64186.83	18289.53	149.15	3097
C-387	64186.38	18273.76	149.17	3098
C-387	64255.82	18272.03	137.54	3099
C-388	64138.05	18274.83	155.74	3100
C-388	64330.69	18282.51	127.05	3101
C-388	64330.26	18297.80	127.21	3102
C-388	64255.93	18302.89	137.63	3103
C-388	64188.81	18304.63	148.87	3104
C-388	64188.56	18288.48	148.86	3105
C-388	64255.62	18286.97	137.62	3106
C-389	64108.92	18273.77	156.92	3107
C-389	64329.99	18296.88	126.82	3108
C-389	64329.54	18312.57	127.00	3109
C-389	64257.42	18317.46	137.42	3110
C-389	64186.27	18319.25	149.33	3111
C-389	64186.03	18303.61	149.33	3112
C-389	64255.78	18301.82	137.65	3113

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-390	64185.91	18259.08	149.22	3114
C-390	64186.41	18274.70	149.17	3115
C-390	64148.94	18275.06	155.29	3116
C-390	64135.06	18275.11	155.86	3117
C-390	64135.61	18259.44	155.82	3118
C-390	64149.04	18259.56	155.25	3119
C-391	64188.99	18273.48	148.74	3120
C-391	64188.68	18289.15	148.85	3121
C-391	64148.59	18288.80	155.31	3122
C-391	64118.83	18289.42	156.53	3123
C-391	64091.37	18288.33	157.66	3124
C-391	64091.07	18272.29	157.66	3125
C-391	64118.20	18273.59	156.54	3126
C-391	64149.01	18273.80	155.29	3127
C-392	64092.25	18272.38	157.61	3128
C-392	64067.00	18273.51	158.65	3129
C-392	64067.27	18288.79	158.65	3130
C-392	64093.54	18288.30	157.57	3131
C-393	64093.11	18287.50	157.59	3132
C-393	64149.03	18288.84	155.30	3133
C-393	64190.24	18288.26	148.58	3134
C-393	64191.62	18304.97	148.40	3135
C-393	64148.04	18304.62	155.34	3136
C-393	64092.89	18303.38	157.63	3137
C-393	64065.53	18303.69	158.76	3138
C-393	64065.89	18287.80	158.71	3139
C-394	64067.73	18317.44	158.67	3140
C-394	64067.90	18301.76	158.66	3141
C-394	64149.30	18303.68	155.29	3142
C-394	64188.11	18303.57	148.98	3143
C-394	64188.53	18319.29	148.95	3144
C-394	64149.76	18319.40	155.28	3145
C-395	64100.32	18317.05	157.32	3146
C-395	64099.63	18332.73	157.36	3147
C-395	64068.11	18331.53	158.65	3148
C-395	64069.16	18315.97	158.61	3149

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-396	64329.50	18311.63	127.00	3150
C-396	64329.91	18327.42	127.08	3151
C-396	64255.35	18332.38	137.83	3152
C-396	64211.95	18334.01	145.08	3153
C-396	64182.62	18334.08	149.97	3154
C-396	64182.62	18318.57	149.94	3155
C-396	64212.11	18318.11	145.01	3156
C-397	64185.09	18318.12	149.52	3157
C-397	64185.06	18333.69	149.56	3158
C-397	64148.44	18334.00	155.35	3159
C-397	64096.96	18332.70	157.47	3160
C-397	64097.63	18316.94	157.43	3161
C-397	64149.78	18318.21	155.28	3162
C-398	64132.05	18332.76	156.03	3163
C-398	64131.85	18348.70	156.04	3164
C-398	64067.30	18346.11	158.69	3165
C-398	64066.59	18330.37	158.72	3166
C-399	64330.33	18326.68	127.45	3167
C-399	64330.64	18342.56	126.91	3168
C-399	64256.58	18347.17	137.64	3169
C-399	64187.17	18348.99	149.24	3170
C-399	64187.14	18333.04	149.21	3171
C-399	64256.02	18331.38	137.71	3172
C-400	64330.35	18341.09	126.98	3173
C-400	64330.86	18356.45	126.85	3174
C-400	64257.84	18361.62	137.45	3175
C-400	64186.37	18363.80	149.40	3176
C-400	64185.94	18348.08	149.44	3177
C-400	64257.71	18346.10	137.42	3178
C-401	64331.02	18355.41	126.81	3179
C-401	64330.88	18370.96	126.80	3180
C-401	64257.76	18376.65	137.52	3181
C-401	64185.68	18378.58	149.56	3182
C-401	64185.33	18362.67	149.57	3183
C-401	64239.31	18361.72	140.59	3184

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-402	64188.17	18333.05	149.04	3185
C-402	64188.47	18348.99	149.02	3186
C-402	64148.56	18349.30	155.33	3187
C-402	64129.17	18349.06	156.15	3188
C-402	64130.46	18333.13	156.09	3189
C-402	64149.16	18333.38	155.32	3190
C-403	64187.77	18347.55	149.14	3191
C-403	64188.40	18363.43	149.06	3192
C-403	64149.23	18364.24	155.33	3193
C-403	64094.22	18362.96	157.60	3194
C-403	64095.09	18346.34	157.54	3195
C-403	64149.45	18348.25	155.30	3196
C-404	64096.86	18346.44	157.46	3197
C-404	64095.90	18362.70	157.53	3198
C-404	64069.43	18361.00	158.63	3199
C-404	64070.05	18345.31	158.58	3200
C-405	64187.49	18362.31	149.21	3201
C-405	64187.66	18378.50	149.23	3202
C-405	64149.78	18379.07	155.33	3203
C-405	64081.71	18376.87	158.16	3204
C-405	64082.43	18361.09	158.09	3205
C-405	64149.50	18363.03	155.31	3206
C-406	64188.33	18377.23	149.12	3207
C-406	64189.04	18393.06	149.04	3208
C-406	64237.02	18391.97	141.07	3209
C-406	64259.56	18391.09	137.08	3210
C-406	64331.14	18385.42	127.14	3211
C-406	64330.75	18369.77	126.85	3212
C-406	64258.02	18375.23	137.47	3213
C-406	64236.90	18376.40	141.04	3214
C-407	64330.89	18384.58	126.84	3215
C-407	64330.87	18400.37	127.13	3216
C-407	64263.57	18405.21	135.84	3217
C-407	64236.48	18406.64	141.19	3218
C-407	64189.07	18407.74	149.07	3219
C-407	64188.10	18391.75	149.20	3220
C-407	64236.86	18390.85	141.09	3221
C-407	64263.68	18389.81	135.72	3222

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-408	64184.06	18406.79	149.90	3223
C-408	64185.06	18422.64	149.80	3224
C-408	64236.70	18420.90	141.20	3225
C-408	64262.34	18420.34	136.34	3226
C-408	64331.41	18415.26	127.61	3227
C-408	64330.47	18399.55	127.13	3228
C-408	64263.38	18404.19	135.89	3229
C-408	64236.60	18404.77	141.16	3230
C-409	64330.70	18414.38	127.14	3231
C-409	64331.63	18429.73	127.67	3232
C-409	64257.81	18434.94	137.74	3233
C-409	64187.62	18437.07	149.43	3234
C-409	64187.05	18421.16	149.46	3235
C-409	64256.76	18419.19	137.86	3236
C-410	64090.68	18377.32	157.77	3237
C-410	64089.80	18392.43	157.82	3238
C-410	64149.43	18393.86	155.37	3239
C-410	64191.52	18393.01	148.63	3240
C-410	64190.73	18377.01	148.71	3241
C-410	64148.78	18377.55	155.37	3242
C-411	64072.24	18391.40	158.55	3243
C-411	64073.56	18375.58	158.49	3244
C-411	64092.58	18377.49	157.69	3245
C-411	64091.78	18392.43	157.74	3246
C-412	64072.44	18390.41	158.54	3247
C-412	64072.19	18405.98	158.56	3248
C-412	64144.05	18408.70	155.60	3249
C-412	64144.24	18392.73	155.58	3250
C-413	64191.34	18392.04	148.66	3251
C-413	64191.63	18407.99	148.64	3252
C-413	64141.92	18408.63	155.69	3253
C-413	64141.83	18392.78	155.68	3254
C-414	64108.41	18406.93	157.10	3255
C-414	64108.26	18422.96	157.10	3256
C-414	64151.42	18423.47	155.28	3257
C-414	64186.95	18422.71	149.49	3258
C-414	64186.12	18406.96	149.56	3259
C-414	64151.23	18407.65	155.30	3260

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-415	64072.61	18405.45	158.54	3261
C-415	64072.08	18422.04	158.57	3262
C-415	64109.94	18423.09	157.03	3263
C-415	64110.60	18407.09	157.01	3264
C-416	64071.66	18421.00	158.59	3265
C-416	64071.05	18436.85	158.62	3266
C-416	64087.52	18436.85	157.95	3267
C-416	64087.83	18421.48	157.93	3268
C-417	64079.17	18420.93	158.28	3269
C-417	64079.12	18436.69	158.30	3270
C-417	64151.49	18438.32	155.28	3271
C-417	64190.58	18437.28	148.93	3272
C-417	64189.65	18421.10	149.03	3273
C-417	64151.53	18422.47	155.28	3274
C-418	64332.52	18428.65	128.51	3275
C-418	64259.63	18449.21	137.35	3276
C-418	64189.44	18451.34	149.16	3277
C-418	64188.87	18435.43	149.21	3278
C-418	64258.58	18433.46	137.61	3279
C-418	64332.16	18444.07	128.83	3280
C-419	64330.29	18459.38	127.20	3281
C-419	64267.16	18463.76	134.98	3282
C-419	64186.32	18465.55	149.73	3283
C-419	64186.24	18450.08	149.70	3284
C-419	64266.24	18448.01	135.18	3285
C-419	64330.37	18443.75	127.19	3286
C-420	64329.66	18459.05	127.34	3287
C-420	64330.27	18474.72	127.19	3288
C-420	64259.78	18479.07	137.52	3289
C-420	64205.35	18479.93	146.61	3290
C-420	64185.48	18479.92	149.91	3291
C-420	64185.44	18464.15	149.87	3292
C-420	64204.54	18464.35	146.69	3293
C-420	64259.73	18463.31	137.41	3294

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-421	64330.31	18488.95	127.12	3295
C-421	64234.03	18494.56	141.88	3296
C-421	64188.21	18495.25	149.49	3297
C-421	64188.83	18480.06	149.35	3298
C-421	64233.29	18478.82	141.95	3299
C-421	64264.95	18477.75	135.81	3300
C-421	64330.26	18473.70	127.20	3301
C-422	64190.36	18434.90	148.96	3302
C-422	64191.05	18450.78	148.89	3303
C-422	64152.52	18452.30	155.25	3304
C-422	64113.37	18452.57	156.91	3305
C-422	64072.46	18451.09	158.60	3306
C-422	64072.75	18435.26	158.55	3307
C-422	64152.88	18436.46	155.20	3308
C-423	64072.26	18450.38	158.61	3309
C-423	64072.01	18465.99	158.63	3310
C-423	64101.64	18466.40	157.42	3311
C-423	64101.98	18450.77	157.39	3312
C-424	64099.04	18466.90	157.53	3313
C-424	64153.74	18467.07	155.11	3314
C-424	64188.50	18466.16	149.37	3315
C-424	64188.14	18450.13	149.38	3316
C-424	64152.63	18451.36	155.25	3317
C-424	64099.58	18451.55	157.49	3318
C-425	64099.82	18481.22	157.52	3319
C-425	64070.32	18480.55	158.71	3320
C-425	64070.96	18464.66	158.67	3321
C-425	64100.48	18465.56	157.47	3322
C-426	64188.22	18465.39	149.42	3323
C-426	64148.00	18466.33	155.45	3324
C-426	64098.68	18466.04	157.54	3325
C-426	64097.95	18481.30	157.59	3326
C-426	64147.82	18481.91	155.46	3327
C-426	64188.86	18480.96	149.35	3328
C-427	64130.92	18496.95	156.19	3329
C-427	64101.97	18496.45	157.44	3330
C-427	64071.10	18495.53	158.68	3331
C-427	64071.41	18479.91	158.66	3332
C-427	64102.18	18480.78	157.42	3333
C-427	64131.53	18481.32	156.17	3334

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-428	64188.83	18480.06	149.35	3335
C-428	64189.02	18495.48	149.36	3336
C-428	64153.61	18496.62	155.22	3337
C-428	64129.33	18496.83	156.26	3338
C-428	64128.76	18481.35	156.29	3339
C-428	64153.64	18481.40	155.14	3340
C-429	64163.49	18510.89	153.64	3341
C-429	64163.90	18495.65	153.53	3342
C-429	64111.43	18495.87	157.03	3343
C-429	64071.39	18494.23	158.67	3344
C-429	64070.77	18509.78	158.73	3345
C-429	64110.61	18511.46	157.07	3346
C-430	64330.43	18487.76	127.29	3347
C-430	64331.32	18503.36	126.72	3348
C-430	64286.49	18506.90	128.94	3349
C-430	64229.77	18509.37	142.62	3350
C-430	64161.52	18510.84	153.96	3351
C-430	64161.38	18495.05	153.95	3352
C-430	64230.63	18493.43	142.44	3353
C-431	64331.63	18502.64	126.66	3354
C-431	64331.68	18518.11	126.64	3355
C-431	64310.32	18519.44	128.29	3356
C-431	64258.85	18523.16	137.78	3357
C-431	64186.60	18524.84	149.85	3358
C-431	64185.88	18509.24	149.92	3359
C-431	64312.45	18503.40	128.30	3360
C-432	64260.15	18538.11	137.60	3361
C-432	64224.66	18539.18	143.53	3362
C-432	64186.55	18539.69	149.93	3363
C-432	64186.16	18524.25	149.92	3364
C-432	64260.85	18522.51	137.43	3365
C-432	64331.50	18516.19	126.61	3366
C-432	64331.38	18532.54	126.58	3367
C-433	64260.18	18537.28	137.59	3368
C-433	64185.11	18539.18	150.16	3369
C-433	64185.74	18554.48	150.10	3370
C-433	64260.77	18553.15	137.56	3371
C-433	64299.83	18549.65	124.59	3372
C-433	64331.48	18546.38	127.54	3373
C-433	64331.24	18530.74	126.61	3374

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-434	64187.88	18509.03	149.58	3375
C-434	64126.46	18511.24	156.38	3376
C-434	64092.45	18510.00	157.82	3377
C-434	64092.39	18525.83	157.83	3378
C-434	64126.25	18526.71	156.40	3379
C-434	64187.95	18524.74	149.62	3380
C-435	64137.43	18541.60	155.93	3381
C-435	64188.73	18539.70	149.57	3382
C-435	64188.20	18524.42	149.58	3383
C-435	64136.77	18526.02	155.96	3384
C-436	64110.42	18540.42	157.08	3385
C-436	64109.74	18555.76	157.14	3386
C-436	64071.34	18555.32	158.74	3387
C-436	64071.58	18538.09	158.73	3388
C-437	64108.24	18541.56	157.18	3389
C-437	64108.14	18556.08	157.21	3390
C-437	64153.14	18556.10	155.32	3391
C-437	64188.67	18554.52	149.61	3392
C-437	64187.99	18538.78	149.68	3393
C-437	64151.91	18540.41	155.34	3394
C-438	64139.55	18525.74	155.84	3395
C-438	64139.44	18541.49	155.85	3396
C-438	64071.28	18539.76	158.74	3397
C-438	64072.03	18524.25	158.70	3398
C-439	64093.82	18525.82	157.77	3399
C-439	64094.69	18510.10	157.73	3400
C-439	64072.67	18508.82	158.65	3401
C-439	64071.80	18524.93	158.71	3402
C-440	64330.71	18545.63	126.74	3403
C-440	64330.41	18561.51	126.88	3404
C-440	64261.46	18568.13	137.41	3405
C-440	64243.84	18568.47	140.43	3406
C-440	64225.57	18568.42	143.46	3407
C-440	64225.01	18552.80	143.49	3408
C-440	64261.19	18552.48	137.45	3409

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-441	64227.21	18568.55	143.19	3410
C-441	64189.33	18569.02	149.50	3411
C-441	64127.54	18569.88	156.36	3412
C-441	64078.14	18569.71	158.43	3413
C-441	64078.08	18553.94	158.44	3414
C-441	64127.15	18554.29	156.36	3415
C-441	64190.96	18553.14	149.22	3416
C-441	64227.00	18552.69	143.16	3417
C-442	64080.84	18554.49	158.33	3418
C-442	64071.70	18554.38	158.73	3419
C-442	64072.05	18570.36	158.70	3420
C-442	64081.10	18569.75	158.31	3421
C-443	64330.10	18560.91	126.93	3422
C-443	64330.25	18577.02	127.04	3423
C-443	64289.92	18580.55	128.72	3424
C-443	64244.58	18583.09	140.35	3425
C-443	64193.87	18583.71	148.79	3426
C-443	64193.11	18567.92	148.87	3427
C-443	64244.78	18567.59	140.27	3428
C-443	64293.52	18564.27	127.64	3429
C-444	64330.32	18576.02	127.03	3430
C-444	64330.09	18591.15	127.35	3431
C-444	64287.65	18595.33	129.46	3432
C-444	64266.57	18596.87	135.92	3433
C-444	64186.05	18598.39	150.13	3434
C-444	64185.87	18582.81	150.12	3435
C-444	64290.00	18579.45	128.68	3436
C-445	64330.24	18590.51	127.27	3437
C-445	64330.41	18606.15	127.21	3438
C-445	64266.86	18611.31	135.83	3439
C-445	64186.64	18612.99	149.99	3440
C-445	64186.82	18597.37	150.00	3441
C-445	64266.33	18595.38	135.98	3442
C-446	64330.27	18605.47	127.27	3443
C-446	64329.96	18621.10	127.48	3444
C-446	64266.85	18625.76	135.80	3445
C-446	64189.40	18628.31	149.47	3446
C-446	64188.83	18612.54	149.63	3447
C-446	64266.83	18610.13	135.85	3448

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-447	64195.91	18583.26	148.45	3449
C-447	64140.15	18584.41	155.87	3450
C-447	64070.90	18584.08	158.75	3451
C-447	64072.15	18568.66	158.70	3452
C-447	64141.38	18568.71	155.81	3453
C-447	64195.30	18567.51	148.51	3454
C-448	64091.81	18583.73	157.90	3455
C-448	64071.28	18583.33	158.73	3456
C-448	64071.20	18598.89	158.75	3457
C-448	64091.31	18599.46	157.94	3458
C-449	64187.84	18582.26	149.79	3459
C-449	64188.17	18598.21	149.77	3460
C-449	64136.67	18598.83	156.04	3461
C-449	64089.73	18599.38	158.00	3462
C-449	64090.39	18583.72	157.95	3463
C-449	64139.91	18583.34	155.88	3464
C-450	64123.26	18613.82	156.58	3465
C-450	64123.58	18598.28	156.58	3466
C-450	64094.56	18598.37	157.81	3467
C-450	64071.48	18598.10	158.74	3468
C-450	64071.09	18613.71	158.76	3469
C-450	64094.38	18613.97	157.81	3470
C-451	64189.88	18597.43	149.49	3471
C-451	64154.30	18597.84	155.31	3472
C-451	64120.75	18598.34	156.70	3473
C-451	64120.34	18614.00	156.71	3474
C-451	64153.37	18613.63	155.34	3475
C-451	64189.50	18612.69	149.52	3476
C-452	64191.30	18627.78	149.16	3477
C-452	64152.55	18628.08	155.34	3478
C-452	64112.06	18628.87	157.03	3479
C-452	64111.23	18613.33	157.10	3480
C-452	64152.93	18612.58	155.36	3481
C-452	64191.39	18611.87	149.21	3482
C-453	64113.48	18613.43	157.00	3483
C-453	64113.37	18628.97	156.98	3484
C-453	64088.20	18628.89	158.04	3485
C-453	64068.78	18628.75	158.85	3486
C-453	64068.53	18613.28	158.87	3487
C-453	64091.14	18613.51	157.95	3488

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-454	64182.26	18642.20	150.60	3489
C-454	64182.25	18626.73	150.67	3490
C-454	64240.34	18625.86	140.99	3491
C-454	64292.12	18623.21	128.10	3492
C-454	64330.09	18620.50	127.41	3493
C-454	64330.55	18635.86	127.54	3494
C-454	64291.63	18638.65	128.07	3495
C-454	64265.61	18640.81	136.11	3496
C-454	64236.94	18641.67	141.49	3497
C-455	64217.83	18657.15	144.60	3498
C-455	64217.31	18641.28	144.76	3499
C-455	64262.05	18639.80	137.30	3500
C-455	64264.84	18639.97	136.38	3501
C-455	64330.70	18634.44	127.77	3502
C-455	64330.98	18650.34	127.19	3503
C-455	64262.46	18655.60	137.09	3504
C-455	64217.85	18657.17	144.60	3505
C-456	64184.41	18642.32	150.25	3506
C-456	64184.01	18626.80	150.37	3507
C-456	64143.88	18627.51	155.70	3508
C-456	64072.77	18627.69	158.69	3509
C-456	64072.78	18643.56	158.68	3510
C-456	64145.16	18643.00	155.63	3511
C-457	64117.19	18657.54	156.78	3512
C-457	64091.52	18658.28	157.85	3513
C-457	64072.75	18658.14	158.67	3514
C-457	64072.72	18642.61	158.68	3515
C-457	64092.43	18642.70	157.85	3516
C-457	64116.83	18642.01	156.80	3517
C-458	64218.56	18641.06	144.55	3518
C-458	64190.02	18641.46	149.32	3519
C-458	64115.98	18642.49	156.84	3520
C-458	64116.45	18658.01	156.81	3521
C-458	64187.99	18657.45	149.57	3522
C-458	64218.52	18656.76	144.49	3523
C-459	64331.05	18650.08	127.43	3524
C-459	64330.53	18665.54	126.97	3525
C-459	64246.42	18671.05	139.77	3526
C-459	64187.11	18672.34	149.64	3527
C-459	64186.86	18656.84	149.76	3528
C-459	64246.11	18655.96	139.90	3529

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-460	64330.77	18679.97	127.19	3530
C-460	64247.45	18685.95	139.52	3531
C-460	64184.57	18687.17	149.99	3532
C-460	64184.39	18671.64	150.09	3533
C-460	64246.48	18670.04	139.77	3534
C-460	64330.41	18664.54	127.00	3535
C-461	64330.75	18679.21	127.14	3536
C-461	64331.36	18694.52	128.09	3537
C-461	64248.38	18700.67	139.28	3538
C-461	64186.22	18702.20	149.63	3539
C-461	64186.37	18686.21	149.69	3540
C-461	64247.50	18684.88	139.51	3541
C-461	64330.78	18679.24	127.17	3542
C-462	64329.50	18709.78	127.12	3543
C-462	64264.00	18714.76	136.14	3544
C-462	64184.36	18717.32	149.87	3545
C-462	64184.20	18701.48	149.97	3546
C-462	64248.42	18700.00	139.27	3547
C-462	64269.54	18698.56	134.46	3548
C-462	64329.19	18694.15	127.26	3549
C-463	64187.82	18656.34	149.60	3550
C-463	64187.95	18672.30	149.50	3551
C-463	64153.30	18671.92	155.25	3552
C-463	64072.95	18673.23	158.62	3553
C-463	64073.21	18657.90	158.65	3554
C-463	64153.38	18656.09	155.28	3555
C-464	64109.01	18687.62	157.08	3556
C-464	64109.09	18671.87	157.09	3557
C-464	64071.54	18672.38	158.68	3558
C-464	64071.67	18688.13	158.65	3559
C-465	64187.62	18671.53	149.56	3560
C-465	64187.05	18687.00	149.58	3561
C-465	64107.51	18687.02	157.14	3562
C-465	64107.06	18672.16	157.17	3563
C-466	64078.08	18703.00	158.38	3564
C-466	64077.96	18687.50	158.40	3565
C-466	64119.41	18686.33	156.66	3566
C-466	64119.72	18701.88	156.62	3567

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-467	64188.82	18685.80	149.29	3568
C-467	64188.72	18701.92	149.22	3569
C-467	64153.24	18702.33	155.13	3570
C-467	64117.05	18702.17	156.73	3571
C-467	64117.01	18686.80	156.75	3572
C-467	64152.47	18686.17	155.28	3573
C-468	64186.87	18701.51	149.53	3574
C-468	64187.47	18717.33	149.36	3575
C-468	64106.68	18717.73	157.14	3576
C-468	64107.00	18701.61	157.15	3577
C-469	64090.19	18717.05	157.85	3578
C-469	64090.00	18701.82	157.87	3579
C-469	64110.33	18701.87	157.01	3580
C-469	64110.19	18717.13	157.00	3581
C-470	64329.55	18709.10	127.11	3582
C-470	64330.33	18723.33	127.27	3583
C-470	64261.59	18729.75	136.83	3584
C-470	64187.95	18731.61	149.21	3585
C-470	64187.98	18716.15	149.28	3586
C-470	64263.34	18713.84	136.36	3587
C-471	64190.52	18716.55	148.85	3588
C-471	64190.16	18731.96	148.84	3589
C-471	64088.31	18731.55	157.92	3590
C-471	64088.62	18716.40	157.92	3591
C-472	64329.65	18738.32	127.01	3592
C-472	64261.26	18744.75	136.90	3593
C-472	64188.44	18746.24	149.04	3594
C-472	64187.70	18730.68	149.26	3595
C-472	64261.51	18729.28	136.86	3596
C-473	64329.66	18737.34	127.00	3597
C-473	64329.50	18753.38	127.08	3598
C-473	64306.26	18754.93	128.04	3599
C-473	64258.39	18759.20	137.31	3600
C-473	64184.58	18761.71	149.61	3601
C-473	64183.90	18745.66	149.80	3602
C-473	64258.43	18743.40	137.39	3603
C-473	64305.42	18739.58	127.78	3604

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-474	64190.12	18730.95	148.85	3605
C-474	64189.70	18746.19	148.83	3606
C-474	64150.35	18746.34	155.30	3607
C-474	64087.95	18746.24	157.90	3608
C-474	64087.71	18730.65	157.94	3609
C-474	64151.38	18730.53	155.23	3610
C-475	64186.24	18745.76	149.41	3611
C-475	64186.04	18761.57	149.37	3612
C-475	64136.53	18760.84	155.85	3613
C-475	64136.74	18745.79	155.86	3614
C-476	64119.55	18745.81	156.57	3615
C-476	64119.58	18760.83	156.55	3616
C-476	64089.42	18760.30	157.83	3617
C-476	64089.69	18745.05	157.83	3618
C-477	64139.06	18745.11	155.77	3619
C-477	64139.72	18761.02	155.72	3620
C-477	64117.37	18761.34	156.64	3621
C-477	64117.36	18745.69	156.66	3622
C-478	64329.89	18751.90	127.00	3623
C-478	64329.78	18767.32	126.89	3624
C-478	64256.57	18773.69	137.55	3625
C-478	64205.18	18775.74	146.13	3626
C-478	64204.62	18760.05	146.29	3627
C-478	64256.12	18757.92	137.70	3628
C-479	64329.78	18766.37	126.90	3629
C-479	64329.65	18781.57	126.84	3630
C-479	64251.31	18788.37	138.36	3631
C-479	64185.42	18790.05	149.34	3632
C-479	64185.05	18774.90	149.47	3633
C-479	64251.55	18773.04	138.40	3634
C-480	64329.37	18796.78	127.01	3635
C-480	64261.47	18802.65	136.47	3636
C-480	64230.96	18804.08	141.68	3637
C-480	64183.68	18805.00	149.54	3638
C-480	64183.63	18789.66	149.64	3639
C-480	64230.07	18788.51	141.90	3640
C-480	64260.94	18787.18	136.71	3641
C-480	64329.63	18781.07	126.84	3642

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-481	64329.52	18796.07	126.97	3643
C-481	64329.15	18811.61	126.88	3644
C-481	64269.22	18816.91	133.96	3645
C-481	64237.64	18818.56	140.50	3646
C-481	64183.90	18820.02	149.42	3647
C-481	64183.23	18804.61	149.62	3648
C-481	64236.93	18803.04	140.69	3649
C-481	64268.96	18801.44	134.10	3650
C-482	64329.28	18810.72	126.87	3651
C-482	64328.86	18826.23	126.63	3652
C-482	64260.98	18832.04	136.52	3653
C-482	64231.22	18833.44	141.49	3654
C-482	64183.46	18834.74	149.43	3655
C-482	64183.09	18819.26	149.56	3656
C-482	64230.10	18818.30	141.75	3657
C-482	64260.56	18816.55	136.69	3658
C-483	64329.20	18825.89	126.62	3659
C-483	64329.08	18841.14	127.09	3660
C-483	64290.91	18844.82	127.34	3661
C-483	64247.01	18847.31	138.78	3662
C-483	64245.54	18832.14	139.10	3663
C-483	64295.55	18828.65	125.94	3664
C-484	64247.68	18832.08	138.74	3665
C-484	64248.77	18847.64	138.49	3666
C-484	64208.11	18849.21	145.25	3667
C-484	64177.64	18850.06	150.32	3668
C-484	64147.58	18849.83	155.27	3669
C-484	64129.37	18849.01	156.03	3670
C-484	64097.57	18849.14	157.37	3671
C-484	64097.49	18833.65	157.40	3672
C-484	64129.16	18833.30	156.06	3673
C-484	64147.82	18834.10	155.29	3674
C-484	64177.46	18834.46	150.42	3675
C-484	64207.12	18833.54	145.51	3676
C-485	64205.84	18759.38	146.08	3677
C-485	64206.65	18774.69	145.89	3678
C-485	64182.02	18775.81	149.97	3679
C-485	64147.05	18775.23	155.39	3680
C-485	64115.91	18775.96	156.68	3681
C-485	64115.11	18760.31	156.73	3682
C-485	64149.10	18759.46	155.34	3683
C-485	64180.60	18760.15	150.28	3684

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-486	64118.10	18759.72	156.61	3685
C-486	64118.46	18775.42	156.58	3686
C-486	64090.78	18775.41	157.74	3687
C-486	64090.40	18760.18	157.78	3688
C-487	64187.00	18774.69	149.15	3689
C-487	64187.35	18790.34	149.02	3690
C-487	64150.38	18790.43	155.11	3691
C-487	64115.84	18790.30	156.68	3692
C-487	64087.82	18789.76	157.85	3693
C-487	64087.92	18774.26	157.87	3694
C-487	64116.32	18774.98	156.67	3695
C-487	64150.44	18774.85	155.20	3696
C-488	64088.33	18788.80	157.83	3697
C-488	64087.77	18804.62	157.84	3698
C-488	64111.44	18805.42	156.85	3699
C-488	64112.16	18790.97	156.83	3700
C-489	64109.30	18789.30	156.96	3701
C-489	64109.59	18804.93	156.93	3702
C-489	64149.06	18804.73	155.22	3703
C-489	64186.21	18805.27	149.12	3704
C-489	64186.44	18789.54	149.17	3705
C-489	64149.99	18789.24	155.17	3706
C-490	64093.80	18803.94	157.59	3707
C-490	64093.36	18819.17	157.60	3708
C-490	64136.58	18820.34	155.78	3709
C-490	64137.13	18804.74	155.77	3710
C-491	64135.49	18804.40	155.84	3711
C-491	64134.75	18819.71	155.85	3712
C-491	64184.69	18819.87	149.29	3713
C-491	64184.84	18804.37	149.35	3714
C-492	64086.16	18834.12	157.89	3715
C-492	64085.91	18819.05	157.92	3716
C-492	64144.98	18818.84	155.43	3717
C-492	64185.82	18819.28	149.11	3718
C-492	64185.90	18834.84	149.02	3719
C-492	64144.84	18834.55	155.41	3720
C-493	64088.33	18847.62	157.78	3721
C-493	64089.50	18832.13	157.75	3722
C-493	64100.14	18832.00	157.29	3723
C-493	64098.91	18847.54	157.32	3724

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-494	64328.82	18840.31	126.87	3725
C-494	64328.75	18856.59	126.91	3726
C-494	64254.58	18861.54	137.44	3727
C-494	64194.65	18864.42	147.42	3728
C-494	64194.29	18848.47	147.56	3729
C-494	64253.67	18845.97	137.68	3730
C-495	64328.75	18855.48	127.05	3731
C-495	64330.86	18870.95	126.65	3732
C-495	64255.77	18876.43	137.17	3733
C-495	64184.83	18879.38	148.99	3734
C-495	64184.53	18863.34	149.11	3735
C-495	64254.33	18860.64	137.49	3736
C-496	64330.27	18869.96	126.47	3737
C-496	64331.59	18885.51	126.12	3738
C-496	64256.95	18890.64	136.89	3739
C-496	64185.31	18894.51	148.82	3740
C-496	64184.46	18878.53	149.06	3741
C-497	64331.37	18884.14	126.17	3742
C-497	64331.97	18899.37	125.96	3743
C-497	64258.70	18905.08	136.53	3744
C-497	64185.64	18909.69	148.69	3745
C-497	64185.26	18893.72	148.84	3746
C-497	64256.98	18889.61	136.90	3747
C-498	64331.91	18898.88	125.98	3748
C-498	64331.37	18914.90	126.16	3749
C-498	64260.94	18920.08	136.03	3750
C-498	64186.51	18924.15	148.47	3751
C-498	64185.64	18908.32	148.69	3752
C-498	64260.19	18904.03	136.29	3753
C-499	64331.09	18913.76	126.21	3754
C-499	64330.55	18929.25	126.40	3755
C-499	64260.55	18935.32	136.06	3756
C-499	64185.25	18939.49	148.61	3757
C-499	64184.54	18923.58	148.80	3758
C-499	64260.93	18919.03	136.04	3759
C-500	64196.77	18848.39	147.14	3760
C-500	64197.07	18864.28	147.02	3761
C-500	64138.37	18863.87	155.64	3762
C-500	64084.88	18863.40	157.91	3763
C-500	64085.88	18847.31	157.89	3764
C-500	64138.38	18848.10	155.66	3765

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-501	64127.08	18878.01	156.10	3766
C-501	64089.96	18878.37	157.66	3767
C-501	64090.27	18862.32	157.68	3768
C-501	64126.96	18862.44	156.12	3769
C-502	64187.23	18863.28	148.66	3770
C-502	64187.26	18879.24	148.58	3771
C-502	64137.64	18878.78	155.66	3772
C-502	64125.80	18878.54	156.15	3773
C-502	64125.29	18862.36	156.19	3774
C-502	64138.40	18862.87	155.64	3775
C-503	64187.13	18878.06	148.61	3776
C-503	64187.20	18894.00	148.51	3777
C-503	64137.15	18893.90	155.65	3778
C-503	64099.63	18892.67	157.24	3779
C-503	64100.04	18877.24	157.23	3780
C-503	64137.69	18877.86	155.66	3781
C-504	64086.43	18876.79	157.82	3782
C-504	64100.74	18877.31	157.20	3783
C-504	64100.70	18892.98	157.19	3784
C-504	64085.73	18892.30	157.84	3785
C-505	64085.27	18891.50	157.86	3786
C-505	64084.41	18907.24	157.88	3787
C-505	64136.40	18908.70	155.67	3788
C-505	64188.38	18908.64	148.24	3789
C-505	64187.00	18892.98	148.55	3790
C-505	64137.31	18892.76	155.65	3791
C-506	64088.38	18906.20	157.71	3792
C-506	64087.61	18921.71	157.71	3793
C-506	64121.87	18922.92	156.26	3794
C-506	64122.12	18907.29	156.27	3795
C-507	64119.49	18907.09	156.39	3796
C-507	64119.60	18923.41	156.36	3797
C-507	64188.81	18923.30	148.09	3798
C-507	64188.85	18907.51	148.16	3799
C-508	64186.90	18922.17	148.42	3800
C-508	64187.28	18938.30	148.28	3801
C-508	64144.04	18938.13	155.32	3802
C-508	64110.22	18937.50	156.74	3803
C-508	64110.68	18921.70	156.74	3804

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-509	64112.65	18921.41	156.66	3805
C-509	64112.07	18937.42	156.66	3806
C-509	64084.10	18935.29	157.84	3807
C-509	64084.97	18919.41	157.83	3808
C-510	64329.26	18928.41	126.63	3809
C-510	64329.77	18944.26	126.23	3810
C-510	64255.66	18950.08	136.83	3811
C-510	64214.52	18952.05	143.68	3812
C-510	64213.44	18936.37	143.93	3813
C-510	64254.76	18934.35	137.05	3814
C-511	64329.42	18943.12	126.31	3815
C-511	64329.04	18959.30	126.20	3816
C-511	64256.17	18964.87	136.67	3817
C-511	64183.84	18968.01	148.72	3818
C-511	64182.95	18952.32	148.94	3819
C-511	64255.49	18949.03	136.86	3820
C-512	64329.13	18958.17	126.18	3821
C-512	64329.20	18974.04	126.17	3822
C-512	64254.72	18980.12	136.83	3823
C-512	64252.50	18980.17	137.19	3824
C-512	64183.28	18982.60	148.74	3825
C-512	64182.88	18966.75	148.89	3826
C-512	64256.18	18963.82	136.68	3827
C-513	64328.96	18972.88	126.23	3828
C-513	64329.52	18989.11	126.13	3829
C-513	64252.34	18995.08	137.16	3830
C-513	64185.41	18997.32	148.30	3831
C-513	64184.75	18981.45	148.50	3832
C-513	64254.49	18978.99	136.87	3833
C-514	64329.76	18988.14	126.11	3834
C-514	64330.80	19003.66	126.31	3835
C-514	64258.07	19009.24	136.14	3836
C-514	64184.03	19011.77	148.45	3837
C-514	64183.66	18996.19	148.60	3838
C-514	64257.26	18993.47	136.35	3839
C-515	64330.72	19002.62	126.37	3840
C-515	64332.43	19017.93	126.04	3841
C-515	64260.17	19024.37	135.70	3842
C-515	64188.08	19027.00	147.70	3843
C-515	64187.60	19010.67	147.86	3844
C-515	64258.02	19008.13	136.15	3845

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-516	64092.37	18950.62	157.48	3846
C-516	64092.94	18934.59	157.47	3847
C-516	64144.29	18937.11	155.31	3848
C-516	64215.49	18936.05	143.58	3849
C-516	64216.51	18951.78	143.34	3850
C-516	64142.81	18952.61	155.35	3851
C-517	64078.24	18948.86	158.07	3852
C-517	64077.24	18964.92	158.07	3853
C-517	64104.77	18965.97	156.93	3854
C-517	64105.15	18950.19	156.94	3855
C-518	64100.15	18966.62	157.12	3856
C-518	64101.34	18949.80	157.10	3857
C-518	64143.45	18951.83	155.32	3858
C-518	64185.32	18952.16	148.55	3859
C-518	64185.23	18968.03	148.49	3860
C-518	64144.25	18967.83	155.26	3861
C-519	64120.83	18966.37	156.25	3862
C-519	64120.47	18982.25	156.24	3863
C-519	64144.03	18982.67	155.24	3864
C-519	64185.41	18982.36	148.39	3865
C-519	64186.09	18966.67	148.35	3866
C-519	64144.07	18966.72	155.27	3867
C-520	64085.45	18963.45	157.73	3868
C-520	64085.05	18980.09	157.71	3869
C-520	64122.25	18982.51	156.16	3870
C-520	64123.22	18966.52	156.15	3871
C-521	64099.28	18979.81	157.14	3872
C-521	64098.76	18996.17	157.15	3873
C-521	64143.93	18997.52	155.19	3874
C-521	64185.66	18997.30	148.26	3875
C-521	64185.57	18981.47	148.36	3876
C-521	64143.97	18981.54	155.24	3877
C-522	64093.41	18994.17	157.37	3878
C-522	64092.28	19010.19	157.40	3879
C-522	64121.17	19012.43	156.18	3880
C-522	64122.22	18996.23	156.16	3881

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-523	64119.28	18996.25	156.28	3882
C-523	64119.28	19011.97	156.26	3883
C-523	64143.64	19012.22	155.14	3884
C-523	64186.19	19011.82	148.09	3885
C-523	64185.60	18995.99	148.28	3886
C-523	64143.87	18996.35	155.19	3887
C-524	64189.77	19010.78	147.50	3888
C-524	64190.14	19026.87	147.35	3889
C-524	64143.41	19026.90	155.07	3890
C-524	64118.16	19025.75	156.28	3891
C-524	64118.45	19010.10	156.30	3892
C-524	64143.75	19010.99	155.14	3893
C-525	64093.23	19009.17	157.36	3894
C-525	64093.52	19025.58	157.33	3895
C-525	64119.15	19026.62	156.24	3896
C-525	64119.43	19011.14	156.25	3897
C-526	64333.80	19017.21	126.41	3898
C-526	64334.22	19032.86	126.08	3899
C-526	64257.10	19039.08	136.14	3900
C-526	64207.18	19041.49	144.46	3901
C-526	64206.74	19025.26	144.59	3902
C-526	64256.69	19023.02	136.30	3903
C-527	64335.18	19031.70	125.93	3904
C-527	64336.13	19047.92	126.09	3905
C-527	64257.74	19054.12	135.95	3906
C-527	64191.29	19058.07	147.02	3907
C-527	64190.32	19041.78	147.27	3908
C-527	64256.89	19037.76	136.18	3909
C-528	64336.36	19046.74	125.97	3910
C-528	64338.02	19061.71	126.05	3911
C-528	64258.67	19068.40	135.73	3912
C-528	64192.16	19072.85	146.79	3913
C-528	64191.44	19056.60	147.00	3914
C-528	64257.54	19052.57	135.99	3915
C-529	64338.40	19060.69	125.89	3916
C-529	64339.98	19076.29	126.01	3917
C-529	64259.44	19082.88	135.52	3918
C-529	64194.06	19087.05	146.41	3919
C-529	64193.04	19071.11	146.65	3920
C-529	64258.62	19067.12	135.74	3921

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-530	64340.83	19075.37	126.48	3922
C-530	64342.86	19090.71	125.91	3923
C-530	64231.26	19099.17	140.15	3924
C-530	64229.97	19083.71	140.43	3925
C-531	64344.38	19089.61	127.14	3926
C-531	64345.61	19105.22	125.90	3927
C-531	64248.51	19113.29	137.19	3928
C-531	64198.77	19116.27	145.48	3929
C-531	64198.12	19100.32	145.67	3930
C-531	64247.51	19097.55	137.44	3931
C-532	64209.30	19025.28	144.17	3932
C-532	64209.47	19041.29	144.08	3933
C-532	64142.13	19041.94	155.19	3934
C-532	64091.23	19040.71	157.40	3935
C-532	64093.20	19023.51	157.34	3936
C-532	64142.89	19025.65	155.10	3937
C-533	64086.25	19054.28	157.59	3938
C-533	64087.29	19037.89	157.57	3939
C-533	64120.50	19040.59	156.17	3940
C-533	64119.14	19056.80	156.21	3941
C-534	64194.40	19040.28	146.59	3942
C-534	64194.44	19057.62	146.50	3943
C-534	64141.16	19057.34	155.28	3944
C-534	64117.69	19056.89	156.28	3945
C-534	64118.15	19040.55	156.27	3946
C-534	64142.11	19040.69	155.19	3947
C-535	64193.22	19056.35	146.71	3948
C-535	64193.07	19072.47	146.64	3949
C-535	64141.38	19071.60	155.25	3950
C-535	64118.87	19071.78	156.20	3951
C-535	64119.44	19055.77	156.20	3952
C-535	64141.16	19055.86	155.28	3953
C-536	64049.04	19067.15	158.62	3954
C-536	64050.68	19050.56	158.69	3955
C-536	64121.05	19055.82	156.14	3956
C-536	64119.93	19071.62	156.15	3957
C-537	64197.28	19071.26	145.95	3958
C-537	64196.29	19088.02	146.03	3959
C-537	64115.24	19085.90	156.33	3960
C-537	64115.89	19070.55	156.33	3961

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-538	64047.42	19081.54	158.53	3962
C-538	64049.43	19065.43	158.64	3963
C-538	64074.83	19066.83	158.08	3964
C-538	64118.10	19070.51	156.23	3965
C-538	64116.90	19086.71	156.26	3966
C-538	64073.40	19083.13	158.14	3967
C-539	64233.47	19083.61	139.85	3968
C-539	64233.45	19100.08	139.78	3969
C-539	64198.21	19101.38	145.65	3970
C-539	64161.05	19101.42	151.84	3971
C-539	64162.13	19086.05	151.75	3972
C-539	64199.67	19085.53	145.48	3973
C-540	64046.04	19095.72	158.50	3974
C-540	64047.69	19080.14	158.54	3975
C-540	64073.29	19081.88	158.15	3976
C-540	64104.21	19084.76	156.81	3977
C-540	64140.15	19084.91	155.29	3978
C-540	64163.37	19085.30	151.55	3979
C-540	64162.67	19101.72	151.56	3980
C-540	64139.97	19100.64	155.27	3981
C-540	64104.12	19100.08	156.80	3982
C-540	64071.66	19098.04	158.20	3983
C-541	64078.38	19113.74	157.87	3984
C-541	64079.80	19097.54	157.86	3985
C-541	64046.64	19094.87	158.52	3986
C-541	64044.47	19110.76	158.33	3987
C-542	64200.37	19100.40	145.29	3988
C-542	64200.38	19116.06	145.22	3989
C-542	64138.94	19115.73	155.29	3990
C-542	64076.42	19113.29	157.95	3991
C-542	64078.15	19097.65	157.93	3992
C-542	64139.92	19099.46	155.27	3993
C-543	64345.72	19104.18	125.96	3994
C-543	64347.61	19119.40	125.92	3995
C-543	64258.41	19127.31	135.47	3996
C-543	64200.53	19130.15	145.12	3997
C-543	64199.79	19114.61	145.32	3998
C-543	64257.68	19111.33	135.66	3999

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-544	64347.66	19117.98	126.14	4000
C-544	64348.93	19133.59	125.87	4001
C-544	64259.34	19142.35	135.23	4002
C-544	64203.10	19144.91	144.62	4003
C-544	64202.77	19128.92	144.76	4004
C-544	64258.31	19126.34	135.49	4005
C-545	64348.97	19132.39	125.87	4006
C-545	64350.45	19148.02	125.71	4007
C-545	64259.63	19157.10	135.11	4008
C-545	64202.56	19159.86	144.63	4009
C-545	64201.90	19143.95	144.82	4010
C-545	64259.04	19141.16	135.29	4011
C-546	64351.47	19147.02	125.70	4012
C-546	64353.52	19162.93	126.45	4013
C-546	64260.37	19171.67	134.92	4014
C-546	64206.26	19174.33	143.93	4015
C-546	64205.88	19158.60	144.08	4016
C-546	64259.20	19155.94	135.18	4017
C-547	64353.49	19162.41	126.45	4018
C-547	64354.94	19177.78	127.32	4019
C-547	64260.59	19186.17	134.82	4020
C-547	64213.83	19188.99	142.60	4021
C-547	64212.79	19173.12	142.85	4022
C-547	64260.83	19170.31	134.85	4023
C-548	64354.75	19176.75	127.19	4024
C-548	64356.34	19192.54	126.53	4025
C-548	64260.74	19201.06	134.73	4026
C-548	64208.50	19204.03	143.45	4027
C-548	64207.61	19187.72	143.65	4028
C-548	64260.61	19185.07	134.82	4029
C-549	64204.43	19113.41	144.55	4030
C-549	64204.46	19130.26	144.47	4031
C-549	64147.57	19130.56	153.93	4032
C-549	64089.79	19128.81	157.34	4033
C-549	64052.83	19126.74	158.06	4034
C-549	64053.56	19110.44	158.71	4035
C-549	64089.36	19113.02	157.39	4036
C-549	64149.29	19114.79	153.70	4037

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-550	64205.01	19129.15	144.38	4038
C-550	64205.02	19145.05	144.30	4039
C-550	64147.97	19145.01	153.79	4040
C-550	64089.22	19143.50	157.32	4041
C-550	64056.15	19141.36	157.43	4042
C-550	64056.94	19125.74	158.15	4043
C-550	64089.72	19127.44	157.35	4044
C-550	64147.70	19129.36	153.91	4045
C-551	64204.27	19143.79	144.43	4046
C-551	64204.75	19159.46	144.26	4047
C-551	64148.00	19159.90	153.69	4048
C-551	64088.51	19158.07	157.16	4049
C-551	64054.33	19156.18	156.75	4050
C-551	64055.31	19140.15	157.47	4051
C-551	64089.40	19142.36	157.32	4052
C-551	64147.95	19143.96	153.81	4053
C-552	64207.41	19158.43	143.83	4054
C-552	64207.83	19174.22	143.67	4055
C-552	64147.28	19174.44	153.72	4056
C-552	64087.93	19172.81	156.52	4057
C-552	64057.84	19171.21	156.24	4058
C-552	64058.86	19154.75	156.87	4059
C-552	64088.75	19156.75	157.22	4060
C-552	64147.73	19158.82	153.74	4061
C-553	64097.93	19172.23	156.67	4062
C-553	64097.54	19188.39	155.97	4063
C-553	64146.40	19189.16	153.85	4064
C-553	64215.57	19188.84	142.31	4065
C-553	64214.85	19172.88	142.51	4066
C-553	64147.34	19173.32	153.72	4067
C-554	64210.28	19187.75	143.20	4068
C-554	64210.58	19203.52	143.10	4069
C-554	64177.73	19203.80	148.56	4070
C-554	64177.37	19188.14	148.69	4071
C-555	64179.85	19188.17	148.27	4072
C-555	64179.62	19203.97	148.24	4073
C-555	64141.36	19203.07	154.64	4074
C-555	64114.10	19203.02	155.54	4075
C-555	64114.70	19187.14	156.10	4076
C-555	64146.31	19187.61	153.86	4077

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-556	64357.28	19191.72	127.47	4078
C-556	64357.99	19207.40	125.97	4079
C-556	64256.73	19215.65	135.37	4080
C-556	64214.53	19218.63	142.42	4081
C-556	64213.45	19202.16	142.63	4082
C-556	64257.35	19199.66	135.30	4083
C-557	64358.85	19206.35	126.74	4084
C-557	64361.42	19221.99	125.73	4085
C-557	64255.83	19230.67	135.51	4086
C-557	64215.99	19233.57	142.13	4087
C-557	64214.24	19217.24	142.47	4088
C-557	64256.80	19214.56	135.36	4089
C-558	64361.86	19220.58	126.32	4090
C-558	64363.68	19234.73	125.68	4091
C-558	64256.41	19245.25	135.41	4092
C-558	64216.52	19247.75	142.01	4093
C-558	64215.38	19231.66	142.23	4094
C-558	64255.71	19229.55	135.53	4095
C-559	64215.62	19202.16	142.26	4096
C-559	64215.80	19218.25	142.21	4097
C-559	64152.51	19218.63	152.65	4098
C-559	64152.27	19202.58	152.81	4099
C-560	64218.09	19217.10	141.83	4100
C-560	64218.89	19233.40	141.65	4101
C-560	64199.10	19233.24	144.89	4102
C-560	64199.19	19217.43	144.95	4103
C-561	64364.11	19234.65	125.61	4104
C-561	64366.88	19250.40	125.58	4105
C-561	64263.48	19259.42	133.79	4106
C-561	64221.26	19262.33	141.24	4107
C-561	64220.24	19246.33	141.40	4108
C-561	64263.38	19243.41	133.87	4109
C-562	64367.14	19249.13	125.69	4110
C-562	64369.44	19264.56	125.44	4111
C-562	64282.83	19272.80	128.70	4112
C-562	64263.25	19274.24	133.91	4113
C-562	64223.95	19276.62	140.76	4114
C-562	64223.32	19260.98	140.89	4115
C-562	64263.29	19258.04	133.85	4116
C-562	64282.44	19256.82	128.73	4117

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-563	64369.43	19263.36	125.42	4118
C-563	64371.85	19279.13	125.35	4119
C-563	64278.94	19288.16	129.16	4120
C-563	64261.03	19289.55	134.65	4121
C-563	64227.10	19291.96	139.92	4122
C-563	64226.00	19275.20	140.48	4123
C-563	64263.21	19272.99	133.92	4124
C-563	64282.80	19271.67	128.71	4125
C-564	64374.51	19277.88	125.40	4897
C-564	64375.93	19293.24	125.39	4126
C-564	64283.90	19302.37	128.78	4127
C-564	64260.03	19304.34	134.78	4128
C-564	64230.50	19306.21	138.95	4129
C-564	64229.67	19290.53	139.56	4130
C-564	64260.11	19288.17	134.81	4131
C-564	64278.96	19287.03	129.15	4132
C-565	64376.13	19292.11	125.73	4133
C-565	64376.48	19307.79	125.23	4134
C-565	64279.54	19317.09	128.44	4135
C-565	64232.92	19320.86	137.71	4136
C-565	64231.45	19304.89	138.95	4137
C-565	64283.18	19301.39	128.84	4138
C-566	64153.86	19202.70	152.54	4139
C-566	64154.15	19218.81	152.39	4140
C-566	64118.11	19217.79	154.25	4141
C-566	64118.13	19202.18	155.62	4142
C-567	64201.61	19217.35	144.55	4143
C-567	64201.62	19233.97	144.49	4144
C-567	64172.28	19233.49	149.35	4145
C-567	64136.37	19232.77	152.57	4146
C-567	64136.25	19216.50	154.88	4147
C-567	64172.23	19217.84	149.48	4148
C-568	64218.19	19232.04	141.77	4149
C-568	64219.30	19247.55	141.55	4150
C-568	64169.89	19248.51	149.22	4151
C-568	64169.70	19232.26	149.78	4152
C-569	64172.12	19232.67	149.39	4153
C-569	64171.47	19248.71	149.07	4154
C-569	64146.18	19247.53	150.72	4155
C-569	64136.71	19231.75	152.66	4156

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-570	64222.95	19246.24	140.95	4157
C-570	64223.20	19262.17	140.92	4158
C-570	64184.21	19262.87	146.80	4159
C-570	64155.99	19262.40	148.73	4160
C-570	64145.21	19246.61	150.84	4161
C-570	64183.67	19247.17	147.29	4162
C-571	64224.83	19260.72	140.64	4163
C-571	64225.53	19276.64	140.53	4164
C-571	64181.86	19277.63	145.83	4165
C-571	64181.43	19261.91	147.13	4166
C-572	64183.22	19261.73	146.98	4167
C-572	64182.93	19277.55	145.74	4168
C-572	64166.13	19277.65	146.42	4169
C-572	64155.07	19261.19	148.91	4170
C-573	64228.65	19291.11	139.71	4171
C-573	64228.72	19275.07	140.03	4172
C-573	64167.70	19277.48	146.41	4173
C-573	64179.56	19292.22	144.40	4174
C-574	64178.90	19291.02	144.58	4175
C-574	64188.73	19306.34	142.34	4176
C-574	64230.64	19305.96	138.96	4177
C-574	64231.48	19290.17	139.27	4178
C-575	64216.73	19304.56	140.48	4179
C-575	64216.91	19320.44	139.24	4180
C-575	64198.35	19320.74	140.38	4181
C-575	64188.08	19304.90	142.52	4182
C-576	64233.28	19304.88	138.69	4183
C-576	64234.47	19320.33	137.59	4184
C-576	64216.25	19320.46	139.28	4185
C-576	64214.99	19304.60	140.65	4186
C-577	63801.89	19035.70	125.50	4187
C-577	63801.93	19051.49	125.45	4188
C-577	63866.84	19057.37	138.02	4189
C-577	63923.07	19062.00	147.38	4190
C-577	63924.44	19045.92	147.64	4191

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-578	63801.89	19050.43	125.45	4192
C-578	63801.76	19064.88	125.40	4193
C-578	63865.86	19071.96	137.85	4194
C-578	63944.18	19078.08	150.90	4195
C-578	63945.81	19061.84	151.20	4196
C-578	63867.01	19056.15	138.05	4197
C-579	63801.89	19063.91	125.41	4198
C-579	63801.59	19079.76	125.35	4199
C-579	63865.70	19086.81	137.78	4200
C-579	63942.57	19092.51	150.59	4201
C-579	63943.59	19077.15	150.80	4202
C-579	63866.06	19070.93	137.88	4203
C-580	63801.77	19078.64	125.36	4204
C-580	63801.44	19094.24	125.29	4205
C-580	63865.34	19101.66	137.66	4206
C-580	63942.75	19107.09	150.58	4207
C-580	63943.78	19091.34	150.80	4208
C-580	63865.78	19085.90	137.80	4209
C-581	64052.85	19066.28	158.79	4210
C-581	63973.32	19062.78	155.40	4211
C-581	63921.89	19061.85	147.18	4212
C-581	63922.59	19046.09	147.32	4213
C-581	63973.58	19046.70	155.40	4214
C-581	64053.82	19049.89	158.82	4215
C-582	64053.09	19065.60	158.80	4216
C-582	64049.86	19081.22	158.63	4217
C-582	64028.88	19079.79	157.77	4218
C-582	64030.59	19063.61	157.83	4219
C-583	64030.70	19079.62	157.84	4220
C-583	63941.83	19076.98	150.51	4221
C-583	64031.71	19063.66	157.88	4222
C-583	63941.68	19061.54	150.51	4223
C-584	63941.67	19076.07	150.48	4224
C-584	63940.83	19091.72	150.30	4225
C-584	64001.97	19093.50	156.61	4226
C-584	64002.86	19077.41	156.64	4227

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-585	64050.66	19080.10	158.66	4228
C-585	64000.36	19077.31	156.53	4229
C-585	63999.06	19093.01	156.49	4230
C-585	64048.16	19095.03	158.59	4231
C-586	64046.95	19110.61	158.44	4232
C-586	63987.27	19107.59	155.96	4233
C-586	63948.13	19105.67	151.49	4234
C-586	63949.23	19090.30	151.72	4235
C-586	63988.19	19091.93	156.02	4236
C-586	64048.99	19094.56	158.62	4237
C-587	63950.02	19105.68	151.80	4238
C-587	63940.85	19106.41	150.26	4239
C-587	63940.40	19090.33	150.23	4240
C-587	63951.47	19090.47	152.09	4241
C-588	63801.70	19108.74	125.19	4242
C-588	63801.95	19093.37	125.33	4243
C-588	63868.72	19100.89	138.24	4244
C-588	63912.62	19103.85	145.59	4245
C-588	63911.30	19119.56	145.31	4246
C-588	63868.61	19116.52	138.23	4247
C-589	63944.48	19120.57	150.84	4248
C-589	63943.64	19136.27	150.66	4249
C-589	63865.77	19131.17	137.68	4250
C-589	63802.09	19123.06	125.17	4251
C-589	63802.13	19108.21	125.27	4252
C-589	63868.58	19115.41	138.23	4253
C-590	63940.00	19119.69	150.09	4254
C-590	63976.51	19121.70	155.46	4255
C-590	64054.31	19124.71	158.16	4256
C-590	64055.51	19109.04	158.81	4257
C-590	63977.67	19106.05	155.57	4258
C-590	63940.20	19103.91	150.16	4259
C-591	64018.42	19138.07	156.68	4260
C-591	64058.65	19138.61	157.58	4261
C-591	64058.33	19122.56	158.30	4262
C-591	64020.99	19122.40	157.20	4263
C-591	63969.79	19120.35	155.07	4264
C-591	63940.77	19118.57	150.22	4265
C-591	63939.81	19134.91	150.02	4266
C-591	63971.03	19136.20	155.30	4267

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-592	64375.63	19306.55	125.32	4268
C-592	64376.60	19321.63	125.78	4269
C-592	64314.55	19328.87	126.61	4270
C-592	64229.68	19335.64	136.90	4271
C-592	64228.97	19319.77	138.19	4272
C-592	64312.56	19312.87	126.60	4273
C-593	64377.61	19326.42	125.73	4274
C-593	64378.61	19327.57	125.54	4275
C-593	64380.07	19328.00	125.61	4276
C-593	64381.23	19335.61	126.01	4277
C-593	64316.72	19343.30	126.54	4278
C-593	64312.11	19343.64	126.68	4279
C-593	64232.67	19349.72	135.38	4280
C-593	64232.05	19334.09	136.86	4281
C-593	64314.69	19327.58	126.60	4282
C-593	64375.96	19320.58	125.85	4283
C-594	64381.07	19334.44	125.96	4284
C-594	64382.63	19350.35	126.02	4285
C-594	64317.38	19357.83	126.49	4286
C-594	64289.85	19360.61	127.34	4287
C-594	64234.96	19363.85	132.47	4288
C-594	64234.16	19348.47	135.39	4289
C-594	64311.50	19342.57	126.70	4290
C-595	64232.61	19319.25	137.85	4291
C-595	64233.19	19335.35	136.66	4292
C-595	64201.61	19335.90	138.46	4293
C-595	64201.05	19319.97	140.32	4294
C-596	64383.18	19349.19	126.59	4295
C-596	64383.30	19364.51	125.64	4296
C-596	64292.21	19375.35	127.27	4297
C-596	64237.47	19378.09	128.85	4298
C-596	64237.06	19362.86	132.37	4299
C-596	64289.68	19359.89	127.35	4300
C-596	64317.31	19356.76	126.50	4301

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-597	64237.76	19393.20	128.60	4907
C-597	64384.09	19379.33	125.65	4898
C-597	64383.18	19349.19	126.59	4302
C-597	64382.88	19363.51	126.05	4303
C-597	64292.21	19375.35	127.27	4304
C-597	64236.88	19377.37	126.05	4305
C-597	64289.68	19359.89	127.35	4307
C-597	64317.31	19356.76	126.50	4308
C-598	64301.70	19403.66	126.98	4309
C-598	64241.90	19407.69	128.21	4310
C-598	64240.61	19391.62	128.65	4311
C-598	64292.52	19388.45	127.26	4312
C-598	64387.08	19378.45	125.71	4313
C-598	64389.45	19393.26	125.20	4314
C-599	64392.69	19407.56	125.26	4315
C-599	64299.12	19418.53	127.06	4316
C-599	64244.51	19422.89	127.77	4317
C-599	64243.33	19406.85	128.23	4318
C-599	64299.24	19403.08	127.06	4319
C-599	64389.92	19392.37	125.82	4320
C-600	64209.10	19349.42	136.55	4321
C-600	64234.20	19349.77	135.27	4322
C-600	64234.05	19333.42	136.75	4323
C-600	64202.35	19332.87	138.82	4324
C-601	64236.01	19347.99	135.32	4325
C-601	64236.25	19363.40	132.37	4326
C-601	64217.18	19364.13	134.56	4327
C-601	64209.34	19348.04	136.71	4328
C-602	64239.77	19362.32	131.93	4329
C-602	64239.36	19377.74	128.81	4330
C-602	64226.44	19378.25	129.44	4331
C-602	64216.50	19362.88	134.73	4332
C-603	64239.25	19376.62	128.91	4333
C-603	64240.60	19391.84	128.65	4334
C-603	64236.41	19392.19	128.64	4335
C-603	64225.02	19376.93	130.00	4336
C-604	64392.71	19406.78	125.46	4337
C-604	64395.42	19422.41	124.77	4338
C-604	64254.16	19436.42	127.42	4339
C-604	64253.12	19421.20	127.84	4340

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-605	64398.62	19437.10	125.29	4341
C-605	64330.46	19444.63	126.15	4342
C-605	64328.34	19428.90	126.18	4343
C-605	64395.36	19421.13	124.75	4344
C-606	64269.77	19449.67	126.94	4345
C-606	64333.19	19443.80	126.06	4346
C-606	64332.07	19428.41	126.07	4347
C-606	64268.10	19434.09	127.48	4348
C-607	64314.42	19444.76	126.54	4349
C-607	64315.71	19460.18	126.32	4350
C-607	64399.44	19452.43	124.81	4351
C-607	64398.27	19435.37	125.11	4352
C-608	64402.08	19466.84	124.77	4353
C-608	64317.00	19475.19	126.16	4354
C-608	64315.22	19459.35	126.36	4355
C-608	64400.14	19451.16	124.98	4356
C-609	64404.03	19465.58	126.10	4357
C-609	64405.61	19480.56	125.00	4358
C-609	64346.48	19487.43	125.69	4359
C-609	64344.43	19471.44	125.75	4360
C-610	64346.10	19471.09	125.70	4361
C-610	64347.67	19487.15	125.66	4362
C-610	64321.14	19488.81	125.69	4363
C-610	64319.87	19473.22	126.17	4364
C-611	64405.14	19485.57	124.96	4365
C-611	64346.89	19492.52	125.69	4366
C-611	64346.41	19485.51	125.69	4367
C-611	64404.86	19480.02	124.82	4368
C-612	64405.93	19484.47	124.97	4369
C-612	64407.45	19498.65	125.45	4370
C-612	64325.38	19500.69	122.42	4371
C-612	64320.81	19485.55	125.93	4372
C-613	64306.98	19488.03	124.05	4373
C-613	64309.49	19498.99	125.90	4374
C-613	64324.14	19497.67	123.82	4375
C-613	64315.99	19441.34	126.49	4376
C-613	64300.37	19445.05	126.93	4377

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-614	64294.58	19494.83	126.44	4378
C-614	64289.77	19477.88	124.36	4379
C-614	64285.41	19445.86	127.02	4380
C-614	64301.49	19443.97	126.91	4381
C-614	64308.29	19488.85	124.01	4382
C-614	64310.29	19498.20	125.55	4383
C-614	64307.22	19498.76	126.14	4384
C-614	64306.66	19499.99	126.21	4385
C-615	64279.05	19486.63	126.66	4386
C-615	64295.42	19494.87	126.43	4387
C-615	64291.59	19479.14	124.25	4388
C-615	64286.68	19445.74	127.03	4389
C-615	64270.98	19447.61	127.00	4390
C-615	64276.68	19475.15	124.35	4391
C-616	64240.26	19402.14	128.38	4392
C-616	64246.56	19402.77	128.36	4393
C-616	64256.83	19433.82	127.49	4394
C-616	64257.45	19466.09	124.58	4395
C-616	64257.80	19475.13	126.82	4396
C-616	64242.95	19467.16	127.05	4397
C-616	64242.84	19459.15	124.81	4398
C-616	64242.05	19454.52	125.13	4399
C-617	64271.36	19481.77	126.75	4400
C-617	64256.66	19474.30	126.82	4401
C-617	64256.41	19465.79	124.66	4402
C-617	64255.97	19462.37	124.57	4403
C-617	64257.51	19432.80	127.52	4404
C-617	64273.01	19434.01	127.47	4405
C-617	64271.22	19469.43	124.37	4406
C-617	64271.38	19472.70	124.44	4407
C-618	64269.87	19482.68	126.78	4408
C-618	64271.00	19472.49	124.43	4409
C-618	64269.97	19468.39	124.52	4410
C-618	64271.03	19443.77	127.14	4411
C-618	64276.64	19471.61	124.45	4412
C-618	64280.40	19487.38	126.63	4413

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-619	64241.78	19393.44	128.60	4414
C-619	64226.37	19379.28	129.18	4415
C-619	64227.32	19448.03	125.15	4416
C-619	64228.13	19452.20	125.08	4417
C-619	64228.38	19460.54	127.19	4418
C-619	64243.37	19467.98	127.03	4419
C-619	64243.45	19459.47	124.81	4420
C-619	64242.96	19454.89	125.14	4421
C-620	64211.82	19384.04	128.96	4422
C-620	64212.27	19440.50	125.34	4423
C-620	64213.73	19445.51	125.23	4424
C-620	64213.76	19453.83	127.31	4425
C-620	64228.97	19460.81	127.18	4426
C-620	64229.26	19452.63	125.01	4427
C-620	64228.20	19448.46	125.14	4428
C-620	64227.36	19382.20	128.92	4429
C-620	64227.39	19377.56	129.53	4430
C-620	64211.87	19349.04	136.49	4431
C-621	64214.37	19453.83	127.31	4432
C-621	64200.79	19451.17	127.28	4433
C-621	64198.78	19438.41	125.49	4434
C-621	64197.25	19433.79	125.34	4435
C-621	64197.60	19383.45	129.22	4436
C-621	64197.17	19346.19	137.27	4437
C-621	64196.47	19327.16	139.62	4438
C-621	64194.40	19308.62	141.81	4439
C-621	64195.42	19308.50	141.77	4440
C-621	64198.13	19315.64	140.91	4441
C-621	64207.27	19337.78	138.04	4442
C-621	64212.95	19351.51	136.15	4443
C-621	64212.72	19384.87	128.91	4444
C-621	64213.22	19441.30	125.25	4445
C-621	64214.45	19445.62	125.15	4446
C-622	64197.98	19342.72	137.68	4447
C-622	64182.55	19344.13	137.38	4448
C-622	64180.66	19317.14	141.23	4449
C-622	64180.19	19311.16	142.06	4450
C-622	64177.35	19287.10	145.03	4451
C-622	64185.35	19296.17	143.64	4452
C-622	64190.33	19309.51	141.93	4453
C-622	64195.75	19309.08	141.70	4454
C-622	64196.70	19317.15	140.83	4455

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-623	64201.09	19447.79	127.37	4456
C-623	64200.63	19443.22	126.68	4457
C-623	64198.37	19427.23	127.24	4458
C-623	64198.28	19388.27	128.78	4459
C-623	64198.80	19363.00	135.00	4460
C-623	64197.94	19340.57	137.94	4461
C-623	64182.81	19340.41	137.96	4462
C-623	64182.99	19362.89	134.53	4463
C-623	64182.41	19383.59	128.79	4464
C-623	64182.98	19426.10	125.60	4465
C-623	64184.97	19436.69	126.88	4466
C-623	64186.01	19445.78	127.44	4467
C-624	64178.67	19296.15	143.99	4468
C-624	64163.07	19298.86	143.27	4469
C-624	64156.74	19262.53	148.69	4470
C-624	64167.38	19271.30	147.27	4471
C-624	64176.32	19282.45	145.55	4472
C-625	64185.87	19440.02	126.13	4473
C-625	64172.70	19439.44	126.28	4474
C-625	64168.93	19422.02	123.92	4475
C-625	64167.84	19413.17	127.26	4476
C-625	64167.68	19385.57	128.44	4477
C-625	64168.83	19357.87	134.49	4478
C-625	64168.06	19338.91	137.47	4479
C-625	64163.90	19295.83	143.65	4480
C-625	64179.32	19294.47	144.15	4481
C-625	64183.70	19338.78	138.22	4482
C-625	64184.40	19363.92	134.35	4483
C-625	64183.32	19385.84	128.72	4484
C-625	64183.36	19418.96	127.46	4485
C-625	64185.29	19429.54	123.83	4486
C-626	64173.53	19433.32	126.24	4487
C-626	64158.27	19426.77	125.41	4488
C-626	64154.17	19376.52	128.43	4489
C-626	64152.02	19289.08	144.75	4490
C-626	64167.76	19288.63	144.59	4491
C-626	64170.20	19378.17	128.79	4492

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-627	64167.25	19293.68	143.99	4493
C-627	64152.21	19293.40	144.05	4494
C-627	64152.23	19274.80	147.04	4495
C-627	64151.28	19253.44	149.94	4496
C-627	64156.47	19261.37	148.86	4497
C-627	64160.80	19273.55	147.10	4498
C-628	64158.89	19424.39	125.77	4499
C-628	64143.78	19419.38	125.28	4500
C-628	64140.43	19400.35	127.12	4501
C-628	64138.56	19344.54	134.98	4502
C-628	64137.99	19307.21	141.05	4503
C-628	64137.85	19279.35	145.55	4504
C-628	64153.58	19279.36	146.40	4505
C-628	64153.65	19308.99	141.56	4506
C-628	64154.46	19350.55	134.81	4507
C-629	64143.54	19418.35	125.25	4508
C-629	64127.97	19410.61	124.88	4509
C-629	64127.07	19403.38	125.40	4510
C-629	64125.14	19392.45	127.08	4511
C-629	64122.96	19328.25	136.90	4512
C-629	64122.59	19274.38	145.56	4513
C-629	64138.55	19273.99	146.37	4514
C-629	64139.18	19332.34	137.02	4515
C-629	64141.17	19395.33	127.42	4516
C-629	64143.10	19411.02	125.40	4517
C-630	64128.37	19410.97	124.90	4518
C-630	64112.53	19402.92	124.73	4519
C-630	64110.50	19391.23	125.26	4520
C-630	64109.60	19361.82	127.88	4521
C-630	64108.14	19323.84	136.89	4522
C-630	64108.21	19264.15	146.52	4523
C-630	64123.86	19264.30	147.25	4524
C-630	64123.93	19326.82	137.18	4525
C-630	64126.30	19398.10	125.68	4526
C-631	64112.98	19403.36	124.72	4527
C-631	64097.24	19395.96	125.56	4528
C-631	64095.12	19375.14	126.93	4529
C-631	64093.24	19325.36	135.87	4530
C-631	64093.42	19257.89	146.77	4531
C-631	64109.19	19258.46	147.46	4532
C-631	64109.35	19331.73	135.67	4533
C-631	64110.90	19377.23	127.28	4534

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-632	64098.19	19396.25	125.71	4535
C-632	64082.02	19388.53	124.89	4536
C-632	64081.14	19380.86	124.97	4537
C-632	64080.30	19376.25	124.27	4538
C-632	64079.27	19349.92	127.53	4539
C-632	64078.15	19315.60	136.77	4540
C-632	64078.36	19250.70	147.16	4541
C-632	64094.31	19250.31	148.01	4542
C-632	64093.98	19323.79	136.22	4543
C-632	64095.14	19352.28	128.09	4544
C-632	64095.93	19377.43	126.86	4545
C-632	64096.94	19388.32	125.07	4546
C-633	64153.47	19280.00	146.29	4547
C-633	64137.76	19280.84	145.30	4548
C-633	64137.51	19232.67	152.54	4549
C-633	64142.15	19237.11	151.96	4550
C-633	64145.26	19241.16	151.46	4551
C-633	64152.73	19251.24	150.24	4552
C-634	64138.27	19276.07	146.07	4553
C-634	64122.69	19276.00	145.30	4554
C-634	64122.36	19240.10	151.06	4555
C-634	64123.21	19214.05	155.05	4556
C-634	64138.90	19214.59	154.80	4557
C-635	64123.69	19266.51	146.88	4558
C-635	64107.80	19266.55	146.12	4559
C-635	64107.38	19250.34	148.66	4560
C-635	64107.65	19226.65	152.46	4561
C-635	64123.43	19227.12	153.19	4562
C-635	64123.35	19250.05	149.51	4563
C-636	64123.27	19231.54	152.48	4564
C-636	64107.48	19231.00	151.77	4565
C-636	64109.19	19185.35	156.23	4566
C-636	64119.16	19185.28	155.95	4567
C-636	64124.60	19194.29	155.67	4568

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-637	64093.44	19259.72	146.48	4569
C-637	64108.67	19260.02	147.19	4570
C-637	64108.20	19236.42	150.94	4571
C-637	64109.54	19207.05	155.27	4572
C-637	64110.57	19179.45	156.32	4573
C-637	64100.89	19178.82	156.43	4574
C-637	64100.41	19169.47	156.71	4575
C-637	64094.87	19169.29	156.76	4576
C-637	64093.81	19205.40	155.08	4577
C-637	64092.50	19235.91	150.23	4578
C-638	64093.76	19254.60	147.30	4579
C-638	64078.00	19253.81	146.65	4580
C-638	64078.15	19240.44	148.80	4581
C-638	64093.67	19240.96	149.48	4582
C-639	64093.18	19243.01	149.13	4583
C-639	64077.98	19241.93	148.55	4584
C-639	64079.38	19199.58	155.22	4585
C-639	64080.70	19170.16	156.54	4586
C-639	64095.96	19171.19	156.69	4587
C-639	64094.66	19202.69	155.33	4588
C-640	64077.43	19249.73	147.27	4589
C-640	64063.85	19249.07	146.74	4590
C-640	64064.77	19169.44	156.40	4591
C-640	64080.51	19169.63	156.56	4592
C-641	64082.22	19388.50	124.91	4593
C-641	64081.15	19370.65	126.69	4594
C-641	64079.28	19321.10	135.84	4595
C-641	64079.76	19249.03	147.50	4596
C-641	64064.04	19248.39	146.86	4597
C-641	64063.33	19314.41	136.18	4598
C-641	64064.97	19362.83	126.48	4599
C-641	64066.81	19380.61	126.79	4600
C-642	64067.50	19381.21	126.84	4601
C-642	64051.41	19373.56	126.66	4602
C-642	64049.83	19355.10	126.40	4603
C-642	64048.42	19307.72	136.53	4604
C-642	64049.41	19235.06	148.33	4605
C-642	64065.55	19235.55	149.00	4606
C-642	64064.52	19314.82	136.19	4607
C-642	64065.90	19363.29	126.49	4608

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-643	64052.09	19373.72	126.69	4609
C-643	64036.90	19367.04	126.37	4610
C-643	64034.64	19348.10	126.18	4611
C-643	64033.12	19300.32	137.00	4612
C-643	64034.39	19229.20	148.47	4613
C-643	64050.37	19229.40	149.30	4614
C-643	64049.47	19308.21	136.52	4615
C-643	64050.97	19355.73	126.39	4616
C-644	64037.70	19366.65	126.36	4617
C-644	64021.93	19358.75	126.16	4618
C-644	64019.55	19340.47	126.07	4619
C-644	64018.11	19292.99	137.48	4620
C-644	64020.03	19223.29	148.54	4621
C-644	64036.14	19223.59	149.47	4622
C-644	64034.38	19300.73	136.97	4623
C-644	64036.02	19348.58	126.24	4624
C-645	64022.68	19359.15	126.17	4625
C-645	64003.94	19333.05	125.87	4626
C-645	64003.43	19289.37	137.26	4627
C-645	64005.55	19216.16	148.50	4628
C-645	64021.36	19216.26	149.78	4629
C-645	64019.17	19293.34	137.48	4630
C-645	64020.63	19340.53	126.13	4631
C-646	63988.90	19325.17	125.80	4632
C-646	63988.65	19284.20	137.10	4633
C-646	63991.04	19205.56	148.69	4634
C-646	64007.11	19206.07	150.06	4635
C-646	64004.41	19289.81	137.24	4636
C-646	64005.14	19333.51	125.89	4637
C-646	64006.77	19351.37	127.14	4638
C-646	63991.56	19345.15	125.12	4639
C-646	64007.29	19352.77	125.24	4640
C-647	63976.87	19337.10	124.87	4641
C-647	63992.82	19344.66	124.98	4642
C-647	63974.53	19273.53	137.65	4643
C-647	63977.62	19200.39	148.23	4644
C-647	63993.45	19201.55	149.47	4645
C-647	63989.69	19282.35	137.70	4646
C-647	63990.19	19325.84	125.80	4647

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-648	64062.68	19237.49	148.56	4648
C-648	64046.98	19236.54	147.95	4649
C-648	64050.31	19168.96	156.20	4650
C-648	64066.11	19169.68	156.40	4651
C-649	64048.75	19231.91	148.81	4652
C-649	64032.49	19230.63	148.14	4653
C-649	64037.73	19168.14	156.01	4654
C-649	64051.45	19169.06	156.22	4655
C-650	64037.89	19154.29	156.52	4656
C-650	64052.77	19155.05	156.76	4657
C-650	64051.59	19170.67	156.16	4658
C-650	64037.60	19169.99	155.94	4659
C-651	64050.67	19170.78	156.14	4660
C-651	64062.74	19171.36	156.30	4661
C-651	64062.87	19166.12	156.51	4662
C-651	64059.93	19155.58	156.86	4663
C-651	64051.62	19154.83	156.75	4664
C-652	64036.94	19155.27	156.47	4665
C-652	64057.56	19156.72	156.78	4666
C-652	64059.43	19140.35	157.51	4667
C-652	64037.46	19139.66	157.16	4668
C-653	64040.55	19132.13	157.55	4669
C-653	64034.03	19226.84	148.83	4670
C-653	64018.67	19225.50	148.08	4671
C-653	64024.32	19131.07	157.17	4672
C-654	64020.06	19219.01	149.24	4673
C-654	64004.36	19217.43	148.21	4674
C-654	64008.79	19163.70	155.44	4675
C-654	64024.27	19165.39	155.81	4676
C-655	64023.77	19168.11	155.70	4677
C-655	64008.78	19166.92	155.31	4678
C-655	64010.29	19133.47	156.60	4679
C-655	64026.31	19134.06	157.12	4680
C-656	64006.11	19208.02	149.70	4681
C-656	63990.16	19206.55	148.47	4682
C-656	63995.31	19132.63	156.17	4683
C-656	64011.30	19133.19	156.64	4684

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-657	63995.00	19171.07	153.93	4685
C-657	63979.01	19170.37	152.62	4686
C-657	63980.52	19131.94	155.55	4687
C-658	63977.02	19335.89	125.72	4689
C-658	63959.46	19309.87	125.44	4690
C-658	63959.28	19288.74	131.01	4691
C-658	63959.97	19262.05	138.00	4692
C-658	63963.19	19193.77	147.90	4693
C-658	63978.12	19195.19	149.01	4694
C-658	63974.94	19273.50	137.69	4695
C-658	63974.09	19317.51	125.69	4696
C-659	63975.40	19203.16	147.64	4697
C-659	63991.35	19205.17	148.77	4698
C-659	63994.53	19169.82	154.06	4699
C-659	63978.25	19168.42	152.83	4700
C-660	63977.47	19196.12	148.82	4701
C-660	63961.55	19194.68	147.62	4702
C-660	63966.03	19126.75	154.41	4703
C-660	63982.03	19126.81	155.67	4704
C-661	64059.43	19140.35	157.51	4705
C-661	64060.26	19128.48	158.08	4706
C-661	64038.27	19127.65	157.68	4707
C-661	64037.46	19139.66	157.16	4708
C-662	63961.72	19328.10	125.58	4709
C-662	63962.96	19328.22	125.43	4710
C-662	63945.40	19306.18	124.28	4711
C-662	63944.41	19282.04	130.20	4712
C-662	63944.86	19254.61	137.42	4713
C-662	63946.30	19216.69	143.16	4714
C-662	63948.03	19183.94	147.89	4715
C-662	63947.30	19320.44	123.31	4716
C-662	63962.73	19184.73	149.13	4717
C-662	63961.82	19214.98	144.77	4718
C-662	63960.38	19261.52	138.11	4719
C-662	63960.00	19281.75	133.01	4720
C-662	63960.82	19314.73	124.56	4721
C-663	63947.80	19186.37	147.52	4722
C-663	63949.74	19146.14	151.63	4723
C-663	63965.30	19147.48	154.30	4724
C-663	63963.49	19187.37	148.83	4725

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-664	63948.08	19320.12	125.50	4726
C-664	63930.00	19291.67	125.28	4727
C-664	63930.09	19245.25	137.68	4728
C-664	63932.07	19216.48	141.92	4729
C-664	63934.56	19180.50	147.08	4730
C-664	63950.02	19181.78	148.38	4731
C-664	63947.03	19217.76	143.08	4732
C-664	63945.60	19246.77	138.86	4733
C-664	63945.42	19300.07	125.52	4734
C-665	63933.45	19312.21	125.46	4735
C-665	63930.60	19280.85	128.06	4736
C-665	63931.84	19232.65	139.63	4737
C-665	63916.06	19231.73	138.39	4738
C-665	63916.63	19303.45	123.21	4739
C-665	63932.33	19311.97	123.23	4740
C-665	63914.99	19279.07	125.89	4741
C-665	63937.00	19160.66	148.66	4742
C-665	63922.32	19159.97	146.94	4743
C-666	63902.12	19294.56	125.33	4744
C-666	63917.34	19302.88	125.33	4745
C-666	63915.58	19281.09	125.45	4746
C-666	63915.67	19244.10	135.64	4747
C-666	63918.16	19203.01	142.51	4748
C-666	63922.43	19161.33	146.89	4749
C-666	63906.98	19159.66	144.42	4750
C-666	63904.67	19182.06	143.24	4751
C-666	63903.12	19203.07	141.11	4752
C-666	63900.35	19240.60	133.96	4753
C-666	63900.11	19278.96	124.12	4754
C-667	63888.39	19288.04	122.95	4755
C-667	63900.99	19264.34	127.57	4756
C-667	63902.17	19222.17	138.39	4757
C-667	63906.07	19181.01	143.53	4758
C-667	63889.43	19191.15	140.57	4759
C-668	63948.76	19186.00	147.67	4760
C-668	63933.52	19185.85	146.24	4761
C-668	63933.74	19158.04	148.44	4762
C-668	63949.48	19146.11	151.58	4763

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-669	63888.39	19278.04	123.07	4764
C-669	63886.89	19272.80	123.51	4765
C-669	63886.50	19237.04	132.48	4766
C-669	63888.34	19211.65	138.46	4767
C-669	63890.49	19190.12	140.79	4768
C-669	63874.99	19189.33	138.50	4769
C-669	63873.63	19279.59	123.11	4770
C-669	63888.87	19287.45	123.00	4771
C-669	63873.22	19207.66	136.52	4772
C-669	63871.10	19234.09	130.34	4773
C-669	63871.32	19263.15	123.47	4774
C-669	63872.82	19269.29	122.91	4775
C-670	63964.73	19148.98	154.13	4776
C-670	63949.63	19148.12	151.60	4777
C-670	63949.93	19132.47	151.70	4778
C-670	63966.22	19128.01	154.44	4779
C-671	63950.80	19147.60	151.80	4780
C-671	63904.25	19146.46	144.10	4781
C-671	63904.80	19130.92	144.21	4782
C-671	63950.58	19131.84	151.81	4783
C-672	63902.50	19294.67	125.31	4784
C-672	63886.28	19217.65	137.41	4785
C-672	63885.36	19257.54	126.68	4786
C-672	63875.32	19194.93	138.24	4787
C-672	63860.47	19193.52	134.69	4788
C-672	63857.52	19222.77	129.59	4789
C-672	63856.70	19246.46	124.63	4790
C-672	63857.03	19255.22	123.33	4791
C-672	63858.18	19260.94	122.84	4792
C-672	63874.03	19279.60	123.12	4793
C-672	63859.18	19271.79	123.06	4794
C-673	63950.35	19162.69	150.58	4795
C-673	63923.25	19161.45	146.99	4796
C-673	63891.56	19160.33	141.87	4797
C-673	63892.74	19144.80	142.20	4798
C-673	63924.01	19146.10	147.38	4799
C-673	63950.53	19147.20	151.75	4800

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-674	63799.80	19138.36	122.93	4801
C-674	63799.65	19122.83	123.31	4802
C-674	63907.75	19131.53	144.70	4803
C-674	63906.91	19147.18	144.54	4804
C-674	63863.08	19145.03	136.85	4805
C-674	63816.56	19140.79	123.44	4806
C-674	63816.46	19125.19	123.51	4807
C-674	63864.49	19129.60	137.28	4808
C-675	63800.16	19152.84	122.69	4809
C-675	63799.92	19137.66	123.02	4810
C-675	63941.71	19105.68	150.41	4811
C-675	63940.91	19121.66	150.24	4812
C-675	63909.44	19120.78	145.00	4813
C-675	63910.99	19104.04	145.32	4814
C-676	63893.30	19161.26	142.14	4815
C-676	63863.90	19159.92	137.07	4816
C-676	63816.68	19155.41	123.37	4817
C-676	63816.68	19140.12	123.49	4818
C-676	63864.77	19144.11	137.37	4819
C-676	63894.27	19145.98	142.45	4820
C-677	63919.66	19191.08	144.26	4821
C-677	63875.41	19190.43	138.50	4822
C-677	63875.58	19174.86	139.21	4823
C-677	63920.41	19175.42	145.89	4824
C-678	63906.51	19175.76	144.01	4825
C-678	63869.56	19174.54	138.32	4826
C-678	63840.86	19172.61	129.53	4827
C-678	63843.10	19157.39	130.39	4828
C-678	63870.08	19159.27	138.39	4829
C-678	63908.56	19159.47	144.69	4830
C-679	63841.86	19171.89	129.87	4831
C-679	63841.21	19187.47	129.15	4832
C-679	63866.61	19189.61	136.92	4833
C-679	63877.45	19189.89	138.81	4834
C-679	63877.24	19174.54	139.47	4835
C-679	63867.70	19173.55	138.04	4836

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-680	63800.37	19182.73	122.80	4837
C-680	63800.18	19167.53	122.72	4838
C-680	63800.28	19167.79	122.74	4839
C-680	63800.67	19182.97	122.80	4840
C-680	63842.22	19187.25	129.48	4841
C-680	63843.13	19172.26	130.29	4842
C-680	63842.20	19187.23	129.47	4843
C-681	63876.64	19189.41	138.73	4844
C-681	63850.53	19187.22	132.01	4845
C-681	63849.96	19203.12	130.56	4846
C-681	63875.02	19205.22	137.47	4847
C-681	63800.24	19182.00	122.90	4848
C-681	63800.71	19197.40	122.72	4849
C-682	63859.70	19202.40	133.50	4850
C-682	63844.71	19200.77	129.15	4851
C-682	63844.50	19217.54	126.97	4852
C-682	63858.84	19218.68	130.65	4853
C-683	63800.57	19212.89	122.93	4854
C-683	63800.93	19197.16	122.79	4855
C-683	63844.18	19216.86	127.00	4856
C-683	63845.00	19202.25	129.12	4857
C-684	63859.41	19271.48	123.16	4858
C-684	63845.08	19264.19	122.95	4859
C-684	63859.05	19262.81	123.25	4860
C-684	63857.27	19247.16	124.63	4861
C-684	63858.45	19216.52	130.88	4862
C-684	63842.94	19214.83	127.01	4863
C-684	63842.24	19241.88	124.23	4864
C-684	63843.20	19254.85	123.33	4865
C-685	63845.52	19264.02	123.05	4866
C-685	63829.91	19256.40	122.90	4867
C-685	63843.83	19243.07	124.16	4868
C-685	63843.17	19214.41	127.13	4869
C-685	63829.44	19214.46	124.51	4870
C-685	63827.99	19236.89	123.51	4871
C-686	63816.05	19249.16	122.73	4872
C-686	63830.88	19256.73	122.86	4873
C-686	63831.80	19224.76	124.44	4874
C-686	63816.62	19224.65	123.05	4875

488-4D GCL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
C-687	63800.57	19227.17	122.82	4876
c-687	63800.64	19211.72	123.42	4877
C-687	63832.35	19214.49	124.64	4878
C-687	63831.86	19228.21	124.36	4879
C-687	63814.48	19226.88	122.35	4880
C-687	63814.12	19212.26	122.46	4881
C-688	63813.34	19247.43	122.62	4882
C-688	63801.29	19242.22	122.89	4883
C-688	63800.49	19226.16	122.98	4884
C-688	63812.83	19225.96	122.14	4885
C-689	63817.99	19250.11	122.80	4886
C-689	63808.46	19245.37	122.76	4887
C-689	63817.99	19250.11	122.80	4888
C-689	63808.46	19245.37	122.76	4889
C-690	63812.18	19238.38	123.09	4890
C-690	63814.84	19235.35	122.01	4891
C-690	63811.57	19232.77	122.61	4892
C-690	63810.78	19233.00	122.87	4893
C-690	63810.98	19226.24	122.65	4894
C-690	63818.26	19226.10	123.54	4895
C-690	63817.85	19238.26	122.24	4896

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APPENDIX L2

488-4D GDL Panel As-Built Location Table

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488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-1	64046.84	17651.51	123.79	6001
D-1	64046.49	17659.23	123.35	6002
D-1	64060.83	17658.93	123.99	6003
D-1	64060.95	17651.89	124.22	6004
D-2	64046.33	17660.93	123.08	6005
D-2	64060.53	17661.28	123.82	6006
D-2	64061.04	17729.71	141.12	6007
D-2	64061.07	17796.10	152.20	6008
D-2	64047.08	17796.37	152.25	6009
D-2	64046.23	17728.34	140.90	6010
D-3	64032.45	17651.56	123.63	6011
D-3	64032.36	17658.96	123.43	6012
D-3	64046.49	17659.23	123.35	6013
D-3	64046.84	17651.51	123.79	6014
D-4	64046.33	17660.93	123.08	6015
D-4	64032.23	17661.15	123.36	6016
D-4	64032.17	17731.34	141.44	6017
D-4	64032.73	17803.83	153.53	6018
D-4	64047.13	17803.79	153.50	6019
D-4	64046.59	17732.09	141.53	6020
D-5	64032.45	17651.56	123.63	6021
D-5	64032.36	17658.96	123.43	6022
D-5	64018.37	17659.00	122.95	6023
D-5	64018.12	17651.59	123.45	6024
D-6	64032.23	17661.15	123.36	6025
D-6	64017.90	17660.97	122.91	6026
D-6	64017.88	17730.58	141.31	6027
D-6	64018.50	17801.73	153.19	6028
D-6	64032.88	17801.63	153.16	6029
D-6	64032.51	17731.15	141.41	6030
D-7	64003.80	17651.47	123.25	6031
D-7	64004.38	17658.54	123.72	6032
D-7	64018.37	17659.00	122.95	6033
D-7	64018.12	17651.59	123.45	6034
D-8	64003.62	17660.96	122.93	6035
D-8	64003.87	17727.28	140.74	6036
D-8	64004.64	17802.23	153.29	6037
D-8	64018.50	17802.40	153.30	6038
D-8	64018.31	17730.65	141.32	6039
D-8	64017.90	17660.97	122.91	6040

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-9	64061.05	17794.48	151.92	6041
D-9	64060.77	17862.81	157.21	6042
D-9	64058.91	17951.62	158.68	6043
D-9	64044.72	17951.11	158.45	6044
D-9	64046.84	17863.00	157.26	6045
D-9	64047.14	17802.30	153.26	6046
D-9	64047.07	17794.75	151.97	6047
D-10	64047.14	17802.30	153.26	6048
D-10	64032.72	17801.96	153.21	6049
D-10	64032.51	17863.75	157.29	6050
D-10	64030.18	17960.88	157.92	6051
D-10	64044.30	17961.21	158.44	6052
D-10	64046.84	17863.00	157.26	6053
D-11	64032.87	17800.34	152.94	6054
D-11	64018.51	17799.90	152.87	6055
D-11	64018.27	17863.70	157.20	6056
D-11	64015.94	17958.55	157.36	6057
D-11	64015.70	17973.61	157.39	6058
D-11	64029.85	17973.75	157.91	6059
D-11	64030.18	17960.88	157.92	6060
D-11	64032.51	17863.75	157.29	6061
D-12	64018.51	17799.90	152.87	6062
D-12	64004.65	17800.62	153.01	6063
D-12	64004.28	17863.96	156.77	6064
D-12	64001.93	17958.31	156.79	6065
D-12	64015.94	17958.55	157.36	6066
D-12	64018.27	17863.70	157.20	6067
D-13	64074.57	17659.55	123.18	6068
D-13	64060.83	17658.93	123.99	6069
D-13	64060.95	17651.89	124.22	6070
D-13	64074.75	17651.26	124.10	6071
D-14	64061.13	17804.60	153.61	6072
D-14	64060.51	17719.07	139.32	6073
D-14	64060.44	17661.47	124.17	6074
D-14	64074.81	17661.33	123.95	6075
D-14	64074.52	17719.28	139.38	6076
D-14	64075.73	17804.37	153.56	6077
D-15	64088.27	17651.43	124.20	6078
D-15	64088.91	17659.40	123.47	6079
D-15	64074.57	17659.55	123.18	6080
D-15	64074.75	17651.26	124.10	6081

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-16	64075.48	17802.47	153.25	6082
D-16	64089.29	17802.15	153.20	6083
D-16	64088.63	17717.74	139.14	6084
D-16	64089.21	17661.44	124.11	6085
D-16	64074.81	17661.33	123.95	6086
D-16	64074.52	17719.28	139.38	6087
D-17	64102.54	17659.51	123.29	6088
D-17	64102.48	17651.25	124.29	6089
D-17	64088.27	17651.43	124.20	6090
D-17	64088.91	17659.40	123.47	6091
D-18	64088.63	17717.74	139.14	6092
D-18	64089.31	17803.04	153.36	6093
D-18	64103.45	17802.86	153.33	6094
D-18	64103.15	17661.41	124.05	6095
D-18	64089.21	17661.44	124.11	6096
D-19	64117.11	17651.71	124.45	6097
D-19	64117.19	17658.92	124.26	6098
D-19	64102.54	17659.51	123.29	6099
D-19	64102.48	17651.25	124.29	6100
D-20	64117.52	17661.30	124.35	6101
D-20	64103.15	17661.35	123.94	6102
D-20	64103.35	17854.01	156.64	6103
D-20	64117.42	17853.22	156.07	6104
D-20	64117.29	17710.99	137.92	6105
D-21	64131.03	17651.81	125.02	6106
D-21	64117.11	17651.71	124.45	6107
D-21	64117.19	17658.92	124.26	6108
D-21	64131.04	17659.26	123.45	6109
D-22	64117.52	17661.30	124.35	6110
D-22	64131.69	17660.58	123.47	6111
D-22	64131.73	17713.28	137.70	6112
D-22	64131.62	17756.07	144.68	6113
D-22	64132.01	17805.01	152.54	6114
D-22	64117.38	17804.96	153.08	6115
D-22	64117.29	17710.99	137.92	6116

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-23	64072.47	17960.13	158.13	6117
D-23	64057.94	17959.56	158.70	6118
D-23	64058.40	17951.56	158.70	6119
D-23	64060.77	17862.81	157.21	6120
D-23	64061.13	17803.40	153.42	6121
D-23	64075.71	17803.19	153.37	6122
D-23	64074.82	17863.45	157.23	6123
D-24	64089.92	17800.18	152.86	6124
D-24	64075.44	17800.07	152.85	6125
D-24	64074.82	17861.29	157.15	6126
D-24	64072.16	17955.76	158.16	6127
D-24	64086.65	17956.21	157.59	6128
D-24	64089.56	17861.74	156.82	6129
D-25	64103.32	17867.92	156.76	6130
D-25	64103.45	17800.92	153.01	6131
D-25	64089.84	17801.41	153.08	6132
D-25	64089.15	17865.45	156.90	6133
D-25	64085.70	17956.75	157.63	6134
D-25	64099.88	17956.92	157.06	6135
D-26	64103.25	17851.80	156.59	6136
D-26	64117.62	17851.77	156.07	6137
D-26	64117.90	17870.35	156.09	6138
D-26	64114.45	17959.35	156.47	6139
D-26	64099.80	17959.03	157.07	6140
D-26	64103.34	17867.80	156.75	6141
D-27	64117.38	17803.36	152.83	6142
D-27	64132.02	17803.29	152.27	6143
D-27	64131.70	17872.73	155.55	6144
D-27	64128.38	17961.12	155.92	6145
D-27	64114.52	17960.87	156.47	6146
D-27	64117.54	17868.69	156.09	6147
D-28	64145.16	17658.68	124.41	6148
D-28	64145.15	17651.39	124.76	6149
D-28	64131.03	17651.81	125.02	6150
D-28	64131.04	17659.26	123.45	6151

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-29	64145.37	17660.92	124.02	6152
D-29	64131.69	17660.58	123.47	6153
D-29	64131.73	17713.28	137.70	6154
D-29	64131.62	17756.07	144.68	6155
D-29	64132.01	17805.01	152.54	6156
D-29	64145.84	17804.41	151.88	6157
D-29	64145.83	17796.71	150.68	6158
D-30	64145.16	17658.68	124.41	6159
D-30	64145.15	17651.39	124.76	6160
D-30	64159.01	17651.43	124.71	6161
D-30	64159.55	17659.03	123.71	6162
D-31	64160.06	17799.11	150.36	6163
D-31	64145.83	17798.64	150.99	6164
D-31	64145.75	17732.83	140.35	6165
D-31	64145.37	17660.92	124.02	6166
D-31	64159.09	17661.04	124.19	6167
D-31	64159.53	17734.19	140.03	6168
D-32	64159.01	17651.43	124.71	6169
D-32	64159.55	17659.03	123.71	6170
D-32	64173.71	17658.76	124.34	6171
D-32	64173.61	17651.20	124.63	6172
D-33	64159.09	17661.04	124.19	6173
D-33	64159.53	17734.19	140.03	6174
D-33	64160.09	17797.00	150.09	6175
D-33	64160.11	17804.27	150.90	6176
D-33	64162.71	17804.11	150.58	6177
D-33	64174.36	17795.31	148.39	6178
D-33	64174.08	17735.57	139.67	6179
D-33	64173.51	17661.49	124.98	6180
D-34	64173.61	17651.20	124.63	6181
D-34	64187.63	17651.29	124.81	6182
D-34	64187.79	17658.94	124.60	6183
D-34	64173.71	17658.76	124.34	6184
D-35	64187.46	17661.75	125.12	6185
D-35	64173.51	17661.49	124.98	6186
D-35	64174.08	17735.57	139.67	6187
D-35	64174.34	17794.03	148.26	6188
D-35	64188.54	17783.79	145.73	6189
D-35	64188.30	17735.92	139.20	6190

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-36	64145.83	17796.71	150.68	5951
D-36	64145.85	17817.67	153.20	5952
D-36	64160.18	17807.60	150.92	5953
D-36	64160.04	17797.00	150.09	5954
D-37	64145.85	17819.35	153.22	5955
D-37	64131.92	17829.07	155.35	5956
D-37	64132.02	17803.14	152.27	5957
D-37	64145.82	17803.02	151.50	5958
D-38	63989.84	17651.64	123.24	6191
D-38	64003.80	17651.47	123.25	6192
D-38	64004.38	17658.54	123.72	6193
D-38	63990.02	17658.71	123.37	6194
D-39	64003.62	17660.96	122.93	6195
D-39	63989.92	17661.32	123.49	6196
D-39	63990.25	17804.91	153.69	6197
D-39	64004.63	17804.96	153.74	6198
D-39	64004.65	17800.62	153.01	6199
D-39	64003.87	17727.28	140.74	6200
D-40	63989.84	17651.64	123.24	6201
D-40	63975.29	17652.08	123.22	6202
D-40	63975.79	17658.66	123.04	6203
D-40	63990.02	17658.71	123.37	6204
D-41	63975.63	17661.30	123.28	6205
D-41	63989.90	17661.32	123.49	6206
D-41	63989.79	17720.40	139.51	6207
D-41	63990.24	17804.24	153.59	6208
D-41	63975.81	17804.26	153.49	6209
D-41	63975.55	17719.83	139.47	6210
D-42	63975.29	17652.08	123.22	6211
D-42	63961.36	17652.36	123.17	6212
D-42	63961.40	17658.68	122.39	6213
D-42	63975.79	17658.66	123.04	6214
D-43	63961.69	17661.28	123.31	6215
D-43	63961.20	17719.50	139.51	6216
D-43	63960.94	17804.01	152.98	6217
D-43	63975.81	17804.26	153.49	6218
D-43	63975.55	17719.83	139.47	6219
D-43	63975.78	17661.20	123.12	6220

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-44	63961.40	17658.68	122.39	6221
D-44	63961.36	17652.36	123.17	6222
D-44	63947.66	17652.12	123.04	6223
D-44	63947.55	17658.36	122.95	6224
D-45	63947.61	17804.27	151.84	6225
D-45	63960.94	17804.01	152.98	6226
D-45	63961.20	17719.50	139.51	6227
D-45	63961.69	17661.28	123.31	6228
D-45	63947.58	17661.61	123.32	6229
D-45	63947.26	17719.16	139.45	6230
D-46	63933.40	17658.70	122.24	6231
D-46	63933.50	17652.42	122.83	6232
D-46	63947.66	17652.12	123.04	6233
D-46	63947.55	17658.36	122.95	6234
D-47	63947.58	17661.61	123.32	6235
D-47	63933.34	17661.44	123.17	6236
D-47	63933.16	17717.55	139.11	6237
D-47	63932.94	17793.23	149.22	6238
D-47	63947.65	17806.23	151.91	6239
D-47	63947.61	17804.27	151.84	6240
D-47	63947.26	17719.16	139.45	6241
D-48	63933.50	17652.42	122.83	6242
D-48	63919.38	17651.78	123.05	6243
D-48	63919.51	17658.98	121.85	6244
D-48	63933.40	17658.70	122.24	6245
D-49	63933.34	17661.44	123.17	6246
D-49	63919.48	17661.12	122.57	6247
D-49	63919.10	17715.81	138.70	6248
D-49	63919.01	17779.84	146.57	6249
D-49	63932.94	17793.23	149.22	6250
D-49	63933.16	17717.55	139.11	6251
D-50	64004.64	17802.80	153.39	6252
D-50	64004.55	17851.33	156.65	6253
D-50	63990.54	17841.93	156.22	6254
D-50	63990.23	17802.75	153.35	6255
D-51	63990.54	17841.93	156.22	6256
D-51	63990.23	17802.32	153.28	6257
D-51	63976.14	17802.50	153.23	6258
D-51	63976.65	17832.19	155.70	6259

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-52	63976.65	17832.19	155.70	6260
D-52	63976.14	17802.50	153.23	6261
D-52	63962.13	17802.73	152.82	6262
D-52	63962.46	17819.46	154.49	6263
D-53	63962.46	17819.46	154.49	6264
D-53	63962.07	17802.73	152.81	6265
D-53	63947.77	17802.46	151.79	6266
D-53	63947.65	17806.23	151.91	6267
D-54	63919.38	17651.78	123.05	6268
D-54	63905.21	17651.91	123.26	6269
D-54	63905.01	17658.86	122.20	6270
D-54	63919.51	17658.98	121.85	6271
D-55	63919.48	17661.12	122.57	6272
D-55	63905.02	17661.54	122.84	6273
D-55	63905.27	17768.49	144.29	6274
D-55	63919.01	17779.84	146.57	6275
D-56	63905.21	17651.91	123.26	6276
D-56	63891.08	17652.27	122.70	6277
D-56	63890.72	17659.14	121.57	6278
D-56	63905.01	17658.86	122.20	6279
D-57	63905.02	17661.54	122.84	6280
D-57	63890.92	17661.06	122.33	6281
D-57	63891.24	17756.41	141.64	6282
D-57	63905.27	17768.49	144.29	6283
D-58	63891.08	17652.27	122.70	6284
D-58	63876.92	17651.96	122.53	6285
D-58	63876.87	17658.89	121.66	6286
D-58	63890.72	17659.14	121.57	6287
D-59	63890.92	17661.06	122.33	6288
D-59	63876.64	17661.42	122.51	6289
D-59	63876.97	17743.53	138.86	6290
D-59	63891.24	17756.41	141.64	6291
D-60	63876.92	17651.96	122.53	6292
D-60	63862.84	17651.60	122.37	6293
D-60	63862.72	17659.19	121.35	6294
D-60	63876.87	17658.89	121.66	6295

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-61	63876.64	17661.42	122.51	6296
D-61	63862.58	17661.11	121.69	6297
D-61	63862.99	17731.63	134.63	6298
D-61	63876.97	17743.53	138.86	6299
D-62	63862.84	17651.60	122.37	6300
D-62	63848.60	17651.61	122.62	6301
D-62	63848.43	17658.78	122.29	6302
D-62	63862.72	17659.19	121.35	6303
D-63	63862.58	17661.11	121.69	6304
D-63	63848.34	17661.76	121.21	6305
D-63	63848.74	17717.78	128.60	6306
D-63	63862.99	17731.63	134.63	6307
D-64	63848.43	17658.78	122.29	6308
D-64	63848.60	17651.61	122.62	6309
D-64	63834.91	17651.70	122.66	6310
D-64	63835.20	17661.33	122.65	6311
D-65	63848.74	17717.78	128.60	6312
D-65	63835.15	17707.68	124.64	6313
D-65	63834.70	17665.52	121.08	6314
D-65	63848.34	17661.76	121.21	6315
D-66	63834.91	17651.70	122.66	6316
D-66	63820.88	17651.73	123.47	6317
D-66	63821.67	17671.19	122.29	6318
D-66	63826.10	17667.36	122.49	6319
D-66	63831.87	17662.86	123.08	6320
D-66	63835.20	17661.33	122.65	6321
D-67	63834.70	17665.52	121.08	6322
D-67	63829.66	17668.50	121.06	6323
D-67	63823.92	17673.92	121.37	6324
D-67	63820.68	17677.88	121.56	6325
D-67	63821.14	17695.30	122.65	6326
D-67	63835.15	17707.68	124.64	6327
D-68	63820.94	17651.63	123.32	6328
D-68	63814.85	17652.29	124.55	6329
D-68	63813.80	17682.52	121.27	6330
D-68	63821.67	17671.19	122.29	6331

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-69	63813.12	17695.33	120.73	6332
D-69	63821.14	17695.30	122.65	6333
D-69	63820.68	17677.88	121.56	6334
D-69	63819.87	17679.14	121.60	6335
D-69	63816.12	17685.92	121.00	6336
D-70	63814.85	17652.29	124.55	6337
D-70	63801.54	17652.18	124.68	6338
D-70	63801.43	17678.97	124.39	6339
D-70	63811.54	17689.10	121.18	6340
D-70	63813.80	17682.52	121.27	6341
D-71	63810.01	17716.99	120.80	6342
D-71	63809.58	17731.62	121.43	6343
D-71	63801.82	17730.72	124.41	6344
D-71	63801.83	17716.57	124.34	6345
D-72	63864.39	17730.71	134.84	6346
D-72	63837.20	17731.05	127.57	6347
D-72	63811.42	17731.31	121.13	6348
D-72	63811.70	17716.84	121.07	6349
D-72	63831.16	17716.82	124.58	6350
D-72	63850.95	17716.86	128.88	6351
D-72	63864.39	17728.21	134.51	6352
D-73	63801.83	17716.57	124.34	6353
D-73	63810.01	17716.99	120.80	6354
D-73	63809.79	17707.71	120.77	6355
D-73	63807.43	17706.48	120.89	6356
D-73	63806.32	17703.14	121.87	6357
D-73	63801.73	17702.86	124.30	6358
D-74	63851.04	17716.85	128.90	6359
D-74	63831.43	17702.64	124.44	6360
D-74	63815.33	17702.90	122.19	6361
D-74	63815.36	17705.46	122.79	6362
D-74	63812.87	17707.83	122.00	6363
D-74	63811.70	17716.84	121.07	6364
D-75	63806.32	17703.14	121.87	6365
D-75	63806.94	17700.21	121.56	6366
D-75	63808.82	17698.09	122.35	6367
D-75	63811.56	17689.70	121.08	6368
D-75	63809.46	17689.63	122.02	6369
D-75	63801.78	17688.71	124.29	6370
D-75	63801.73	17702.86	124.30	6371

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-76	63815.33	17702.90	122.19	6372
D-76	63831.43	17702.64	124.44	6373
D-76	63820.33	17691.98	122.25	6374
D-76	63814.72	17687.93	120.92	6375
D-76	63813.23	17694.28	120.78	6376
D-76	63813.40	17698.46	121.56	6377
D-77	63811.56	17689.70	121.08	6378
D-77	63809.46	17689.63	122.02	6379
D-77	63801.78	17688.71	124.29	6380
D-77	63801.43	17678.97	124.39	6381
D-77	63810.63	17682.06	122.89	6382
D-78	63879.44	17743.97	139.23	6383
D-78	63879.36	17742.70	139.11	6384
D-78	63864.39	17730.71	134.84	6385
D-78	63837.20	17731.05	127.57	6386
D-78	63818.44	17731.23	124.17	6387
D-78	63811.42	17731.31	121.13	6388
D-78	63811.33	17745.26	121.16	6389
D-79	63801.79	17744.80	124.49	6390
D-79	63810.04	17745.27	120.99	6391
D-79	63809.58	17731.62	121.43	6392
D-79	63801.82	17730.72	124.41	6393
D-80	63801.79	17744.80	124.49	6394
D-80	63802.39	17759.25	124.49	6395
D-80	63809.51	17759.47	121.72	6396
D-80	63810.04	17745.27	120.99	6397
D-81	63809.51	17759.47	121.72	6398
D-81	63802.39	17759.25	124.49	6399
D-81	63802.91	17773.30	124.54	6400
D-81	63809.57	17773.03	121.68	6401
D-82	63802.91	17773.30	124.54	6402
D-82	63801.48	17787.60	124.71	6403
D-82	63809.86	17787.32	121.24	6404
D-82	63809.57	17773.03	121.68	6405
D-83	63801.48	17787.60	124.71	6406
D-83	63801.93	17801.56	124.77	6407
D-83	63809.98	17801.62	121.12	6408
D-83	63809.86	17787.32	121.24	6409

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-84	63801.93	17801.56	124.77	6410
D-84	63809.98	17801.62	121.12	6411
D-84	63810.05	17815.31	121.28	6412
D-84	63802.23	17815.54	124.83	6413
D-85	63802.23	17815.54	124.83	6414
D-85	63810.05	17815.31	121.28	6415
D-85	63809.84	17829.49	121.49	6416
D-85	63802.02	17829.59	124.93	6417
D-86	63802.02	17829.59	124.93	6418
D-86	63801.71	17843.61	125.05	6419
D-86	63809.94	17843.43	121.53	6420
D-86	63809.84	17829.49	121.49	6421
D-87	63811.33	17745.26	121.16	6422
D-87	63811.24	17759.41	121.16	6423
D-87	63891.04	17757.77	141.71	6424
D-87	63895.68	17757.93	142.25	6425
D-87	63879.44	17743.97	139.23	6426
D-87	63818.13	17745.13	124.24	6427
D-88	63811.24	17759.41	121.16	6428
D-88	63811.15	17773.27	121.27	6429
D-88	63819.83	17773.43	124.78	6430
D-88	63911.22	17771.61	145.21	6431
D-88	63895.68	17757.93	142.25	6432
D-88	63891.04	17757.77	141.71	6433
D-88	63820.25	17759.10	124.67	6434
D-89	63811.15	17773.27	121.27	6435
D-89	63811.22	17787.44	121.42	6436
D-89	63925.06	17785.33	147.58	6437
D-89	63911.22	17771.61	145.21	6438
D-89	63819.83	17773.43	124.78	6439
D-90	63811.12	17801.75	121.12	6440
D-90	63811.22	17787.44	121.42	6441
D-90	63925.06	17785.33	147.58	6442
D-90	63939.91	17799.27	150.53	6443
D-91	63958.98	17813.33	153.77	6444
D-91	63811.17	17815.43	121.96	6445
D-91	63811.12	17801.75	121.12	6446
D-91	63939.91	17799.27	150.53	6447

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-92	63965.62	17827.92	155.27	6448
D-92	63974.32	17828.15	155.62	6449
D-92	63965.93	17818.43	154.67	6450
D-92	63958.98	17813.33	153.77	6451
D-92	63811.17	17815.43	121.96	6452
D-92	63811.28	17829.71	122.77	6453
D-92	63950.65	17828.04	152.94	6454
D-93	63811.28	17829.71	122.77	6455
D-93	63810.97	17843.57	121.50	6456
D-93	63951.35	17841.72	153.04	6457
D-93	63950.65	17828.04	152.94	6458
D-94	63801.71	17843.61	125.05	6459
D-94	63809.94	17843.43	121.53	6460
D-94	63809.81	17850.10	121.56	6461
D-94	63801.98	17850.30	125.09	6462
D-95	63810.86	17850.89	121.53	6463
D-95	63951.76	17849.21	153.13	6464
D-95	63951.35	17841.72	153.04	6465
D-95	63810.97	17843.57	121.50	6466
D-96	63811.00	17865.14	121.61	6467
D-96	63954.97	17862.84	153.66	6468
D-96	63954.46	17849.12	153.57	6469
D-96	63951.76	17849.21	153.13	6470
D-96	63810.86	17850.89	121.53	6471
D-97	63811.01	17879.59	121.76	6472
D-97	63811.00	17865.14	121.61	6473
D-97	63954.97	17862.84	153.66	6474
D-97	63956.19	17877.03	153.85	6475
D-97	63950.04	17877.14	152.83	6476
D-98	63801.98	17850.30	125.09	6477
D-98	63809.81	17850.10	121.56	6478
D-98	63809.88	17864.21	121.64	6479
D-98	63801.95	17864.78	125.15	6480
D-99	63801.95	17864.78	125.15	6481
D-99	63809.88	17864.21	121.64	6482
D-99	63809.70	17879.10	121.73	6483
D-99	63801.70	17878.66	125.26	6484

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-100	63809.94	17893.08	121.74	6485
D-100	63809.70	17879.10	121.73	6486
D-100	63801.70	17878.66	125.26	6487
D-100	63801.65	17892.59	125.31	6488
D-101	63811.01	17879.59	121.76	6489
D-101	63811.05	17893.96	121.73	6490
D-101	63952.05	17891.87	153.12	6491
D-101	63952.03	17877.11	153.16	6492
D-102	63949.35	17841.69	152.71	6493
D-102	63948.65	17828.05	152.60	6494
D-102	63965.62	17827.92	155.27	6495
D-102	63974.32	17828.15	155.62	6496
D-102	63993.87	17842.20	156.27	6497
D-103	63951.35	17841.72	153.04	6498
D-103	63949.35	17841.69	152.71	6499
D-103	63949.76	17849.23	152.79	6500
D-103	63951.76	17849.21	153.13	6501
D-103	63954.46	17849.12	153.57	6502
D-103	63999.71	17847.51	156.46	6503
D-103	63993.87	17842.20	156.27	6504
D-104	64004.59	17861.39	156.77	6505
D-104	64004.54	17847.33	156.50	6506
D-104	63999.71	17847.51	156.46	6507
D-104	63952.53	17849.18	153.25	6508
D-104	63952.97	17862.90	153.33	6509
D-105	63952.97	17862.90	153.33	6510
D-105	63953.06	17876.49	153.33	6511
D-105	64004.58	17875.34	156.85	6512
D-105	64004.59	17861.39	156.77	6513
D-106	64004.58	17875.34	156.85	6514
D-106	63950.04	17877.14	152.83	6515
D-106	63950.05	17891.90	152.79	6516
D-106	64003.77	17889.93	156.83	6517
D-107	63809.96	17907.08	121.78	6518
D-107	63809.94	17893.08	121.74	6519
D-107	63801.65	17892.59	125.31	6520
D-107	63801.64	17907.19	125.36	6521

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-108	63952.05	17891.80	153.12	6522
D-108	63811.05	17893.96	121.73	6523
D-108	63811.00	17907.84	121.78	6524
D-108	63952.77	17905.32	153.22	6525
D-109	63801.83	17921.32	125.42	6526
D-109	63809.70	17921.58	121.89	6527
D-109	63809.96	17907.08	121.78	6528
D-109	63801.64	17907.19	125.36	6529
D-110	63952.77	17905.32	153.22	6530
D-110	63811.00	17907.84	121.78	6531
D-110	63811.17	17921.96	122.05	6532
D-110	63952.79	17919.94	153.28	6533
D-111	63801.35	17935.58	125.42	6534
D-111	63809.56	17935.79	121.98	6535
D-111	63809.70	17921.58	121.89	6536
D-111	63801.83	17921.32	125.42	6537
D-112	63811.17	17921.96	122.05	6538
D-112	63811.05	17936.12	122.06	6539
D-112	63953.31	17934.28	153.40	6540
D-112	63952.79	17919.94	153.28	6541
D-113	63809.56	17935.79	121.98	6542
D-113	63809.45	17949.85	122.08	6543
D-113	63801.79	17949.60	125.49	6544
D-113	63801.35	17935.58	125.42	6545
D-114	63811.05	17936.12	122.06	6546
D-114	63810.70	17950.39	122.05	6547
D-114	63954.74	17948.42	153.63	6548
D-114	63953.79	17934.16	153.48	6549
D-115	64003.63	17889.93	156.82	6550
D-115	63950.05	17891.90	152.79	6551
D-115	63950.77	17905.37	152.89	6552
D-115	64003.32	17904.23	156.81	6553
D-115	64003.77	17889.93	156.83	6554
D-116	64003.27	17904.23	156.81	6555
D-116	63950.77	17905.37	152.89	6556
D-116	63950.79	17920.02	152.95	6557
D-116	64003.07	17917.71	156.81	6558

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-117	64003.07	17917.71	156.81	6559
D-117	63950.79	17920.02	152.95	6560
D-117	63951.31	17934.36	153.07	6561
D-117	64002.73	17932.30	156.80	6562
D-118	63951.76	17934.19	153.14	6563
D-118	63952.81	17948.70	153.32	6564
D-118	64002.22	17946.47	156.78	6565
D-118	64002.42	17932.29	156.79	6566
D-119	63809.45	17949.85	122.08	6567
D-119	63801.79	17949.60	125.49	6568
D-119	63802.13	17963.56	125.54	6569
D-119	63809.55	17963.44	122.17	6570
D-120	63952.81	17948.70	153.32	6571
D-120	63810.70	17950.39	122.05	6572
D-120	63810.70	17950.39	122.05	6573
D-120	63810.72	17964.58	122.13	6574
D-120	63953.28	17962.73	153.39	6575
D-121	63809.55	17963.44	122.17	6576
D-121	63802.13	17963.56	125.54	6577
D-121	63802.39	17977.50	125.61	6578
D-121	63809.64	17977.95	122.26	6579
D-122	63810.72	17964.58	122.13	6580
D-122	63810.89	17978.97	122.39	6581
D-122	63954.89	17977.36	153.55	6582
D-122	63953.28	17962.73	153.39	6583
D-123	63952.02	17962.35	153.18	6584
D-123	63951.17	17948.72	153.04	6585
D-123	64002.22	17946.47	156.78	6586
D-123	64001.87	17960.90	156.80	6587
D-124	64001.87	17960.90	156.80	6588
D-124	63952.02	17962.35	153.18	6589
D-124	63952.81	17976.99	153.31	6590
D-124	64001.32	17975.23	156.84	6591
D-124	64001.31	17960.90	156.78	6592
D-125	64000.78	17958.10	156.74	6593
D-125	64001.32	17975.23	156.84	6594
D-125	64015.67	17975.05	157.39	6595
D-125	64015.96	17957.79	157.36	6596

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-126	64044.31	17976.09	158.51	6597
D-126	64044.04	17959.35	158.43	6598
D-126	64029.38	17959.30	157.89	6599
D-126	64029.52	17976.50	157.90	6600
D-127	64058.66	17948.08	158.69	6601
D-127	64058.30	17975.42	158.71	6602
D-127	64043.68	17975.26	158.48	6603
D-127	64044.04	17959.35	158.43	6604
D-127	64044.03	17949.06	158.42	6605
D-128	63802.39	17977.50	125.61	6606
D-128	63801.58	17991.79	125.68	6607
D-128	63809.20	17991.93	122.76	6608
D-128	63809.09	17977.86	123.17	6609
D-129	63904.36	17977.69	145.19	6610
D-129	63810.89	17978.97	122.39	6611
D-129	63810.78	17993.42	122.47	6612
D-129	63902.82	17992.22	144.96	6613
D-129	63954.21	17990.79	153.60	6614
D-129	63953.90	17977.37	153.45	6615
D-130	63801.58	17991.79	125.68	6616
D-130	63801.90	18005.85	125.85	6617
D-130	63809.35	18005.75	122.48	6618
D-130	63809.20	17991.93	122.76	6619
D-131	63810.78	18007.40	122.59	6620
D-131	63810.78	17993.42	122.47	6621
D-131	63902.82	17992.22	144.96	6622
D-131	63955.79	17991.02	153.86	6623
D-131	63955.73	18005.28	153.90	6624
D-131	63810.78	18007.40	122.59	6625
D-132	63904.47	18006.52	145.27	6626
D-132	63964.94	18004.85	155.40	6627
D-132	63965.35	18011.91	155.40	6628
D-132	63911.24	18013.23	146.40	6629
D-132	63861.53	18013.85	138.14	6630
D-132	63810.28	18014.34	122.52	6631
D-132	63810.78	18007.40	122.59	6632
D-133	63801.90	18005.85	125.85	6633
D-133	63801.51	18014.49	125.89	6634
D-133	63809.43	18013.81	122.51	6635
D-133	63809.35	18005.75	122.48	6636

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-134	63801.51	18014.49	125.89	6637
D-134	63801.39	18028.58	125.95	6638
D-134	63809.21	18028.70	122.93	6639
D-134	63809.43	18013.81	122.51	6640
D-135	63801.39	18028.58	125.95	6641
D-135	63801.52	18042.64	126.01	6642
D-135	63809.26	18042.61	122.66	6643
D-135	63809.21	18028.70	122.93	6644
D-136	63801.52	18042.64	126.01	6645
D-136	63801.48	18056.67	126.04	6646
D-136	63808.99	18056.75	123.33	6647
D-136	63809.26	18042.61	122.66	6648
D-137	63958.69	18012.05	154.38	6649
D-137	63911.24	18013.23	146.40	6650
D-137	63861.53	18013.85	138.14	6651
D-137	63810.28	18014.34	122.52	6652
D-137	63811.64	18028.01	123.81	6653
D-137	63859.59	18027.97	137.82	6654
D-137	63913.93	18027.29	146.86	6655
D-137	63958.41	18026.35	154.30	6656
D-138	63973.88	18040.38	155.73	6657
D-138	63973.60	18026.08	155.74	6658
D-138	63913.93	18027.29	146.86	6659
D-138	63859.59	18027.97	137.82	6660
D-138	63811.64	18028.01	123.81	6661
D-138	63811.03	18041.69	123.03	6662
D-138	63881.57	18042.42	141.46	6663
D-139	63811.03	18041.69	123.03	6664
D-139	63811.06	18056.09	123.56	6665
D-139	63879.86	18057.01	141.15	6666
D-139	63952.69	18055.77	153.33	6667
D-139	63951.68	18041.35	153.17	6668
D-139	63881.57	18042.42	141.46	6669
D-140	63811.06	18056.09	123.56	6670
D-140	63810.43	18070.15	122.48	6671
D-140	63872.92	18071.08	139.98	6672
D-140	63952.21	18070.44	153.21	6673
D-140	63952.69	18055.77	153.33	6674
D-140	63879.86	18057.01	141.15	6675

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-141	63810.43	18070.15	122.48	6676
D-141	63809.96	18084.04	122.45	6677
D-141	63873.28	18085.56	140.03	6678
D-141	63952.56	18084.67	153.24	6679
D-141	63952.21	18070.44	153.21	6680
D-141	63872.92	18071.08	139.98	6681
D-142	63809.96	18084.04	122.45	6682
D-142	63810.17	18098.54	122.41	6683
D-142	63872.98	18099.03	139.99	6684
D-142	63953.70	18098.82	153.42	6685
D-142	63953.64	18084.53	153.42	6686
D-142	63952.56	18084.67	153.24	6687
D-142	63873.28	18085.56	140.03	6688
D-143	63810.17	18098.29	122.41	6689
D-143	63810.30	18112.47	122.36	6690
D-143	63873.80	18113.44	140.10	6691
D-143	63953.53	18112.22	153.40	6692
D-143	63953.71	18098.96	153.42	6693
D-143	63872.98	18099.03	139.99	6694
D-144	63808.99	18056.75	123.33	6695
D-144	63808.84	18070.12	123.71	6696
D-144	63801.49	18070.01	125.95	6697
D-144	63801.48	18056.67	126.04	6698
D-145	63808.84	18070.12	123.71	6699
D-145	63808.69	18084.01	123.94	6700
D-145	63801.49	18083.83	125.89	6701
D-145	63801.49	18070.01	125.95	6702
D-146	63808.69	18084.01	123.94	6703
D-146	63808.52	18099.68	123.93	6704
D-146	63801.50	18099.31	125.83	6705
D-146	63801.49	18083.83	125.89	6706
D-147	63808.52	18099.68	123.93	6707
D-147	63801.50	18099.31	125.83	6708
D-147	63801.60	18113.85	125.75	6709
D-147	63809.06	18113.63	122.62	6710
D-148	64058.57	17973.41	158.69	6711
D-148	64059.39	17987.37	158.70	6712
D-148	63950.89	17991.44	153.04	6713
D-148	63950.04	17976.88	152.85	6714

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-149	64002.73	17989.03	156.90	6715
D-149	64003.53	18003.32	156.93	6716
D-149	63953.57	18005.59	153.53	6717
D-149	63952.95	17991.25	153.39	6718
D-150	64059.39	17987.37	158.70	6719
D-150	64060.48	18001.53	158.71	6720
D-150	64000.67	18003.63	156.82	6721
D-150	64000.14	17989.17	156.80	6722
D-151	63963.42	18005.06	155.19	6723
D-151	63963.45	18011.82	155.18	6724
D-151	64060.83	18007.93	158.69	6725
D-151	64060.48	18001.53	158.71	6726
D-152	63955.77	18012.33	153.89	6727
D-152	63956.24	18026.49	153.94	6728
D-152	64061.78	18021.62	158.67	6729
D-152	64060.83	18007.93	158.69	6730
D-153	64065.11	18021.92	158.54	6731
D-153	64065.31	18007.72	158.48	6732
D-153	64048.42	18007.86	158.74	6733
D-153	64049.27	18022.45	158.78	6734
D-154	64061.78	18021.62	158.67	6735
D-154	64063.12	18035.39	158.66	6736
D-154	63972.37	18040.45	155.67	6737
D-154	63971.41	18026.23	155.64	6738
D-155	64001.82	18038.81	156.89	6739
D-155	64002.44	18052.58	156.92	6740
D-155	63951.00	18055.79	153.05	6741
D-155	63950.76	18041.52	153.01	6742
D-156	63999.66	18038.93	156.80	6743
D-156	64000.62	18052.68	156.84	6744
D-156	64063.97	18049.18	158.65	6745
D-156	64063.47	18035.38	158.64	6746
D-157	64043.16	18050.33	158.55	6747
D-157	64043.74	18065.11	158.59	6748
D-157	63949.95	18070.54	152.84	6749
D-157	63949.25	18055.82	152.76	6750

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-158	64041.45	18050.42	158.49	6751
D-158	64041.72	18065.23	158.51	6752
D-158	64063.27	18063.98	158.65	6753
D-158	64063.97	18049.18	158.65	6754
D-159	64063.91	18078.03	158.61	6755
D-159	64063.27	18063.98	158.65	6756
D-159	63949.95	18070.54	152.84	6757
D-159	63950.54	18084.69	152.91	6758
D-160	64063.91	18078.03	158.61	6759
D-160	64044.31	18079.18	158.60	6760
D-160	64044.80	18093.62	158.63	6761
D-160	64063.49	18092.47	158.66	6762
D-161	64046.72	18093.49	158.71	6763
D-161	63951.15	18098.96	153.00	6764
D-161	63951.14	18084.65	153.01	6765
D-161	64001.86	18081.57	156.87	6766
D-161	64045.56	18079.11	158.66	6767
D-162	64063.70	18106.72	158.69	6768
D-162	64063.49	18092.47	158.66	6769
D-162	64003.97	18095.94	156.96	6770
D-162	64004.37	18109.38	156.98	6771
D-163	64005.51	18095.85	157.02	6772
D-163	64005.75	18109.32	157.03	6773
D-163	63950.79	18112.26	152.95	6774
D-163	63949.75	18098.96	152.77	6775
D-164	64065.18	18120.93	158.63	6776
D-164	64060.19	18121.19	158.85	6777
D-164	63979.96	18124.53	155.97	6778
D-164	63977.76	18110.57	155.89	6779
D-164	64063.70	18106.72	158.69	6780
D-165	63801.60	18113.85	125.75	6781
D-165	63801.54	18128.07	125.68	6782
D-165	63809.45	18127.04	122.35	6783
D-165	63809.06	18113.63	122.62	6784
D-166	63919.17	18125.90	147.70	6785
D-166	63953.15	18125.66	153.35	6786
D-166	63953.53	18112.22	153.40	6787
D-166	63873.80	18113.44	140.10	6788
D-166	63810.30	18112.47	122.36	6789
D-166	63811.17	18126.67	123.67	6790

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-167	63980.03	18110.47	155.99	6791
D-167	63980.86	18124.49	156.01	6792
D-167	63951.95	18125.70	153.16	6793
D-167	63951.29	18112.25	153.03	6794
D-168	63809.14	18141.92	122.33	6795
D-168	63809.45	18127.04	122.35	6796
D-168	63801.54	18128.07	125.68	6797
D-168	63801.97	18142.02	125.59	6798
D-169	63809.20	18156.51	122.28	6799
D-169	63809.14	18141.92	122.33	6800
D-169	63802.03	18142.03	125.59	6801
D-169	63801.70	18156.30	125.51	6802
D-170	63801.53	18170.50	125.45	6803
D-170	63801.70	18156.30	125.51	6804
D-170	63809.20	18156.51	122.28	6805
D-170	63808.91	18170.36	122.83	6806
D-171	63809.33	18184.80	122.09	6807
D-171	63808.91	18170.36	122.83	6808
D-171	63801.53	18170.50	125.45	6809
D-171	63801.75	18184.79	125.35	6810
D-172	63801.90	18191.67	125.32	6811
D-172	63809.34	18191.99	122.04	6812
D-172	63809.33	18184.80	122.09	6813
D-172	63801.75	18184.79	125.35	6814
D-173	63811.17	18126.67	123.67	6815
D-173	63811.37	18141.01	123.70	6816
D-173	63855.16	18141.59	136.49	6817
D-173	63896.57	18141.82	143.91	6818
D-173	63920.85	18141.92	147.97	6819
D-173	63920.83	18125.89	147.97	6820
D-174	63811.37	18141.01	123.70	6821
D-174	63855.16	18141.59	136.49	6822
D-174	63896.57	18141.82	143.91	6823
D-174	63920.79	18141.82	147.96	6824
D-174	63920.56	18156.15	147.93	6825
D-174	63895.22	18155.89	143.70	6826
D-174	63855.19	18156.01	136.52	6827
D-174	63811.34	18155.13	123.64	6828

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-175	63811.34	18155.13	123.64	6829
D-175	63811.00	18169.77	122.93	6830
D-175	63854.80	18170.01	136.41	6831
D-175	63894.47	18170.39	143.58	6832
D-175	63921.23	18170.41	148.05	6833
D-175	63920.56	18156.15	147.93	6834
D-175	63895.22	18155.89	143.70	6835
D-175	63855.19	18156.01	136.52	6836
D-176	63811.01	18169.46	122.96	6837
D-176	63811.13	18183.40	122.66	6838
D-176	63854.59	18184.32	136.34	6839
D-176	63882.04	18184.31	141.51	6840
D-176	63892.41	18184.66	143.25	6841
D-176	63920.67	18184.33	147.97	6842
D-176	63920.21	18170.23	147.88	6843
D-176	63894.47	18170.39	143.58	6844
D-176	63854.80	18170.01	136.41	6845
D-177	63811.13	18183.40	122.66	6846
D-177	63811.29	18191.87	122.55	6847
D-177	63884.09	18194.49	141.87	6848
D-177	63920.86	18194.10	148.02	6849
D-177	63920.92	18184.35	148.01	6850
D-177	63892.41	18184.66	143.25	6851
D-177	63854.59	18184.32	136.34	6852
D-178	64023.24	18122.73	157.73	6853
D-178	64024.02	18136.85	157.75	6854
D-178	64066.83	18135.26	158.59	6855
D-178	64067.06	18120.87	158.55	6856
D-179	64021.20	18136.95	157.64	6857
D-179	64021.49	18150.60	157.63	6858
D-179	64066.96	18149.02	158.59	6859
D-179	64066.67	18135.26	158.59	6860
D-180	64067.64	18148.96	158.56	6861
D-180	64068.09	18163.37	158.54	6862
D-180	64024.94	18165.09	157.74	6863
D-180	64024.25	18151.13	157.74	6864
D-181	64021.78	18165.19	157.61	6865
D-181	64066.39	18163.43	158.62	6866
D-181	64066.64	18177.36	158.59	6867
D-181	64022.06	18179.48	157.59	6868

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-182	63951.95	18125.67	153.16	6869
D-182	63979.96	18124.53	155.97	6870
D-182	64025.52	18122.63	157.82	6871
D-182	64026.68	18136.75	157.85	6872
D-182	63919.79	18141.51	147.79	6873
D-182	63919.17	18125.90	147.70	6874
D-183	63919.14	18141.54	147.68	6875
D-183	63919.39	18156.12	147.73	6876
D-183	63970.10	18153.40	155.53	6877
D-183	63969.53	18139.30	155.51	6878
D-184	63968.17	18139.36	155.44	6879
D-184	63968.82	18153.46	155.47	6880
D-184	64024.28	18150.58	157.75	6881
D-184	64023.12	18136.87	157.71	6882
D-185	64020.97	18150.79	157.61	6883
D-185	64021.93	18165.20	157.62	6884
D-185	63920.39	18170.34	147.91	6885
D-185	63919.19	18156.01	147.70	6886
D-186	64023.00	18165.14	157.66	6887
D-186	64023.66	18179.41	157.65	6888
D-186	63919.87	18184.36	147.84	6889
D-186	63918.96	18170.29	147.67	6890
D-187	64025.67	18150.86	157.80	6891
D-187	64027.24	18164.97	157.83	6892
D-187	64020.58	18165.26	157.57	6893
D-187	64019.45	18151.10	157.55	6894
D-188	64068.38	18191.76	158.54	6895
D-188	64068.19	18177.29	158.53	6896
D-188	63919.87	18184.34	147.84	6897
D-188	63919.32	18194.11	147.76	6898
D-189	63809.34	18191.99	122.04	6899
D-189	63801.90	18191.67	125.32	6900
D-189	63809.28	18205.89	121.95	6901
D-189	63802.01	18205.88	123.22	6902

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-190	63952.10	18207.18	153.19	6903
D-190	63952.15	18193.60	153.20	6904
D-190	63884.09	18194.49	141.87	6905
D-190	63811.29	18191.87	122.55	6906
D-190	63810.72	18205.24	121.92	6907
D-190	63873.19	18207.26	140.05	6908
D-190	63950.69	18207.47	152.96	6909
D-191	63809.30	18220.25	121.96	6910
D-191	63809.28	18205.89	121.95	6911
D-191	63802.00	18205.87	123.23	6912
D-191	63802.24	18219.81	123.46	6913
D-192	63810.72	18205.24	121.92	6914
D-192	63873.19	18207.26	140.05	6915
D-192	63954.45	18207.04	153.57	6916
D-192	63954.37	18220.41	153.57	6917
D-192	63872.12	18221.22	139.86	6918
D-192	63810.60	18219.98	121.85	6919
D-193	63809.30	18233.96	121.91	6920
D-193	63809.30	18220.25	121.96	6921
D-193	63802.24	18219.81	123.46	6922
D-193	63801.95	18233.97	122.93	6923
D-194	63810.60	18219.98	121.85	6924
D-194	63810.44	18233.97	121.82	6925
D-194	63871.29	18235.36	139.72	6926
D-194	63955.48	18234.59	153.77	6927
D-194	63955.01	18220.36	153.67	6928
D-194	63954.37	18220.41	153.57	6929
D-194	63872.12	18221.22	139.86	6930
D-195	63801.76	18248.49	125.07	6931
D-195	63809.30	18233.96	121.91	6932
D-195	63809.27	18248.44	121.90	6933
D-195	63801.95	18233.97	122.94	6934
D-196	63810.44	18233.97	121.82	6935
D-196	63810.58	18248.43	122.01	6936
D-196	63870.18	18249.78	139.54	6937
D-196	63954.45	18249.21	153.62	6938
D-196	63954.23	18234.60	153.56	6939
D-196	63871.29	18235.36	139.72	6940

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-197	64027.25	18206.50	157.83	6941
D-197	64067.51	18205.24	158.62	6942
D-197	64068.25	18191.76	158.55	6943
D-197	64000.21	18192.78	156.75	6944
D-197	63950.87	18193.62	152.99	6945
D-197	63950.69	18207.47	152.96	6946
D-198	64068.12	18219.39	158.59	6947
D-198	64067.51	18205.24	158.62	6948
D-198	64027.25	18206.50	157.83	6949
D-198	64027.20	18220.85	157.84	6950
D-198	64029.19	18220.78	157.92	6951
D-199	63952.96	18221.21	153.34	6952
D-199	63953.02	18207.35	153.34	6953
D-199	64029.24	18206.43	157.91	6954
D-200	63952.47	18235.02	153.27	6955
D-200	63952.96	18221.21	153.34	6956
D-200	64027.20	18220.85	157.84	6957
D-200	64031.59	18220.67	158.01	6958
D-200	64032.16	18234.43	158.04	6959
D-201	64008.26	18249.12	157.11	6960
D-201	63952.69	18249.05	153.33	6961
D-201	63952.47	18235.02	153.27	6962
D-201	64007.26	18234.45	157.04	6963
D-202	64070.30	18233.22	158.53	6964
D-202	64069.29	18219.69	158.54	6965
D-202	64029.59	18220.77	157.93	6966
D-202	64030.17	18234.52	157.96	6967
D-203	64069.96	18249.07	158.57	6968
D-203	64070.72	18234.83	158.51	6969
D-203	64069.98	18234.85	158.54	6970
D-203	64046.05	18234.35	158.60	6971
D-203	64030.17	18234.52	157.96	6972
D-203	64005.27	18234.45	156.96	6973
D-203	64006.26	18249.15	157.03	6974
D-204	63801.53	18262.51	125.01	6975
D-204	63809.04	18262.78	122.20	6976
D-204	63809.27	18248.44	121.90	6977
D-204	63801.76	18248.49	125.07	6978

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-205	63810.58	18248.43	122.01	6979
D-205	63810.77	18262.63	122.45	6980
D-205	63890.07	18264.34	142.87	6981
D-205	63954.62	18263.06	153.64	6982
D-205	63954.68	18249.23	153.66	6983
D-205	63870.18	18249.78	139.54	6984
D-206	63801.89	18276.79	124.94	6985
D-206	63801.53	18262.51	125.01	6986
D-206	63809.04	18262.78	122.20	6987
D-206	63809.17	18276.71	121.76	6988
D-207	63810.77	18262.63	122.45	6989
D-207	63811.06	18276.92	122.92	6990
D-207	63888.42	18279.06	142.59	6991
D-207	63953.70	18277.76	153.49	6992
D-207	63953.58	18263.05	153.48	6993
D-207	63890.07	18264.34	142.87	6994
D-208	64072.86	18262.44	158.45	6995
D-208	64070.65	18248.31	158.54	6996
D-208	64006.26	18249.15	157.03	6997
D-208	63952.69	18249.05	153.33	6998
D-208	63952.66	18263.05	153.32	6999
D-208	64015.36	18263.40	157.40	7000
D-209	64073.77	18279.52	158.42	7001
D-209	64071.94	18264.83	158.49	7002
D-209	64035.31	18263.59	158.19	7003
D-209	64035.17	18278.13	158.18	7004
D-210	64037.17	18278.20	158.26	7005
D-210	64037.31	18263.65	158.26	7006
D-210	63951.58	18263.03	153.14	7007
D-210	63951.73	18277.41	153.16	7008
D-211	63801.75	18290.94	124.87	7009
D-211	63809.02	18290.78	122.25	7010
D-211	63809.17	18276.71	121.76	7011
D-211	63801.89	18276.79	124.94	7012
D-212	63811.06	18276.92	122.92	7013
D-212	63810.86	18290.52	122.20	7014
D-212	63888.07	18293.08	142.54	7015
D-212	63949.41	18292.35	152.77	7016
D-212	63949.32	18277.53	152.76	7017
D-212	63888.42	18279.06	142.59	7018

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-213	63801.93	18305.30	124.79	7019
D-213	63809.23	18305.03	121.73	7020
D-213	63809.02	18290.78	122.25	7021
D-213	63801.75	18290.94	124.87	7022
D-214	63810.86	18290.52	122.20	7023
D-214	63811.10	18305.02	122.15	7024
D-214	63886.60	18306.79	142.29	7025
D-214	63954.78	18305.99	153.66	7026
D-214	63954.45	18291.86	153.61	7027
D-214	63888.07	18293.08	142.54	7028
D-215	63802.23	18319.01	124.68	7029
D-215	63801.93	18305.30	124.79	7030
D-215	63809.23	18305.03	121.73	7031
D-215	63809.39	18318.69	121.44	7032
D-216	63811.10	18305.02	122.15	7033
D-216	63810.68	18319.06	121.39	7034
D-216	63885.78	18321.17	142.13	7035
D-216	63955.30	18320.33	153.74	7036
D-216	63954.78	18305.99	153.66	7037
D-216	63886.60	18306.79	142.29	7038
D-217	63802.35	18333.59	124.62	7039
D-217	63809.08	18333.37	121.79	7040
D-217	63809.39	18318.69	121.44	7041
D-217	63802.23	18319.01	124.68	7042
D-218	63810.68	18319.06	121.39	7043
D-218	63810.63	18333.46	121.21	7044
D-218	63884.72	18335.66	141.95	7045
D-218	63954.10	18334.80	153.54	7046
D-218	63953.58	18320.35	153.46	7047
D-218	63885.78	18321.17	142.13	7048
D-219	64072.77	18292.32	158.48	7049
D-219	64072.38	18278.08	158.47	7050
D-219	63947.17	18277.74	152.41	7051
D-219	63947.46	18291.97	152.45	7052
D-220	64072.42	18306.94	158.52	7053
D-220	64072.77	18292.32	158.48	7054
D-220	63952.65	18291.96	153.31	7055
D-220	63952.82	18306.10	153.33	7056

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-221	64074.14	18320.94	158.45	7057
D-221	64073.08	18306.85	158.50	7058
D-221	63953.59	18306.00	153.46	7059
D-221	63953.53	18320.10	153.45	7060
D-222	64073.41	18335.43	158.48	7061
D-222	64075.88	18335.42	158.38	7062
D-222	64074.14	18320.94	158.45	7063
D-222	63951.79	18319.84	153.16	7064
D-222	63952.08	18334.71	153.21	7065
D-222	63995.04	18334.22	156.58	7066
D-223	63809.34	18347.42	121.60	7067
D-223	63802.31	18347.77	124.58	7068
D-223	63802.35	18333.59	124.62	7069
D-223	63809.08	18333.37	121.79	7070
D-224	63810.63	18333.46	121.21	7071
D-224	63811.25	18347.69	121.80	7072
D-224	63868.43	18349.63	139.23	7073
D-224	63882.51	18349.81	141.59	7074
D-224	63956.59	18348.65	153.96	7075
D-224	63956.39	18334.77	153.93	7076
D-224	63884.72	18335.66	141.95	7077
D-224	63880.39	18335.49	141.22	7078
D-225	64073.41	18335.43	158.48	7079
D-225	64074.21	18350.14	158.45	7080
D-225	63994.73	18347.92	156.55	7081
D-225	63954.24	18348.64	153.57	7082
D-225	63953.74	18348.77	153.49	7083
D-225	63954.10	18334.80	153.54	7084
D-225	63995.04	18334.22	156.58	7085
D-226	63809.24	18361.71	121.77	7086
D-226	63809.33	18347.75	121.65	7087
D-226	63802.31	18347.77	124.58	7088
D-226	63802.51	18361.38	124.51	7089
D-227	63811.25	18347.69	121.80	7090
D-227	63811.62	18361.69	122.30	7091
D-227	63869.40	18363.49	139.38	7092
D-227	63955.53	18362.95	153.78	7093
D-227	63954.64	18348.66	153.64	7094
D-227	63882.51	18349.81	141.59	7095
D-227	63868.43	18349.63	139.23	7096

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-228	63809.24	18361.71	121.77	7097
D-228	63802.51	18361.38	124.51	7098
D-228	63802.28	18375.14	124.44	7099
D-228	63809.18	18376.00	121.40	7100
D-229	63811.62	18361.69	122.30	7101
D-229	63811.53	18375.54	122.31	7102
D-229	63874.55	18377.58	140.26	7103
D-229	63954.71	18376.63	153.65	7104
D-229	63954.58	18362.96	153.62	7105
D-229	63869.40	18363.49	139.38	7106
D-230	64076.17	18363.34	158.40	7107
D-230	64077.02	18349.19	158.33	7108
D-230	64074.21	18350.14	158.45	7109
D-230	63994.73	18347.92	156.55	7110
D-230	63953.74	18348.77	153.49	7111
D-230	63952.98	18363.00	153.37	7112
D-230	63983.82	18362.45	156.10	7113
D-230	63985.34	18362.50	156.16	7114
D-231	63952.98	18363.00	153.37	7115
D-231	63953.14	18376.65	153.40	7116
D-231	63984.93	18376.53	156.13	7117
D-231	63985.35	18362.44	156.16	7118
D-232	63983.82	18362.45	156.10	7119
D-232	63983.70	18376.63	156.08	7120
D-232	64075.68	18377.72	158.45	7121
D-232	64076.17	18363.34	158.40	7122
D-233	63809.18	18376.00	121.40	7123
D-233	63802.28	18375.14	124.44	7124
D-233	63802.21	18389.52	124.36	7125
D-233	63808.98	18389.54	121.72	7126
D-234	63811.53	18375.54	122.31	7127
D-234	63811.13	18389.47	121.80	7128
D-234	63877.42	18391.82	140.75	7129
D-234	63954.15	18390.85	153.56	7130
D-234	63953.92	18376.66	153.52	7131
D-234	63874.55	18377.58	140.26	7132
D-235	63809.10	18403.89	121.08	7133
D-235	63808.98	18389.54	121.72	7134
D-235	63802.21	18389.52	124.36	7135
D-235	63802.18	18403.58	124.29	7136

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-236	63811.13	18389.47	121.80	7137
D-236	63811.06	18403.78	121.81	7138
D-236	63864.37	18405.53	138.58	7139
D-236	63955.26	18405.05	153.74	7140
D-236	63955.18	18390.83	153.73	7141
D-236	63877.42	18391.82	140.75	7142
D-237	63951.88	18376.67	153.19	7143
D-237	63951.85	18390.88	153.18	7144
D-237	64075.53	18391.86	158.46	7145
D-237	64075.68	18377.72	158.45	7146
D-237	63983.70	18376.63	156.08	7147
D-238	63952.72	18390.81	153.33	7148
D-238	63952.86	18405.10	153.34	7149
D-238	63985.11	18405.20	156.15	7150
D-238	63985.05	18391.09	156.14	7151
D-239	63983.92	18391.08	156.10	7152
D-239	63984.16	18405.20	156.12	7153
D-239	64050.04	18406.05	158.77	7154
D-239	64049.83	18392.03	158.77	7155
D-240	64049.15	18406.07	158.74	7156
D-240	64074.54	18406.39	158.51	7157
D-240	64075.53	18391.86	158.46	7158
D-240	64047.79	18392.07	158.69	7159
D-241	63802.18	18403.58	124.29	7160
D-241	63801.77	18418.19	124.17	7161
D-241	63808.75	18418.17	121.68	7162
D-241	63809.10	18403.89	121.08	7163
D-242	63811.06	18403.78	121.81	7164
D-242	63811.02	18418.48	121.79	7165
D-242	63860.51	18420.09	137.92	7166
D-242	63954.19	18419.73	153.57	7167
D-242	63953.66	18404.96	153.48	7168
D-242	63864.37	18405.53	138.58	7169
D-243	63952.00	18404.90	153.20	7170
D-243	63953.13	18419.45	153.39	7171
D-243	64019.16	18419.85	157.55	7172
D-243	64077.46	18420.71	158.39	7173
D-243	64077.43	18406.32	158.39	7174
D-243	64016.58	18405.49	157.45	7175

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-244	63807.95	18432.26	122.37	7176
D-244	63808.75	18418.17	121.68	7177
D-244	63801.77	18418.19	124.17	7178
D-244	63801.79	18432.23	124.09	7179
D-245	63954.19	18419.73	153.57	7180
D-245	63860.51	18420.09	137.92	7181
D-245	63811.02	18418.48	121.79	7182
D-245	63810.97	18432.28	120.91	7183
D-245	63954.48	18433.46	153.62	7184
D-246	63801.45	18446.52	124.09	7185
D-246	63801.79	18432.23	124.09	7186
D-246	63807.95	18432.26	122.37	7187
D-246	63807.90	18446.43	120.26	7188
D-247	63810.97	18432.28	120.91	7189
D-247	63810.76	18446.47	120.70	7190
D-247	63838.52	18446.88	131.03	7191
D-247	63904.46	18448.21	145.26	7192
D-247	63955.52	18447.57	153.79	7193
D-247	63954.48	18433.46	153.62	7194
D-248	64077.46	18420.71	158.39	7195
D-248	64077.30	18434.68	158.41	7196
D-248	63952.96	18433.56	153.37	7197
D-248	63953.13	18419.45	153.39	7198
D-249	64077.30	18434.68	158.41	7199
D-249	64077.03	18448.61	158.45	7200
D-249	63952.74	18447.55	153.33	7201
D-249	63952.88	18433.01	153.35	7202
D-250	63801.45	18446.52	124.09	7203
D-250	63807.90	18446.43	120.26	7204
D-250	63809.32	18460.46	120.49	7205
D-250	63800.93	18460.28	124.16	7206
D-251	63954.58	18463.01	153.62	7207
D-251	63954.62	18447.57	153.64	7208
D-251	63904.46	18448.21	145.26	7209
D-251	63838.52	18446.88	131.03	7210
D-251	63810.76	18446.47	120.70	7211
D-251	63810.88	18459.97	120.53	7212
D-251	63898.27	18463.17	144.21	7213

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-252	64076.14	18448.78	158.49	7214
D-252	64075.77	18462.83	158.52	7215
D-252	63953.36	18461.90	153.41	7216
D-252	63952.77	18447.55	153.34	7217
D-253	63800.93	18460.28	124.16	7218
D-253	63801.30	18474.20	124.20	7219
D-253	63808.78	18474.75	122.29	7220
D-253	63809.32	18460.46	120.49	7221
D-254	63898.27	18463.17	144.21	7222
D-254	63810.88	18459.97	120.53	7223
D-254	63810.89	18474.40	121.63	7224
D-254	63859.83	18476.76	137.77	7225
D-254	63953.05	18478.02	153.33	7226
D-254	63952.87	18462.97	153.33	7227
D-255	63808.78	18474.75	122.29	7228
D-255	63801.30	18474.20	124.20	7229
D-255	63801.18	18488.03	124.26	7230
D-255	63808.94	18488.00	121.66	7231
D-256	63810.89	18474.40	121.63	7232
D-256	63859.87	18476.76	137.78	7233
D-256	63899.17	18477.10	144.34	7234
D-256	63953.05	18478.02	153.33	7235
D-256	63954.10	18492.31	153.49	7236
D-256	63858.80	18490.83	137.45	7237
D-256	63811.03	18488.08	122.23	7238
D-257	63801.18	18488.03	124.26	7239
D-257	63808.93	18488.00	121.70	7240
D-257	63808.80	18503.00	121.81	7241
D-257	63801.55	18502.62	124.15	7242
D-258	63810.84	18502.02	121.44	7243
D-258	63811.03	18488.08	122.23	7244
D-258	63858.82	18490.57	137.46	7245
D-258	63956.73	18492.26	153.94	7246
D-258	63956.41	18507.79	153.85	7247
D-258	63860.78	18504.99	137.89	7248
D-259	63808.81	18502.89	121.79	7249
D-259	63809.51	18516.46	120.99	7250
D-259	63801.86	18515.91	124.40	7251
D-259	63801.71	18502.56	124.12	7252

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-260	63810.80	18502.01	121.31	7253
D-260	63810.73	18516.69	120.98	7254
D-260	63859.35	18518.84	137.54	7255
D-260	63955.64	18522.83	153.71	7256
D-260	63955.93	18507.77	153.77	7257
D-260	63860.78	18504.99	137.89	7258
D-261	63951.33	18475.82	153.05	7259
D-261	63951.33	18461.89	153.08	7260
D-261	64075.33	18462.99	158.54	7261
D-261	64075.14	18477.24	158.56	7262
D-262	64075.12	18477.00	158.56	7263
D-262	64074.82	18491.43	158.57	7264
D-262	63951.01	18489.93	152.98	7265
D-262	63951.18	18475.82	153.02	7266
D-263	63953.88	18504.34	153.43	7267
D-263	63954.35	18490.16	153.53	7268
D-263	64075.39	18490.80	158.55	7269
D-263	64075.05	18505.61	158.58	7270
D-264	63953.41	18518.47	153.34	7271
D-264	63953.25	18503.49	153.33	7272
D-264	64076.12	18504.77	158.53	7273
D-264	64075.23	18519.78	158.59	7274
D-265	63949.83	18532.61	152.72	7275
D-265	63948.46	18517.66	152.51	7276
D-265	64073.56	18519.18	158.67	7277
D-265	64073.02	18534.12	158.70	7278
D-266	63801.86	18515.91	124.40	7279
D-266	63801.53	18530.57	124.48	7280
D-266	63809.04	18531.08	121.93	7281
D-266	63809.51	18516.46	120.99	7282
D-267	63953.73	18537.98	153.35	7283
D-267	63953.65	18522.76	153.37	7284
D-267	63859.35	18518.84	137.54	7285
D-267	63810.73	18516.69	120.98	7286
D-267	63810.68	18530.76	121.01	7287
D-267	63859.86	18533.65	137.67	7288
D-268	64073.62	18533.64	158.68	7289
D-268	64073.86	18548.52	158.67	7290
D-268	63950.05	18546.66	152.71	7291
D-268	63950.12	18532.03	152.77	7292

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-269	63801.53	18530.57	124.48	7293
D-269	63801.21	18544.52	124.54	7294
D-269	63809.48	18544.78	121.07	7295
D-269	63809.04	18531.08	121.93	7296
D-270	63810.79	18545.40	121.26	7297
D-270	63810.68	18530.76	121.01	7298
D-270	63866.68	18533.76	138.82	7299
D-270	63954.96	18538.00	153.55	7300
D-270	63953.88	18552.23	153.34	7301
D-271	63801.21	18544.53	124.54	7302
D-271	63802.10	18558.91	124.60	7303
D-271	63809.51	18559.41	121.15	7304
D-271	63809.48	18544.78	121.07	7305
D-272	63810.85	18559.15	121.61	7306
D-272	63810.31	18544.54	121.07	7307
D-272	63859.90	18547.34	137.68	7308
D-272	63955.98	18552.34	153.68	7309
D-272	63955.38	18567.03	153.56	7310
D-272	63859.52	18562.17	137.54	7311
D-273	63802.10	18558.91	124.60	7312
D-273	63801.80	18573.28	124.67	7313
D-273	63809.53	18573.62	121.23	7314
D-273	63809.51	18559.41	121.15	7315
D-274	63953.20	18566.91	153.20	7316
D-274	63952.78	18581.22	153.10	7317
D-274	63861.17	18576.59	137.79	7318
D-274	63810.62	18573.67	121.22	7319
D-274	63810.71	18559.07	121.15	7320
D-274	63859.65	18562.20	137.58	7321
D-275	63953.20	18561.33	153.21	7322
D-275	63952.93	18546.33	153.20	7323
D-275	64073.70	18548.00	158.68	7324
D-275	64073.62	18563.16	158.68	7325
D-276	63801.80	18573.28	124.67	7326
D-276	63801.66	18587.55	124.76	7327
D-276	63809.37	18587.60	121.32	7328
D-276	63809.53	18573.62	121.23	7329

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-277	63810.52	18587.81	121.29	7330
D-277	63860.15	18591.67	137.62	7331
D-277	63945.44	18595.21	151.85	7332
D-277	63945.63	18580.86	151.90	7333
D-277	63861.17	18576.59	137.79	7334
D-277	63810.66	18573.54	121.22	7335
D-278	63950.16	18575.46	152.68	7336
D-278	63950.43	18561.34	152.75	7337
D-278	64075.20	18560.86	158.61	7338
D-278	64074.65	18575.59	158.63	7339
D-279	64075.33	18575.47	158.60	7340
D-279	64074.66	18589.96	158.63	7341
D-279	63943.72	18589.83	151.57	7342
D-279	63943.41	18575.28	151.55	7343
D-280	63801.66	18587.55	124.76	7344
D-280	63801.52	18601.53	124.82	7345
D-280	63808.53	18601.56	122.68	7346
D-280	63809.37	18587.60	121.32	7347
D-281	63953.73	18610.09	153.21	7348
D-281	63954.50	18595.71	153.37	7349
D-281	63860.15	18591.67	137.62	7350
D-281	63811.48	18587.61	122.80	7351
D-281	63811.31	18601.72	122.76	7352
D-281	63860.23	18604.43	137.60	7353
D-282	63808.53	18601.56	122.68	7354
D-282	63808.38	18615.92	123.09	7355
D-282	63802.06	18615.52	124.88	7356
D-282	63801.52	18601.53	124.82	7357
D-283	63955.51	18609.89	153.51	7358
D-283	63954.86	18624.08	153.38	7359
D-283	63860.60	18618.94	137.67	7360
D-283	63811.27	18615.95	122.23	7361
D-283	63811.31	18601.72	122.76	7362
D-283	63860.23	18604.43	137.60	7363
D-284	63808.38	18615.92	123.09	7364
D-284	63808.43	18629.91	123.16	7365
D-284	63802.16	18630.15	124.94	7366
D-284	63802.06	18615.52	124.88	7367

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-285	63954.86	18624.08	153.38	7368
D-285	63954.04	18637.84	153.23	7369
D-285	63860.87	18632.62	137.69	7370
D-285	63811.06	18629.80	122.24	7371
D-285	63811.27	18615.95	122.23	7372
D-285	63860.60	18618.94	137.67	7373
D-286	63808.43	18629.91	123.16	7374
D-286	63808.90	18643.91	122.17	7375
D-286	63801.89	18644.15	125.00	7376
D-286	63802.16	18630.15	124.94	7377
D-287	63954.04	18637.84	153.23	7378
D-287	63953.31	18652.51	153.12	7379
D-287	63860.55	18647.25	137.53	7380
D-287	63811.07	18643.47	122.54	7381
D-287	63811.06	18629.80	122.24	7382
D-287	63860.87	18632.53	137.70	7383
D-288	63808.90	18643.91	122.17	7384
D-288	63809.08	18651.23	121.83	7385
D-288	63802.05	18651.14	124.92	7386
D-288	63802.03	18644.07	124.98	7387
D-289	63955.75	18652.07	153.52	7388
D-289	63955.38	18659.84	153.44	7389
D-289	63860.89	18654.07	137.61	7390
D-289	63811.39	18651.00	123.07	7391
D-289	63811.07	18643.47	122.54	7392
D-289	63860.55	18647.25	137.53	7393
D-290	63809.08	18651.23	121.83	7394
D-290	63808.87	18665.12	122.12	7395
D-290	63802.02	18665.14	125.17	7396
D-290	63802.05	18651.14	124.92	7397
D-291	63811.39	18651.00	123.07	7398
D-291	63810.87	18665.04	122.49	7399
D-291	63880.14	18669.20	140.86	7400
D-291	63956.44	18673.66	153.58	7401
D-291	63957.02	18660.19	153.70	7402
D-291	63860.89	18654.07	137.61	7403

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-292	64075.37	18589.96	158.60	7404
D-292	63942.55	18589.82	151.37	7405
D-292	63941.76	18603.97	151.23	7406
D-292	64074.44	18603.09	158.66	7407
D-292	64074.56	18603.09	158.66	7408
D-292	64098.84	18602.76	157.68	7409
D-292	64097.10	18589.36	157.74	7410
D-293	64075.45	18616.64	158.62	7411
D-293	63952.34	18617.35	152.97	7412
D-293	63952.74	18603.91	153.06	7413
D-293	64074.44	18603.09	158.66	7414
D-293	64111.03	18602.59	157.17	7415
D-293	64110.65	18615.59	157.16	7416
D-293	64080.25	18616.49	158.42	7417
D-294	64075.45	18616.64	158.62	7418
D-294	64087.06	18616.28	158.15	7419
D-294	64110.60	18615.59	157.17	7420
D-294	64110.82	18629.44	157.13	7421
D-294	64075.53	18629.99	158.61	7422
D-294	63952.33	18631.97	152.95	7423
D-294	63952.34	18617.35	152.97	7424
D-295	63952.33	18631.97	152.95	7425
D-295	63952.26	18645.62	152.94	7426
D-295	64109.50	18644.33	157.15	7427
D-295	64109.11	18629.46	157.20	7428
D-296	64107.44	18644.27	157.24	7429
D-296	64108.23	18658.71	157.18	7430
D-296	64074.75	18660.25	158.62	7431
D-296	63952.68	18660.44	152.99	7432
D-296	63952.26	18645.62	152.94	7433
D-297	64113.40	18658.41	156.97	7434
D-297	64074.75	18660.25	158.62	7435
D-297	63955.38	18659.84	153.44	7436
D-297	63954.97	18674.58	153.33	7437
D-297	64074.53	18674.14	158.59	7438
D-297	64113.59	18672.99	156.95	7439
D-298	63808.87	18665.12	122.12	7440
D-298	63808.25	18678.85	123.22	7441
D-298	63802.77	18678.45	125.21	7442
D-298	63802.02	18665.14	125.17	7443

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-299	63878.91	18683.32	140.63	7444
D-299	63811.37	18679.34	123.28	7445
D-299	63810.87	18665.04	122.49	7446
D-299	63880.14	18669.20	140.86	7447
D-299	63956.44	18673.66	153.58	7448
D-299	63956.15	18687.71	153.50	7449
D-300	63808.25	18678.85	123.22	7450
D-300	63808.25	18693.16	123.53	7451
D-300	63802.26	18692.72	125.24	7452
D-300	63802.77	18678.45	125.21	7453
D-301	63956.15	18687.71	153.50	7454
D-301	63955.01	18701.84	153.30	7455
D-301	63878.35	18697.61	140.51	7456
D-301	63811.47	18693.68	123.35	7457
D-301	63811.33	18679.32	123.26	7458
D-301	63878.91	18683.32	140.63	7459
D-302	63808.25	18693.16	123.53	7460
D-302	63808.80	18706.98	123.12	7461
D-302	63802.49	18707.06	125.31	7462
D-302	63802.26	18692.72	125.24	7463
D-303	63955.16	18701.90	153.33	7464
D-303	63954.44	18716.18	153.20	7465
D-303	63876.93	18711.56	140.26	7466
D-303	63811.66	18707.33	123.46	7467
D-303	63811.47	18693.68	123.35	7468
D-303	63878.35	18697.61	140.51	7469
D-304	63808.80	18706.98	123.12	7470
D-304	63809.00	18721.45	122.58	7471
D-304	63802.82	18721.05	125.41	7472
D-304	63802.49	18707.06	125.31	7473
D-305	63956.44	18716.05	153.53	7474
D-305	63955.45	18730.71	153.35	7475
D-305	63875.59	18725.63	140.04	7476
D-305	63811.66	18721.71	123.58	7477
D-305	63811.66	18707.33	123.46	7478
D-305	63876.93	18711.56	140.26	7479
D-306	63809.00	18721.45	122.58	7480
D-306	63809.18	18735.58	122.28	7481
D-306	63802.30	18735.35	125.45	7482
D-306	63802.82	18721.05	125.41	7483

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-307	63954.23	18730.32	153.14	7484
D-307	63953.25	18744.64	152.93	7485
D-307	63875.18	18740.15	139.95	7486
D-307	63811.21	18736.08	123.39	7487
D-307	63811.66	18721.71	123.58	7488
D-307	63875.59	18725.63	140.04	7489
D-308	64074.53	18674.14	158.59	7490
D-308	64112.92	18672.73	156.98	7491
D-308	64112.92	18687.51	156.96	7492
D-308	64076.55	18688.38	158.50	7493
D-308	63953.87	18687.94	153.13	7494
D-308	63954.01	18674.04	153.18	7495
D-309	64076.55	18688.38	158.50	7496
D-309	63953.97	18688.09	153.15	7497
D-309	63953.99	18702.99	153.13	7498
D-309	64077.26	18702.42	158.46	7499
D-309	64112.87	18701.51	156.95	7500
D-309	64112.59	18687.36	156.98	7501
D-310	64077.26	18702.42	158.46	7502
D-310	64109.78	18701.58	157.08	7503
D-310	64109.99	18715.57	157.05	7504
D-310	64076.27	18716.87	158.49	7505
D-310	63953.74	18715.94	153.08	7506
D-310	63953.99	18702.99	153.13	7507
D-311	64076.27	18716.87	158.49	7508
D-311	63953.32	18715.93	153.01	7509
D-311	63952.59	18730.76	152.87	7510
D-311	64078.91	18730.73	158.37	7511
D-311	64112.95	18730.32	156.91	7512
D-311	64112.51	18715.47	156.95	7513
D-312	63952.59	18730.76	152.87	7514
D-312	64078.91	18730.73	158.37	7515
D-312	64109.82	18730.36	157.04	7516
D-312	64109.75	18745.00	157.03	7517
D-312	64079.06	18745.07	158.33	7518
D-312	63951.78	18745.24	152.69	7519
D-313	63809.18	18735.58	122.28	7520
D-313	63808.69	18749.60	123.69	7521
D-313	63802.21	18748.95	125.53	7522
D-313	63802.30	18735.35	125.45	7523

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-314	63955.85	18744.29	153.37	7524
D-314	63954.97	18758.46	153.19	7525
D-314	63861.77	18753.57	137.68	7526
D-314	63811.27	18750.39	123.25	7527
D-314	63811.21	18736.08	123.39	7528
D-314	63861.77	18739.31	137.71	7529
D-314	63875.18	18740.15	139.95	7530
D-315	63808.69	18749.60	123.69	7531
D-315	63808.51	18763.71	123.84	7532
D-315	63801.98	18763.14	125.65	7533
D-315	63802.21	18748.95	125.53	7534
D-315	63954.97	18758.46	153.19	7535
D-316	63954.78	18772.79	153.15	7536
D-316	63861.63	18768.13	137.62	7537
D-316	63811.38	18764.80	123.67	7538
D-316	63811.27	18750.39	123.25	7539
D-316	63861.77	18753.57	137.68	7540
D-317	63808.51	18763.71	123.84	7541
D-317	63808.29	18777.43	124.00	7542
D-317	63801.80	18777.13	125.64	7543
D-317	63801.98	18763.14	125.65	7544
D-318	63952.04	18772.67	152.69	7545
D-318	63951.39	18786.45	152.57	7546
D-318	63862.37	18782.65	137.72	7547
D-318	63811.58	18779.31	123.83	7548
D-318	63811.38	18764.80	123.67	7549
D-318	63861.63	18768.13	137.62	7550
D-319	63808.29	18777.43	124.00	7551
D-319	63808.58	18791.91	123.93	7552
D-319	63801.80	18791.30	125.78	7553
D-319	63801.80	18777.13	125.64	7554
D-320	63954.39	18786.43	153.07	7555
D-320	63953.66	18801.08	152.95	7556
D-320	63862.06	18797.29	137.64	7557
D-320	63811.63	18793.46	123.93	7558
D-320	63811.58	18779.31	123.83	7559
D-320	63862.37	18782.65	137.72	7560

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-321	63808.58	18791.91	123.93	7561
D-321	63809.16	18806.03	123.10	7562
D-321	63801.61	18805.83	125.83	7563
D-321	63801.80	18791.30	125.78	7564
D-322	63955.44	18800.66	153.24	7565
D-322	63955.19	18815.26	153.17	7566
D-322	63861.91	18811.64	137.60	7567
D-322	63811.34	18807.48	123.90	7568
D-322	63811.63	18793.46	123.93	7569
D-322	63862.06	18797.29	137.64	7570
D-323	63801.61	18805.83	125.83	7571
D-323	63809.16	18806.03	123.10	7572
D-323	63809.04	18820.44	123.49	7573
D-323	63801.50	18820.27	125.89	7574
D-324	63953.16	18815.12	152.83	7576
D-324	63861.91	18811.64	137.60	7577
D-324	63811.34	18807.48	123.90	7578
D-324	63811.39	18821.80	123.59	7579
D-324	63863.39	18825.91	137.85	7580
D-324	63952.74	18829.22	152.73	7581
D-325	63809.04	18820.44	123.49	7582
D-325	63801.50	18820.27	125.89	7575
D-325	63808.66	18827.05	124.09	7583
D-325	63802.15	18826.63	125.85	7584
D-326	63945.48	18828.80	151.53	7585
D-326	63945.25	18835.42	151.48	7586
D-326	63855.05	18832.15	135.34	7587
D-326	63810.73	18828.20	122.58	7588
D-326	63811.39	18821.80	123.59	7589
D-326	63863.39	18825.91	137.85	7590
D-327	64079.94	18745.16	158.29	7591
D-327	64001.23	18745.62	156.73	7592
D-327	63953.97	18745.51	153.05	7593
D-327	63953.92	18759.96	153.02	7594
D-327	64002.26	18759.86	156.77	7595
D-327	64079.97	18759.30	158.27	7596
D-327	64111.17	18759.29	156.94	7597
D-327	64110.99	18744.94	156.97	7598

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-328	63951.12	18759.61	152.55	7599
D-328	63951.25	18774.14	152.55	7600
D-328	64002.13	18774.02	156.78	7601
D-328	64079.61	18774.00	158.25	7602
D-328	64079.97	18759.30	158.27	7603
D-328	64002.26	18759.86	156.77	7604
D-329	63948.84	18788.30	152.14	7605
D-329	63948.77	18773.69	152.14	7606
D-329	64081.56	18773.95	158.17	7607
D-329	64082.02	18788.53	158.13	7608
D-330	63952.24	18788.36	152.71	7609
D-330	63952.22	18801.93	152.71	7610
D-330	64082.62	18802.57	158.09	7611
D-330	64082.02	18788.53	158.13	7612
D-331	64082.00	18802.51	158.11	7613
D-331	63951.63	18801.88	152.61	7614
D-331	63951.40	18816.05	152.54	7615
D-331	64081.27	18816.23	158.15	7616
D-332	64079.47	18816.18	158.22	7617
D-332	63951.40	18816.05	152.54	7618
D-332	63950.34	18831.01	152.33	7619
D-332	64078.25	18831.38	158.28	7620
D-333	64077.39	18830.90	158.31	7621
D-333	64078.34	18838.43	158.27	7622
D-333	64015.40	18838.60	157.31	7623
D-333	63941.60	18836.66	150.87	7624
D-333	63941.87	18829.84	150.93	7625
D-334	63808.66	18827.05	124.09	7626
D-334	63808.77	18842.12	124.09	7627
D-334	63802.19	18841.46	125.98	7628
D-334	63802.16	18826.63	125.85	7629
D-335	63810.73	18828.20	122.58	7630
D-335	63812.18	18843.03	124.27	7631
D-335	63882.98	18847.49	141.11	7632
D-335	63956.06	18850.10	153.24	7633
D-335	63956.43	18835.81	153.33	7634
D-335	63863.35	18832.74	137.84	7635
D-335	63855.05	18832.15	135.34	7636

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-336	63808.77	18842.12	124.09	7637
D-336	63808.66	18856.85	124.16	7638
D-336	63801.85	18855.72	126.04	7639
D-336	63802.19	18841.46	125.98	7640
D-337	63955.37	18850.04	153.13	7641
D-337	63954.90	18864.32	153.02	7642
D-337	63883.03	18861.63	141.09	7643
D-337	63811.89	18857.52	124.16	7644
D-337	63812.18	18843.03	124.27	7645
D-337	63882.98	18847.49	141.11	7646
D-338	63808.66	18856.85	124.16	7647
D-338	63809.31	18870.53	122.91	7648
D-338	63801.92	18869.63	126.02	7649
D-338	63801.85	18855.72	126.04	7650
D-339	63953.67	18863.92	152.82	7651
D-339	63952.96	18878.35	152.68	7652
D-339	63883.81	18876.08	141.17	7653
D-339	63811.74	18871.60	123.65	7654
D-339	63811.89	18857.52	124.16	7655
D-339	63883.03	18861.63	141.09	7656
D-340	63809.31	18870.53	122.91	7657
D-340	63809.11	18885.01	123.92	7658
D-340	63801.81	18884.10	125.98	7659
D-340	63801.92	18869.63	126.02	7660
D-341	63952.88	18892.39	152.65	7661
D-341	63883.66	18890.68	141.12	7662
D-341	63811.90	18885.47	124.00	7663
D-341	63811.74	18871.60	123.65	7664
D-341	63883.81	18876.08	141.17	7665
D-341	63953.74	18878.38	152.81	7666
D-342	63809.70	18898.98	122.50	7667
D-342	63809.11	18885.01	123.92	7668
D-342	63801.81	18884.10	125.98	7669
D-342	63801.50	18898.45	125.91	7670

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-343	63952.88	18892.39	152.65	7671
D-343	63883.66	18890.68	141.12	7672
D-343	63880.91	18890.47	140.66	7673
D-343	63811.90	18885.47	124.00	7674
D-343	63812.26	18900.13	124.00	7675
D-343	63883.64	18904.80	141.10	7676
D-343	63952.46	18906.27	152.57	7677
D-344	64078.34	18838.43	158.27	7678
D-344	64078.78	18852.30	158.24	7679
D-344	63954.19	18849.95	152.94	7680
D-344	63954.73	18836.31	153.05	7681
D-344	64015.40	18838.60	157.31	7682
D-345	64078.78	18852.30	158.24	7683
D-345	64077.67	18866.67	158.26	7684
D-345	63952.57	18864.21	152.64	7685
D-345	63953.07	18849.96	152.75	7686
D-346	64077.67	18866.67	158.26	7687
D-346	64076.18	18881.41	158.30	7688
D-346	63951.82	18878.60	152.49	7689
D-346	63952.57	18864.21	152.64	7690
D-347	64076.18	18881.41	158.30	7691
D-347	64074.83	18895.70	158.35	7692
D-347	63952.17	18892.90	152.53	7693
D-347	63951.82	18878.60	152.49	7694
D-348	64077.03	18895.78	158.25	7695
D-348	64076.76	18909.92	158.24	7696
D-348	63951.58	18907.09	152.42	7697
D-348	63952.17	18892.90	152.53	7698
D-349	63809.70	18898.98	122.50	7699
D-349	63809.45	18912.89	123.79	7700
D-349	63802.38	18912.52	125.93	7701
D-349	63801.50	18898.45	125.91	7702
D-350	63812.26	18900.13	124.00	7703
D-350	63812.03	18914.04	123.84	7704
D-350	63883.82	18918.76	141.13	7705
D-350	63952.08	18920.83	152.48	7706
D-350	63952.46	18906.27	152.57	7707
D-350	63883.64	18904.80	141.10	7708

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-351	63809.45	18912.89	123.79	7709
D-351	63809.85	18927.59	123.23	7710
D-351	63802.52	18926.95	125.85	7711
D-351	63802.38	18912.52	125.93	7712
D-352	63812.03	18914.04	123.84	7713
D-352	63811.96	18928.28	123.61	7714
D-352	63882.36	18933.02	140.88	7715
D-352	63954.50	18935.13	152.86	7716
D-352	63954.52	18920.96	152.88	7717
D-352	63883.82	18918.76	141.13	7718
D-353	63809.85	18927.59	123.23	7719
D-353	63809.66	18941.57	123.68	7720
D-353	63802.37	18941.15	125.87	7721
D-353	63802.52	18926.95	125.85	7722
D-354	63811.96	18928.28	123.61	7723
D-354	63812.26	18942.63	123.18	7724
D-354	63880.31	18947.19	140.53	7725
D-354	63954.91	18949.27	152.91	7726
D-354	63954.50	18935.13	152.86	7727
D-354	63882.36	18933.02	140.88	7728
D-355	63950.45	18906.49	152.23	7729
D-355	63949.67	18921.03	152.08	7730
D-355	64005.06	18922.75	156.87	7731
D-355	64075.52	18924.25	158.27	7732
D-355	64075.73	18910.02	158.29	7733
D-355	64005.91	18908.59	156.89	7734
D-356	63952.86	18920.88	152.61	7735
D-356	63952.15	18935.09	152.47	7736
D-356	64004.75	18936.53	156.85	7737
D-356	64076.62	18938.71	158.20	7738
D-356	64076.78	18924.56	158.21	7739
D-356	64005.06	18922.75	156.87	7740
D-357	63952.62	18935.15	152.54	7741
D-357	63952.19	18949.37	152.45	7742
D-357	64003.78	18950.95	156.79	7743
D-357	64077.14	18953.52	158.16	7744
D-357	64077.57	18938.63	158.16	7745
D-357	64004.75	18936.53	156.85	7746

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-358	63809.66	18941.57	123.68	7747
D-358	63810.14	18956.14	122.96	7748
D-358	63802.23	18955.48	125.71	7749
D-358	63802.37	18941.15	125.87	7750
D-359	63812.26	18942.63	123.18	7751
D-359	63812.28	18956.99	122.67	7752
D-359	63894.78	18961.94	142.91	7753
D-359	63901.29	18962.25	143.99	7754
D-359	63954.79	18963.66	152.86	7755
D-359	63954.91	18949.27	152.91	7756
D-359	63880.31	18947.19	140.53	7757
D-360	63810.14	18956.14	122.96	7758
D-360	63809.70	18969.79	123.53	7759
D-360	63802.52	18969.57	125.73	7760
D-360	63802.23	18955.48	125.71	7761
D-361	63812.28	18956.99	122.67	7762
D-361	63812.95	18970.20	123.69	7763
D-361	63892.23	18976.08	142.45	7764
D-361	63953.60	18977.82	152.65	7765
D-361	63953.57	18963.68	152.66	7766
D-361	63901.29	18962.25	143.99	7767
D-362	63809.70	18969.79	123.53	7768
D-362	63809.82	18983.82	123.45	7769
D-362	63802.45	18984.08	125.64	7770
D-362	63802.52	18969.57	125.73	7771
D-363	63812.95	18970.20	123.69	7772
D-363	63812.76	18984.82	123.53	7773
D-363	63889.15	18990.11	141.90	7774
D-363	63954.79	18992.65	152.84	7775
D-363	63955.36	18978.23	152.95	7776
D-363	63892.23	18976.08	142.45	7777
D-364	63953.00	18949.15	152.58	7778
D-364	63952.32	18963.37	152.45	7779
D-364	64077.26	18967.37	158.10	7780
D-364	64077.14	18953.52	158.16	7781
D-364	64003.78	18950.95	156.79	7782
D-365	63951.96	18963.57	152.39	7783
D-365	63952.16	18977.77	152.41	7784
D-365	64079.18	18981.82	157.99	7785
D-365	64079.49	18967.47	158.01	7786

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-366	64081.38	18982.12	157.90	7787
D-366	64081.75	18996.24	157.90	7788
D-366	64011.40	18993.20	157.05	7789
D-366	63954.07	18992.08	152.72	7790
D-366	63954.15	18977.57	152.74	7791
D-366	64010.11	18978.95	157.02	7792
D-367	63802.35	18983.99	125.65	7793
D-367	63801.90	18997.99	125.70	7794
D-367	63809.97	18998.59	123.38	7795
D-367	63809.82	18983.82	123.45	7796
D-368	63812.76	18984.82	123.53	7797
D-368	63813.39	18998.78	123.63	7798
D-368	63896.37	19004.59	143.08	7799
D-368	63955.51	19006.28	152.95	7800
D-368	63956.10	18992.66	153.06	7801
D-368	63889.15	18990.11	141.90	7802
D-369	63809.97	18998.59	123.38	7803
D-369	63810.02	19012.68	123.31	7804
D-369	63802.17	19011.91	125.61	7805
D-369	63801.90	18997.99	125.70	7806
D-370	63885.30	19018.27	141.20	7807
D-370	63953.71	19020.66	152.60	7808
D-370	63953.86	19006.26	152.67	7809
D-370	63896.37	19004.59	143.08	7810
D-370	63813.39	18998.78	123.63	7811
D-370	63813.70	19012.95	123.64	7812
D-371	63802.17	19011.91	125.61	7813
D-371	63801.88	19025.93	125.54	7814
D-371	63810.01	19026.58	123.26	7815
D-371	63810.02	19012.68	123.31	7816
D-372	63813.70	19012.95	123.64	7817
D-372	63813.22	19027.59	123.36	7818
D-372	63881.48	19031.84	140.53	7819
D-372	63953.19	19034.80	152.48	7820
D-372	63953.71	19020.66	152.60	7821
D-372	63810.01	19026.58	123.26	7822
D-372	63810.83	19041.00	121.61	7823
D-372	63801.97	19040.17	125.52	7824
D-372	63801.88	19025.93	125.54	7825

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-374	63813.22	19027.59	123.36	7826
D-374	63812.67	19041.25	122.69	7827
D-374	63880.05	19045.94	140.25	7828
D-374	63956.65	19048.74	153.05	7829
D-374	63956.78	19034.82	153.09	7830
D-374	63881.48	19031.84	140.53	7831
D-375	63954.78	18992.08	152.84	7832
D-375	63954.48	19006.25	152.77	7833
D-375	64003.14	19006.80	156.68	7834
D-375	64076.57	19010.33	158.10	7835
D-375	64077.35	18996.21	158.08	7836
D-375	64003.33	18992.92	156.70	7837
D-376	63952.14	19006.25	152.38	7838
D-376	63951.77	19020.59	152.27	7839
D-376	64002.59	19021.32	156.69	7840
D-376	64079.29	19024.96	157.97	7841
D-376	64080.10	19010.63	157.95	7842
D-376	64003.14	19006.80	156.68	7843
D-377	63952.55	19020.62	152.40	7844
D-377	63952.60	19034.77	152.38	7845
D-377	64002.32	19035.39	156.68	7846
D-377	64076.94	19038.93	158.05	7847
D-377	64079.01	19024.88	157.98	7848
D-377	64002.59	19021.32	156.69	7849
D-378	63955.47	19034.89	152.87	7850
D-378	63955.69	19048.72	152.89	7851
D-378	64001.22	19049.53	156.61	7852
D-378	64076.63	19053.24	158.04	7853
D-378	64076.91	19038.96	158.05	7854
D-378	64002.32	19035.39	156.68	7855
D-379	64201.33	17651.61	124.69	7856
D-379	64201.46	17658.66	124.77	7857
D-379	64187.79	17658.94	124.60	7858
D-379	64187.63	17651.29	124.81	7859
D-380	64201.56	17661.67	125.09	7860
D-380	64203.30	17781.58	143.81	7861
D-380	64188.55	17782.49	145.60	7862
D-380	64188.30	17735.92	139.20	7863
D-380	64187.46	17661.75	125.12	7864

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-381	64201.33	17651.61	124.69	7865
D-381	64201.46	17658.66	124.77	7866
D-381	64215.32	17658.75	124.43	7867
D-381	64215.03	17651.69	124.56	7868
D-382	64214.98	17651.77	124.56	7869
D-382	64215.32	17658.75	124.43	7870
D-382	64229.77	17658.51	124.83	7871
D-382	64229.48	17651.71	124.51	7872
D-383	64203.09	17768.67	142.63	7873
D-383	64216.87	17755.42	139.73	7874
D-383	64215.84	17661.55	124.97	7875
D-383	64201.56	17661.67	125.09	7876
D-384	64230.41	17696.85	127.41	7877
D-384	64216.23	17696.95	127.59	7878
D-384	64216.87	17755.42	139.73	7879
D-384	64230.79	17743.72	136.84	7880
D-385	64244.50	17694.65	127.09	7881
D-385	64230.40	17694.48	127.34	7882
D-385	64230.79	17743.72	136.84	7883
D-385	64244.34	17730.93	130.60	7884
D-386	64244.52	17696.11	127.11	7885
D-386	64244.34	17730.93	130.60	7886
D-386	64258.05	17716.58	127.03	7887
D-386	64258.55	17696.46	126.77	7888
D-387	64258.15	17712.60	126.98	7889
D-387	64258.89	17711.98	126.96	7890
D-387	64273.71	17699.46	126.43	7891
D-387	64273.36	17665.91	124.34	7892
D-387	64266.95	17663.19	123.11	7893
D-387	64258.77	17661.74	123.25	7894
D-388	64229.48	17651.71	124.51	7895
D-388	64229.77	17658.51	124.83	7896
D-388	64243.77	17658.73	124.62	7897
D-388	64243.69	17651.54	124.47	7898
D-389	64215.84	17661.55	124.97	7899
D-389	64215.84	17661.55	124.97	7900
D-389	64216.25	17694.09	127.51	7901
D-389	64230.41	17694.20	127.33	7902

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-390	64230.05	17661.62	124.87	7903
D-390	64244.55	17661.25	124.32	7904
D-390	64244.52	17693.62	127.08	7905
D-390	64230.41	17693.61	127.32	7906
D-391	64258.77	17661.74	123.25	7907
D-391	64258.54	17697.72	126.79	7908
D-391	64244.51	17698.14	127.14	7909
D-391	64244.55	17661.25	124.32	7910
D-392	64243.69	17651.54	124.47	7911
D-392	64243.77	17658.73	124.62	7912
D-392	64257.97	17658.81	124.82	7913
D-392	64257.75	17651.51	124.45	7914
D-393	64230.41	17695.75	127.38	7915
D-393	64230.38	17691.77	127.27	7916
D-393	64244.52	17692.15	127.06	7917
D-393	64244.52	17696.11	127.11	7918
D-394	64216.22	17691.63	127.43	7919
D-394	64216.25	17699.26	127.67	7920
D-394	64230.43	17699.15	127.47	7921
D-394	64230.37	17690.20	127.23	7922
D-395	64287.65	17679.39	123.24	7923
D-395	64287.53	17688.79	125.93	7924
D-395	64273.71	17699.46	126.43	7925
D-395	64273.36	17665.91	124.34	7926
D-395	64273.90	17665.98	124.06	7927
D-395	64278.16	17668.48	124.18	7928
D-395	64281.24	17670.68	123.75	7929
D-395	64281.93	17676.77	124.35	7930
D-395	64285.77	17679.35	123.09	7931
D-396	64294.63	17682.83	124.02	7932
D-396	64290.75	17676.40	122.86	7933
D-396	64322.22	17675.72	125.54	7934
D-396	64322.52	17679.71	126.57	7935
D-396	64330.57	17679.39	124.53	7936
D-396	64331.09	17688.64	125.29	7937
D-396	64298.17	17690.84	124.22	7938
D-397	64257.75	17651.51	124.45	7939
D-397	64257.97	17658.81	124.82	7940
D-397	64271.12	17661.69	124.55	7941
D-397	64272.23	17651.75	124.49	7942

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-398	64271.12	17661.69	124.55	7943
D-398	64276.57	17663.92	123.17	7944
D-398	64284.65	17668.29	124.37	7945
D-398	64286.07	17651.85	124.61	7946
D-398	64272.23	17651.75	124.49	7947
D-399	64295.17	17651.53	124.71	7948
D-399	64295.98	17678.05	125.15	7949
D-399	64291.04	17677.72	123.10	7950
D-399	64291.03	17670.80	124.49	7951
D-399	64287.10	17668.17	123.70	7952
D-399	64284.65	17668.29	124.37	7953
D-399	64286.07	17651.85	124.61	7954
D-400	64295.17	17651.53	124.71	7955
D-400	64296.13	17677.74	125.23	7956
D-400	64310.66	17677.73	126.60	7957
D-400	64309.54	17651.97	124.77	7958
D-401	64322.26	17677.03	125.43	7959
D-401	64322.46	17652.31	125.45	7960
D-401	64309.54	17651.97	124.77	7961
D-401	64310.66	17677.73	126.60	7962
D-402	64295.12	17691.85	123.35	7963
D-402	64287.23	17694.31	126.01	7964
D-402	64284.52	17686.75	126.00	7965
D-402	64285.77	17679.35	123.09	7966
D-402	64289.82	17679.23	123.36	7967
D-402	64293.76	17685.87	123.04	7968
D-403	64325.04	17689.34	125.73	7969
D-403	64298.17	17690.84	124.22	7970
D-403	64299.17	17704.95	123.03	7971
D-403	64325.49	17703.32	126.08	7972
D-404	64299.17	17704.95	123.03	7973
D-404	64325.49	17703.32	126.08	7974
D-404	64326.23	17717.61	125.52	7975
D-404	64298.67	17719.12	123.00	7976
D-405	64326.23	17717.61	125.52	7977
D-405	64298.67	17719.12	123.00	7978
D-405	64298.16	17733.24	123.06	7979
D-405	64326.40	17731.82	125.86	7980

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-406	64326.40	17731.82	125.86	7981
D-406	64326.16	17745.88	126.16	7982
D-406	64298.01	17747.75	123.11	7983
D-406	64298.16	17733.24	123.06	7984
D-407	64326.16	17745.88	126.16	7985
D-407	64327.49	17760.01	126.07	7986
D-407	64297.59	17762.37	123.00	7987
D-407	64298.01	17747.75	123.11	7988
D-408	64296.58	17747.68	122.95	7989
D-408	64296.10	17761.98	122.90	7990
D-408	64243.21	17765.72	137.03	7991
D-408	64199.78	17768.80	142.96	7992
D-408	64218.40	17753.04	139.41	7993
D-408	64235.76	17751.73	137.29	7994
D-409	64260.59	17707.94	126.87	7995
D-409	64281.74	17706.27	126.28	7996
D-409	64283.23	17706.17	126.24	7997
D-409	64297.60	17705.09	122.97	7998
D-409	64295.57	17690.48	122.88	7999
D-409	64281.28	17692.27	126.10	8000
D-409	64269.14	17699.94	126.55	8001
D-410	64284.05	17720.16	126.26	8002
D-410	64283.23	17706.17	126.24	8003
D-410	64260.59	17707.94	126.87	8004
D-410	64250.69	17722.90	127.39	8005
D-411	64297.60	17705.09	122.97	8006
D-411	64281.74	17706.27	126.28	8007
D-411	64282.98	17720.24	126.29	8008
D-411	64297.11	17719.10	122.86	8009
D-412	64297.11	17719.10	122.86	8010
D-412	64296.77	17733.30	122.86	8011
D-412	64236.83	17737.76	133.99	8012
D-412	64246.18	17723.22	128.41	8013
D-413	64296.77	17733.30	122.86	8014
D-413	64236.83	17737.76	133.99	8015
D-413	64218.40	17753.04	139.41	8016
D-413	64296.58	17747.68	122.95	8017

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-414	64327.49	17760.01	126.07	8018
D-414	64328.20	17774.22	126.34	8019
D-414	64296.89	17776.43	122.87	8020
D-414	64297.59	17762.37	123.00	8021
D-415	64328.20	17774.22	126.34	8022
D-415	64328.91	17788.70	126.27	8023
D-415	64296.79	17791.01	122.93	8024
D-415	64296.89	17776.43	122.87	8025
D-416	64328.91	17788.70	126.27	8026
D-416	64329.12	17803.22	126.39	8027
D-416	64296.77	17805.19	122.96	8028
D-416	64296.79	17791.01	122.93	8029
D-417	64329.12	17803.22	126.39	8030
D-417	64329.43	17817.56	126.30	8031
D-417	64296.97	17819.47	122.99	8032
D-417	64296.77	17805.19	122.96	8033
D-418	64321.64	17817.94	127.45	8034
D-418	64321.82	17832.32	127.46	8035
D-418	64297.72	17834.29	123.33	8036
D-418	64296.97	17819.47	122.99	8037
D-419	64329.43	17817.56	126.30	8038
D-419	64329.86	17831.80	126.07	8039
D-419	64319.40	17832.70	127.40	8040
D-419	64318.70	17818.03	127.39	8041
D-420	64199.78	17768.80	142.96	8042
D-420	64185.97	17782.71	145.88	8043
D-420	64203.30	17781.58	143.81	8044
D-420	64295.77	17776.49	122.99	8045
D-420	64296.10	17761.98	122.90	8046
D-420	64243.21	17765.72	137.03	8047
D-421	64203.30	17781.58	143.81	8048
D-421	64226.68	17780.29	140.53	8049
D-421	64227.25	17794.65	140.71	8050
D-421	64214.40	17795.40	142.90	8051
D-421	64170.47	17797.35	149.04	8052
D-421	64181.88	17782.91	146.32	8053

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-422	64296.10	17761.98	122.90	8054
D-422	64295.77	17776.49	122.99	8055
D-422	64245.59	17779.24	137.63	8056
D-422	64225.40	17780.36	140.75	8057
D-422	64226.01	17794.82	140.93	8058
D-422	64246.07	17793.41	137.62	8059
D-422	64295.79	17790.53	123.00	8060
D-423	64295.79	17790.53	123.00	8061
D-423	64296.04	17804.38	122.99	8062
D-423	64236.31	17808.31	139.35	8063
D-423	64215.00	17809.72	142.97	8064
D-423	64214.40	17795.40	142.90	8065
D-423	64246.07	17793.41	137.62	8066
D-424	64214.40	17795.40	142.90	8067
D-424	64165.83	17797.60	149.60	8068
D-424	64152.76	17811.92	152.33	8069
D-424	64215.00	17809.72	142.97	8070
D-424	64215.99	17809.80	142.81	8071
D-424	64215.66	17795.52	142.69	8072
D-425	64238.46	17808.20	138.98	8073
D-425	64239.17	17822.68	138.90	8074
D-425	64203.27	17824.35	144.99	8075
D-425	64181.69	17825.32	148.54	8076
D-425	64131.71	17826.55	155.34	8077
D-425	64141.47	17817.22	153.92	8078
D-425	64151.10	17811.90	152.49	8079
D-425	64215.00	17809.72	142.97	8080
D-426	64296.04	17804.38	122.99	8081
D-426	64295.83	17818.82	123.16	8082
D-426	64247.49	17821.82	137.46	8083
D-426	64237.09	17822.68	139.26	8084
D-426	64236.31	17808.31	139.35	8085
D-427	64295.83	17818.82	123.16	8086
D-427	64295.91	17832.70	123.54	8087
D-427	64248.50	17836.35	137.26	8088
D-427	64204.04	17838.89	144.88	8089
D-427	64203.27	17824.35	144.99	8090
D-427	64247.49	17821.82	137.46	8091

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-428	64128.50	17826.85	155.48	8092
D-428	64128.42	17841.17	155.76	8093
D-428	64177.46	17839.68	149.32	8094
D-428	64206.01	17838.76	144.55	8095
D-428	64205.66	17824.59	144.59	8096
D-428	64181.69	17825.32	148.54	8097
D-429	64295.91	17832.70	123.54	8098
D-429	64296.28	17840.07	123.05	8099
D-429	64219.32	17845.54	142.34	8100
D-429	64219.06	17838.10	142.37	8101
D-429	64248.50	17836.35	137.26	8102
D-430	64219.98	17838.23	142.22	8103
D-430	64220.10	17844.94	142.21	8104
D-430	64177.50	17846.37	149.36	8105
D-430	64177.46	17839.68	149.32	8106
D-430	64204.04	17838.89	144.88	8107
D-431	64297.47	17833.85	123.02	8108
D-431	64297.46	17841.02	123.07	8109
D-431	64332.58	17837.71	125.26	8110
D-431	64332.27	17831.29	125.34	8111
D-432	64129.34	17841.15	155.74	8112
D-432	64129.32	17846.51	155.67	8113
D-432	64178.87	17844.44	149.13	8114
D-432	64178.72	17839.65	149.12	8115
D-433	64329.29	17851.20	126.16	8116
D-433	64329.44	17836.91	126.30	8117
D-433	64297.96	17838.76	124.21	8118
D-433	64297.72	17852.58	123.35	8119
D-434	64297.72	17852.58	123.35	8120
D-434	64298.01	17866.51	123.92	8121
D-434	64329.88	17865.47	125.96	8122
D-434	64329.29	17851.20	126.16	8123
D-435	64329.88	17865.47	125.96	8124
D-435	64329.33	17879.80	126.24	8125
D-435	64297.85	17880.97	123.71	8126
D-435	64298.01	17866.51	123.92	8127
D-436	64297.85	17880.97	123.71	8128
D-436	64297.29	17894.66	123.19	8129
D-436	64328.96	17894.11	126.24	8130
D-436	64329.33	17879.80	126.24	8131

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-437	64316.87	17897.99	127.39	8132
D-437	64297.49	17896.91	123.18	8133
D-437	64297.29	17894.66	123.19	8134
D-437	64316.53	17894.30	127.38	8135
D-438	64296.33	17852.40	123.06	8136
D-438	64149.83	17858.91	154.06	8137
D-438	64149.39	17844.72	154.08	8138
D-438	64296.28	17838.19	123.05	8139
D-439	64151.48	17844.63	153.68	8140
D-439	64151.76	17858.82	153.70	8141
D-439	64128.49	17859.48	155.63	8142
D-439	64128.21	17845.87	155.70	8143
D-440	64163.66	17858.51	151.66	8144
D-440	64164.92	17872.92	151.46	8145
D-440	64296.57	17867.08	123.16	8146
D-440	64296.33	17852.40	123.06	8147
D-441	64166.50	17872.88	151.19	8148
D-441	64165.61	17858.48	151.34	8149
D-441	64128.49	17859.48	155.63	8150
D-441	64128.43	17873.87	155.64	8151
D-442	64178.16	17886.43	149.24	8152
D-442	64177.68	17872.31	149.31	8153
D-442	64296.57	17867.08	123.16	8154
D-442	64296.31	17881.21	123.70	8155
D-443	64166.50	17872.88	151.19	8156
D-443	64128.43	17873.87	155.64	8157
D-443	64129.22	17888.26	155.66	8158
D-443	64179.59	17886.38	149.01	8159
D-443	64179.59	17872.23	149.00	8160
D-444	64296.31	17881.21	123.70	8161
D-444	64296.15	17895.54	124.05	8162
D-444	64263.32	17897.38	132.84	8163
D-444	64192.90	17897.16	146.90	8164
D-444	64191.96	17885.90	146.99	8165
D-445	64129.51	17897.35	155.68	8166
D-445	64193.74	17897.15	146.77	8167
D-445	64193.19	17885.87	146.79	8168
D-445	64129.22	17888.26	155.66	8169

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-446	64316.53	17894.30	127.38	8170
D-446	64316.87	17897.99	127.39	8171
D-446	64328.99	17898.67	126.17	8172
D-446	64328.96	17894.14	126.24	8173
D-447	64296.26	17897.57	123.87	8174
D-447	64296.15	17895.54	124.05	8175
D-447	64263.32	17897.38	132.84	8176
D-448	64237.05	17897.02	139.47	8177
D-448	64237.19	17911.72	139.52	8178
D-448	64296.21	17911.99	124.09	8179
D-448	64296.26	17897.57	123.87	8180
D-448	64263.32	17897.38	132.84	8181
D-449	64297.49	17896.91	123.18	8182
D-449	64297.64	17911.14	123.21	8183
D-449	64328.30	17910.78	126.57	8184
D-449	64332.31	17898.86	125.15	8185
D-450	64239.60	17911.75	139.09	8186
D-450	64239.87	17897.01	138.97	8187
D-450	64129.51	17897.35	155.68	8188
D-450	64127.30	17911.65	155.86	8189
D-451	64297.64	17911.14	123.21	8190
D-451	64328.30	17910.78	126.57	8191
D-451	64328.09	17925.06	127.06	8192
D-451	64297.64	17925.26	123.25	8193
D-452	64296.59	17925.91	123.25	8194
D-452	64192.10	17926.39	147.21	8195
D-452	64192.78	17911.71	146.99	8196
D-452	64296.16	17911.98	124.53	8197
D-453	64126.72	17926.80	155.98	8198
D-453	64193.81	17926.38	146.93	8199
D-453	64194.14	17911.71	146.77	8200
D-453	64127.30	17911.65	155.86	8201
D-454	64328.98	17925.06	126.71	8202
D-454	64327.99	17939.34	127.26	8203
D-454	64297.57	17939.31	123.27	8204
D-454	64297.64	17925.26	123.25	8205

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-455	64327.99	17939.34	127.26	8206
D-455	64327.82	17953.48	127.39	8207
D-455	64297.53	17953.89	123.29	8208
D-455	64297.57	17939.31	123.27	8209
D-456	64330.12	17953.46	126.46	8210
D-456	64329.87	17967.66	126.65	8211
D-456	64297.45	17968.18	123.54	8212
D-456	64297.53	17953.89	123.29	8213
D-457	64329.87	17967.66	126.65	8214
D-457	64328.88	17982.03	127.04	8215
D-457	64297.09	17982.68	123.44	8216
D-457	64297.45	17968.18	123.54	8217
D-458	64296.59	17925.91	123.25	8218
D-458	64296.50	17939.88	123.28	8219
D-458	64150.39	17940.53	154.23	8220
D-458	64150.31	17926.65	154.18	8221
D-459	64152.17	17940.53	153.93	8222
D-459	64152.16	17926.64	153.87	8223
D-459	64126.72	17926.80	155.98	8224
D-459	64127.16	17940.55	155.97	8225
D-460	64296.50	17939.88	123.28	8226
D-460	64296.22	17953.91	123.31	8227
D-460	64164.77	17954.53	151.88	8228
D-460	64164.71	17940.47	151.84	8229
D-461	64167.54	17940.46	151.37	8230
D-461	64167.09	17954.52	151.49	8231
D-461	64126.93	17954.82	155.98	8232
D-461	64127.16	17940.55	155.97	8233
D-462	64295.53	17968.60	124.00	8234
D-462	64296.22	17953.91	123.31	8235
D-462	64149.66	17954.60	154.40	8236
D-462	64149.74	17968.71	154.42	8237
D-463	64127.26	17954.62	155.97	8238
D-463	64127.14	17969.17	155.96	8239
D-463	64152.36	17968.94	153.98	8240
D-463	64152.29	17954.71	153.96	8241

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-464	64295.53	17968.60	124.00	8242
D-464	64295.53	17968.60	124.00	8243
D-464	64166.18	17968.70	151.68	8244
D-464	64165.96	17982.72	151.76	8245
D-464	64295.68	17982.37	123.45	8246
D-465	64168.08	17968.74	151.36	8247
D-465	64168.12	17982.71	151.40	8248
D-465	64125.54	17983.04	156.03	8249
D-465	64126.21	17968.85	156.00	8250
D-466	64072.64	17958.75	158.13	8251
D-466	64057.43	17958.98	158.72	8252
D-466	64057.99	17985.70	158.77	8253
D-466	64073.06	17984.75	158.12	8254
D-467	64072.69	17951.14	158.15	8255
D-467	64086.64	17952.02	157.59	8256
D-467	64087.65	17984.00	157.58	8257
D-467	64073.13	17984.82	158.12	8258
D-468	64100.47	17956.23	157.04	8259
D-468	64086.57	17956.54	157.60	8260
D-468	64087.65	17984.00	157.58	8261
D-468	64101.85	17983.22	157.02	8262
D-469	64115.47	17983.39	156.45	8263
D-469	64114.78	17953.67	156.47	8264
D-469	64100.47	17956.23	157.04	8265
D-469	64101.85	17983.22	157.02	8266
D-470	64128.81	17958.63	155.91	8267
D-470	64129.73	17983.29	155.86	8268
D-470	64115.13	17983.22	156.47	8269
D-470	64115.01	17958.90	156.45	8270
D-471	64297.09	17982.68	123.44	8271
D-471	64297.28	17996.99	123.71	8272
D-471	64321.36	17996.41	128.00	8273
D-471	64321.28	17982.19	127.98	8274
D-472	64320.03	17982.21	127.95	8275
D-472	64320.03	17996.45	127.97	8276
D-472	64328.31	17996.25	126.97	8277
D-472	64328.25	17982.04	127.32	8278

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-473	64320.03	17996.45	127.97	8279
D-473	64325.83	17996.26	127.85	8280
D-473	64326.87	18010.85	127.36	8281
D-473	64319.91	18011.03	127.98	8282
D-474	64320.67	18011.02	128.00	8283
D-474	64321.36	17996.41	128.00	8284
D-474	64297.28	17996.99	123.71	8285
D-474	64297.17	18011.38	123.55	8286
D-475	64297.17	18025.74	123.48	8287
D-475	64297.17	18011.38	123.55	8288
D-475	64323.89	18010.97	128.00	8289
D-475	64321.04	18025.32	128.00	8290
D-476	64326.87	18010.85	127.36	8291
D-476	64327.08	18025.13	127.18	8292
D-476	64319.62	18025.28	127.98	8293
D-476	64319.91	18011.03	127.98	8294
D-477	64327.08	18025.13	127.18	8295
D-477	64328.75	18039.54	126.88	8296
D-477	64297.51	18040.07	123.80	8297
D-477	64297.17	18025.74	123.48	8298
D-478	64182.85	17982.67	148.95	8299
D-478	64182.91	17997.21	148.99	8300
D-478	64294.65	17996.70	125.02	8301
D-478	64295.44	17996.60	123.55	8302
D-478	64295.68	17982.37	123.45	8303
D-479	64294.68	18010.72	125.07	8304
D-479	64294.65	17996.70	125.02	8305
D-479	64150.61	17997.38	154.35	8306
D-479	64151.36	18011.45	154.27	8307
D-480	64294.68	18010.72	125.07	8308
D-480	64295.60	18024.76	123.88	8309
D-480	64152.57	18025.39	154.14	8310
D-480	64152.29	18011.44	154.12	8311
D-481	64151.81	18039.43	154.29	8312
D-481	64152.57	18025.39	154.14	8313
D-481	64295.60	18024.76	123.88	8314
D-481	64295.84	18038.76	123.74	8315

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-482	64184.72	17997.20	148.68	8316
D-482	64184.52	17982.67	148.66	8317
D-482	64057.86	17983.60	158.76	8318
D-482	64059.46	17997.87	158.75	8319
D-483	64091.05	17997.70	157.48	8320
D-483	64090.93	18011.50	157.50	8321
D-483	64059.86	18011.90	158.74	8322
D-483	64059.46	17997.87	158.75	8323
D-484	64151.65	17997.38	154.18	8324
D-484	64088.51	17997.71	157.58	8325
D-484	64088.63	18011.58	157.59	8326
D-484	64152.29	18011.44	154.12	8327
D-485	64153.59	18025.38	153.97	8328
D-485	64153.96	18011.44	153.85	8329
D-485	64059.86	18011.90	158.74	8330
D-485	64059.87	18026.15	158.77	8331
D-486	64153.94	18039.42	153.95	8332
D-486	64153.59	18025.38	153.97	8333
D-486	64059.87	18026.15	158.77	8334
D-486	64061.37	18039.86	158.74	8335
D-487	64297.51	18040.07	123.80	8336
D-487	64297.88	18054.59	124.85	8337
D-487	64326.43	18053.67	127.70	8338
D-487	64326.19	18039.58	127.59	8339
D-488	64297.88	18054.59	124.85	8340
D-488	64297.48	18068.79	124.09	8341
D-488	64315.24	18068.59	127.91	8342
D-488	64315.36	18054.03	127.89	8343
D-489	64313.47	18054.09	127.85	8344
D-489	64313.60	18068.62	127.87	8345
D-489	64326.36	18068.42	127.41	8346
D-489	64326.43	18053.67	127.70	8347
D-490	64328.64	18068.38	126.98	8348
D-490	64329.50	18082.25	126.65	8349
D-490	64297.84	18083.17	124.45	8350
D-490	64297.48	18068.79	124.09	8351

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-491	64325.07	18097.10	127.62	8352
D-491	64324.46	18082.40	127.63	8353
D-491	64297.84	18083.17	124.45	8354
D-491	64298.34	18097.56	124.90	8355
D-492	64325.07	18097.10	127.62	8356
D-492	64298.34	18097.56	124.90	8357
D-492	64298.43	18111.43	125.05	8358
D-492	64327.51	18110.92	127.09	8359
D-492	64327.11	18097.17	127.15	8360
D-493	64323.71	18110.99	127.94	8361
D-493	64324.97	18125.86	127.71	8362
D-493	64297.73	18125.76	124.33	8363
D-493	64298.43	18111.43	125.05	8364
D-494	64324.26	18125.86	127.86	8365
D-494	64324.99	18139.41	127.89	8366
D-494	64297.48	18139.99	124.19	8367
D-494	64297.73	18125.76	124.33	8368
D-495	64295.84	18038.76	123.74	8369
D-495	64295.93	18053.28	123.82	8370
D-495	64223.83	18053.58	142.33	8371
D-495	64151.72	18053.88	154.35	8372
D-495	64152.01	18039.43	154.26	8373
D-496	64151.72	18053.88	154.35	8374
D-496	64151.48	18068.06	154.42	8375
D-496	64220.38	18068.80	142.96	8376
D-496	64296.12	18067.18	123.63	8377
D-496	64295.93	18053.28	123.82	8378
D-497	64151.48	18068.06	154.42	8379
D-497	64151.62	18082.41	154.43	8380
D-497	64227.21	18082.71	141.86	8381
D-497	64296.30	18081.36	123.67	8382
D-497	64296.12	18067.18	123.63	8383
D-497	64229.72	18068.53	141.40	8384
D-498	64152.19	18082.37	154.34	8385
D-498	64152.12	18090.44	154.38	8386
D-498	64239.60	18090.54	139.81	8387
D-498	64296.45	18089.15	123.67	8388
D-498	64296.30	18081.36	123.67	8389
D-498	64227.21	18082.71	141.86	8390

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-499	64152.59	18090.44	154.30	8391
D-499	64152.90	18104.56	154.30	8392
D-499	64236.64	18104.20	140.33	8393
D-499	64296.30	18102.95	124.51	8394
D-499	64296.45	18089.15	123.67	8395
D-499	64239.60	18090.54	139.81	8396
D-500	64152.46	18104.56	154.37	8397
D-500	64152.35	18118.88	154.41	8398
D-500	64235.64	18118.37	140.55	8399
D-500	64296.35	18117.03	123.76	8400
D-500	64296.30	18102.95	124.51	8401
D-500	64236.64	18104.20	140.33	8402
D-501	64151.39	18118.88	154.56	8403
D-501	64151.85	18133.12	154.53	8404
D-501	64243.39	18132.51	139.29	8405
D-501	64296.03	18131.44	123.94	8406
D-501	64296.35	18117.03	123.76	8407
D-501	64251.11	18118.08	137.95	8408
D-502	64153.26	18039.42	154.07	8409
D-502	64153.14	18053.90	154.12	8410
D-502	64060.49	18054.35	158.80	8411
D-502	64061.37	18039.86	158.74	8412
D-503	64061.15	18068.57	158.73	8413
D-503	64060.49	18054.35	158.80	8414
D-503	64126.81	18054.02	156.05	8415
D-503	64127.02	18068.22	156.07	8416
D-504	64154.20	18053.87	153.94	8417
D-504	64154.25	18068.09	153.96	8418
D-504	64125.17	18068.23	156.14	8419
D-504	64125.52	18054.03	156.10	8420
D-505	64154.11	18073.63	154.00	8421
D-505	64153.67	18068.09	154.06	8422
D-505	64061.15	18068.57	158.73	8423
D-505	64060.67	18073.83	158.74	8424
D-506	64060.67	18073.83	158.74	8425
D-506	64060.73	18088.25	158.76	8426
D-506	64154.94	18087.75	153.90	8427
D-506	64154.11	18073.63	154.00	8428

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-507	64061.48	18088.17	158.73	8429
D-507	64060.96	18102.74	158.81	8430
D-507	64124.94	18102.21	156.20	8431
D-507	64124.89	18087.91	156.19	8432
D-508	64154.56	18101.97	154.02	8433
D-508	64154.94	18087.75	153.90	8434
D-508	64123.65	18087.92	156.24	8435
D-508	64123.64	18102.23	156.25	8436
D-509	64154.56	18101.97	154.02	8437
D-509	64154.22	18116.30	154.10	8438
D-509	64061.19	18116.59	158.80	8439
D-509	64060.96	18102.74	158.81	8440
D-510	64153.69	18130.50	154.22	8441
D-510	64154.22	18116.30	154.10	8442
D-510	64087.22	18116.52	157.72	8443
D-510	64087.30	18130.56	157.73	8444
D-511	64061.19	18116.59	158.80	8445
D-511	64060.45	18131.16	158.85	8446
D-511	64069.98	18130.60	158.45	8447
D-511	64070.12	18116.56	158.41	8448
D-512	64076.72	18130.58	158.16	8449
D-512	64076.44	18116.54	158.14	8450
D-512	64068.27	18116.57	158.49	8451
D-512	64068.76	18130.60	158.50	8452
D-513	64089.83	18116.50	157.62	8453
D-513	64090.48	18130.56	157.60	8454
D-513	64073.38	18130.59	158.30	8455
D-513	64074.51	18116.55	158.23	8456
D-514	64063.94	18130.61	158.70	8457
D-514	64065.49	18144.93	158.66	8458
D-514	64124.69	18144.17	156.23	8459
D-514	64124.30	18130.49	156.25	8460
D-515	64297.54	18154.28	124.54	8461
D-515	64325.65	18154.36	127.74	8462
D-515	64324.99	18139.41	127.89	8463
D-515	64297.48	18139.99	124.19	8464

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-516	64297.98	18168.39	125.28	8465
D-516	64324.96	18168.15	127.85	8466
D-516	64325.65	18154.36	127.74	8467
D-516	64297.54	18154.28	124.54	8468
D-517	64324.20	18182.80	127.95	8469
D-517	64324.96	18168.15	127.85	8470
D-517	64297.98	18168.39	125.28	8471
D-517	64297.96	18182.38	125.33	8472
D-518	64324.02	18189.91	128.02	8473
D-518	64324.20	18182.80	127.95	8474
D-518	64297.96	18182.38	125.33	8475
D-518	64298.01	18189.64	125.36	8476
D-519	64295.73	18160.14	123.90	8477
D-519	64242.56	18161.60	139.53	8478
D-519	64141.02	18161.80	155.57	8479
D-519	64141.25	18146.82	155.56	8480
D-519	64242.59	18147.10	139.48	8481
D-519	64295.97	18145.69	123.85	8482
D-521	64153.66	18132.84	154.23	8483
D-521	64153.05	18146.86	154.39	8484
D-521	64122.65	18146.17	156.31	8485
D-521	64122.76	18131.78	156.31	8486
D-522	64295.73	18160.14	123.90	8487
D-522	64295.49	18174.74	123.92	8488
D-522	64243.41	18175.54	139.43	8489
D-522	64171.45	18176.56	151.42	8490
D-522	64171.72	18161.95	151.34	8491
D-522	64242.56	18161.60	139.53	8492
D-523	64142.53	18147.37	155.50	8493
D-523	64065.00	18147.18	158.68	8494
D-523	64064.92	18161.61	158.68	8495
D-523	64142.45	18161.80	155.51	8496
D-524	64174.43	18161.84	150.89	8497
D-524	64174.13	18176.06	150.98	8498
D-524	64093.43	18175.82	157.50	8499
D-524	64093.87	18161.68	157.47	8500

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-525	64295.53	18174.50	123.92	8501
D-525	64295.72	18189.06	123.91	8502
D-525	64255.00	18189.60	137.32	8503
D-525	64209.63	18190.09	145.10	8504
D-525	64141.63	18189.56	155.57	8505
D-525	64142.03	18175.96	155.54	8506
D-525	64208.98	18175.71	145.17	8507
D-525	64254.47	18175.16	137.40	8508
D-526	64064.92	18161.61	158.68	8509
D-526	64064.55	18176.01	158.68	8510
D-526	64097.00	18175.80	157.36	8511
D-526	64097.01	18161.69	157.35	8512
D-527	64107.59	18189.55	156.96	8513
D-527	64107.85	18175.73	156.93	8514
D-527	64064.55	18176.01	158.68	8515
D-527	64065.06	18189.63	158.68	8516
D-528	64143.08	18175.97	155.49	8517
D-528	64143.12	18189.45	155.51	8518
D-528	64104.86	18189.59	157.07	8519
D-528	64105.15	18175.71	157.04	8520
D-529	64100.39	18175.70	157.23	8521
D-529	64100.45	18189.59	157.24	8522
D-529	64107.59	18189.55	156.96	8523
D-529	64107.85	18175.73	156.93	8524
D-530	64324.02	18189.91	128.02	8525
D-530	64323.98	18202.79	128.02	8526
D-530	64297.21	18203.36	124.09	8527
D-530	64298.01	18189.64	125.36	8528
D-531	64324.45	18202.79	127.92	8529
D-531	64324.98	18217.00	128.04	8530
D-531	64311.50	18217.22	128.34	8531
D-531	64311.52	18203.05	128.34	8532
D-532	64313.77	18217.18	128.39	8533
D-532	64297.52	18217.45	124.53	8534
D-532	64297.21	18203.36	124.09	8535
D-532	64313.37	18203.03	128.38	8536

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-533	64324.30	18217.00	128.18	8537
D-533	64324.45	18231.55	128.32	8538
D-533	64297.55	18232.02	124.43	8539
D-533	64297.52	18217.45	124.53	8540
D-534	64324.99	18245.22	128.25	8541
D-534	64324.45	18231.55	128.32	8542
D-534	64297.55	18232.02	124.43	8543
D-534	64297.76	18245.58	124.43	8544
D-535	64324.99	18245.22	128.25	8545
D-535	64325.45	18259.76	128.11	8546
D-535	64297.75	18259.72	124.23	8547
D-535	64297.75	18245.58	124.42	8548
D-536	64295.72	18189.06	123.91	8549
D-536	64294.43	18202.30	125.61	8550
D-536	64242.94	18203.75	139.59	8551
D-536	64140.98	18204.09	155.61	8552
D-536	64141.04	18189.64	155.59	8553
D-536	64243.16	18189.54	139.52	8554
D-537	64294.43	18202.30	125.61	8555
D-537	64294.78	18216.02	125.58	8556
D-537	64243.81	18217.83	139.49	8557
D-537	64140.66	18218.35	155.63	8558
D-537	64141.18	18204.13	155.61	8559
D-537	64242.94	18203.75	139.59	8560
D-538	64294.78	18216.02	125.58	8561
D-538	64295.04	18230.28	125.58	8562
D-538	64242.14	18232.59	139.80	8563
D-538	64140.96	18232.68	155.63	8564
D-538	64140.66	18218.35	155.63	8565
D-538	64243.81	18217.83	139.49	8566
D-539	64295.04	18230.28	125.58	8567
D-539	64294.93	18244.22	125.67	8568
D-539	64243.55	18246.29	139.60	8569
D-539	64140.96	18247.03	155.63	8570
D-539	64140.96	18232.68	155.63	8571
D-539	64242.14	18232.59	139.80	8572

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-540	64294.93	18244.22	125.67	8573
D-540	64295.54	18257.89	124.90	8574
D-540	64244.18	18260.60	139.54	8575
D-540	64141.17	18260.84	155.64	8576
D-540	64140.96	18247.03	155.63	8577
D-540	64243.55	18246.29	139.60	8578
D-541	64143.12	18189.45	155.51	8579
D-541	64142.97	18203.75	155.53	8580
D-541	64096.69	18203.99	157.43	8581
D-541	64096.34	18189.55	157.40	8582
D-542	64097.78	18203.99	157.38	8583
D-542	64097.89	18189.54	157.34	8584
D-542	64064.19	18189.73	158.72	8585
D-542	64063.96	18204.16	158.78	8586
D-543	64142.97	18203.75	155.53	8587
D-543	64142.59	18218.18	155.56	8588
D-543	64064.08	18218.74	158.75	8589
D-543	64063.96	18204.16	158.78	8590
D-544	64098.15	18218.47	157.38	8591
D-544	64097.35	18232.99	157.42	8592
D-544	64063.89	18233.49	158.79	8593
D-544	64064.08	18218.74	158.75	8594
D-545	64096.38	18233.00	157.46	8595
D-545	64096.99	18218.48	157.43	8596
D-545	64142.59	18218.18	155.56	8597
D-545	64143.23	18232.30	155.53	8598
D-546	64063.89	18233.49	158.79	8599
D-546	64064.23	18246.99	158.80	8600
D-546	64142.59	18247.01	155.57	8601
D-546	64143.23	18232.30	155.53	8602
D-547	64099.63	18246.87	157.33	8603
D-547	64099.86	18260.45	157.33	8604
D-547	64066.41	18260.89	158.72	8605
D-547	64066.36	18246.99	158.71	8606
D-548	64099.07	18260.67	157.36	8607
D-548	64099.02	18246.88	157.36	8608
D-548	64142.73	18247.01	155.56	8609
D-548	64143.12	18260.84	155.56	8610

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-549	64325.45	18259.76	128.11	8611
D-549	64325.97	18273.99	127.93	8612
D-549	64297.45	18273.98	124.12	8613
D-549	64297.75	18259.72	124.23	8614
D-550	64325.97	18273.99	127.93	8615
D-550	64326.22	18288.22	127.89	8616
D-550	64297.60	18288.41	124.15	8617
D-550	64297.41	18273.98	124.12	8618
D-551	64326.22	18288.22	127.89	8619
D-551	64325.35	18302.75	128.22	8620
D-551	64297.43	18302.75	124.18	8621
D-551	64297.60	18288.41	124.15	8622
D-552	64295.72	18249.51	124.39	8623
D-552	64295.82	18263.88	124.51	8624
D-552	64236.61	18265.92	140.82	8625
D-552	64203.94	18266.52	146.27	8626
D-552	64142.32	18267.82	155.60	8627
D-552	64141.95	18253.78	155.60	8628
D-552	64203.47	18252.16	146.31	8629
D-552	64235.35	18251.34	140.99	8630
D-553	64142.32	18267.82	155.60	8631
D-553	64203.94	18266.52	146.27	8632
D-553	64296.20	18263.22	124.12	8633
D-553	64295.92	18277.50	125.05	8634
D-553	64205.08	18280.80	146.13	8635
D-553	64142.64	18281.52	155.60	8636
D-554	64205.08	18280.80	146.13	8637
D-554	64295.92	18277.50	125.05	8638
D-554	64296.28	18291.85	124.21	8639
D-554	64227.01	18294.84	142.50	8640
D-554	64141.88	18295.68	155.63	8641
D-554	64141.79	18281.52	155.63	8642
D-555	64227.01	18294.84	142.50	8643
D-555	64141.72	18295.67	155.64	8644
D-555	64142.06	18309.91	155.64	8645
D-555	64189.53	18309.43	148.80	8646
D-555	64296.06	18306.50	125.08	8647
D-555	64296.28	18291.85	124.21	8648

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-556	64144.95	18259.49	155.49	8649
D-556	64145.23	18268.54	155.48	8650
D-556	64067.73	18267.96	158.66	8651
D-556	64067.73	18259.78	158.66	8652
D-557	64144.60	18267.51	155.51	8653
D-557	64144.53	18282.05	155.52	8654
D-557	64070.24	18281.97	158.57	8655
D-557	64068.88	18267.17	158.62	8656
D-558	64070.24	18281.97	158.57	8657
D-558	64070.73	18295.74	158.57	8658
D-558	64143.59	18296.01	155.56	8659
D-558	64143.57	18281.85	155.56	8660
D-559	64143.59	18296.01	155.56	8661
D-559	64144.06	18310.33	155.55	8662
D-559	64068.39	18309.62	158.69	8663
D-559	64068.58	18295.10	158.66	8664
D-560	64324.75	18302.75	128.43	8665
D-560	64324.75	18317.34	128.47	8666
D-560	64297.71	18316.69	124.21	8667
D-560	64297.43	18302.74	124.18	8668
D-561	64297.71	18316.69	124.21	8669
D-561	64297.81	18331.04	124.25	8670
D-561	64325.62	18331.46	128.28	8671
D-561	64324.75	18317.34	128.47	8672
D-562	64296.06	18306.50	125.08	8673
D-562	64296.42	18320.99	124.60	8674
D-562	64189.82	18324.08	148.79	8675
D-562	64142.06	18324.12	155.65	8676
D-562	64142.16	18309.38	155.63	8677
D-562	64189.53	18309.43	148.80	8678
D-563	64296.48	18320.70	124.46	8679
D-563	64296.55	18335.04	124.56	8680
D-563	64204.05	18337.89	146.44	8681
D-563	64141.97	18337.73	155.66	8682
D-563	64142.06	18323.51	155.65	8683
D-563	64202.92	18323.60	146.59	8684
D-564	64143.63	18309.98	155.57	8685
D-564	64143.33	18324.34	155.60	8686
D-564	64068.92	18323.65	158.66	8687
D-564	64068.39	18309.62	158.69	8688

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-565	64068.92	18323.65	158.66	8689
D-565	64068.34	18338.17	158.69	8690
D-565	64143.25	18338.23	155.60	8691
D-565	64143.33	18324.34	155.60	8692
D-566	64326.99	18331.48	127.87	8693
D-566	64326.81	18346.08	128.03	8694
D-566	64314.24	18331.29	128.30	5968
D-566	64314.25	18345.61	128.10	5969
D-567	64314.25	18345.61	128.10	5971
D-567	64314.24	18331.29	128.30	5970
D-567	64298.02	18345.03	124.32	8695
D-567	64297.81	18331.04	124.25	8696
D-568	64326.69	18346.06	128.07	8697
D-568	64326.34	18359.89	128.23	8698
D-568	64298.50	18359.42	124.98	8699
D-568	64298.02	18345.03	124.32	8700
D-569	64326.34	18359.89	128.23	8701
D-569	64325.91	18374.47	128.09	8702
D-569	64298.26	18373.89	124.38	8703
D-569	64298.50	18359.42	124.98	8704
D-570	64142.58	18351.94	155.63	8705
D-570	64141.97	18337.73	155.66	8706
D-570	64213.97	18337.71	144.80	8707
D-570	64296.48	18334.97	124.69	8708
D-570	64296.69	18349.15	124.58	8709
D-570	64215.16	18351.94	144.64	8710
D-571	64296.69	18349.15	124.58	8711
D-571	64296.71	18363.16	124.82	8712
D-571	64216.18	18366.13	144.49	8713
D-571	64142.91	18366.34	155.64	8714
D-571	64142.58	18351.94	155.63	8715
D-571	64215.16	18351.94	144.64	8716
D-572	64296.71	18363.16	124.82	8717
D-572	64296.85	18377.53	124.85	8718
D-572	64216.48	18380.42	144.47	8719
D-572	64142.95	18380.82	155.66	8720
D-572	64142.91	18366.26	155.64	8721
D-572	64216.18	18366.13	144.49	8722

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-573	64143.53	18338.23	155.59	8723
D-573	64143.65	18352.43	155.58	8724
D-573	64073.13	18351.89	158.49	8725
D-573	64071.39	18338.18	158.57	8726
D-574	64143.65	18352.43	155.58	8727
D-574	64144.70	18366.48	155.56	8728
D-574	64073.31	18366.32	158.52	8729
D-574	64073.13	18351.89	158.49	8730
D-575	64073.31	18366.32	158.52	8731
D-575	64072.84	18380.66	158.57	8732
D-575	64085.39	18380.83	158.04	8733
D-575	64085.82	18366.22	158.00	8734
D-576	64144.70	18366.48	155.56	8735
D-576	64143.97	18380.84	155.62	8736
D-576	64085.39	18380.69	158.04	8737
D-576	64085.82	18366.22	158.00	8738
D-577	64325.91	18374.47	128.09	8739
D-577	64325.30	18388.00	128.22	8740
D-577	64298.28	18387.65	124.38	8741
D-577	64298.26	18373.89	124.38	8742
D-578	64298.28	18387.65	124.38	8743
D-578	64325.30	18388.00	128.22	8744
D-578	64325.30	18393.12	128.25	8745
D-578	64298.23	18393.60	124.38	8746
D-579	64325.30	18393.12	128.25	8747
D-579	64325.79	18407.30	128.14	8748
D-579	64298.69	18407.76	124.95	8749
D-579	64298.23	18393.60	124.38	8750
D-580	64325.96	18421.51	127.99	8751
D-580	64298.93	18421.72	125.29	8752
D-580	64298.69	18407.78	124.96	8753
D-580	64325.79	18407.30	128.14	8754
D-581	64073.39	18380.41	158.54	8755
D-581	64073.48	18394.50	158.55	8756
D-581	64172.22	18394.62	151.88	8757
D-581	64172.38	18380.29	151.83	8758

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-582	64296.85	18377.53	124.85	8759
D-582	64297.25	18391.24	124.43	8760
D-582	64242.86	18393.33	140.14	8761
D-582	64170.22	18394.61	152.22	8762
D-582	64170.37	18380.67	152.17	8763
D-582	64216.48	18380.42	144.47	8764
D-583	64073.48	18394.50	158.55	8765
D-583	64074.21	18408.83	158.53	8766
D-583	64101.82	18408.68	157.42	8767
D-583	64101.77	18394.16	157.39	8768
D-584	64142.25	18394.58	155.71	8769
D-584	64141.98	18409.08	155.73	8770
D-584	64244.64	18407.61	139.87	8771
D-584	64297.45	18405.91	124.44	8772
D-584	64297.25	18391.24	124.43	8773
D-584	64242.86	18393.33	140.14	8774
D-585	64099.70	18394.31	157.48	8775
D-585	64099.96	18408.94	157.49	8776
D-585	64144.38	18408.84	155.63	8777
D-585	64144.90	18394.23	155.60	8778
D-586	64325.93	18435.67	127.98	8779
D-586	64298.91	18435.67	125.01	8780
D-586	64298.76	18421.72	124.99	8781
D-586	64326.23	18421.48	127.95	8782
D-587	64141.92	18408.63	155.74	8783
D-587	64244.64	18407.61	139.87	8784
D-587	64297.07	18405.38	124.71	8785
D-587	64297.54	18412.37	124.45	8786
D-587	64236.22	18416.66	141.31	8787
D-587	64141.88	18418.68	155.73	8788
D-588	64095.51	18408.88	157.67	8789
D-588	64095.59	18415.39	157.66	8790
D-588	64143.63	18415.14	155.66	8791
D-588	64143.74	18408.75	155.66	8792
D-589	64096.97	18408.41	157.61	8793
D-589	64097.18	18414.37	157.60	8794
D-589	64075.51	18414.20	158.47	8795
D-589	64075.44	18408.44	158.48	8796

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-590	64297.16	18409.68	124.64	8797
D-590	64297.19	18424.17	125.08	8798
D-590	64238.63	18426.96	140.94	8799
D-590	64186.54	18428.76	149.62	8800
D-590	64186.33	18413.94	149.59	8801
D-591	64187.71	18414.04	149.36	8802
D-591	64188.21	18428.58	149.34	8803
D-591	64074.33	18428.57	158.52	8804
D-591	64074.73	18414.17	158.50	8805
D-592	64312.76	18435.63	128.35	8806
D-592	64312.65	18449.94	128.34	8807
D-592	64299.11	18450.48	124.98	8808
D-592	64299.01	18435.63	125.18	8809
D-593	64310.90	18435.63	128.31	8810
D-593	64310.90	18450.16	128.30	8811
D-593	64326.29	18449.63	127.91	8812
D-593	64325.93	18435.67	127.98	8813
D-594	64299.04	18450.52	124.87	8814
D-594	64298.97	18464.32	124.50	8815
D-594	64325.35	18464.10	128.07	8816
D-594	64325.00	18449.67	128.10	8817
D-595	64326.84	18464.09	127.85	8818
D-595	64298.97	18464.32	124.50	8819
D-595	64299.19	18478.41	124.44	8820
D-595	64325.97	18478.41	127.98	8821
D-595	64326.96	18478.35	127.82	8822
D-596	64297.49	18437.87	124.53	8823
D-596	64297.19	18424.17	125.08	8824
D-596	64217.93	18427.35	144.38	8825
D-596	64142.61	18428.74	155.69	8826
D-596	64142.79	18443.57	155.69	8827
D-596	64219.07	18441.83	144.23	8828
D-597	64297.36	18452.23	124.87	8829
D-597	64297.49	18437.87	124.53	8830
D-597	64234.46	18440.84	141.67	8831
D-597	64219.07	18441.83	144.23	8832
D-597	64146.24	18443.09	155.55	8833
D-597	64146.81	18457.75	155.54	8834
D-597	64235.06	18455.57	141.61	8835

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-598	64296.77	18466.61	125.99	8836
D-598	64297.36	18452.23	124.87	8837
D-598	64246.76	18454.57	139.66	8838
D-598	64235.06	18455.57	141.61	8839
D-598	64143.29	18457.30	155.68	8840
D-598	64143.26	18471.96	155.69	8841
D-598	64232.20	18469.72	142.15	8842
D-599	64296.77	18466.61	125.99	8843
D-599	64296.63	18480.68	126.05	8844
D-599	64232.62	18483.93	142.12	8845
D-599	64139.98	18486.55	155.84	8846
D-599	64139.72	18472.25	155.85	8847
D-599	64232.20	18469.72	142.15	8848
D-600	64143.34	18443.61	155.67	8849
D-600	64143.24	18428.71	155.67	8850
D-600	64076.85	18428.08	158.41	8851
D-600	64076.71	18442.91	158.45	8852
D-601	64148.36	18457.80	155.47	8853
D-601	64147.60	18443.15	155.49	8854
D-601	64076.86	18442.16	158.44	8855
D-601	64075.95	18457.32	158.51	8856
D-602	64075.17	18456.52	158.54	8857
D-602	64074.94	18471.28	158.56	8858
D-602	64089.57	18471.51	157.96	8859
D-602	64089.80	18456.64	157.94	8860
D-603	64145.79	18472.62	155.59	8861
D-603	64145.85	18457.32	155.58	8862
D-603	64087.92	18456.70	158.02	8863
D-603	64087.79	18470.99	158.03	8864
D-604	64140.87	18472.28	155.80	8865
D-604	64140.97	18486.38	155.80	8866
D-604	64112.03	18485.89	157.04	8867
D-604	64072.35	18484.95	158.67	8868
D-604	64072.06	18470.30	158.67	8869
D-604	64112.27	18471.54	157.03	8870
D-605	64325.97	18478.43	127.98	8871
D-605	64326.88	18492.83	127.81	8872
D-605	64300.03	18492.71	125.72	8873
D-605	64299.19	18478.41	124.44	8874

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-606	64326.88	18492.83	127.81	8875
D-606	64327.62	18507.05	127.54	8876
D-606	64299.90	18507.03	124.65	8877
D-606	64300.02	18492.63	125.72	8878
D-607	64326.54	18507.18	127.77	8879
D-607	64326.57	18521.42	127.63	8880
D-607	64300.27	18521.35	126.10	8881
D-607	64299.90	18507.03	124.65	8882
D-608	64325.56	18521.51	127.82	8883
D-608	64325.50	18527.12	127.76	8884
D-608	64300.38	18527.05	126.14	8885
D-608	64300.27	18521.35	126.10	8886
D-609	64325.50	18527.12	127.76	8887
D-609	64326.35	18540.49	127.61	8888
D-609	64299.87	18540.71	124.58	8889
D-609	64300.38	18527.05	126.14	8890
D-610	64326.35	18540.49	127.61	8891
D-610	64327.13	18554.97	127.46	8892
D-610	64299.94	18555.17	124.66	8893
D-610	64299.87	18540.71	124.58	8894
D-611	64226.02	18498.25	143.27	8895
D-611	64296.94	18494.91	126.04	8896
D-611	64296.63	18480.68	126.05	8897
D-611	64232.62	18483.93	142.12	8898
D-611	64142.77	18486.45	155.72	8899
D-611	64142.98	18500.36	155.74	8900
D-612	64296.94	18494.91	126.04	8901
D-612	64297.39	18509.12	124.79	8902
D-612	64226.39	18512.71	143.24	8903
D-612	64143.43	18514.82	155.73	8904
D-612	64142.98	18500.36	155.74	8905
D-612	64226.02	18498.25	143.27	8906
D-613	64104.11	18485.50	157.38	8907
D-613	64103.73	18499.86	157.41	8908
D-613	64072.51	18499.20	158.67	8909
D-613	64072.35	18484.95	158.67	8910

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-614	64297.39	18509.12	124.79	8911
D-614	64297.58	18523.02	124.54	8912
D-614	64228.92	18526.72	142.85	8913
D-614	64143.91	18528.94	155.70	8914
D-614	64143.43	18514.82	155.73	8915
D-614	64226.39	18512.71	143.24	8916
D-615	64297.02	18537.68	126.18	8917
D-615	64297.58	18523.02	124.54	8918
D-615	64232.00	18526.59	142.33	8919
D-615	64143.12	18529.11	155.73	8920
D-615	64143.04	18543.47	155.75	8921
D-615	64204.12	18541.23	147.02	8922
D-615	64233.32	18540.59	142.13	8923
D-616	64297.02	18537.68	126.18	8924
D-616	64297.60	18551.43	125.19	8925
D-616	64294.89	18551.85	127.10	8926
D-616	64236.89	18554.93	141.57	8927
D-616	64205.59	18555.75	146.80	8928
D-616	64144.41	18557.78	155.72	8929
D-616	64144.77	18543.40	155.68	8930
D-616	64204.12	18541.23	147.02	8931
D-616	64233.32	18540.59	142.13	8932
D-617	64144.06	18500.30	155.70	8933
D-617	64144.14	18486.13	155.66	8934
D-617	64102.22	18485.46	157.46	8935
D-617	64101.59	18499.36	157.50	8936
D-618	64101.59	18499.36	157.50	8937
D-618	64145.23	18500.67	155.65	8938
D-618	64144.62	18514.75	155.68	8939
D-618	64117.65	18514.14	156.81	8940
D-618	64072.15	18513.42	158.72	8941
D-618	64072.51	18499.20	158.67	8942
D-619	64101.93	18513.86	157.48	8943
D-619	64101.61	18528.11	157.49	8944
D-619	64117.36	18528.48	156.82	8945
D-619	64144.69	18528.97	155.67	8946
D-619	64144.62	18514.75	155.68	8947
D-620	64103.60	18513.67	157.41	8948
D-620	64103.53	18528.30	157.41	8949
D-620	64072.15	18527.07	158.74	8950
D-620	64072.45	18513.33	158.71	8951

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-621	64145.79	18528.78	155.62	8952
D-621	64146.40	18543.74	155.61	8953
D-621	64096.00	18543.13	157.74	8954
D-621	64072.03	18542.10	158.75	8955
D-621	64073.47	18527.14	158.68	8956
D-621	64098.46	18527.75	157.62	8957
D-622	64094.26	18542.37	157.81	8958
D-622	64094.06	18549.87	157.83	8959
D-622	64147.01	18550.94	155.60	8960
D-622	64146.72	18543.07	155.60	8961
D-622	64123.27	18542.64	156.57	8962
D-623	64097.23	18542.73	157.69	8963
D-623	64097.04	18549.70	157.71	8964
D-623	64071.03	18548.49	158.80	8965
D-623	64070.99	18541.53	158.80	8966
D-624	64259.44	18559.74	137.84	8967
D-624	64204.46	18561.17	147.01	8968
D-624	64138.70	18562.95	155.95	8969
D-624	64138.25	18548.70	155.95	8970
D-624	64202.95	18547.13	147.23	8971
D-624	64260.21	18545.69	137.66	8972
D-624	64297.67	18545.22	124.69	8973
D-624	64297.99	18559.08	124.70	8974
D-625	64139.86	18549.01	155.89	8975
D-625	64140.04	18548.94	155.88	8976
D-625	64139.89	18562.80	155.90	8977
D-625	64101.83	18563.41	157.53	8978
D-625	64070.25	18563.36	158.83	8979
D-625	64069.78	18549.19	158.85	8980
D-625	64099.54	18548.71	157.61	8981
D-626	64074.58	18563.15	158.63	8982
D-626	64101.83	18563.41	157.53	8983
D-626	64151.69	18562.49	155.43	8984
D-626	64152.08	18577.03	155.43	8985
D-626	64104.37	18576.94	157.43	8986
D-626	64075.32	18577.20	158.59	8987

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-627	64204.46	18561.17	147.01	8988
D-627	64149.53	18562.42	155.52	8989
D-627	64149.88	18576.87	155.52	8990
D-627	64217.02	18574.78	144.96	8991
D-627	64297.83	18573.14	125.30	8992
D-627	64297.99	18559.08	124.70	8993
D-627	64259.44	18559.74	137.84	8994
D-628	64299.94	18555.17	124.66	8995
D-628	64300.37	18569.60	125.73	8996
D-628	64324.28	18569.29	128.03	8997
D-628	64324.25	18554.99	127.97	8998
D-629	64300.37	18569.60	125.73	8999
D-629	64300.49	18584.18	125.70	9000
D-629	64326.50	18569.44	127.68	9001
D-629	64324.28	18569.29	128.03	9002
D-629	64327.02	18583.21	127.64	9003
D-630	64300.49	18584.18	125.70	9004
D-630	64300.76	18597.26	125.88	9005
D-630	64319.27	18597.77	128.51	9006
D-630	64319.30	18583.49	128.51	9007
D-631	64317.34	18597.71	128.46	9008
D-631	64317.63	18583.55	128.47	9009
D-631	64327.66	18583.18	127.54	9010
D-631	64327.56	18598.07	127.84	9011
D-632	64300.22	18612.04	125.01	9012
D-632	64300.76	18597.26	125.88	9013
D-632	64325.95	18597.99	127.99	9014
D-632	64325.56	18611.79	128.12	9015
D-633	64327.39	18611.77	127.95	9016
D-633	64326.98	18625.46	127.95	9017
D-633	64300.48	18625.55	125.78	9018
D-633	64300.22	18612.04	125.01	9019
D-634	64297.83	18573.14	125.30	9020
D-634	64297.81	18586.99	125.78	9021
D-634	64217.45	18589.30	144.91	9022
D-634	64144.42	18590.55	155.76	9023
D-634	64143.68	18576.51	155.76	9024
D-634	64217.02	18574.78	144.96	9025

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-635	64297.81	18586.99	125.78	9026
D-635	64297.74	18601.02	126.37	9027
D-635	64209.60	18602.92	146.26	9028
D-635	64145.85	18604.69	155.71	9029
D-635	64146.73	18590.83	155.66	9030
D-635	64217.45	18589.30	144.91	9031
D-636	64297.74	18601.02	126.37	9032
D-636	64297.85	18614.74	126.33	9033
D-636	64201.74	18617.44	147.52	9034
D-636	64144.52	18619.46	155.73	9035
D-636	64143.88	18605.32	155.79	9036
D-636	64145.85	18604.69	155.71	9037
D-636	64209.60	18602.92	146.26	9038
D-637	64145.89	18576.56	155.68	9039
D-637	64146.02	18590.33	155.69	9040
D-637	64124.56	18590.64	156.56	9041
D-637	64108.57	18591.06	157.26	9042
D-637	64096.23	18591.19	157.77	9043
D-637	64070.44	18591.30	158.82	9044
D-637	64071.10	18577.26	158.79	9045
D-637	64075.32	18577.20	158.59	9046
D-638	64108.57	18591.06	157.26	9047
D-638	64096.23	18591.19	157.77	9048
D-638	64097.30	18605.55	157.74	9049
D-638	64124.52	18605.20	156.58	9050
D-638	64147.76	18604.56	155.63	9051
D-638	64148.40	18590.44	155.59	9052
D-638	64124.56	18590.64	156.56	9053
D-639	64146.39	18619.35	155.65	9054
D-639	64145.85	18604.69	155.71	9055
D-639	64124.52	18605.20	156.58	9056
D-639	64115.26	18605.45	156.98	9057
D-639	64115.11	18619.61	156.96	9058
D-640	64116.45	18605.19	156.93	9059
D-640	64110.20	18605.40	157.20	9060
D-640	64110.26	18618.70	157.17	9061
D-640	64115.86	18619.59	156.93	9062
D-641	64300.48	18625.55	125.78	9063
D-641	64300.48	18640.25	125.92	9064
D-641	64324.72	18640.86	128.27	9065
D-641	64324.93	18625.47	128.19	9066

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-642	64324.72	18640.86	128.27	9067
D-642	64325.01	18654.65	128.15	9068
D-642	64299.64	18654.29	124.75	9069
D-642	64300.48	18640.25	125.92	9070
D-643	64172.49	18632.14	152.31	9071
D-643	64209.81	18631.46	146.10	9072
D-643	64225.10	18631.13	143.56	9073
D-643	64262.09	18630.48	137.38	9074
D-643	64297.56	18629.52	126.35	9075
D-643	64297.85	18614.74	126.33	9076
D-643	64261.68	18615.76	137.55	9077
D-643	64201.74	18617.44	147.52	9078
D-643	64144.10	18619.00	155.75	9079
D-643	64143.99	18632.91	155.73	9080
D-644	64297.56	18629.52	126.35	9081
D-644	64297.23	18643.88	126.35	9082
D-644	64261.39	18645.68	137.44	9083
D-644	64208.38	18645.84	146.26	9084
D-644	64143.64	18647.43	155.74	9085
D-644	64143.44	18633.11	155.75	9086
D-644	64172.49	18632.14	152.31	9087
D-644	64225.10	18631.13	143.56	9088
D-644	64262.09	18630.48	137.38	9089
D-645	64146.28	18618.86	155.66	9090
D-645	64146.50	18633.14	155.63	9091
D-645	64108.48	18633.95	157.22	9092
D-645	64109.08	18619.30	157.22	9093
D-646	64106.56	18634.37	157.30	9094
D-646	64106.69	18649.12	157.26	9095
D-646	64145.81	18647.75	155.65	9096
D-646	64145.51	18632.98	155.67	9097
D-647	64299.64	18654.29	124.75	9098
D-647	64299.37	18668.51	124.68	9099
D-647	64323.98	18668.97	128.33	9100
D-647	64324.52	18654.56	128.24	9101
D-648	64312.46	18668.76	128.35	9102
D-648	64311.59	18683.30	128.34	9103
D-648	64325.92	18683.35	127.94	9104
D-648	64326.05	18668.99	127.93	9105

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-649	64299.38	18668.49	124.68	9106
D-649	64299.10	18683.20	124.62	9107
D-649	64313.36	18683.31	128.37	9108
D-649	64313.47	18668.78	128.37	9109
D-650	64299.07	18683.20	124.62	9110
D-650	64299.03	18697.25	124.59	9111
D-650	64324.54	18697.31	128.25	9112
D-650	64324.75	18683.37	128.16	9113
D-651	64299.04	18697.24	124.59	9114
D-651	64299.14	18705.34	124.84	9115
D-651	64325.08	18704.26	128.15	9116
D-651	64324.86	18697.31	128.18	9117
D-652	64298.71	18644.21	124.81	9118
D-652	64298.61	18658.22	124.76	9119
D-652	64143.91	18660.83	155.71	9120
D-652	64143.53	18646.33	155.74	9121
D-653	64298.72	18657.40	124.76	9122
D-653	64298.68	18672.16	124.68	9123
D-653	64143.87	18675.49	155.69	9124
D-653	64143.46	18660.79	155.73	9125
D-654	64298.60	18671.86	124.68	9126
D-654	64298.25	18686.90	124.64	9127
D-654	64143.15	18690.21	155.72	9128
D-654	64143.14	18674.40	155.72	9129
D-655	64298.14	18686.21	124.64	9130
D-655	64297.98	18701.16	124.64	9131
D-655	64143.08	18703.68	155.71	9132
D-655	64142.85	18688.66	155.73	9133
D-656	64146.34	18646.47	155.62	9134
D-656	64146.06	18660.79	155.62	9135
D-656	64106.20	18658.37	157.27	9136
D-656	64106.87	18643.72	157.26	9137
D-657	64144.86	18660.89	155.67	9138
D-657	64145.25	18674.92	155.63	9139
D-657	64112.29	18672.94	157.00	9140
D-657	64112.34	18658.60	157.02	9141

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-658	64144.30	18674.50	155.68	9142
D-658	64144.58	18688.16	155.66	9143
D-658	64111.79	18687.70	157.01	9144
D-658	64111.40	18672.49	157.04	9145
D-659	64112.41	18701.96	156.97	9146
D-659	64145.59	18701.99	155.61	9147
D-659	64145.52	18687.26	155.62	9148
D-659	64111.23	18686.97	157.03	9149
D-660	64109.44	18701.01	157.09	9150
D-660	64109.55	18708.16	157.08	9151
D-660	64162.92	18708.29	153.53	9152
D-660	64162.78	18701.93	153.59	9153
D-661	64223.65	18702.42	143.45	9154
D-661	64223.68	18707.82	143.41	9155
D-661	64162.42	18708.12	153.62	9156
D-661	64162.61	18701.96	153.61	9157
D-662	64255.62	18701.35	138.11	9158
D-662	64255.88	18706.85	138.04	9159
D-662	64218.39	18707.90	144.29	9160
D-662	64219.16	18702.30	144.19	9161
D-663	64298.14	18700.59	124.63	9162
D-663	64298.25	18705.27	124.61	9163
D-663	64253.88	18706.17	138.37	9164
D-663	64253.80	18701.52	138.41	9165
D-664	64324.31	18704.29	128.32	9166
D-664	64325.13	18717.16	128.14	9167
D-664	64298.94	18718.35	124.87	9168
D-664	64299.14	18705.34	124.84	9169
D-665	64324.65	18717.18	128.25	9170
D-665	64326.15	18731.82	127.86	9171
D-665	64298.85	18732.16	125.00	9172
D-665	64298.94	18718.35	124.87	9173
D-666	64298.04	18704.60	124.62	9174
D-666	64298.19	18718.94	124.54	9175
D-666	64232.94	18721.25	141.80	9176
D-666	64142.63	18722.17	155.68	9177
D-666	64142.81	18706.92	155.71	9178
D-666	64218.72	18707.52	144.24	9179

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-667	64147.55	18707.25	155.52	9180
D-667	64146.95	18722.22	155.50	9181
D-667	64106.93	18721.76	157.17	9182
D-667	64107.91	18707.20	157.15	9183
D-668	64325.55	18731.83	128.00	9184
D-668	64327.33	18745.82	127.62	9185
D-668	64298.56	18746.40	124.61	9186
D-668	64298.85	18732.16	125.00	9187
D-669	64297.43	18718.81	124.61	9188
D-669	64297.60	18733.12	124.54	9189
D-669	64233.08	18736.15	141.70	9190
D-669	64142.63	18737.18	155.67	9191
D-669	64142.62	18722.16	155.68	9192
D-669	64232.93	18720.98	141.80	9193
D-670	64142.39	18750.19	155.67	9194
D-670	64142.82	18736.52	155.66	9195
D-670	64232.06	18735.11	141.87	9196
D-670	64297.57	18732.71	124.54	9197
D-670	64297.31	18747.22	124.49	9198
D-670	64232.74	18749.65	141.69	9199
D-671	64109.54	18721.44	157.06	9200
D-671	64110.02	18735.75	157.03	9201
D-671	64143.95	18736.49	155.61	9202
D-671	64143.84	18722.18	155.63	9203
D-672	64108.29	18735.71	157.10	9204
D-672	64107.95	18750.68	157.09	9205
D-672	64144.13	18750.17	155.60	9206
D-672	64144.39	18736.50	155.60	9207
D-673	64326.60	18745.84	127.78	9208
D-673	64326.62	18759.90	127.70	9209
D-673	64298.48	18760.30	124.57	9210
D-673	64298.56	18746.40	124.61	9211
D-674	64326.62	18759.90	127.70	9212
D-674	64326.73	18774.54	127.59	9213
D-674	64297.91	18775.25	124.42	9214
D-674	64298.48	18760.30	124.57	9215
D-675	64297.91	18775.25	124.42	9216
D-675	64297.97	18788.94	124.35	9217
D-675	64325.80	18788.63	127.87	9218
D-675	64325.10	18774.58	127.99	9219

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-676	64326.38	18788.63	127.74	9220
D-676	64326.03	18803.00	127.74	9221
D-676	64298.09	18803.25	124.27	9222
D-676	64297.97	18788.94	124.35	9223
D-677	64298.10	18803.25	124.27	9224
D-677	64298.57	18817.81	124.33	9225
D-677	64325.35	18817.16	127.69	9226
D-677	64326.03	18803.00	127.74	9227
D-678	64325.35	18817.16	127.69	9228
D-678	64325.69	18831.47	127.64	9229
D-678	64311.59	18831.98	128.01	9230
D-678	64312.02	18817.54	128.15	9231
D-679	64313.42	18817.51	128.17	9232
D-679	64313.94	18831.89	128.05	9233
D-679	64298.67	18832.44	124.17	9234
D-679	64298.57	18817.81	124.33	9235
D-680	64297.52	18746.70	124.48	9236
D-680	64297.30	18761.36	124.46	9237
D-680	64259.12	18762.50	137.22	9238
D-680	64214.24	18764.11	144.70	9239
D-680	64213.50	18749.93	144.90	9240
D-680	64259.57	18747.88	137.22	9241
D-681	64297.17	18760.98	124.46	9242
D-681	64296.47	18775.20	125.71	9243
D-681	64261.54	18776.69	136.61	9244
D-681	64187.28	18778.28	149.13	9245
D-681	64142.69	18778.94	155.61	9246
D-681	64142.48	18764.63	155.64	9247
D-681	64186.65	18764.76	149.29	9248
D-681	64260.52	18762.40	136.98	9249
D-682	64215.26	18749.77	144.60	9250
D-682	64215.63	18764.18	144.47	9251
D-682	64106.45	18764.90	157.14	9252
D-682	64106.65	18750.69	157.15	9253

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-683	64296.80	18775.36	124.43	9254
D-683	64296.69	18789.91	124.68	9255
D-683	64261.50	18791.13	136.55	9256
D-683	64209.30	18792.51	145.38	9257
D-683	64142.38	18793.10	155.60	9258
D-683	64142.22	18778.94	155.63	9259
D-683	64208.87	18777.97	145.55	9260
D-683	64261.22	18776.60	136.71	9261
D-684	64296.95	18789.54	124.38	9262
D-684	64296.73	18804.00	124.94	9263
D-684	64262.03	18805.38	136.32	9264
D-684	64200.74	18807.06	146.73	9265
D-684	64142.23	18807.63	155.60	9266
D-684	64142.22	18793.29	155.61	9267
D-684	64199.78	18792.69	146.97	9268
D-684	64261.27	18790.85	136.63	9269
D-685	64297.16	18803.43	124.32	9270
D-685	64297.28	18817.94	124.28	9271
D-685	64237.03	18820.52	140.63	9272
D-685	64142.26	18821.94	155.58	9273
D-685	64142.28	18807.89	155.60	9274
D-685	64237.91	18805.95	140.55	9275
D-686	64296.75	18817.71	125.44	9276
D-686	64297.60	18832.44	124.23	9277
D-686	64229.86	18834.53	141.75	9278
D-686	64153.62	18836.52	154.44	9279
D-686	64153.41	18821.84	154.54	9280
D-686	64230.09	18820.50	141.79	9281
D-687	64079.43	18764.63	158.28	9282
D-687	64079.52	18779.05	158.25	9283
D-687	64143.48	18778.92	155.58	9284
D-687	64143.73	18764.64	155.59	9285
D-688	64079.52	18779.05	158.25	9286
D-688	64080.46	18793.17	158.19	9287
D-688	64112.49	18793.28	156.86	9288
D-688	64143.66	18793.43	155.55	9289
D-688	64143.09	18778.93	155.59	9290
D-689	64143.66	18793.43	155.55	9291
D-689	64143.96	18807.70	155.53	9292
D-689	64110.84	18807.48	156.92	9293
D-689	64111.29	18793.12	156.91	9294

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-690	64112.49	18793.28	156.86	9295
D-690	64112.37	18807.53	156.85	9296
D-690	64081.02	18807.28	158.16	9297
D-690	64080.46	18793.17	158.19	9298
D-691	64143.96	18807.70	155.53	9299
D-691	64144.47	18821.96	155.49	9300
D-691	64076.69	18821.16	158.34	9301
D-691	64081.02	18807.28	158.16	9302
D-692	64096.03	18821.53	157.53	9303
D-692	64095.80	18835.61	157.52	9304
D-692	64155.43	18836.55	154.14	9305
D-692	64155.26	18822.05	154.23	9306
D-693	64076.69	18821.16	158.34	9307
D-693	64075.55	18835.61	158.38	9308
D-693	64097.84	18835.64	157.43	9309
D-693	64098.11	18821.57	157.44	9310
D-694	64108.50	18758.01	157.06	9311
D-694	64108.87	18764.76	157.04	9312
D-694	64081.76	18765.50	158.18	9313
D-694	64082.01	18758.96	158.18	9314
D-695	64325.69	18831.47	127.64	9315
D-695	64324.54	18845.72	127.72	9316
D-695	64298.66	18846.83	124.13	9317
D-695	64298.67	18832.44	124.17	9318
D-696	64298.75	18861.29	124.09	9319
D-696	64298.66	18846.83	124.13	9320
D-696	64324.54	18845.72	127.72	9321
D-696	64324.19	18859.50	127.70	9322
D-697	64324.61	18873.86	127.57	9323
D-697	64324.19	18859.50	127.70	9324
D-697	64298.75	18861.29	124.09	9325
D-697	64298.56	18874.92	123.88	9326
D-698	64298.73	18888.86	123.96	9327
D-698	64298.56	18874.92	123.88	9328
D-698	64324.61	18873.86	127.57	9329
D-698	64325.30	18887.91	127.39	9330

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-699	64325.86	18902.11	127.22	9331
D-699	64325.30	18887.91	127.39	9332
D-699	64298.73	18888.86	123.96	9333
D-699	64298.65	18903.23	123.86	9334
D-700	64325.86	18902.11	127.22	9335
D-700	64326.11	18909.14	127.22	9336
D-700	64313.04	18909.73	127.88	9337
D-700	64312.60	18902.66	127.88	9338
D-701	64313.92	18902.60	127.90	9339
D-701	64314.31	18909.67	127.90	9340
D-701	64298.32	18910.39	123.81	9341
D-701	64298.65	18903.23	123.86	9342
D-702	64325.19	18922.53	127.40	9343
D-702	64298.09	18923.48	123.68	9344
D-702	64298.32	18910.39	123.81	9345
D-702	64325.00	18909.20	127.44	9346
D-703	64156.70	18836.56	153.92	9347
D-703	64156.86	18842.77	153.87	9348
D-703	64260.68	18841.18	136.58	9349
D-703	64297.22	18839.01	124.54	9350
D-703	64297.11	18832.22	124.85	9351
D-703	64260.51	18833.73	136.65	9352
D-704	64120.28	18842.70	156.47	9353
D-704	64120.52	18836.03	156.46	9354
D-704	64157.99	18836.57	153.71	9355
D-704	64158.32	18842.81	153.63	9356
D-705	64076.19	18835.42	158.36	9357
D-705	64076.21	18840.96	158.35	9358
D-705	64122.09	18842.84	156.39	9359
D-705	64122.11	18836.05	156.40	9360
D-706	64160.00	18842.79	153.35	9361
D-706	64159.96	18855.88	153.30	9362
D-706	64261.47	18854.04	136.35	9363
D-706	64297.47	18853.68	124.20	9364
D-706	64297.22	18839.01	124.54	9365
D-706	64260.68	18841.18	136.58	9366

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-707	64154.41	18855.98	154.23	9367
D-707	64155.57	18870.39	153.95	9368
D-707	64259.81	18868.54	136.58	9369
D-707	64297.50	18867.57	124.05	9370
D-707	64297.47	18853.68	124.20	9371
D-707	64261.47	18854.04	136.35	9372
D-708	64155.31	18884.14	153.92	9373
D-708	64155.57	18870.39	153.95	9374
D-708	64259.81	18868.54	136.58	9375
D-708	64297.50	18867.57	124.05	9376
D-708	64297.25	18881.58	123.97	9377
D-708	64259.58	18882.87	136.54	9378
D-709	64077.21	18854.92	158.30	9379
D-709	64077.21	18854.92	158.30	9380
D-709	64078.10	18840.38	158.28	9381
D-709	64094.02	18841.17	157.58	9382
D-709	64094.23	18856.16	157.55	9383
D-710	64091.82	18855.96	157.66	9384
D-710	64092.27	18841.13	157.66	9385
D-710	64104.01	18841.53	157.15	9386
D-710	64103.20	18856.23	157.16	9387
D-711	64155.08	18898.99	153.89	9388
D-711	64155.31	18884.14	153.92	9389
D-711	64259.58	18882.87	136.54	9390
D-711	64297.25	18881.58	123.97	9391
D-711	64297.22	18896.00	123.94	9392
D-711	64260.44	18897.18	136.32	9393
D-712	64100.61	18856.15	157.27	9394
D-712	64101.40	18841.61	157.26	9395
D-712	64114.46	18841.81	156.71	9396
D-712	64113.92	18856.41	156.71	9397
D-713	64155.32	18913.10	153.78	9398
D-713	64155.12	18898.41	153.89	9399
D-713	64260.44	18897.18	136.32	9400
D-713	64297.22	18896.00	123.94	9401
D-713	64296.91	18910.30	123.97	9402
D-713	64259.73	18911.42	136.37	9403

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-714	64111.97	18856.43	156.79	9404
D-714	64112.09	18841.85	156.81	9405
D-714	64124.82	18842.39	156.27	9406
D-714	64124.20	18857.00	156.28	9407
D-714	64155.21	18912.99	153.79	9408
D-715	64154.68	18927.35	153.81	9409
D-715	64260.05	18925.83	136.25	9410
D-715	64296.92	18924.69	123.79	9411
D-715	64296.91	18910.30	123.97	9412
D-715	64259.73	18911.42	136.37	9413
D-716	64123.24	18842.37	156.34	9414
D-716	64122.77	18856.94	156.34	9415
D-716	64136.49	18857.56	155.77	9416
D-716	64136.15	18842.88	155.80	9417
D-717	64135.28	18856.27	155.82	9418
D-717	64134.86	18842.82	155.85	9419
D-717	64161.55	18842.76	153.09	9420
D-717	64162.05	18855.84	152.95	9421
D-718	64075.94	18868.83	158.32	9422
D-718	64076.91	18854.73	158.31	9423
D-718	64156.65	18855.94	153.85	9424
D-718	64156.54	18871.40	153.79	9425
D-719	64126.65	18870.81	156.17	9426
D-719	64126.28	18885.45	156.17	9427
D-719	64075.12	18883.30	158.35	9428
D-719	64075.94	18868.83	158.32	9429
D-720	64124.18	18885.26	156.25	9430
D-720	64124.49	18870.56	156.26	9431
D-720	64156.93	18871.15	153.72	9432
D-720	64156.84	18886.08	153.66	9433
D-721	64075.19	18897.13	158.33	9434
D-721	64075.86	18882.93	158.32	9435
D-721	64091.92	18883.26	157.62	9436
D-721	64091.55	18898.00	157.63	9437
D-722	64089.09	18897.85	157.73	9438
D-722	64089.64	18883.53	157.72	9439
D-722	64133.36	18884.65	155.87	9440
D-722	64132.84	18899.33	155.87	9441

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-723	64075.93	18897.18	158.30	9442
D-723	64074.85	18911.48	158.32	9443
D-723	64108.45	18912.83	156.89	9444
D-723	64108.86	18898.35	156.89	9445
D-724	64157.73	18900.13	153.44	9446
D-724	64157.56	18913.27	153.40	9447
D-724	64107.08	18913.02	156.95	9448
D-724	64106.94	18898.07	156.97	9449
D-725	64131.37	18884.77	155.95	9450
D-725	64130.62	18899.36	155.97	9451
D-725	64157.73	18900.13	153.44	9452
D-725	64157.36	18885.53	153.58	9453
D-726	64075.31	18911.11	158.30	9454
D-726	64076.10	18925.65	158.24	9455
D-726	64157.05	18927.75	153.41	9456
D-726	64157.56	18913.27	153.40	9457
D-727	64297.90	18937.23	123.60	9458
D-727	64298.09	18923.48	123.68	9459
D-727	64324.16	18922.57	127.57	9460
D-727	64324.11	18936.68	127.39	9461
D-728	64324.11	18936.68	127.39	9462
D-728	64324.42	18950.83	127.26	9463
D-728	64297.57	18951.46	123.55	9464
D-728	64297.90	18937.23	123.60	9465
D-729	64324.42	18950.83	127.26	9466
D-729	64324.71	18965.23	127.27	9467
D-729	64297.87	18965.78	123.48	9468
D-729	64297.57	18951.46	123.55	9469
D-730	64297.87	18965.78	123.48	9470
D-730	64297.62	18980.06	123.40	9471
D-730	64325.02	18979.07	127.24	9472
D-730	64324.71	18965.23	127.27	9473
D-731	64325.72	18993.45	127.29	9474
D-731	64325.02	18979.07	127.24	9475
D-731	64311.73	18979.55	127.84	9476
D-731	64311.89	18993.87	127.84	9477

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-732	64313.03	18979.50	127.86	9478
D-732	64312.79	18993.84	127.86	9479
D-732	64297.97	18994.29	123.34	9480
D-732	64297.62	18980.06	123.40	9481
D-733	64325.72	18993.45	127.29	9482
D-733	64298.82	19008.79	124.20	9483
D-733	64297.97	18994.29	123.34	9484
D-733	64325.81	19007.70	127.42	9485
D-734	64296.92	18924.69	123.79	9486
D-734	64296.72	18938.47	123.69	9487
D-734	64255.88	18939.97	136.88	9488
D-734	64153.18	18941.44	153.98	9489
D-734	64154.68	18927.35	153.81	9490
D-734	64255.95	18925.67	136.94	9491
D-735	64296.72	18938.47	123.69	9492
D-735	64296.77	18952.74	123.55	9493
D-735	64255.25	18954.32	136.92	9494
D-735	64152.92	18955.95	153.95	9495
D-735	64153.18	18941.44	153.98	9496
D-735	64255.88	18939.97	136.88	9497
D-736	64296.77	18952.74	123.55	9498
D-736	64296.69	18967.08	123.47	9499
D-736	64255.31	18968.36	136.84	9500
D-736	64153.37	18969.75	153.81	9501
D-736	64153.09	18955.94	153.93	9502
D-736	64255.25	18954.32	136.92	9503
D-737	64255.07	18982.42	136.80	9504
D-737	64296.52	18980.97	123.40	9505
D-737	64296.69	18967.08	123.47	9506
D-737	64255.31	18968.36	136.84	9507
D-737	64153.37	18969.75	153.81	9508
D-737	64153.49	18983.58	153.72	9509
D-738	64296.52	18980.97	123.40	9510
D-738	64296.56	18995.19	123.40	9511
D-738	64255.86	18996.96	136.61	9512
D-738	64154.30	18997.95	153.52	9513
D-738	64153.49	18983.58	153.72	9514
D-738	64255.07	18982.42	136.80	9515

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-739	64296.56	18995.19	123.40	9516
D-739	64297.74	19009.43	123.54	9517
D-739	64256.40	19011.28	136.45	9518
D-739	64154.75	19012.53	153.37	9519
D-739	64154.30	18997.95	153.52	9520
D-739	64255.86	18996.96	136.61	9521
D-740	64097.04	18926.20	157.35	9522
D-740	64095.78	18940.56	157.39	9523
D-740	64076.64	18938.90	158.20	9524
D-740	64076.41	18925.11	158.22	9525
D-741	64111.83	18927.13	156.73	9526
D-741	64111.04	18941.65	156.74	9527
D-741	64094.06	18940.54	157.46	9528
D-741	64095.30	18926.08	157.42	9529
D-742	64119.88	18927.14	156.39	9530
D-742	64119.04	18941.55	156.41	9531
D-742	64109.17	18941.29	156.82	9532
D-742	64109.70	18926.85	156.82	9533
D-743	64128.18	18941.80	156.02	9534
D-743	64129.04	18927.40	156.00	9535
D-743	64117.82	18927.39	156.47	9536
D-743	64116.85	18941.49	156.50	9537
D-744	64076.64	18938.90	158.20	9538
D-744	64076.66	18953.51	158.18	9539
D-744	64086.13	18954.05	157.78	9540
D-744	64087.28	18939.43	157.75	9541
D-745	64085.34	18939.66	157.83	9542
D-745	64084.78	18953.92	157.83	9543
D-745	64095.67	18954.68	157.37	9544
D-745	64096.50	18940.32	157.36	9545
D-746	64094.10	18954.55	157.44	9546
D-746	64094.23	18940.44	157.45	9547
D-746	64125.37	18941.57	156.14	9548
D-746	64124.88	18955.91	156.14	9549
D-747	64076.28	18953.48	158.20	9550
D-747	64077.47	18967.41	158.10	9551
D-747	64102.67	18969.34	157.06	9552
D-747	64103.78	18954.90	157.04	9553

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-748	64113.91	18955.54	156.61	9554
D-748	64113.65	18970.01	156.59	9555
D-748	64102.67	18969.34	157.06	9556
D-748	64103.78	18954.90	157.04	9557
D-749	64156.13	18970.89	153.35	9558
D-749	64156.07	18955.96	153.43	9559
D-749	64111.64	18955.53	156.70	9560
D-749	64110.94	18970.06	156.71	9561
D-750	64078.32	18967.63	158.06	9562
D-750	64077.76	18981.89	158.05	9563
D-750	64089.04	18982.86	157.59	9564
D-750	64090.66	18968.02	157.54	9565
D-751	64156.18	18956.21	153.41	9566
D-751	64155.99	18942.25	153.51	9567
D-751	64124.12	18941.63	156.19	9568
D-751	64123.46	18955.93	156.20	9569
D-752	64155.99	18942.25	153.51	9570
D-752	64155.92	18927.64	153.60	9571
D-752	64128.61	18927.61	156.02	9572
D-752	64127.24	18941.52	156.06	9573
D-753	64087.98	18982.90	157.64	9574
D-753	64090.66	18968.02	157.54	9575
D-753	64119.23	18969.86	156.35	9576
D-753	64119.38	18984.24	156.33	9577
D-754	64105.80	18983.58	156.90	9578
D-754	64104.73	18998.00	156.94	9579
D-754	64080.59	18996.50	157.94	9580
D-754	64080.28	18982.23	157.95	9581
D-755	64121.32	18984.72	156.24	9582
D-755	64122.16	18998.74	156.20	9583
D-755	64103.56	18998.03	156.99	9584
D-755	64104.28	18983.95	156.97	9585
D-756	64076.80	18996.11	158.10	9586
D-756	64075.44	19010.70	158.15	9587
D-756	64098.95	19012.60	157.16	9588
D-756	64100.52	18997.82	157.11	9589

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-757	64128.10	19013.47	155.93	9590
D-757	64127.26	18998.95	155.98	9591
D-757	64098.73	18997.97	157.19	9592
D-757	64097.54	19012.55	157.22	9593
D-758	64124.83	19013.20	156.06	9594
D-758	64157.55	19013.39	152.90	9595
D-758	64157.65	18998.56	152.96	9596
D-758	64123.65	18998.58	156.14	9597
D-759	64155.56	18984.11	153.38	9598
D-759	64154.82	18969.84	153.57	9599
D-759	64117.62	18970.16	156.42	9600
D-759	64117.38	18984.18	156.41	9601
D-760	64155.84	18998.52	153.26	9602
D-760	64155.56	18984.11	153.38	9603
D-760	64120.49	18984.42	156.28	9604
D-760	64120.96	18998.69	156.25	9605
D-761	64325.81	19007.70	127.42	9606
D-761	64326.94	19021.42	127.47	9607
D-761	64300.75	19023.15	123.32	9608
D-761	64298.82	19008.79	124.20	9609
D-762	64316.84	19036.45	127.83	9610
D-762	64328.57	19035.59	127.64	9611
D-762	64326.94	19021.42	127.47	9612
D-762	64316.06	19022.14	127.86	9613
D-763	64318.48	19036.33	127.87	9614
D-763	64317.32	19022.06	127.89	9615
D-763	64300.75	19023.15	123.32	9616
D-763	64302.60	19037.50	123.27	9617
D-764	64328.57	19035.59	127.64	9618
D-764	64331.81	19049.33	127.41	9619
D-764	64304.84	19051.38	123.21	9620
D-764	64302.60	19037.50	123.27	9621
D-765	64331.81	19049.33	127.41	9622
D-765	64333.64	19062.94	127.37	9623
D-765	64306.90	19065.75	123.17	9624
D-765	64304.84	19051.38	123.21	9625

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-766	64321.17	19064.25	127.83	9626
D-766	64321.78	19070.95	127.82	9627
D-766	64334.97	19069.84	127.24	9628
D-766	64333.64	19062.94	127.37	9629
D-767	64306.90	19065.75	123.17	9630
D-767	64307.85	19072.13	123.13	9631
D-767	64323.06	19070.84	127.84	9632
D-767	64322.35	19064.13	127.85	9633
D-768	64307.85	19072.13	123.13	9634
D-768	64309.70	19085.96	123.06	9635
D-768	64336.66	19083.80	127.30	9636
D-768	64334.97	19069.84	127.24	9637
D-769	64309.70	19085.96	123.06	9638
D-769	64311.61	19100.29	123.01	9639
D-769	64338.76	19097.99	127.28	9640
D-769	64336.66	19083.80	127.30	9641
D-770	64151.80	19011.93	153.87	9642
D-770	64151.50	19026.62	153.83	9643
D-770	64298.91	19023.37	124.12	9644
D-770	64297.74	19009.43	123.54	9645
D-771	64151.50	19026.62	153.83	9646
D-771	64151.43	19041.09	153.78	9647
D-771	64301.38	19037.42	123.28	9648
D-771	64298.91	19023.37	124.12	9649
D-771	64148.55	19054.56	154.19	9650
D-772	64149.52	19040.66	154.10	9651
D-772	64301.38	19037.42	123.28	9652
D-772	64303.44	19051.76	123.21	9653
D-773	64303.44	19051.76	123.21	9654
D-773	64305.41	19065.66	123.17	9655
D-773	64147.89	19068.72	154.25	9656
D-773	64148.55	19054.56	154.19	9657
D-774	64147.28	19082.25	154.28	9658
D-774	64147.89	19068.72	154.25	9659
D-774	64305.41	19065.66	123.17	9660
D-774	64306.84	19075.86	123.11	9661

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-775	64306.84	19075.86	123.11	9662
D-775	64308.81	19090.01	123.05	9663
D-775	64154.34	19096.68	153.03	9664
D-775	64153.83	19082.00	153.21	9665
D-776	64162.64	19110.76	151.56	9666
D-776	64162.25	19096.08	151.71	9667
D-776	64308.81	19090.01	123.05	9668
D-776	64311.53	19104.29	123.01	9669
D-776	64260.89	19107.30	135.13	9670
D-776	64248.79	19107.60	137.21	9671
D-777	64154.65	19012.40	153.39	9672
D-777	64154.04	19027.80	153.40	9673
D-777	64129.49	19026.87	155.83	9674
D-777	64130.53	19012.73	155.80	9675
D-778	64076.71	19024.78	158.08	9676
D-778	64078.60	19010.69	158.02	9677
D-778	64098.00	19011.72	157.20	9678
D-778	64132.45	19012.69	155.70	9679
D-778	64131.41	19026.97	155.73	9680
D-778	64096.72	19026.28	157.23	9681
D-779	64094.73	19039.95	157.30	9682
D-779	64095.89	19025.99	157.27	9683
D-779	64154.04	19027.80	153.40	9684
D-779	64152.87	19041.84	153.54	9685
D-780	64076.71	19024.78	158.08	9686
D-780	64074.81	19039.16	158.14	9687
D-780	64097.20	19039.97	157.19	9688
D-780	64097.64	19025.87	157.20	9689
D-781	64074.81	19039.16	158.14	9690
D-781	64074.26	19053.16	158.14	9691
D-781	64151.66	19056.18	153.67	9692
D-781	64151.84	19041.78	153.71	9693
D-782	64151.66	19056.18	153.67	9694
D-782	64093.30	19054.41	157.34	9695
D-782	64092.65	19068.44	157.35	9696
D-782	64151.44	19070.73	153.66	9697
D-783	64094.95	19054.32	157.27	9698
D-783	64094.32	19068.58	157.28	9699
D-783	64043.88	19066.12	158.45	9700
D-783	64044.84	19051.61	158.49	9701

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-784	64046.33	19080.78	158.52	9702
D-784	64046.47	19066.24	158.56	9703
D-784	64154.91	19070.17	153.08	9704
D-784	64155.03	19084.69	152.99	9705
D-785	64040.95	19093.61	158.33	9706
D-785	64040.77	19080.22	158.30	9707
D-785	64157.97	19084.77	152.50	9708
D-785	64157.27	19096.31	152.54	9709
D-786	64124.14	19095.92	155.98	9710
D-786	64163.49	19096.25	151.51	9711
D-786	64164.25	19110.61	151.29	9712
D-786	64124.44	19110.17	155.96	9713
D-787	64040.67	19108.27	158.23	9714
D-787	64040.95	19093.61	158.33	9715
D-787	64126.18	19095.67	155.90	9716
D-787	64125.30	19110.31	155.92	9717
D-788	64314.10	19114.26	122.99	9718
D-788	64311.61	19100.29	123.01	9719
D-788	64338.76	19097.99	127.28	9720
D-788	64341.56	19111.62	127.13	9721
D-789	64316.79	19128.23	122.97	9722
D-789	64314.10	19114.26	122.99	9723
D-789	64341.56	19111.62	127.13	9724
D-789	64342.83	19125.76	127.32	9725
D-790	64318.87	19142.53	122.88	9726
D-790	64316.79	19128.23	122.97	9727
D-790	64342.83	19125.76	127.32	9728
D-790	64344.85	19139.49	127.15	9729
D-791	64321.32	19156.63	122.84	9730
D-791	64318.87	19142.53	122.88	9731
D-791	64344.85	19139.49	127.15	9732
D-791	64346.34	19153.93	127.14	9733
D-792	64323.88	19170.88	122.86	9734
D-792	64321.32	19156.63	122.84	9735
D-792	64346.34	19153.93	127.14	9736
D-792	64348.14	19167.81	126.96	9737

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-793	64348.28	19181.91	127.04	9738
D-793	64348.14	19167.81	126.96	9739
D-793	64330.34	19170.06	126.13	9740
D-793	64332.52	19184.02	126.04	9741
D-794	64332.06	19169.85	126.69	9742
D-794	64333.80	19183.85	126.46	9743
D-794	64326.10	19184.89	122.85	9744
D-794	64323.88	19170.88	122.86	9745
D-795	64158.85	19124.48	152.12	9746
D-795	64158.48	19110.05	152.26	9747
D-795	64248.79	19107.60	137.21	9748
D-795	64260.89	19107.30	135.13	9749
D-795	64311.00	19103.01	123.01	9750
D-795	64313.61	19118.05	123.00	9751
D-795	64261.38	19121.66	134.99	9752
D-795	64249.91	19122.08	136.95	9753
D-795	64161.79	19124.21	151.63	9754
D-796	64162.42	19138.81	151.45	9755
D-796	64250.85	19136.26	136.72	9756
D-796	64261.33	19135.85	134.93	9757
D-796	64316.10	19132.56	122.97	9758
D-796	64313.61	19118.05	123.00	9759
D-796	64261.38	19121.66	134.99	9760
D-796	64249.91	19122.08	136.95	9761
D-797	64318.30	19146.72	123.11	9762
D-797	64316.10	19132.56	122.97	9763
D-797	64261.33	19135.85	134.93	9764
D-797	64250.85	19136.26	136.72	9765
D-797	64163.92	19138.75	151.20	9766
D-797	64163.58	19152.77	151.19	9767
D-797	64251.59	19150.02	136.53	9768
D-797	64260.86	19150.23	134.94	9769
D-798	64167.06	19167.32	150.53	9770
D-798	64166.10	19152.71	150.77	9771
D-798	64251.59	19150.02	136.53	9772
D-798	64318.30	19146.72	123.11	9773
D-798	64320.95	19160.76	122.93	9774
D-798	64252.77	19164.45	136.26	9775

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-799	64320.95	19160.76	122.93	9776
D-799	64323.16	19174.89	123.12	9777
D-799	64254.04	19178.73	135.98	9778
D-799	64167.63	19181.50	150.38	9779
D-799	64167.06	19167.32	150.53	9780
D-799	64252.77	19164.45	136.26	9781
D-800	64325.72	19189.13	122.88	9782
D-800	64323.16	19174.89	123.12	9783
D-800	64254.04	19178.73	135.98	9784
D-800	64170.29	19181.20	149.94	9785
D-800	64170.32	19195.84	149.87	9786
D-800	64255.54	19193.07	135.67	9787
D-801	64050.59	19108.01	158.67	9788
D-801	64050.50	19122.14	158.23	9789
D-801	64161.99	19124.13	151.60	9790
D-801	64162.13	19109.84	151.65	9791
D-802	64050.50	19122.14	158.23	9792
D-802	64048.37	19136.06	157.59	9793
D-802	64093.98	19138.27	157.18	9794
D-802	64094.18	19123.61	157.21	9795
D-803	64092.31	19137.95	157.25	9796
D-803	64092.30	19123.67	157.29	9797
D-803	64164.57	19124.10	151.17	9798
D-803	64164.63	19138.75	151.08	9799
D-804	64081.69	19137.54	157.69	9800
D-804	64081.04	19151.87	157.35	9801
D-804	64166.75	19153.07	150.66	9802
D-804	64168.42	19138.56	150.45	9803
D-805	64048.37	19136.06	157.59	9804
D-805	64047.68	19150.75	156.89	9805
D-805	64083.54	19152.24	157.37	9806
D-805	64083.55	19137.47	157.61	9807
D-806	64048.77	19150.55	156.92	9808
D-806	64048.37	19165.42	156.34	9809
D-806	64090.36	19166.54	156.86	9810
D-806	64169.02	19167.14	150.21	9811
D-806	64169.10	19152.20	150.27	9812
D-806	64091.57	19151.78	157.24	9813

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-807	64093.70	19166.27	156.92	9814
D-807	64093.52	19181.15	156.27	9815
D-807	64169.20	19180.53	150.12	9816
D-807	64169.18	19166.38	150.19	9817
D-808	64110.56	19180.77	156.35	9818
D-808	64109.83	19195.26	155.86	9819
D-808	64172.35	19195.18	149.53	9820
D-808	64172.49	19180.32	149.58	9821
D-809	64352.78	19181.30	126.33	9822
D-809	64355.43	19194.97	126.10	9823
D-809	64328.39	19198.74	122.81	9824
D-809	64326.10	19184.89	122.85	9825
D-810	64328.39	19198.74	122.81	9826
D-810	64355.43	19194.97	126.10	9827
D-810	64357.38	19209.69	126.09	9828
D-810	64330.91	19212.39	122.77	9829
D-811	64357.38	19209.69	126.09	9830
D-811	64357.45	19223.38	126.33	9831
D-811	64333.58	19226.39	123.12	9832
D-811	64330.91	19212.39	122.77	9833
D-812	64358.31	19237.75	126.37	9834
D-812	64336.26	19240.39	123.82	9835
D-812	64333.58	19226.39	123.12	9836
D-812	64357.45	19223.38	126.33	9837
D-813	64359.18	19237.45	126.27	9838
D-813	64361.17	19251.34	126.18	9839
D-813	64338.32	19254.21	122.83	9840
D-813	64336.26	19240.39	123.82	9841
D-814	64338.32	19254.21	122.83	9842
D-814	64339.39	19260.64	122.50	9843
D-814	64358.70	19258.32	126.15	9844
D-814	64357.45	19251.81	126.31	9845
D-815	64363.30	19257.76	126.02	9846
D-815	64356.91	19258.53	126.10	9847
D-815	64356.09	19251.98	126.28	9848
D-815	64362.87	19251.10	126.04	9849

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-816	64365.78	19271.74	125.89	9850
D-816	64363.30	19257.76	126.02	9851
D-816	64339.39	19260.64	122.50	9852
D-816	64341.70	19274.29	122.42	9853
D-817	64365.78	19271.74	125.89	9854
D-817	64368.54	19285.73	125.89	9855
D-817	64344.27	19288.15	123.97	9856
D-817	64341.70	19274.29	122.42	9857
D-818	64368.54	19285.73	125.89	9858
D-818	64370.93	19300.00	126.01	9859
D-818	64346.09	19302.54	122.57	9860
D-818	64344.27	19288.15	123.97	9861
D-819	64181.75	19209.73	147.92	9862
D-819	64182.12	19195.11	147.91	9863
D-819	64108.83	19194.93	155.87	9864
D-819	64108.83	19209.36	155.21	9865
D-820	64325.72	19189.13	122.88	9866
D-820	64328.15	19203.63	122.83	9867
D-820	64214.74	19208.80	142.44	9868
D-820	64178.61	19209.60	148.46	9869
D-820	64179.07	19195.69	148.41	9870
D-820	64206.02	19195.00	143.94	9871
D-820	64255.54	19193.07	135.67	9872
D-821	64174.83	19224.32	149.09	9873
D-821	64174.60	19209.52	149.13	9874
D-821	64214.74	19208.80	142.44	9875
D-821	64328.16	19203.50	122.83	9876
D-821	64330.37	19217.95	122.92	9877
D-822	64330.25	19217.66	123.07	9878
D-822	64332.61	19231.67	123.04	9879
D-822	64222.00	19236.45	141.17	9880
D-822	64176.10	19238.25	148.72	9881
D-822	64176.28	19223.63	148.85	9882
D-823	64332.61	19231.67	123.04	9883
D-823	64335.31	19245.81	122.61	9884
D-823	64230.36	19250.20	139.75	9885
D-823	64180.29	19252.57	147.85	9886
D-823	64179.56	19237.81	148.15	9887
D-823	64222.00	19236.45	141.17	9888

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-824	64335.31	19245.81	122.61	9889
D-824	64337.96	19260.07	122.50	9890
D-824	64232.70	19264.35	139.40	9891
D-824	64182.44	19266.78	146.69	9892
D-824	64181.65	19252.03	147.64	9893
D-824	64230.36	19250.20	139.75	9894
D-825	64338.02	19259.83	122.50	9895
D-825	64340.45	19274.04	122.43	9896
D-825	64185.18	19279.95	145.39	9897
D-825	64185.12	19265.50	146.55	9898
D-826	64185.09	19294.48	143.89	9899
D-826	64185.72	19280.19	145.32	9900
D-826	64340.45	19274.04	122.43	9901
D-826	64342.88	19288.40	122.38	9902
D-827	64342.88	19288.40	122.38	9903
D-827	64344.45	19302.80	122.76	9904
D-827	64187.78	19308.87	142.17	9905
D-827	64187.63	19294.04	143.81	9906
D-828	64119.15	19208.52	155.42	9907
D-828	64129.33	19222.61	154.09	9908
D-828	64178.00	19224.05	148.56	9909
D-828	64178.83	19209.10	148.42	9910
D-829	64178.00	19224.05	148.56	9911
D-829	64177.99	19238.05	148.42	9912
D-829	64139.18	19237.04	152.11	9913
D-829	64129.33	19222.61	154.09	9914
D-830	64183.33	19237.47	147.52	9915
D-830	64183.56	19252.49	147.34	9916
D-830	64148.25	19251.79	150.15	9917
D-830	64139.18	19237.04	152.11	9918
D-831	64148.16	19251.35	150.22	9919
D-831	64158.18	19265.91	148.24	9920
D-831	64184.47	19266.53	146.52	9921
D-831	64185.38	19251.93	147.05	9922
D-832	64187.48	19266.21	146.27	9923
D-832	64186.46	19280.63	145.22	9924
D-832	64167.82	19280.33	145.98	9925
D-832	64158.20	19265.55	148.29	9926

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-833	64171.11	19280.20	145.93	9927
D-833	64180.77	19293.63	144.22	9928
D-833	64186.65	19293.92	143.88	9929
D-833	64187.58	19280.34	145.14	9930
D-834	64178.99	19293.43	144.33	9931
D-834	64188.86	19308.59	142.15	9932
D-834	64192.32	19308.72	141.95	9933
D-834	64192.84	19294.25	143.52	9934
D-835	63801.97	19040.17	125.52	9935
D-835	63801.98	19054.14	125.49	9936
D-835	63810.87	19055.05	121.41	9937
D-835	63810.83	19041.00	121.61	9938
D-836	63810.87	19055.05	121.41	9939
D-836	63811.06	19069.18	121.39	9940
D-836	63801.70	19068.72	125.38	9941
D-836	63801.98	19054.14	125.49	9942
D-836	63811.43	19083.45	121.34	9943
D-836	63801.59	19082.52	125.38	9944
D-837	63801.70	19068.72	125.38	9945
D-837	63801.59	19082.52	125.38	9946
D-837	63811.06	19069.18	121.39	9947
D-837	63811.43	19083.45	121.34	9948
D-838	63812.67	19041.25	122.69	9949
D-838	63812.61	19055.63	122.24	9950
D-838	63879.77	19060.25	140.19	9951
D-838	63966.22	19063.18	154.65	9952
D-838	63966.31	19049.11	154.70	9953
D-838	63880.05	19045.94	140.25	9954
D-839	63812.61	19055.63	122.24	9955
D-839	63812.80	19069.94	122.62	9956
D-839	63878.77	19074.68	140.04	9957
D-839	63966.77	19077.50	154.71	9958
D-839	63966.22	19063.18	154.65	9959
D-839	63879.77	19060.25	140.19	9960
D-840	63812.80	19069.94	122.62	9961
D-840	63812.65	19084.41	121.52	9962
D-840	63877.89	19089.09	139.87	9963
D-840	63966.23	19092.05	154.60	9964
D-840	63966.77	19077.50	154.71	9965
D-840	63878.77	19074.68	140.04	9966

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-841	63811.43	19083.45	121.34	9967
D-841	63811.62	19097.37	121.27	9968
D-841	63802.19	19097.15	125.37	9969
D-841	63801.59	19082.52	125.38	9970
D-842	63874.01	19087.16	139.22	9971
D-842	63873.80	19093.15	139.16	9972
D-842	63812.12	19089.28	121.31	9973
D-842	63812.44	19083.94	121.33	9974
D-843	63871.86	19087.08	138.86	9975
D-843	63871.32	19092.73	138.74	9976
D-843	63922.30	19095.28	147.25	9977
D-843	63922.26	19089.14	147.27	9978
D-844	63920.62	19088.93	147.00	9979
D-844	63919.58	19094.93	146.81	9980
D-844	63981.12	19096.96	155.76	9981
D-844	63981.03	19090.09	155.76	9982
D-845	63811.62	19097.37	121.27	9983
D-845	63812.00	19111.49	121.10	9984
D-845	63801.97	19111.45	125.25	9985
D-845	63802.19	19097.15	125.37	9986
D-846	63801.82	19125.80	125.18	9987
D-846	63811.45	19126.14	121.00	9988
D-846	63812.00	19111.49	121.10	9989
D-846	63801.97	19111.45	125.25	9990
D-847	63812.12	19089.28	121.31	9991
D-847	63813.19	19103.83	122.20	9992
D-847	63964.43	19110.55	154.25	9993
D-847	63965.14	19096.26	154.41	9994
D-848	63812.87	19117.82	121.00	9995
D-848	63813.19	19103.83	122.20	9996
D-848	63941.57	19109.54	150.42	9997
D-848	63939.94	19124.18	150.11	9998
D-849	64047.93	19065.64	158.62	9999
D-849	64048.13	19050.54	158.63	10000
D-849	63964.19	19049.08	154.34	10001
D-849	63964.25	19063.18	154.32	10002

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-850	64040.29	19065.01	158.29	10003
D-850	64040.48	19079.50	158.28	10004
D-850	63963.79	19077.73	154.21	10005
D-850	63964.01	19063.66	154.28	10006
D-851	64037.90	19079.20	158.18	10007
D-851	64038.09	19064.37	158.20	10008
D-851	64050.07	19064.94	158.71	10009
D-851	64049.23	19079.78	158.64	10010
D-852	64043.03	19079.36	158.39	10011
D-852	64043.34	19093.98	158.43	10012
D-852	63963.47	19092.28	154.14	10013
D-852	63963.79	19077.73	154.21	10014
D-853	63980.03	19091.54	155.71	10015
D-853	63979.37	19098.12	155.68	10016
D-853	64007.02	19099.62	156.87	10017
D-853	64007.31	19092.18	156.89	10018
D-854	63963.17	19095.63	154.08	10019
D-854	63962.57	19110.30	153.94	10020
D-854	64029.67	19113.87	157.69	10021
D-854	64031.43	19099.51	157.92	10022
D-855	64006.42	19092.42	156.85	10023
D-855	64006.04	19098.97	156.83	10024
D-855	64025.63	19099.41	157.67	10025
D-855	64025.96	19092.48	157.68	10026
D-856	64023.83	19092.71	157.59	10027
D-856	64023.45	19099.58	157.58	10028
D-856	64045.33	19100.47	158.51	10029
D-856	64045.05	19093.99	158.50	10030
D-857	64027.55	19113.59	157.60	10031
D-857	64027.61	19098.89	157.75	10032
D-857	64045.49	19100.54	158.52	10033
D-857	64044.96	19114.29	158.36	10034
D-858	64043.00	19107.40	158.34	10035
D-858	64042.98	19114.86	158.27	10036
D-858	64053.28	19115.32	158.56	10037
D-858	64053.23	19107.98	158.79	10038

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-859	63939.59	19109.45	150.09	10039
D-859	63938.31	19124.11	149.84	10040
D-859	64053.51	19128.56	158.04	10041
D-859	64053.66	19114.71	158.59	10042
D-860	64346.09	19302.54	122.57	10043
D-860	64348.45	19316.88	123.10	10044
D-860	64370.20	19315.43	126.04	10045
D-860	64370.93	19300.00	126.01	10046
D-861	64348.45	19316.88	123.10	10047
D-861	64350.32	19331.44	122.77	10048
D-861	64373.08	19330.20	126.02	10049
D-861	64370.20	19315.43	126.04	10050
D-862	64350.32	19331.44	122.77	10051
D-862	64352.54	19345.60	123.21	10052
D-862	64376.52	19342.58	125.83	10053
D-862	64373.08	19330.20	126.02	10054
D-863	64352.54	19345.60	123.21	10055
D-863	64354.74	19359.72	124.32	10056
D-863	64378.65	19356.50	126.00	10057
D-863	64376.52	19342.58	125.83	10058
D-864	64354.74	19359.72	124.32	10059
D-864	64378.65	19356.50	126.00	10060
D-864	64382.21	19370.51	125.90	10061
D-864	64356.42	19373.85	122.96	10062
D-865	64382.21	19370.51	125.90	10063
D-865	64384.19	19384.85	125.72	10064
D-865	64358.69	19388.23	123.27	10065
D-865	64356.42	19373.85	122.96	10066
D-866	64385.00	19384.75	125.52	10067
D-866	64386.50	19399.41	125.87	10068
D-866	64360.13	19402.40	122.13	10069
D-866	64358.69	19388.23	123.27	10070
D-867	64189.88	19322.86	140.35	10071
D-867	64187.78	19308.87	142.17	10072
D-867	64258.29	19306.51	135.04	10073
D-867	64289.68	19305.52	128.12	10074
D-867	64344.45	19302.80	122.76	10075
D-867	64346.33	19316.66	122.91	10076
D-867	64290.03	19319.67	127.39	10077
D-867	64257.30	19320.72	134.81	10078

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-868	64191.83	19322.59	140.36	10079
D-868	64191.82	19336.66	138.56	10080
D-868	64255.07	19335.09	134.19	10081
D-868	64290.48	19333.61	127.41	10082
D-868	64348.12	19331.22	123.45	10083
D-868	64346.33	19316.66	122.91	10084
D-868	64290.03	19319.67	127.39	10085
D-868	64257.30	19320.72	134.81	10086
D-869	64348.12	19331.22	123.45	10087
D-869	64350.10	19345.45	123.21	10088
D-869	64290.99	19347.74	127.37	10089
D-869	64253.17	19349.48	132.22	10090
D-869	64194.02	19351.21	136.52	10091
D-869	64193.78	19337.12	138.47	10092
D-869	64255.07	19335.09	134.19	10093
D-869	64290.48	19333.61	127.41	10094
D-870	64350.10	19345.45	123.21	10095
D-870	64352.31	19359.72	122.52	10096
D-870	64308.76	19361.59	126.80	10097
D-870	64268.53	19363.06	128.02	10098
D-870	64251.01	19363.48	128.98	10099
D-870	64196.14	19364.68	134.80	10100
D-870	64196.29	19350.78	136.62	10101
D-870	64253.17	19349.48	132.22	10102
D-870	64290.99	19347.74	127.37	10103
D-871	64352.31	19359.72	122.52	10104
D-871	64353.67	19373.81	123.92	10105
D-871	64312.41	19375.45	126.69	10106
D-871	64264.94	19377.07	128.11	10107
D-871	64225.90	19378.26	129.55	10108
D-871	64217.10	19364.60	134.56	10109
D-871	64234.96	19363.85	132.51	10110
D-871	64268.53	19363.06	128.02	10111
D-871	64308.76	19361.59	126.80	10112
D-872	64252.54	19377.75	128.46	10113
D-872	64252.54	19392.40	128.43	10114
D-872	64233.56	19392.52	128.67	10115
D-872	64224.83	19378.32	129.66	10116

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-873	64250.24	19378.27	128.53	10117
D-873	64250.81	19391.92	128.48	10118
D-873	64275.69	19391.10	127.80	10119
D-873	64290.08	19390.61	127.38	10120
D-873	64306.77	19390.50	126.87	10121
D-873	64308.16	19390.50	126.82	10122
D-873	64332.62	19389.57	126.07	10123
D-873	64355.75	19388.10	123.63	10124
D-873	64353.67	19373.81	123.92	10125
D-873	64312.41	19375.45	126.69	10126
D-873	64264.94	19377.07	128.11	10127
D-874	64307.27	19404.52	126.86	10128
D-874	64332.11	19403.84	126.10	10129
D-874	64334.21	19403.71	126.03	10130
D-874	64338.66	19403.35	125.89	10131
D-874	64358.03	19402.63	123.43	10132
D-874	64355.75	19388.10	123.63	10133
D-874	64332.62	19389.57	126.07	10134
D-874	64306.77	19390.50	126.87	10135
D-875	64233.56	19392.52	128.67	10136
D-875	64242.15	19406.73	128.28	10137
D-875	64274.64	19405.46	127.82	10138
D-875	64288.94	19405.24	127.41	10139
D-875	64308.61	19404.48	126.82	10140
D-875	64308.16	19390.50	126.82	10141
D-875	64290.08	19390.61	127.38	10142
D-875	64275.69	19391.10	127.80	10143
D-875	64250.81	19391.92	128.48	10144
D-876	64242.15	19406.73	128.28	10145
D-876	64251.78	19420.66	127.89	10146
D-876	64334.65	19417.30	126.04	10147
D-876	64334.21	19403.71	126.03	10148
D-876	64332.11	19403.84	126.10	10149
D-876	64308.61	19404.48	126.82	10150
D-876	64307.27	19404.52	126.86	10151
D-876	64306.65	19404.51	126.88	10152
D-876	64288.94	19405.24	127.41	10153
D-876	64274.64	19405.46	127.82	10154
D-877	64358.03	19402.63	123.43	10155
D-877	64360.76	19416.24	121.97	10156
D-877	64334.65	19417.30	126.04	10157
D-877	64334.21	19403.71	126.03	10158
D-877	64338.66	19403.35	125.89	10159

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-878	64360.13	19402.40	122.13	10160
D-878	64362.09	19416.32	122.20	10161
D-878	64389.57	19412.77	125.74	10162
D-878	64387.88	19399.25	125.72	10163
D-879	64362.09	19416.32	122.20	10164
D-879	64389.96	19412.72	125.67	10165
D-879	64391.99	19426.65	125.56	10166
D-879	64364.43	19429.87	122.97	10167
D-880	64391.99	19426.65	125.56	10168
D-880	64394.75	19440.49	125.35	10169
D-880	64366.16	19444.57	122.37	10170
D-880	64364.43	19429.87	122.97	10171
D-881	64394.75	19440.49	125.35	10172
D-881	64397.26	19454.34	125.38	10173
D-881	64388.57	19455.71	125.99	10174
D-881	64385.73	19441.77	125.96	10175
D-882	64387.66	19441.50	126.01	10176
D-882	64390.33	19455.45	126.00	10177
D-882	64367.99	19458.67	121.89	10178
D-882	64366.16	19444.57	122.37	10179
D-883	64369.82	19472.19	121.84	10180
D-883	64367.99	19458.67	121.89	10181
D-883	64390.33	19455.45	126.00	10182
D-883	64397.26	19454.34	125.38	10183
D-883	64399.60	19468.31	125.27	10184
D-884	64372.10	19486.15	123.10	10185
D-884	64369.82	19472.19	121.84	10186
D-884	64399.60	19468.31	125.27	10187
D-884	64400.72	19482.66	125.57	10188
D-885	64400.03	19482.75	125.69	10189
D-885	64399.99	19485.27	125.81	10190
D-885	64372.79	19489.45	123.07	10191
D-885	64372.10	19486.15	123.10	10192
D-886	64400.68	19485.17	125.68	10193
D-886	64402.50	19499.36	126.25	10194
D-886	64374.22	19502.19	123.43	10195
D-886	64372.79	19489.45	123.07	10196

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-887	64362.41	19430.44	121.98	10197
D-887	64360.76	19416.24	121.97	10198
D-887	64251.78	19420.66	127.89	10199
D-887	64263.81	19433.87	127.53	10200
D-887	64322.33	19432.11	126.38	10201
D-888	64325.16	19446.58	126.34	10202
D-888	64324.34	19432.32	126.32	10203
D-888	64263.81	19433.87	127.53	10204
D-888	64276.66	19448.18	126.97	10205
D-889	64362.41	19430.44	121.98	10206
D-889	64364.59	19444.43	121.91	10207
D-889	64323.00	19446.57	126.39	10208
D-889	64322.33	19432.11	126.38	10209
D-890	64364.59	19444.43	121.91	10210
D-890	64366.25	19458.98	122.62	10211
D-890	64323.85	19460.80	126.26	10212
D-890	64323.00	19446.57	126.39	10213
D-891	64366.25	19458.98	122.62	10214
D-891	64368.19	19473.08	122.52	10215
D-891	64324.83	19475.14	126.24	10216
D-891	64323.85	19460.80	126.26	10217
D-892	64368.19	19473.08	122.52	10218
D-892	64370.34	19487.03	121.90	10219
D-892	64330.21	19489.27	125.91	10220
D-892	64324.83	19475.14	126.24	10221
D-893	64370.34	19487.03	121.90	10222
D-893	64371.98	19497.93	122.21	10223
D-893	64365.92	19498.05	125.11	10224
D-893	64366.10	19501.80	125.07	10225
D-893	64340.03	19499.54	125.51	10226
D-893	64339.74	19498.19	125.70	10227
D-893	64330.87	19498.18	124.65	10228
D-893	64330.21	19489.27	125.91	10229
D-894	64342.38	19485.72	120.22	5960
D-894	64324.38	19485.86	120.22	5961
D-894	64324.49	19499.86	120.22	5962
D-894	64342.49	19499.72	120.22	5963

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-895	64332.70	19499.20	124.60	10230
D-895	64324.58	19500.13	122.33	10231
D-895	64317.53	19494.43	122.74	10232
D-895	64308.11	19444.68	126.75	10233
D-895	64323.80	19443.62	126.37	10234
D-896	64308.11	19444.68	126.75	10235
D-896	64293.24	19444.34	127.14	10236
D-896	64301.12	19485.10	123.28	10237
D-896	64317.53	19494.43	122.74	10238
D-897	64317.49	19495.95	122.44	10239
D-897	64318.82	19499.74	124.40	10240
D-897	64306.23	19500.58	126.29	10241
D-897	64303.98	19499.33	126.35	10242
D-897	64301.65	19487.23	122.59	10243
D-898	64303.98	19499.33	126.35	10244
D-898	64288.18	19492.17	126.55	10245
D-898	64286.24	19479.51	123.84	10246
D-898	64301.65	19487.23	122.59	10247
D-899	64301.12	19485.10	123.28	10248
D-899	64284.99	19476.68	122.91	10249
D-899	64279.84	19445.88	127.05	10250
D-899	64293.24	19444.34	127.14	10251
D-900	64284.99	19476.68	122.91	10252
D-900	64279.84	19445.88	127.05	10253
D-900	64263.56	19430.84	127.61	10254
D-900	64269.28	19469.60	122.90	10255
D-901	64286.24	19479.51	123.84	10256
D-901	64270.94	19471.65	123.11	10257
D-901	64272.95	19482.62	126.77	10258
D-901	64288.18	19492.16	126.55	10259
D-902	64256.31	19464.64	123.10	10260
D-902	64257.00	19474.76	126.86	10261
D-902	64272.95	19482.62	126.77	10262
D-902	64270.94	19471.65	123.11	10263
D-903	64263.56	19430.84	127.61	10264
D-903	64249.26	19433.22	127.55	10265
D-903	64253.42	19461.90	123.22	10266
D-903	64269.28	19469.60	122.90	10267

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-904	64247.71	19413.67	128.08	10268
D-904	64245.53	19412.64	128.10	10269
D-904	64249.10	19435.14	127.50	10270
D-904	64263.70	19433.63	127.54	10271
D-904	64263.15	19427.64	127.70	10272
D-905	64236.05	19453.35	123.98	10273
D-905	64238.24	19393.50	128.65	10274
D-905	64250.67	19410.60	128.17	10275
D-905	64250.20	19460.46	123.32	10276
D-906	64238.15	19389.17	128.76	10277
D-906	64224.89	19376.50	130.19	10278
D-906	64224.66	19380.67	129.05	10279
D-906	64221.83	19446.66	123.85	10280
D-906	64236.05	19453.35	123.98	10281
D-907	64254.95	19462.71	123.16	10282
D-907	64248.68	19459.73	123.37	10283
D-907	64250.54	19440.42	127.36	10284
D-908	64256.31	19464.64	123.10	10285
D-908	64242.15	19458.06	123.73	10286
D-908	64242.62	19468.02	127.08	10287
D-908	64257.00	19474.76	126.86	10288
D-909	64227.94	19450.97	123.75	10289
D-909	64242.15	19458.06	123.73	10290
D-909	64242.62	19468.02	127.08	10291
D-909	64228.42	19460.52	127.23	10292
D-910	64227.94	19450.97	123.75	10293
D-910	64213.17	19444.43	124.46	10294
D-910	64213.83	19454.36	127.34	10295
D-910	64228.42	19460.52	127.23	10296
D-911	64212.40	19346.64	136.80	10297
D-911	64225.13	19374.06	130.89	10298
D-911	64224.66	19380.67	129.05	10299
D-911	64221.83	19446.66	123.85	10300
D-911	64207.75	19440.87	123.68	10301
D-911	64209.90	19383.40	129.28	10302
D-912	64213.83	19454.36	127.34	10303
D-912	64207.78	19450.07	127.41	10304
D-912	64206.85	19440.73	123.69	10305
D-912	64213.17	19444.43	124.46	10306

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-913	64207.78	19450.07	127.41	10307
D-913	64192.42	19442.36	127.02	10308
D-913	64192.39	19434.01	123.81	10309
D-913	64206.85	19440.73	123.69	10310
D-914	64192.42	19442.36	127.02	10311
D-914	64192.39	19434.01	123.81	10312
D-914	64178.37	19427.21	123.96	10313
D-914	64178.53	19435.14	126.53	10314
D-915	64178.53	19435.14	126.53	10315
D-915	64178.37	19427.21	123.96	10316
D-915	64164.33	19420.70	124.00	10317
D-915	64164.22	19429.06	126.12	10318
D-916	64164.22	19429.06	126.12	10319
D-916	64164.33	19420.70	124.00	10320
D-916	64151.32	19414.47	124.02	10321
D-916	64150.70	19421.77	125.48	10322
D-917	64150.70	19421.77	125.48	10323
D-917	64151.32	19414.47	124.02	10324
D-917	64137.60	19407.45	123.82	10325
D-917	64136.99	19415.64	125.15	10326
D-918	64136.99	19415.64	125.15	10327
D-918	64123.42	19408.54	124.87	10328
D-918	64124.27	19400.63	124.96	10329
D-918	64137.60	19407.45	123.82	10330
D-919	64124.27	19400.63	124.96	10331
D-919	64123.42	19408.54	124.87	10332
D-919	64109.74	19402.00	124.73	10333
D-919	64111.02	19394.90	125.14	10334
D-920	64111.02	19394.90	125.14	10335
D-920	64109.74	19402.00	124.73	10336
D-920	64104.38	19399.23	124.68	10337
D-920	64104.58	19391.09	123.57	10338
D-921	64104.58	19391.09	123.57	10339
D-921	64104.38	19399.23	124.68	10340
D-921	64090.70	19393.33	125.18	10341
D-921	64090.82	19383.83	124.07	10342

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-922	64090.82	19383.83	124.07	10343
D-922	64090.70	19393.33	125.18	10344
D-922	64076.94	19386.08	127.11	10345
D-922	64078.91	19378.11	124.27	10346
D-923	64207.56	19439.18	125.00	10347
D-923	64193.40	19433.04	123.80	10348
D-923	64195.09	19389.21	128.76	10349
D-923	64209.60	19389.91	128.78	10350
D-924	64194.76	19391.06	128.68	10351
D-924	64195.73	19375.24	131.75	10352
D-924	64198.33	19348.11	137.06	10353
D-924	64212.59	19348.92	136.52	10354
D-924	64210.18	19377.98	130.88	10355
D-924	64209.30	19391.83	128.71	10356
D-925	64199.58	19320.69	140.36	10357
D-925	64195.33	19386.34	128.87	10358
D-925	64193.83	19432.90	124.61	10359
D-925	64179.23	19425.82	124.21	10360
D-925	64180.93	19384.88	128.76	10361
D-925	64184.80	19320.22	140.79	10362
D-926	64185.14	19321.91	140.55	10363
D-926	64187.08	19297.67	143.42	10364
D-926	64190.61	19322.35	140.41	10365
D-927	64179.58	19425.79	124.67	10366
D-927	64165.51	19419.64	123.99	10367
D-927	64166.39	19391.98	128.23	10368
D-927	64168.45	19359.11	134.12	10369
D-927	64170.99	19324.65	139.91	10370
D-927	64174.15	19281.08	145.72	10371
D-927	64187.37	19297.49	143.42	10372
D-927	64185.21	19326.71	139.89	10373
D-927	64182.63	19362.59	134.63	10374
D-927	64180.78	19394.41	128.27	10375

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-928	64160.92	19268.08	147.89	10376
D-928	64174.35	19280.08	145.88	10377
D-928	64173.91	19289.91	144.65	10378
D-928	64172.37	19310.69	141.87	10379
D-928	64168.75	19354.78	135.06	10380
D-928	64166.72	19392.38	128.21	10381
D-928	64165.85	19419.52	123.99	10382
D-928	64151.54	19412.17	124.09	10383
D-928	64152.29	19390.42	127.94	10384
D-928	64154.39	19352.44	134.42	10385
D-928	64157.90	19308.77	141.75	10386
D-928	64159.45	19287.84	144.91	10387
D-929	64151.81	19412.31	124.09	10388
D-929	64137.35	19405.69	123.87	10389
D-929	64137.99	19385.87	127.69	10390
D-929	64140.51	19345.61	134.95	10391
D-929	64144.36	19297.88	142.93	10392
D-929	64147.12	19255.65	149.49	10393
D-929	64152.24	19256.03	149.63	10394
D-929	64160.92	19268.08	147.89	10395
D-929	64158.87	19300.32	143.03	10396
D-929	64154.77	19348.29	135.23	10397
D-929	64152.65	19387.49	128.05	10398
D-930	64138.06	19406.12	123.87	10399
D-930	64123.76	19398.78	124.81	10400
D-930	64124.75	19375.26	127.75	10401
D-930	64126.78	19339.96	135.19	10402
D-930	64130.38	19292.59	143.04	10403
D-930	64133.25	19251.42	149.73	10404
D-930	64147.79	19252.50	150.02	10405
D-930	64144.78	19295.72	143.30	10406
D-930	64140.98	19344.90	135.09	10407
D-930	64138.92	19386.80	127.68	10408
D-931	64124.14	19399.15	124.85	10409
D-931	64110.10	19392.21	123.92	10410
D-931	64112.77	19334.37	135.44	10411
D-931	64117.34	19278.87	144.63	10412
D-931	64119.90	19243.42	150.44	10413
D-931	64134.26	19244.37	150.90	10414
D-931	64131.78	19280.27	145.10	10415
D-931	64126.85	19337.79	135.55	10416

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-932	64110.58	19392.59	123.96	10417
D-932	64096.48	19385.75	123.63	10418
D-932	64096.28	19378.30	126.84	10419
D-932	64097.21	19365.12	127.45	10420
D-932	64099.49	19325.13	136.31	10421
D-932	64106.30	19236.29	150.90	10422
D-932	64120.75	19237.33	151.47	10423
D-932	64113.88	19327.29	136.65	10424
D-932	64111.66	19364.12	127.88	10425
D-932	64110.78	19383.53	127.08	10426
D-933	64096.64	19385.94	123.70	10427
D-933	64082.77	19379.23	123.78	10428
D-933	64083.48	19352.89	127.55	10429
D-933	64085.15	19321.85	136.15	10430
D-933	64088.17	19285.26	142.17	10431
D-933	64093.37	19221.86	152.57	10432
D-933	64107.72	19222.75	153.09	10433
D-933	64102.57	19286.92	142.65	10434
D-933	64099.67	19323.47	136.59	10435
D-933	64097.89	19354.49	127.92	10436
D-934	64133.84	19253.61	149.40	10437
D-934	64134.26	19244.37	150.90	10438
D-934	64135.08	19228.71	153.05	10439
D-934	64148.87	19241.67	151.33	10440
D-934	64148.39	19254.10	149.78	10441
D-935	64135.18	19224.09	153.74	10442
D-935	64134.51	19246.25	150.60	10443
D-935	64119.90	19245.16	150.16	10444
D-935	64121.25	19210.93	155.37	10445
D-936	64120.83	19238.21	151.33	10446
D-936	64106.21	19238.17	150.60	10447
D-936	64107.05	19208.52	155.21	10448
D-936	64121.51	19208.88	155.45	10449
D-937	64107.59	19223.74	152.93	10450
D-937	64093.82	19223.54	152.33	10451
D-937	64097.01	19179.38	156.39	10452
D-937	64111.40	19179.96	156.33	10453

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-938	64082.89	19378.94	123.72	10454
D-938	64068.78	19371.63	124.08	10455
D-938	64071.99	19311.35	137.20	10456
D-938	64079.37	19222.86	151.71	10457
D-938	64084.47	19223.96	151.79	10458
D-938	64093.56	19223.92	152.25	10459
D-938	64086.05	19313.68	137.53	10460
D-939	64076.94	19386.08	127.11	10461
D-939	64064.02	19378.93	126.65	10462
D-939	64066.46	19372.07	124.33	10463
D-939	64078.91	19378.11	124.27	10464
D-940	64066.46	19372.07	124.33	10465
D-940	64064.02	19378.93	126.65	10466
D-940	64051.15	19372.24	126.56	10467
D-940	64053.85	19366.25	124.50	10468
D-941	64053.85	19366.25	124.50	10469
D-941	64051.15	19372.24	126.56	10470
D-941	64038.29	19366.39	126.40	10471
D-941	64041.23	19360.19	124.47	10472
D-942	64041.23	19360.19	124.47	10473
D-942	64038.29	19366.39	126.40	10474
D-942	64025.30	19359.99	126.17	10475
D-942	64028.42	19354.03	124.39	10476
D-943	64028.42	19354.03	124.39	10477
D-943	64025.30	19359.99	126.17	10478
D-943	64016.23	19347.88	124.17	10479
D-943	64012.63	19353.75	128.99	10480
D-944	64016.23	19347.88	124.17	10481
D-944	64003.96	19341.79	123.95	10482
D-944	64000.20	19347.45	128.74	10483
D-944	64012.63	19353.75	128.99	10484
D-945	64003.96	19341.79	123.95	10485
D-945	63990.99	19335.41	123.90	10486
D-945	63987.70	19341.30	129.02	10487
D-945	64000.20	19347.45	128.74	10488

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-946	64068.78	19371.63	124.08	10489
D-946	64054.83	19364.85	124.25	10490
D-946	64058.09	19307.79	137.09	10491
D-946	64065.73	19215.05	152.34	10492
D-946	64080.30	19216.08	152.84	10493
D-946	64071.99	19311.35	137.20	10494
D-947	63990.99	19335.41	123.90	10495
D-947	63977.66	19329.11	123.95	10496
D-947	63987.70	19341.30	129.02	10497
D-947	63974.84	19335.46	128.15	10498
D-948	63977.66	19329.11	123.95	10499
D-948	63964.97	19322.62	123.74	10500
D-948	63974.84	19335.46	128.15	10501
D-948	63961.67	19329.05	128.43	10502
D-949	64054.83	19364.85	124.25	10503
D-949	64041.37	19358.18	124.47	10504
D-949	64043.72	19305.32	136.66	10505
D-949	64052.00	19209.52	152.62	10506
D-949	64066.53	19211.38	152.97	10507
D-949	64058.09	19307.79	137.09	10508
D-950	64041.41	19358.26	124.45	10509
D-950	64027.17	19351.72	124.35	10510
D-950	64029.88	19302.11	136.37	10511
D-950	64033.69	19257.55	143.96	10512
D-950	64038.48	19204.02	152.81	10513
D-950	64053.07	19205.05	153.39	10514
D-950	64047.94	19259.13	144.41	10515
D-950	64043.98	19306.96	136.42	10516
D-951	64027.56	19351.88	124.36	10517
D-951	64013.55	19344.95	124.34	10518
D-951	64016.17	19294.19	137.23	10519
D-951	64024.96	19194.39	153.39	10520
D-951	64039.59	19195.82	154.10	10521
D-951	64030.36	19300.76	136.76	10522
D-952	64025.90	19191.76	153.83	10523
D-952	64011.75	19190.06	152.77	10524
D-952	64002.39	19288.86	137.34	10525
D-952	63999.56	19338.06	124.26	10526
D-952	64013.85	19345.04	124.35	10527
D-952	64016.63	19294.28	137.24	10528

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-953	64093.81	19225.81	151.96	10529
D-953	64079.03	19224.13	151.49	10530
D-953	64084.13	19166.01	156.80	10531
D-953	64098.52	19166.87	156.85	10532
D-954	64080.02	19217.33	152.63	10533
D-954	64065.10	19215.92	152.18	10534
D-954	64069.89	19165.88	156.65	10535
D-954	64084.49	19166.25	156.80	10536
D-955	64066.21	19212.10	152.84	10537
D-955	64052.04	19210.85	152.41	10538
D-955	64055.40	19167.71	156.38	10539
D-955	64069.82	19168.75	156.52	10540
D-956	63999.90	19338.17	124.28	10541
D-956	63986.11	19330.91	124.19	10542
D-956	63989.74	19274.06	138.99	10543
D-956	63998.64	19182.84	152.68	10544
D-956	64012.72	19184.45	153.66	10545
D-956	64002.79	19289.04	137.33	10546
D-957	63986.11	19330.91	124.19	10547
D-957	63972.36	19323.76	124.10	10548
D-957	63976.05	19269.14	138.45	10549
D-957	63985.18	19176.40	152.36	10550
D-957	63999.13	19177.77	153.46	10551
D-957	63989.74	19274.06	138.99	10552
D-958	63972.36	19323.76	124.10	10553
D-958	63958.54	19316.71	123.90	10554
D-958	63961.78	19265.55	137.71	10555
D-958	63966.51	19214.10	145.35	10556
D-958	63971.46	19169.32	151.98	10557
D-958	63985.70	19171.10	153.15	10558
D-958	63976.05	19269.14	138.45	10559
D-959	64053.17	19207.79	152.95	10560
D-959	64038.62	19206.49	152.42	10561
D-959	64044.86	19126.64	157.92	10562
D-959	64059.55	19127.54	158.15	10563
D-960	64039.81	19197.69	153.84	10564
D-960	64025.16	19196.52	153.11	10565
D-960	64029.82	19125.99	157.58	10566
D-960	64044.54	19126.86	157.90	10567

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-961	64069.63	19170.48	156.45	10568
D-961	64055.20	19169.42	156.31	10569
D-961	64055.68	19165.38	156.47	10570
D-961	64070.49	19165.69	156.66	10571
D-962	64029.92	19125.87	157.59	10572
D-962	64015.12	19125.12	157.03	10573
D-962	64010.53	19192.05	152.38	10574
D-962	64025.16	19193.03	153.59	10575
D-963	64011.39	19185.12	153.45	10576
D-963	63996.80	19184.56	152.26	10577
D-963	64001.55	19124.64	156.55	10578
D-963	64015.75	19125.00	157.06	10579
D-964	63982.96	19178.46	151.88	10580
D-964	63997.27	19178.70	153.16	10581
D-964	63999.05	19152.89	155.71	10582
D-964	63984.28	19151.79	155.37	10583
D-965	63998.52	19155.41	155.59	10584
D-965	63984.32	19154.19	155.27	10585
D-965	63986.85	19123.61	155.94	10586
D-965	64001.64	19125.07	156.55	10587
D-966	63969.30	19170.84	151.57	10588
D-966	63983.49	19171.86	152.85	10589
D-966	63987.08	19124.32	155.94	10590
D-966	63972.23	19125.60	155.33	10591
D-967	63809.04	19140.86	122.73	10592
D-967	63808.31	19126.18	122.75	10593
D-967	63799.93	19141.16	122.99	10594
D-967	63799.43	19126.07	123.12	10595
D-968	63808.92	19140.34	122.74	10596
D-968	63809.25	19155.00	122.78	10597
D-968	63799.80	19140.45	122.85	10598
D-968	63799.71	19154.78	122.88	10599
D-969	63809.44	19168.81	123.11	10600
D-969	63809.22	19154.66	122.75	10601
D-969	63800.13	19169.09	122.80	10602
D-969	63799.62	19154.57	122.84	10603

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-970	63809.83	19182.41	123.02	10604
D-970	63809.40	19168.46	123.12	10605
D-970	63800.24	19168.59	122.86	10606
D-970	63800.45	19182.86	122.99	10607
D-971	63809.77	19189.02	123.05	10608
D-971	63809.87	19181.96	123.00	10609
D-971	63801.08	19189.23	122.96	10610
D-971	63800.48	19182.21	123.09	10611
D-972	63812.14	19188.07	122.25	10612
D-972	63812.49	19202.47	122.19	10613
D-972	63802.58	19187.86	124.23	10614
D-972	63802.32	19202.69	124.40	10615
D-973	63812.56	19216.21	122.22	10616
D-973	63812.49	19202.47	122.19	10617
D-973	63801.88	19201.99	124.26	10618
D-973	63801.34	19216.62	124.39	10619
D-974	63812.39	19230.46	122.32	10620
D-974	63812.56	19216.21	122.22	10621
D-974	63801.58	19216.30	124.43	10622
D-974	63801.45	19230.78	124.13	10623
D-975	63813.57	19238.66	123.01	10624
D-975	63810.01	19235.20	123.32	10625
D-975	63812.78	19231.60	122.22	10626
D-975	63812.39	19230.46	122.32	10627
D-975	63801.45	19230.78	124.13	10628
D-975	63802.23	19241.36	124.33	10629
D-975	63809.39	19245.50	123.99	10630
D-976	63826.74	19242.86	122.36	10631
D-976	63814.39	19237.31	122.51	10632
D-976	63809.39	19245.50	123.99	10633
D-976	63822.60	19251.51	124.13	10634
D-977	63839.36	19249.00	122.29	10635
D-977	63826.74	19242.86	122.36	10636
D-977	63822.24	19252.31	124.30	10637
D-977	63835.10	19258.37	124.28	10638
D-978	63839.36	19249.00	122.29	10639
D-978	63851.92	19256.32	122.50	10640
D-978	63835.10	19258.37	124.28	10641
D-978	63847.86	19265.32	124.37	10642

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-979	63851.92	19256.32	122.50	10644
D-979	63847.86	19265.32	124.37	10645
D-979	63864.25	19263.28	122.60	5966
D-979	63860.57	19272.15	123.00	5967
D-980	63868.57	19265.68	122.66	10643
D-980	63864.25	19263.28	122.60	5964
D-980	63860.57	19272.15	123.00	5965
D-980	63863.44	19273.62	122.96	10646
D-981	63880.75	19272.92	122.85	10647
D-981	63868.57	19265.68	122.66	10648
D-981	63863.44	19273.62	122.96	10649
D-981	63875.92	19280.96	123.26	10650
D-982	63893.29	19280.31	123.03	10651
D-982	63880.75	19272.92	122.85	10652
D-982	63875.92	19280.96	123.26	10653
D-982	63888.14	19288.24	123.35	10654
D-983	63905.40	19287.24	123.07	10655
D-983	63893.29	19280.31	123.03	10656
D-983	63888.14	19288.24	123.35	10657
D-983	63900.51	19294.78	123.32	10658
D-984	63917.19	19294.14	123.18	10659
D-984	63905.40	19287.24	123.07	10660
D-984	63900.51	19294.78	123.32	10661
D-984	63912.82	19301.58	123.43	10662
D-985	63929.67	19301.89	123.40	10663
D-985	63917.19	19294.14	123.18	10664
D-985	63912.82	19301.58	123.43	10665
D-985	63925.37	19309.21	123.25	10666
D-986	63929.67	19301.89	123.40	10667
D-986	63925.37	19309.21	123.25	10668
D-986	63937.42	19316.35	123.44	10669
D-986	63941.23	19308.76	123.54	10670
D-987	63953.46	19315.95	123.62	10671
D-987	63941.23	19308.76	123.54	10672
D-987	63937.42	19316.35	123.44	10673
D-987	63949.63	19322.80	123.40	10674

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-988	63961.67	19329.05	128.43	10675
D-988	63949.63	19322.80	123.40	10676
D-988	63964.97	19322.62	123.74	10677
D-988	63953.46	19315.95	123.62	10678
D-989	63812.87	19117.82	121.00	10679
D-989	63812.72	19131.55	120.86	10680
D-989	63884.89	19136.39	140.95	10681
D-989	63930.20	19137.76	148.47	10682
D-989	63967.41	19139.50	154.79	10683
D-989	63972.23	19125.60	155.33	10684
D-989	63931.29	19123.80	148.67	10685
D-989	63885.83	19121.64	141.13	10686
D-989	63812.87	19117.82	121.00	10687
D-990	63967.41	19139.50	154.79	10688
D-990	63930.20	19137.76	148.47	10689
D-990	63884.89	19136.39	140.95	10690
D-990	63812.72	19131.55	120.86	10691
D-990	63812.85	19146.63	120.85	10692
D-990	63882.91	19151.01	140.61	10693
D-990	63929.05	19152.40	148.25	10694
D-990	63966.94	19154.07	153.62	10695
D-991	63812.85	19146.63	120.85	10696
D-991	63812.93	19160.76	121.04	10697
D-991	63866.84	19163.91	137.94	10698
D-991	63919.39	19166.24	146.27	10699
D-991	63944.09	19167.03	149.10	10700
D-991	63965.94	19168.00	151.61	10701
D-991	63966.55	19154.05	153.58	10702
D-991	63929.05	19152.40	148.25	10703
D-991	63882.91	19151.01	140.61	10704
D-992	63812.93	19160.76	121.04	10705
D-992	63812.90	19174.82	121.40	10706
D-992	63869.06	19178.08	138.30	10707
D-992	63921.84	19180.42	145.76	10708
D-992	63922.38	19166.33	146.67	10709
D-992	63866.84	19163.91	137.94	10710

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-993	63812.90	19174.82	121.40	10711
D-993	63813.15	19189.27	122.32	10712
D-993	63834.59	19190.59	126.91	10713
D-993	63869.06	19192.67	137.35	10714
D-993	63907.65	19193.99	142.61	10715
D-993	63907.90	19179.80	143.93	10716
D-993	63869.06	19178.08	138.30	10717
D-994	63966.68	19217.44	144.90	10718
D-994	63952.24	19215.60	143.88	10719
D-994	63956.90	19172.81	150.23	10720
D-994	63971.24	19174.72	151.28	10721
D-995	63951.16	19232.58	141.39	10722
D-995	63936.64	19230.80	140.36	10723
D-995	63943.06	19170.91	148.68	10724
D-995	63957.38	19172.67	150.29	10725
D-996	63813.07	19189.07	122.30	10726
D-996	63813.43	19203.63	122.39	10727
D-996	63864.84	19206.87	134.35	10728
D-996	63894.71	19208.06	139.64	10729
D-996	63893.59	19193.61	140.89	10730
D-996	63864.65	19192.39	136.08	10731
D-997	63813.43	19203.63	122.39	10732
D-997	63813.60	19218.08	122.25	10733
D-997	63853.42	19220.30	128.83	10734
D-997	63886.18	19222.45	136.30	10735
D-997	63894.71	19208.06	139.64	10736
D-997	63864.84	19206.87	134.35	10737
D-998	63958.54	19316.71	123.90	10738
D-998	63962.35	19265.84	137.72	10739
D-998	63966.60	19216.71	144.99	10740
D-998	63952.30	19215.24	143.94	10741
D-998	63948.50	19258.44	137.38	10742
D-998	63944.57	19309.52	123.45	10743
D-999	63937.92	19219.00	142.14	10744
D-999	63923.54	19217.03	141.11	10745
D-999	63929.18	19166.06	147.56	10746
D-999	63943.51	19167.18	148.99	10747

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-1000	63945.05	19308.76	123.69	10748
D-1000	63948.69	19259.64	137.09	10749
D-1000	63951.56	19230.76	141.68	10750
D-1000	63937.05	19228.85	140.67	10751
D-1000	63934.80	19252.80	136.49	10752
D-1000	63930.64	19300.83	123.32	10753
D-1001	63922.96	19225.37	139.90	10754
D-1001	63921.11	19246.62	135.90	10755
D-1001	63917.35	19292.49	123.34	10756
D-1001	63931.46	19300.15	123.62	10757
D-1001	63934.90	19252.95	136.48	10758
D-1001	63937.66	19227.14	140.97	10759
D-1002	63903.17	19285.03	122.99	10760
D-1002	63917.45	19292.22	123.42	10761
D-1002	63922.03	19238.36	138.00	10762
D-1002	63926.27	19193.08	144.65	10763
D-1002	63929.97	19165.67	147.66	10764
D-1002	63915.52	19165.03	145.80	10765
D-1002	63912.14	19192.55	143.35	10766
D-1002	63908.19	19233.25	137.40	10767
D-1003	63938.08	19215.98	142.58	10768
D-1003	63923.49	19215.40	141.33	10769
D-1003	63922.36	19230.15	139.20	10770
D-1003	63936.88	19232.15	140.19	10771
D-1004	63889.66	19276.45	123.10	10772
D-1004	63903.49	19284.33	123.21	10773
D-1004	63908.42	19231.01	137.86	10774
D-1004	63913.45	19180.91	144.58	10775
D-1004	63899.28	19179.37	142.80	10776
D-1004	63894.47	19223.62	137.46	10777
D-1005	63957.06	19174.76	150.01	10778
D-1005	63971.37	19176.23	151.11	10779
D-1005	63977.36	19128.25	155.51	10780
D-1005	63963.06	19126.55	153.96	10781
D-1006	63957.06	19174.76	150.01	10782
D-1006	63958.04	19165.75	151.17	10783
D-1006	63943.54	19164.28	149.33	10784
D-1006	63943.19	19172.98	148.59	10785

488-4D GDL Panel Asbuilt Location Table

Subcontractor: Envirocon, Inc. Surveyor: GEL Engineering, Inc. PO#: 196912

Panel Designation	Northing	Easting	Elevation	Point Number
D-1007	63890.34	19276.43	123.22	10786
D-1007	63894.62	19225.07	137.11	10787
D-1007	63897.93	19193.50	141.42	10788
D-1007	63883.57	19192.08	139.66	10789
D-1007	63881.02	19218.45	136.11	10790
D-1007	63876.63	19268.03	123.15	10791
D-1008	63876.72	19267.76	123.22	10792
D-1008	63879.14	19240.00	130.39	10793
D-1008	63880.33	19220.87	135.46	10794
D-1008	63866.12	19219.78	132.32	10795
D-1008	63864.98	19236.74	128.29	10796
D-1008	63863.09	19260.69	122.92	10797
D-1009	63815.44	19232.59	122.42	10798
D-1009	63866.42	19235.06	129.03	10799
D-1009	63867.65	19220.96	132.45	10800
D-1009	63813.60	19218.08	122.25	10801
D-1009	63814.39	19231.35	122.30	10802
D-1010	63863.39	19260.58	122.98	10803
D-1010	63865.51	19232.77	129.34	10804
D-1010	63851.10	19231.70	126.24	10805
D-1010	63849.21	19252.61	122.87	10806
D-1011	63850.65	19230.75	126.36	10807
D-1011	63849.76	19252.70	122.93	10808
D-1011	63835.52	19245.30	122.61	10809
D-1011	63837.12	19229.39	124.51	10810
D-1012	63817.41	19237.15	122.04	10811
D-1012	63814.68	19233.36	122.15	10812
D-1012	63815.58	19230.23	122.68	10813
D-1012	63837.57	19231.76	124.47	10814
D-1012	63835.80	19245.83	122.54	10815

APPENDIX L3

488-4D Ash Landfill – Storm Drain – As-Built Point Table

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488-4D Ash Landfill - Storm Drain - Asbuilt Point Table

Point Description	Northing	Easting	Elevation	Point number
CB-1	64337.01	17646.87	125.89	9072
CB-2	64416.70	19515.68	125.99	58499
CB-4	64388.04	19536.65	125.11	58402
CB-5	64286.44	17673.15	126.00	11632
CB-6	63810.81	17703.13	124.01	9077
CB-7	63810.30	18447.06	123.91	9098
CB-8	63812.96	19235.12	119.64	35672
CO	64188.03	17660.23	126.98	226
CO	64192.49	17660.26	126.98	227
CO	63810.22	18845.06	125.88	2956
CO	63810.43	18850.38	125.82	3109
CO	63809.91	18045.84	126.05	7173
CO	63810.30	18049.80	126.05	7180
CO	63969.29	19324.33	125.82	9001
CO	64163.77	19419.19	127.52	9003
CO	64166.94	19420.75	127.48	9004
CO	64293.56	19481.80	126.18	9007
CO	64342.95	19285.50	126.19	9012
CO	64297.51	18999.38	127.11	9013
CO	64015.91	17659.98	125.82	9075
CO	64296.32	18162.99	127.33	9160
CO	64299.56	18599.33	128.48	9163
CO	64299.45	18602.72	128.52	9166
CO	64297.92	18382.95	127.95	831
CO	64297.18	17932.20	126.61	9157
HW TOP	63747.41	17613.01	114.33	9086
HW TOP	63749.35	17613.07	114.30	9089
HW TOP	63745.33	17612.48	114.31	9090
HW TOP	63636.05	19266.46	116.91	9105
HW TOP	63638.12	19266.35	116.98	9106
IE 19" CIP	63588.56	19191.09	119.45	9044
IE 19" CIP	63591.22	19254.21	119.10	9045
IE 19" CIP	63588.77	19254.30	119.10	9046
IE 19"CIP	63591.09	19191.22	119.39	9000
IE 24" CPP	63731.69	17704.84	112.06	9080
IE 24" CPP	64426.61	19538.61	121.71	9178
IE 24" CPP	64336.32	17646.95	121.78	3133
IE 24" CPP	64313.28	17646.95	121.91	3137
IE 24" CPP	63809.72	17702.89	119.74	4219
IE 24" CPP	63808.89	18446.85	119.75	4279
IE 24" CPP	63767.61	17703.28	118.97	9025
IE 24" CPP	64388.91	19536.74	121.99	9183
IE 24" CPP	64311.71	17647.73	121.91	11635
IE 24" CPP	64287.04	17672.54	122.03	11642
IE 24" CPP	63768.55	18446.92	118.96	50303
IE 24" CPP	63760.95	19189.21	118.99	50595
IE 24" RCP	63638.16	19267.39	113.54	9047
IE 24" RCP	63747.47	17612.04	110.96	9084

IE 24"CPP	63812.23	19234.40	119.92	9020
IE 36" CPP	64428.30	19538.96	121.24	9175
IE 36" CPP	64427.32	19537.87	121.29	9177
IE 36" CPP	64337.47	17646.88	121.51	3086
IE 6" PVC(D1)	64388.72	19535.52	122.05	9181
IE 6" PVC(D11)	64387.28	19536.25	122.02	9185
IE 6" PVC(D2)	64287.52	17674.32	123.00	11941
IE 6" PVC(D3)	64285.33	17672.02	123.03	11921
IE 6" PVC(D4)	63810.78	17700.82	121.02	5972
IE 6" PVC(D5)	63810.78	17705.05	121.05	5985
IE 6" PVC(D6)	63810.25	18445.77	121.00	8621
IE 6" PVC(D7)	63810.16	18449.18	121.02	8647
IE 6" PVC(D8)	63813.78	19233.67	120.88	9018
IE 6" PVC(D9)	63814.13	19235.92	120.91	9017
IE FES 1	63764.79	17702.96	118.84	9026
IE FES 2	63765.86	18447.12	118.65	50301
IE FES 3	63758.86	19187.26	118.78	9040
IE FES-4	64198.70	19436.25	127.01	58382
IE FES-5	64259.41	19465.41	126.33	58383
IE 24" RCP	63639.73	19179.78	114.01	49467
OUTLET STRUCTURE 1	63640.01	19178.27	118.00	479
OUTLET STRUCTURE 2	63731.69	17706.25	116.02	9082
SDMH-1	64427.31	19538.84	127.37	9172
SDMH-2	64312.51	17646.95	129.28	3105

APPENDIX M

DAOU FILL MATERIAL AND TOPSOIL EVALUATION

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APPENDIX M

D-Area Operable Unit Fill Material and Top Soil Evaluation

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D-Area Operable Unit Fill Material and Top Soil Evaluation

Soil samples were collected from two source areas and evaluated per the requirements of the *SRS Fill and Soil Cover Material Verification Protocol* (WSRC 2003). These two areas are the Common Fill Borrow Site located near D Area at the Savannah River Site (SRS), and the Jackson Stockpile located outside the SRS boundary in Jackson, South Carolina. The soil was used as fill material and/or top soil for the 488-2D Ash Bash and the 488-4D Ash Landfill. This evaluation concludes that the soil from both of these source areas meets the requirements for use as fill material / top soil at the D-Area Operable Unit (DAOU) under an unrestricted (residential) land use scenario.

Sample Collection and Analysis

Samples were collected and analyzed in accordance with the testing requirements for common fill and top soil that are outlined in the *Removal Action Design Plan (RADP) for the 488-4D Ash Landfill and the 488-2D Ash Basin (U)* (SRNS 2015). Soil from the Common Fill Borrow Site that was used as fill material was sampled at an initial rate of one composite sample every 765 m^3 (1,000 yd^3) for the first 11,468 m^3 (15,000 yd^3); once this material was demonstrated to be acceptable, both by concentration and spatial distribution, representative samples were collected at a rate of one composite sample every 11,468 m^3 (15,000 yd^3) thereafter. Top soil obtained from both the Common Fill Borrow Site and the Jackson Stockpile was sampled at an initial rate of one composite sample every 765 m^3 (1,000 yd^3) for the first 7,646 m^3 (10,000 yd^3); once this material was demonstrated to be acceptable, both by concentration and spatial distribution, representative samples were collected at a rate of one composite sample every 1,911 m^3 (2,500 yd^3) thereafter.

Each composite sample consisted of five sub-samples from the source. Each sub-sample taken from the working face of the pile consisted of representative soil taken for the entire vertical extent. The soil samples were analyzed for target analyte list, target compound list, gross alpha and non-volatile beta; samples exceeding the 20 pCi/g gross alpha and/or 50 pCi/g non-volatile beta screening limits triggered additional isotopic analysis.

Data Evaluation Method

The maximum detected concentration of each constituent was compared to the default residential soil values from the *USEPA Regional Screening Levels (RSLs)* website, dated May 2016 (USEPA 2016) for nonradiological constituents, and site-specific residential values obtained from the *USEPA Preliminary Remedial Goals (PRGs) for Radionuclides* website, dated November 2014 for radiological constituents. Constituents with maximum detected concentrations that exceeded these risk-based thresholds were then compared to the SRS background soil 95th percentile concentration identified in the *Background Soils Statistical Summary Report for the Savannah River Site* (WSRC 2006). Constituents that did not exceed these preliminary screening criteria met the acceptance criteria and were dropped from further evaluation; constituents that did not meet the preliminary screening criteria were further evaluated in an uncertainty discussion. The preliminary screening criteria are the same for fill material and top soil.

Data Evaluation Results for the Common Fill Borrow Site

The location of the Common Fill Borrow Site located near D Area at SRS is shown in Figure 1. A total of 64 samples (samples DAABFILL01 through DAABFILL64) were collected from this source; Figure 2 is a map of the sample locations. All detected results, sorted by ANALYTE from high concentration to low concentration, are provided as an attachment (Table 1, Attachment 1). All analytical results, including nondetects, sorted by STATION ID, are provided in an attachment (Table 1, Attachment 2).

The preliminary data evaluation is shown in Table 1. The maximum detected concentration of five constituents exceeded the residential RSL/PRG threshold (arsenic, chromium, radium-226[+D], thorium-232[+D], and uranium-238[+D]). The concentration of these constituents was then compared to the SRS background soil 95th percentile concentration (WSRC 2006). None of these constituent concentrations exceeded the background comparison, and further evaluation in an uncertainty discussion is not warranted. This soil meets the requirements for use as fill material / top soil at DAOU under an unrestricted (residential) land use scenario.

Data Evaluation Results for the Jackson Stockpile

The location of the Jackson Stockpile in Jackson, SC is shown in Figure 3. A total of 15 samples (samples DAAB TS01 through DAAB TS-15) were collected from this source; Figure 4 is a map of the sample locations. All detected results, sorted by ANALYTE from high concentration to low concentration, are provided as an attachment (Table 2, Attachment 1. All analytical results, including nondetects, sorted by STATION ID, are provided in an attachment (Table 2, Attachment 2).

The preliminary data evaluation is shown in Table 2. Arsenic and chromium were the only constituent concentrations that exceeded the residential RSL/PRG threshold; the concentration of these constituents was then compared to the SRS background soil 95th percentile concentration (WSRC 2006). The maximum detected concentration of arsenic did not exceed the background concentration and meets the clean fill criteria. However, the maximum detected concentration of chromium is slightly greater than the SRS 95th percentile concentration and further evaluation is provided below for this constituent.

Total chromium concentrations ranged from 4.32 mg/kg to 34.3 mg/kg with a mean concentration of 7.04 mg/kg. Sample location DAAB-TS-04 had the highest detected concentration. The next highest concentration of 10.4 mg/kg occurred at DAAB-TS-14.

Maximum concentration in SRS background soils is 54.3 mg/kg and the mean concentration is 11.4 mg/kg. The Jackson Stockpile total chromium concentrations are within (i.e., lower than) the concentrations found in SRS background soil. Chromium is a naturally-occurring constituent that is ubiquitous in SRS soils.

Chromium occurs in the environment primarily in two valence states, trivalent chromium (Cr^{+3}), and hexavalent chromium (Cr^{+6}). Exposure may occur from natural or industrial sources of chromium. Trivalent chromium is much less toxic than hexavalent chromium- the trivalent form is considered noncancerous, whereas the hexavalent form is considered cancerous. Chromium compounds, in the Cr^{+3} or Cr^{+6} forms, are used for chrome plating, the manufacture of dyes and pigments, and leather and wood preservation. The USEPA recommends that valence-specific state data for chromium be collected when chromium is likely to be an important contaminant at

the site. Since this is not the case at this location (i.e., chromium not a significant contaminant or risk driver), the valence state of chromium was not determined- the chemical analysis was for total chromium.

The data screening presented in Table 2 used the Cr^{+6} RSL of 0.30 mg/kg to perform the preliminary evaluation. This conservative approach tends to bias the evaluation, since it is likely that the trivalent form of chromium is most prevalent at the site. The RSL for Cr^{+3} is 120,000 mg/kg for the residential exposure scenario.

Chromium meets the criteria for unrestricted land used based on the following lines-of-evidence:

- Unit concentrations are within the SRS background soil concentration range.
- It is a naturally-occurring constituent that is common in SRS background soils.
- The valence state of chromium was not determined- analytical result was for total chromium. Preliminary data screening is biased (high) because the most conservative RSL (Cr^{+6}) was used, but this form is not expected to be present. The unit maximum concentration is below residential RSL values for Cr^{+3}, the most likely form of chromium at this location.

Conclusion

This evaluation concludes that the soil from the Common Fill Borrow Site and the Jackson Stockpile meets the requirements for use as fill material / top soil at the DAOU under an unrestricted (residential) land use scenario.

References

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WSRC, 2003. *SRS Fill and Soil Cover Material Verification Protocol (U),* Technical Memorandum ERTEC-2003-00012, Westinghouse Savannah River Company, Savannah River Site, Aiken SC

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Figure 1. Location of Common Fill Borrow Site near D-Area

Figure 2. Sample Locations at the Common Fill Borrow Site



Figure 3. Location of Jackson Stockpile in Jackson, South Carolina

Figure 4. Sample Locations at the Jackson Stockpile

Table 1. D-Area Fill Material/Top Soil Evaluation For Common Fill Borrow Site — Samples DAABFILL01 Through DAABFILL64

Station ID	Analyte[1]	Maximum Result[2]	Units	Lab Qualifier	Residential RSL/PRG[3]	Max Result > RSL/PRG?	SRS 95th %tile[4]	Max Result > SRS 95th %tile?	Meets Clean Fill Criteria?[5]
Inorganics									
DAABFILL16	Aluminum	6,920	mg/kg		77,000	NO			YES
DAABFILL23	Antimony	0.992	mg/kg	J	31	NO			YES
DAABFILL35	Arsenic	6.59	mg/kg		0.68	YES	8.2	NO	YES
DAABFILL09	Barium	48	mg/kg		15,000	NO			YES
DAABFILL16	Beryllium	7.61	mg/kg		160	NO			YES
DAABFILL16	Cadmium	0.288	mg/kg	J	71	NO			YES
DAABFILL16	Calcium	345	mg/kg		EN[6]	NO			YES
DAABFILL16	Chromium	17.8	mg/kg		0.30	YES	29.92	NO	YES
DAABFILL06	Cobalt	1.75	mg/kg		23	NO			YES
DAABFILL06	Copper	4.53	mg/kg		3,100	NO			YES
DAABFILL16	Iron	30,900	mg/kg		55,000	NO			YES
DAABFILL05	Lead	7.37	mg/kg		400	NO			YES
DAABFILL16	Magnesium	378	mg/kg		EN[6]	NO			YES
DAABFILL06	Manganese	326	mg/kg		1,800	NO			YES
DAABFILL08	Mercury	0.111	mg/kg		11	NO			YES
DAABFILL16	Nickel	8.42	mg/kg		1,500	NO			YES
DAABFILL16	Potassium	414	mg/kg		EN[6]	NO			YES
DAABFILL49	Selenium	6.03	mg/kg		390	NO			YES
DAABFILL16	Silver	0.191	mg/kg	J	390	NO			YES
DAABFILL14	Sodium	52	mg/kg		EN[6]	NO			YES
DAABFILL05	Vanadium	49.8	mg/kg		390	NO			YES
DAABFILL16	Zinc	27.5	mg/kg		23,000	NO			YES
Organics									
DAABFILL57	Acetone	0.0924	mg/kg		61,000	NO			YES
DAABFILL59	Cumene (Isopropylbenzene)	0.00038	mg/kg	J	1,900	NO			YES

Table 1. D-Area Fill Material/Top Soil Evaluation For Common Fill Borrow Site — Samples DAABFILL01 Through DAABFILL64 *(Continued)*

Station ID	Analyte[1]	Maximum Result[2]	Units	Lab Qualifier	Residential RSL/PRG[3]	Max Result > RSL/PRG?	SRS 95th %tile[4]	Max Result > SRS 95th %tile?	Meets Clean Fill Criteria?[5]
Organics *(cont'd)*									
DAABFILL50	Dichloromethane (Methylene Chloride)	0.00308	mg/kg	J	57	NO			YES
DAABFILL34	Ethylbenzene	0.000437	mg/kg	J	5.8	NO			YES
DAABFILL34	M,P-xylene	0.00186	mg/kg	J	550	NO			YES
DAABFILL57	Methyl Ethyl Ketone	0.0716	mg/kg		27,000	NO			YES
DAABFILL34	O-xylene	0.000537	mg/kg	J	650	NO			YES
DAABFILL61	Styrene	0.00602	mg/kg		6,000	NO			YES
DAABFILL04	Tetrachloroethylene (PCE)	0.000655	mg/kg	J	24	NO			YES
DAABFILL57	Benzoic Acid	0.759	mg/kg		250,000	NO			YES
DAABFILL02	Di-N-Butyl Phthalate	0.152	mg/kg	J	6,300	NO			YES
DAABFILL57	M/P-Cresol	0.112	mg/kg	J	6,300	NO			YES
DAABFILL54	Safrole	0.167	mg/kg	J	0.55	NO			YES
Pesticides/PCBs									
DAABFILL50	Aroclor 1260	0.0138	mg/kg		0.24	NO			YES
DAABFILL43	DDE	0.00173	mg/kg		2.0	NO			YES
DAABFILL48	DDT	0.00165	mg/kg		1.9	NO			YES
DAABFILL26	Endosulfan Sulfate	0.000582	mg/kg	J	470	NO			YES
DAABFILL06	Methoxychlor	0.00219	mg/kg	J	320	NO			YES
Radionuclides									
DAABFILL16	Radium-226(+D)	1.06	pCi/g		0.0138	YES	1.195	NO	YES
DAABFILL16	Thorium-230	0.957	pCi/g		5.07	NO			YES
DAABFILL14	Thorium-232(+D)	1.88	pCi/g		0.0268	YES	1.94	NO	YES

Table 1. D-Area Fill Material/Top Soil Evaluation For Common Fill Borrow Site — Samples DAABFILL01 Through DAABFILL64 *(Continued/End)*

Station ID	Analyte[1]	Maximum Result[2]	Units	Lab Qualifier	Residential RSL/PRG[3]	Max Result > RSL/PRG?	SRS 95th %tile[4]	Max Result > SRS 95th %tile?	Meets Clean Fill Criteria?[5]
Radionuclides *(cont'd)*									
DAABFILL14	Radium-228	1.79	pCi/g		NA[7]	NA[7]			YES
DAABFILL14	Thorium-228	1.91	pCi/g		NA[7]	NA[7]			YES
DAABFILL16	Uranium-233/234	0.876	pCi/g		5.63	NO			YES
DAABFILL16	Uranium-238(+D)	0.902	pCi/g		0.798	YES	1.2175	NO	YES

1. Analytes detected from samples DAABFILL01 through DAABFILL64 (64 total).
2. Maximum detected concentration from samples DAABFILL01 through DAABFILL64.
3. Residential RSLs from *USEPA Regional Screening Levels* table, dated May 2016. Residential PRGs are site-specific values derived using the *USEPA Radionuclide Preliminary Remediation Goals for Superfund* website calculator and eliminating the fruit and vegetable consumption pathways. All other inputs are default parameters.
4. SRS 95th percentile concentration obtained from the *Background Soils Statistical Summary Report for Savannah River Site*, ERD-EN-2005-0223, Rev.1, Appendix B-2.
5. Clean fill criteria described in Technical Memorandum *SRS Fill and Cover Material Verification Protocol (U)*, ERTEC-2003-00012, December 18, 2003.
6. EN = essential nutrient; RSL is not available for this constituent.
7. NA = not applicable: radium-228 and thorium-228 are daughter products of thorium-232. In the absence of a reported result for thorium-232, the activities of these daughter products can be used to estimate the activity of thorium-232 since these constituents are in secular equilibrium. The thorium-232(+D) PRG is then used in the screening comparison. A separate screen for radium-228 and thorium-228 is not performed since these are considered in the thorium-232(+D) PRG calculation.

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Table 2. D-Area Fill Material/Top Soil Evaluation For Jackson Stockpile — Samples DAAB-TS-01 Through DAAB-TS-15

Station ID	Analyte[1]	Maximum Result[2]	Units	Lab Qualifier	Residential RSL[3]	Max Result > RSL?	SRS 95th %tile[4]	Max Result > SRS 95th %tile?	Meets Clean Fill Criteria?[5]
Inorganics									
DAAB-TS-04	Arsenic	3.8	mg/kg		0.68	YES	8.2	NO	YES
DAAB-TS-04	Beryllium	0.356	mg/kg	J	160	NO			YES
DAAB-TS-04	Chromium	34.3	mg/kg		0.3	YES	29.92	YES	NO[6]
DAAB-TS-10	Copper	2.9	mg/kg		3,100	NO			YES
DAAB-TS-13	Cyanide	0.169	mg/kg	J	23	NO			YES
DAAB-TS-13	Lead	6.31	mg/kg		400	NO			YES
DAAB-TS-10	Mercury	0.0209	mg/kg		11	NO			YES
DAAB-TS-06	Nickel	1.26	mg/kg		1,500	NO			YES
DAAB-TS-07	Zinc	8.18	mg/kg		23,000	NO			YES
Organics									
DAAB-TS-06	Acetone	0.0104	mg/kg		61,000	NO			YES
DAAB-TS-03	M,P-Xylene	0.00115	mg/kg	J	550	NO			YES
DAAB-TS-08	Methyl Tertiary Butyl Ether (MTBE)	0.000584	mg/kg	J	47	NO			YES
Pesticides/PCBs									
DAAB-TS-14	Aroclor 1254	0.00562	mg/kg		0.24	NO			YES

1. Analytes detected from samples DAAB-TS-01 through DAAB-TS-15 (15 total).
2. Maximum detected concentration from samples DAAB-TS-01 through DAAB-TS-15.
3. Residential RSLs from *USEPA Regional Screening Levels* table, dated May 2016.
4. SRS 95th percentile concentration obtained from the *Background Soils Statistical Summary Report for Savannah River Site*, ERD-EN-2005-0223, Rev.1, Appendix B-2.
5. Clean fill criteria described in Technical Memorandum *SRS Fill and Cover Material Verification Protocol (U)*, ERTEC-2003-00012, December 18, 2003.
6. RSL for hexavalent chromium used in evaluation. Residential RSL for trivalent chromium (120,000 mg/kg) is not exceeded in any samples. Maximum detection of chromium at location DAAB-TS-04 (34.3 mg/kg) is greater than SRS 95th%tile but less than the SRS maximum concentration of 54.3 mg/kg. Further evaluation is provided in the text.

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ATTACHMENTS

Table 1	*Attachment 1* —	Detected Results from Common Fill Borrow Site Samples DAABFILL01 through DAABFILL64
	Attachment 2 —	All Data from Common Fill Borrow Site Samples DAABFILL01 through DAABFILL64
Table 2	*Attachment 1* —	Detected Results from Jackson Stockpile Site Samples DAAB-TS-01 through DAAB-TS-15
	Attachment 2 —	All Data from Jackson Stockpile Site Samples DAAB-TS-01 through DAAB-TS-15

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TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL16	EPA6010C	Aluminum	6,920,000	µg/kg		7,110	20,900	µg/kg
DAABFILL44	EPA6010C	Aluminum	5,910,000	µg/kg		6,360	18,700	µg/kg
DAABFILL09	EPA6010C	Aluminum	5,430,000	µg/kg		7,060	20,800	µg/kg
DAABFILL35	EPA6010C	Aluminum	4,550,000	µg/kg		6,960	20,500	µg/kg
DAABFILL13	EPA6010C	Aluminum	4,340,000	µg/kg		6,490	19,100	µg/kg
DAABFILL12	EPA6010C	Aluminum	4,230,000	µg/kg		7,330	21,600	µg/kg
DAABFILL05	EPA6010C	Aluminum	4,020,000	µg/kg		7,490	22,000	µg/kg
DAABFILL27	EPA6010C	Aluminum	3,960,000	µg/kg		7,580	22,300	µg/kg
DAABFILL25	EPA6010C	Aluminum	3,550,000	µg/kg		7,070	20,800	µg/kg
DAABFILL34	EPA6010C	Aluminum	3,370,000	µg/kg		6,920	20,400	µg/kg
DAABFILL07	EPA6010C	Aluminum	3,360,000	µg/kg		6,790	20,000	µg/kg
DAABFILL14	EPA6010C	Aluminum	3,150,000	µg/kg		6,680	19,700	µg/kg
DAABFILL11	EPA6010C	Aluminum	3,110,000	µg/kg		7,020	20,700	µg/kg
DAABFILL02	EPA6010C	Aluminum	2,980,000	µg/kg		6,540	19,200	µg/kg
DAABFILL04	EPA6010C	Aluminum	2,980,000	µg/kg		7,180	21,100	µg/kg
DAABFILL01	EPA6010C	Aluminum	2,920,000	µg/kg		6,560	19,300	µg/kg
DAABFILL06	EPA6010C	Aluminum	2,870,000	µg/kg		6,490	19,100	µg/kg
DAABFILL08	EPA6010C	Aluminum	2,850,000	µg/kg		6,530	19,200	µg/kg
DAABFILL10	EPA6010C	Aluminum	2,710,000	µg/kg		6,990	20,600	µg/kg
DAABFILL28	EPA6010C	Aluminum	2,550,000	µg/kg		6,840	20,100	µg/kg
DAABFILL26	EPA6010C	Aluminum	2,450,000	µg/kg		7,270	21,400	µg/kg
DAABFILL32	EPA6010C	Aluminum	2,270,000	µg/kg		7,400	21,800	µg/kg
DAABFILL22	EPA6010C	Aluminum	2,190,000	µg/kg		6,190	18,200	µg/kg
DAABFILL03	EPA6010C	Aluminum	2,180,000	µg/kg		7,010	20,600	µg/kg
DAABFILL30	EPA6010C	Aluminum	2,170,000	µg/kg		7,230	21,300	µg/kg
DAABFILL24	EPA6010C	Aluminum	2,040,000	µg/kg		7,390	21,700	µg/kg
DAABFILL42	EPA6010C	Aluminum	1,960,000	µg/kg		7,390	21,700	µg/kg
DAABFILL56	EPA6010C	Aluminum	1,910,000	µg/kg		7,820	23,000	µg/kg
DAABFILL33	EPA6010C	Aluminum	1,870,000	µg/kg		7,020	20,600	µg/kg
DAABFILL49	EPA6010C	Aluminum	1,870,000	µg/kg		7,690	22,600	µg/kg
DAABFILL62	EPA6010C	Aluminum	1,860,000	µg/kg		6,790	20,000	µg/kg
DAABFILL29	EPA6010C	Aluminum	1,850,000	µg/kg		7,640	22,500	µg/kg
DAABFILL55	EPA6010C	Aluminum	1,850,000	µg/kg		7,950	23,400	µg/kg
DAABFILL59	EPA6010C	Aluminum	1,560,000	µg/kg		6,790	20,000	µg/kg
DAABFILL47	EPA6010C	Aluminum	1,510,000	µg/kg		7,120	21,000	µg/kg
DAABFILL21	EPA6010C	Aluminum	1,480,000	µg/kg		7,460	22,000	µg/kg
DAABFILL48	EPA6010C	Aluminum	1,470,000	µg/kg		7,600	22,300	µg/kg
DAABFILL15	EPA6010C	Aluminum	1,440,000	µg/kg		6,500	19,100	µg/kg
DAABFILL17	EPA6010C	Aluminum	1,380,000	µg/kg		7,850	23,100	µg/kg
DAABFILL31	EPA6010C	Aluminum	1,370,000	µg/kg		7,150	21,000	µg/kg
DAABFILL23	EPA6010C	Aluminum	1,360,000	µg/kg		7,240	21,300	µg/kg
DAABFILL60	EPA6010C	Aluminum	1,360,000	µg/kg		6,980	20,500	µg/kg
DAABFILL63	EPA6010C	Aluminum	1,350,000	µg/kg		8,400	24,700	µg/kg
DAABFILL36	EPA6010C	Aluminum	1,220,000	µg/kg		6,460	19,000	µg/kg
DAABFILL37	EPA6010C	Aluminum	1,220,000	µg/kg		7,570	22,300	µg/kg
DAABFILL43	EPA6010C	Aluminum	1,180,000	µg/kg		6,730	19,800	µg/kg
DAABFILL50	EPA6010C	Aluminum	1,180,000	µg/kg		6,670	19,600	µg/kg
DAABFILL19	EPA6010C	Aluminum	1,170,000	µg/kg		8,120	23,900	µg/kg
DAABFILL39	EPA6010C	Aluminum	1,170,000	µg/kg		6,980	20,500	µg/kg
DAABFILL64	EPA6010C	Aluminum	1,140,000	µg/kg		6,930	20,400	µg/kg
DAABFILL54	EPA6010C	Aluminum	1,110,000	µg/kg		6,880	20,200	µg/kg
DAABFILL20	EPA6010C	Aluminum	1,080,000	µg/kg		7,420	21,800	µg/kg
DAABFILL41	EPA6010C	Aluminum	1,030,000	µg/kg		6,770	19,900	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL40	EPA6010C	Aluminum	949,000	µg/kg		6,850	20,200	µg/kg
DAABFILL52	EPA6010C	Aluminum	931,000	µg/kg		6,860	20,200	µg/kg
DAABFILL57	EPA6010C	Aluminum	915,000	µg/kg		7,210	21,200	µg/kg
DAABFILL61	EPA6010C	Aluminum	902,000	µg/kg		7,690	22,600	µg/kg
DAABFILL18	EPA6010C	Aluminum	873,000	µg/kg		7,070	20,800	µg/kg
DAABFILL53	EPA6010C	Aluminum	807,000	µg/kg		6,620	19,500	µg/kg
DAABFILL51	EPA6010C	Aluminum	770,000	µg/kg		6,920	20,300	µg/kg
DAABFILL38	EPA6010C	Aluminum	653,000	µg/kg		6,990	20,600	µg/kg
DAABFILL58	EPA6010C	Aluminum	580,000	µg/kg		7,010	20,600	µg/kg
DAABFILL46	EPA6010C	Aluminum	497,000	µg/kg		7,200	21,200	µg/kg
DAABFILL45	EPA6010C	Aluminum	380,000	µg/kg		6,540	19,200	µg/kg
DAABFILL23	EPA6010C	Antimony	992	µg/kg	J	351	1,060	µg/kg
DAABFILL27	EPA6010C	Antimony	654	µg/kg	J	368	1,110	µg/kg
DAABFILL49	EPA6010C	Antimony	523	µg/kg	J	373	1,130	µg/kg
DAABFILL31	EPA6010C	Antimony	472	µg/kg	J	347	1,050	µg/kg
DAABFILL17	EPA6010C	Antimony	441	µg/kg	J	381	1,150	µg/kg
DAABFILL50	EPA6010C	Antimony	363	µg/kg	J	324	981	µg/kg
DAABFILL47	EPA6010C	Antimony	361	µg/kg	J	346	1,050	µg/kg
DAABFILL35	EPA6010C	Arsenic	6,590	µg/kg		512	3,070	µg/kg
DAABFILL34	EPA6010C	Arsenic	6,140	µg/kg		509	3,050	µg/kg
DAABFILL32	EPA6010C	Arsenic	6,030	µg/kg		544	3,260	µg/kg
DAABFILL26	EPA6010C	Arsenic	5,560	µg/kg		534	3,210	µg/kg
DAABFILL23	EPA6010C	Arsenic	4,620	µg/kg		532	3,190	µg/kg
DAABFILL44	EPA6010C	Arsenic	4,570	µg/kg		468	2,810	µg/kg
DAABFILL36	EPA6010C	Arsenic	3,560	µg/kg		475	2,850	µg/kg
DAABFILL16	EPA6010C	Arsenic	3,550	µg/kg		523	3,140	µg/kg
DAABFILL43	EPA6010C	Arsenic	3,470	µg/kg		495	2,970	µg/kg
DAABFILL13	EPA6010C	Arsenic	2,170	µg/kg	J	477	2,860	µg/kg
DAABFILL09	EPA6010C	Arsenic	1,650	µg/kg	J	519	3,120	µg/kg
DAABFILL12	EPA6010C	Arsenic	1,630	µg/kg	J	539	3,240	µg/kg
DAABFILL05	EPA6010C	Arsenic	1,560	µg/kg	J	550	3,300	µg/kg
DAABFILL14	EPA6010C	Arsenic	1,450	µg/kg	J	491	2,950	µg/kg
DAABFILL11	EPA6010C	Arsenic	1,210	µg/kg	J	516	3,100	µg/kg
DAABFILL10	EPA6010C	Arsenic	1,060	µg/kg	J	514	3,080	µg/kg
DAABFILL06	EPA6010C	Arsenic	935	µg/kg	J	477	2,860	µg/kg
DAABFILL07	EPA6010C	Arsenic	842	µg/kg	J	500	3,000	µg/kg
DAABFILL04	EPA6010C	Arsenic	689	µg/kg	J	528	3,170	µg/kg
DAABFILL01	EPA6010C	Arsenic	647	µg/kg	J	482	2,890	µg/kg
DAABFILL08	EPA6010C	Arsenic	637	µg/kg	J	480	2,880	µg/kg
DAABFILL09	EPA6010C	Barium	48,000	µg/kg		104	519	µg/kg
DAABFILL07	EPA6010C	Barium	39,300	µg/kg		100	500	µg/kg
DAABFILL06	EPA6010C	Barium	38,500	µg/kg		95	477	µg/kg
DAABFILL13	EPA6010C	Barium	30,200	µg/kg		95	477	µg/kg
DAABFILL16	EPA6010C	Barium	27,600	µg/kg		105	523	µg/kg
DAABFILL01	EPA6010C	Barium	25,500	µg/kg		97	482	µg/kg
DAABFILL08	EPA6010C	Barium	21,700	µg/kg		96	480	µg/kg
DAABFILL25	EPA6010C	Barium	21,000	µg/kg		104	520	µg/kg
DAABFILL12	EPA6010C	Barium	19,500	µg/kg		108	539	µg/kg
DAABFILL28	EPA6010C	Barium	19,500	µg/kg		101	503	µg/kg
DAABFILL04	EPA6010C	Barium	18,400	µg/kg		106	528	µg/kg
DAABFILL44	EPA6010C	Barium	17,200	µg/kg		94	468	µg/kg
DAABFILL02	EPA6010C	Barium	16,900	µg/kg		96	481	µg/kg
DAABFILL22	EPA6010C	Barium	16,700	µg/kg		91	455	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL14	EPA6010C	Barium	16,500	µg/kg		98	491	µg/kg
DAABFILL59	EPA6010C	Barium	16,400	µg/kg		100	499	µg/kg
DAABFILL62	EPA6010C	Barium	14,400	µg/kg		100	499	µg/kg
DAABFILL47	EPA6010C	Barium	13,000	µg/kg		105	524	µg/kg
DAABFILL05	EPA6010C	Barium	12,900	µg/kg		110	550	µg/kg
DAABFILL36	EPA6010C	Barium	12,600	µg/kg		95	475	µg/kg
DAABFILL34	EPA6010C	Barium	11,700	µg/kg		102	509	µg/kg
DAABFILL11	EPA6010C	Barium	11,500	µg/kg		103	516	µg/kg
DAABFILL56	EPA6010C	Barium	11,100	µg/kg		115	575	µg/kg
DAABFILL31	EPA6010C	Barium	10,700	µg/kg		105	526	µg/kg
DAABFILL03	EPA6010C	Barium	10,400	µg/kg		103	515	µg/kg
DAABFILL33	EPA6010C	Barium	10,200	µg/kg		103	516	µg/kg
DAABFILL10	EPA6010C	Barium	10,100	µg/kg		103	514	µg/kg
DAABFILL49	EPA6010C	Barium	10,100	µg/kg		113	565	µg/kg
DAABFILL27	EPA6010C	Barium	9,680	µg/kg		111	557	µg/kg
DAABFILL60	EPA6010C	Barium	9,650	µg/kg		103	513	µg/kg
DAABFILL35	EPA6010C	Barium	9,000	µg/kg		102	512	µg/kg
DAABFILL42	EPA6010C	Barium	8,860	µg/kg		109	544	µg/kg
DAABFILL18	EPA6010C	Barium	8,570	µg/kg		104	520	µg/kg
DAABFILL39	EPA6010C	Barium	8,310	µg/kg		103	513	µg/kg
DAABFILL64	EPA6010C	Barium	8,140	µg/kg		102	510	µg/kg
DAABFILL43	EPA6010C	Barium	8,090	µg/kg		99	495	µg/kg
DAABFILL29	EPA6010C	Barium	7,980	µg/kg		112	562	µg/kg
DAABFILL50	EPA6010C	Barium	7,880	µg/kg		98	490	µg/kg
DAABFILL37	EPA6010C	Barium	7,790	µg/kg		111	556	µg/kg
DAABFILL57	EPA6010C	Barium	7,570	µg/kg		106	530	µg/kg
DAABFILL26	EPA6010C	Barium	7,170	µg/kg		107	534	µg/kg
DAABFILL52	EPA6010C	Barium	6,810	µg/kg		101	504	µg/kg
DAABFILL30	EPA6010C	Barium	6,350	µg/kg		106	532	µg/kg
DAABFILL55	EPA6010C	Barium	6,210	µg/kg		117	584	µg/kg
DAABFILL41	EPA6010C	Barium	6,070	µg/kg		100	498	µg/kg
DAABFILL19	EPA6010C	Barium	5,900	µg/kg		119	597	µg/kg
DAABFILL54	EPA6010C	Barium	5,900	µg/kg		101	506	µg/kg
DAABFILL17	EPA6010C	Barium	5,780	µg/kg		115	577	µg/kg
DAABFILL21	EPA6010C	Barium	5,640	µg/kg		110	549	µg/kg
DAABFILL63	EPA6010C	Barium	5,520	µg/kg		124	618	µg/kg
DAABFILL20	EPA6010C	Barium	5,050	µg/kg		109	546	µg/kg
DAABFILL48	EPA6010C	Barium	4,910	µg/kg		112	559	µg/kg
DAABFILL40	EPA6010C	Barium	4,860	µg/kg		101	504	µg/kg
DAABFILL32	EPA6010C	Barium	4,580	µg/kg		109	544	µg/kg
DAABFILL51	EPA6010C	Barium	4,440	µg/kg		102	509	µg/kg
DAABFILL15	EPA6010C	Barium	4,420	µg/kg		96	478	µg/kg
DAABFILL53	EPA6010C	Barium	4,230	µg/kg		97	487	µg/kg
DAABFILL58	EPA6010C	Barium	3,510	µg/kg		103	516	µg/kg
DAABFILL61	EPA6010C	Barium	3,480	µg/kg		113	565	µg/kg
DAABFILL38	EPA6010C	Barium	3,020	µg/kg		103	514	µg/kg
DAABFILL46	EPA6010C	Barium	2,910	µg/kg		106	529	µg/kg
DAABFILL24	EPA6010C	Barium	2,880	µg/kg		109	543	µg/kg
DAABFILL23	EPA6010C	Barium	2,720	µg/kg		106	532	µg/kg
DAABFILL45	EPA6010C	Barium	2,060	µg/kg		96	481	µg/kg
DAABFILL16	EPA6010C	Beryllium	7,610	µg/kg		105	523	µg/kg
DAABFILL13	EPA6010C	Beryllium	609	µg/kg		95	477	µg/kg
DAABFILL14	EPA6010C	Beryllium	427	µg/kg	J	98	491	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL09	EPA6010C	Beryllium	232	µg/kg	J	104	519	µg/kg
DAABFILL06	EPA6010C	Beryllium	209	µg/kg	J	95	477	µg/kg
DAABFILL07	EPA6010C	Beryllium	193	µg/kg	J	100	500	µg/kg
DAABFILL08	EPA6010C	Beryllium	162	µg/kg	J	96	480	µg/kg
DAABFILL35	EPA6010C	Beryllium	141	µg/kg	J	102	512	µg/kg
DAABFILL04	EPA6010C	Beryllium	140	µg/kg	J	106	528	µg/kg
DAABFILL01	EPA6010C	Beryllium	133	µg/kg	J	97	482	µg/kg
DAABFILL25	EPA6010C	Beryllium	127	µg/kg	J	104	520	µg/kg
DAABFILL12	EPA6010C	Beryllium	124	µg/kg	J	108	539	µg/kg
DAABFILL44	EPA6010C	Beryllium	120	µg/kg	J	94	468	µg/kg
DAABFILL02	EPA6010C	Beryllium	117	µg/kg	J	96	481	µg/kg
DAABFILL11	EPA6010C	Beryllium	117	µg/kg	J	103	516	µg/kg
DAABFILL36	EPA6010C	Beryllium	106	µg/kg	J	95	475	µg/kg
DAABFILL22	EPA6010C	Beryllium	103	µg/kg	J	91	455	µg/kg
DAABFILL43	EPA6010C	Beryllium	101	µg/kg	J	99	495	µg/kg
DAABFILL16	EPA6010C	Cadmium	288	µg/kg	J	105	523	µg/kg
DAABFILL13	EPA6010C	Cadmium	99	µg/kg	J	95	477	µg/kg
DAABFILL16	EPA6010C	Calcium	345,000	µg/kg		8,360	26,100	µg/kg
DAABFILL13	EPA6010C	Calcium	203,000	µg/kg		7,640	23,900	µg/kg
DAABFILL09	EPA6010C	Calcium	175,000	µg/kg		8,310	26,000	µg/kg
DAABFILL14	EPA6010C	Calcium	150,000	µg/kg		7,860	24,600	µg/kg
DAABFILL12	EPA6010C	Calcium	148,000	µg/kg		8,630	27,000	µg/kg
DAABFILL27	EPA6010C	Calcium	142,000	µg/kg		8,920	27,900	µg/kg
DAABFILL10	EPA6010C	Calcium	138,000	µg/kg		8,220	25,700	µg/kg
DAABFILL07	EPA6010C	Calcium	124,000	µg/kg		7,990	25,000	µg/kg
DAABFILL06	EPA6010C	Calcium	123,000	µg/kg		7,630	23,800	µg/kg
DAABFILL11	EPA6010C	Calcium	119,000	µg/kg		8,260	25,800	µg/kg
DAABFILL34	EPA6010C	Calcium	115,000	µg/kg		8,140	25,400	µg/kg
DAABFILL08	EPA6010C	Calcium	113,000	µg/kg		7,690	24,000	µg/kg
DAABFILL44	EPA6010C	Calcium	99,900	µg/kg		7,480	23,400	µg/kg
DAABFILL35	EPA6010C	Calcium	78,900	µg/kg		8,190	25,600	µg/kg
DAABFILL04	EPA6010C	Calcium	74,200	µg/kg		8,440	26,400	µg/kg
DAABFILL25	EPA6010C	Calcium	73,100	µg/kg		8,310	26,000	µg/kg
DAABFILL30	EPA6010C	Calcium	62,400	µg/kg		8,510	26,600	µg/kg
DAABFILL42	EPA6010C	Calcium	62,400	µg/kg		8,700	27,200	µg/kg
DAABFILL22	EPA6010C	Calcium	61,600	µg/kg		7,280	22,800	µg/kg
DAABFILL55	EPA6010C	Calcium	56,300	µg/kg		9,350	29,200	µg/kg
DAABFILL49	EPA6010C	Calcium	55,400	µg/kg		9,040	28,300	µg/kg
DAABFILL21	EPA6010C	Calcium	54,300	µg/kg		8,780	27,400	µg/kg
DAABFILL59	EPA6010C	Calcium	51,900	µg/kg		7,990	25,000	µg/kg
DAABFILL29	EPA6010C	Calcium	49,300	µg/kg		8,990	28,100	µg/kg
DAABFILL17	EPA6010C	Calcium	38,000	µg/kg		9,230	28,800	µg/kg
DAABFILL01	EPA6010C	Calcium	37,900	µg/kg		7,720	24,100	µg/kg
DAABFILL28	EPA6010C	Calcium	37,700	µg/kg		8,040	25,100	µg/kg
DAABFILL54	EPA6010C	Calcium	37,100	µg/kg		8,090	25,300	µg/kg
DAABFILL63	EPA6010C	Calcium	34,500	µg/kg		9,880	30,900	µg/kg
DAABFILL62	EPA6010C	Calcium	34,200	µg/kg		7,990	25,000	µg/kg
DAABFILL37	EPA6010C	Calcium	34,100	µg/kg		8,900	27,800	µg/kg
DAABFILL48	EPA6010C	Calcium	29,700	µg/kg		8,940	27,900	µg/kg
DAABFILL64	EPA6010C	Calcium	29,000	µg/kg		8,160	25,500	µg/kg
DAABFILL02	EPA6010C	Calcium	25,600	µg/kg		7,690	24,000	µg/kg
DAABFILL47	EPA6010C	Calcium	25,300	µg/kg	J	8,380	26,200	µg/kg
DAABFILL05	EPA6010C	Calcium	24,900	µg/kg	J	8,810	27,500	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL40	EPA6010C	Calcium	24,000	µg/kg	J	8,060	25,200	µg/kg
DAABFILL33	EPA6010C	Calcium	23,900	µg/kg	J	8,250	25,800	µg/kg
DAABFILL53	EPA6010C	Calcium	23,900	µg/kg	J	7,790	24,400	µg/kg
DAABFILL19	EPA6010C	Calcium	23,300	µg/kg	J	9,560	29,900	µg/kg
DAABFILL61	EPA6010C	Calcium	23,100	µg/kg	J	9,050	28,300	µg/kg
DAABFILL31	EPA6010C	Calcium	23,000	µg/kg	J	8,410	26,300	µg/kg
DAABFILL56	EPA6010C	Calcium	22,400	µg/kg	J	9,200	28,800	µg/kg
DAABFILL32	EPA6010C	Calcium	21,700	µg/kg	J	8,710	27,200	µg/kg
DAABFILL20	EPA6010C	Calcium	21,300	µg/kg	J	8,730	27,300	µg/kg
DAABFILL60	EPA6010C	Calcium	20,900	µg/kg	J	8,210	25,600	µg/kg
DAABFILL03	EPA6010C	Calcium	20,100	µg/kg	J	8,240	25,800	µg/kg
DAABFILL50	EPA6010C	Calcium	19,100	µg/kg	J	7,840	24,500	µg/kg
DAABFILL26	EPA6010C	Calcium	18,500	µg/kg	J	8,550	26,700	µg/kg
DAABFILL38	EPA6010C	Calcium	17,300	µg/kg	J	8,220	25,700	µg/kg
DAABFILL39	EPA6010C	Calcium	16,900	µg/kg	J	8,210	25,600	µg/kg
DAABFILL15	EPA6010C	Calcium	15,700	µg/kg	J	7,650	23,900	µg/kg
DAABFILL23	EPA6010C	Calcium	15,100	µg/kg	J	8,520	26,600	µg/kg
DAABFILL52	EPA6010C	Calcium	13,700	µg/kg	J	8,070	25,200	µg/kg
DAABFILL57	EPA6010C	Calcium	13,100	µg/kg	J	8,480	26,500	µg/kg
DAABFILL36	EPA6010C	Calcium	13,000	µg/kg	J	7,600	23,700	µg/kg
DAABFILL18	EPA6010C	Calcium	12,800	µg/kg	J	8,310	26,000	µg/kg
DAABFILL43	EPA6010C	Calcium	12,800	µg/kg	J	7,910	24,700	µg/kg
DAABFILL46	EPA6010C	Calcium	12,600	µg/kg	J	8,470	26,500	µg/kg
DAABFILL51	EPA6010C	Calcium	12,000	µg/kg	J	8,140	25,400	µg/kg
DAABFILL58	EPA6010C	Calcium	11,900	µg/kg	J	8,250	25,800	µg/kg
DAABFILL41	EPA6010C	Calcium	10,300	µg/kg	J	7,970	24,900	µg/kg
DAABFILL16	EPA6010C	Chromium	17,800	µg/kg		157	523	µg/kg
DAABFILL05	EPA6010C	Chromium	13,700	µg/kg		165	550	µg/kg
DAABFILL32	EPA6010C	Chromium	12,400	µg/kg		163	544	µg/kg
DAABFILL13	EPA6010C	Chromium	11,800	µg/kg		143	477	µg/kg
DAABFILL14	EPA6010C	Chromium	11,800	µg/kg		147	491	µg/kg
DAABFILL35	EPA6010C	Chromium	10,500	µg/kg		154	512	µg/kg
DAABFILL27	EPA6010C	Chromium	10,400	µg/kg		167	557	µg/kg
DAABFILL44	EPA6010C	Chromium	10,300	µg/kg		140	468	µg/kg
DAABFILL12	EPA6010C	Chromium	7,630	µg/kg		162	539	µg/kg
DAABFILL24	EPA6010C	Chromium	7,330	µg/kg		163	543	µg/kg
DAABFILL26	EPA6010C	Chromium	7,120	µg/kg		160	534	µg/kg
DAABFILL34	EPA6010C	Chromium	6,760	µg/kg		153	509	µg/kg
DAABFILL23	EPA6010C	Chromium	5,710	µg/kg		160	532	µg/kg
DAABFILL10	EPA6010C	Chromium	5,060	µg/kg		154	514	µg/kg
DAABFILL09	EPA6010C	Chromium	4,990	µg/kg		156	519	µg/kg
DAABFILL15	EPA6010C	Chromium	4,920	µg/kg		143	478	µg/kg
DAABFILL11	EPA6010C	Chromium	4,000	µg/kg		155	516	µg/kg
DAABFILL04	EPA6010C	Chromium	3,220	µg/kg		158	528	µg/kg
DAABFILL07	EPA6010C	Chromium	3,210	µg/kg		150	500	µg/kg
DAABFILL25	EPA6010C	Chromium	3,100	µg/kg		156	520	µg/kg
DAABFILL08	EPA6010C	Chromium	2,990	µg/kg		144	480	µg/kg
DAABFILL01	EPA6010C	Chromium	2,840	µg/kg		145	482	µg/kg
DAABFILL42	EPA6010C	Chromium	2,690	µg/kg		163	544	µg/kg
DAABFILL02	EPA6010C	Chromium	2,640	µg/kg		144	481	µg/kg
DAABFILL06	EPA6010C	Chromium	2,480	µg/kg		143	477	µg/kg
DAABFILL03	EPA6010C	Chromium	2,420	µg/kg		155	515	µg/kg
DAABFILL29	EPA6010C	Chromium	2,050	µg/kg		169	562	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL30	EPA6010C	Chromium	2,050	µg/kg		160	532	µg/kg
DAABFILL28	EPA6010C	Chromium	1,950	µg/kg		151	503	µg/kg
DAABFILL40	EPA6010C	Chromium	1,760	µg/kg		151	504	µg/kg
DAABFILL63	EPA6010C	Chromium	1,640	µg/kg		185	618	µg/kg
DAABFILL22	EPA6010C	Chromium	1,620	µg/kg		137	455	µg/kg
DAABFILL51	EPA6010C	Chromium	1,580	µg/kg		153	509	µg/kg
DAABFILL33	EPA6010C	Chromium	1,540	µg/kg		155	516	µg/kg
DAABFILL62	EPA6010C	Chromium	1,510	µg/kg		150	499	µg/kg
DAABFILL48	EPA6010C	Chromium	1,490	µg/kg		168	559	µg/kg
DAABFILL56	EPA6010C	Chromium	1,480	µg/kg		173	575	µg/kg
DAABFILL64	EPA6010C	Chromium	1,480	µg/kg		153	510	µg/kg
DAABFILL49	EPA6010C	Chromium	1,470	µg/kg		170	565	µg/kg
DAABFILL59	EPA6010C	Chromium	1,420	µg/kg		150	499	µg/kg
DAABFILL17	EPA6010C	Chromium	1,330	µg/kg		173	577	µg/kg
DAABFILL50	EPA6010C	Chromium	1,330	µg/kg		147	490	µg/kg
DAABFILL20	EPA6010C	Chromium	1,320	µg/kg		164	546	µg/kg
DAABFILL60	EPA6010C	Chromium	1,240	µg/kg		154	513	µg/kg
DAABFILL37	EPA6010C	Chromium	1,230	µg/kg		167	556	µg/kg
DAABFILL19	EPA6010C	Chromium	1,140	µg/kg		179	597	µg/kg
DAABFILL55	EPA6010C	Chromium	1,120	µg/kg		175	584	µg/kg
DAABFILL31	EPA6010C	Chromium	1,100	µg/kg		158	526	µg/kg
DAABFILL41	EPA6010C	Chromium	1,080	µg/kg		149	498	µg/kg
DAABFILL47	EPA6010C	Chromium	1,060	µg/kg		157	524	µg/kg
DAABFILL39	EPA6010C	Chromium	1,040	µg/kg		154	513	µg/kg
DAABFILL43	EPA6010C	Chromium	1,010	µg/kg	J	148	495	µg/kg
DAABFILL21	EPA6010C	Chromium	881	µg/kg		165	549	µg/kg
DAABFILL57	EPA6010C	Chromium	874	µg/kg		159	530	µg/kg
DAABFILL36	EPA6010C	Chromium	869	µg/kg	J	142	475	µg/kg
DAABFILL58	EPA6010C	Chromium	833	µg/kg		155	516	µg/kg
DAABFILL53	EPA6010C	Chromium	832	µg/kg		146	487	µg/kg
DAABFILL38	EPA6010C	Chromium	816	µg/kg		154	514	µg/kg
DAABFILL61	EPA6010C	Chromium	814	µg/kg		170	565	µg/kg
DAABFILL54	EPA6010C	Chromium	802	µg/kg		152	506	µg/kg
DAABFILL45	EPA6010C	Chromium	777	µg/kg		144	481	µg/kg
DAABFILL18	EPA6010C	Chromium	728	µg/kg		156	520	µg/kg
DAABFILL46	EPA6010C	Chromium	726	µg/kg		159	529	µg/kg
DAABFILL52	EPA6010C	Chromium	702	µg/kg		151	504	µg/kg
DAABFILL06	EPA6010C	Cobalt	1,750	µg/kg		143	477	µg/kg
DAABFILL07	EPA6010C	Cobalt	1,580	µg/kg		150	500	µg/kg
DAABFILL16	EPA6010C	Cobalt	1,370	µg/kg		157	523	µg/kg
DAABFILL29	EPA6010C	Cobalt	1,370	µg/kg		169	562	µg/kg
DAABFILL08	EPA6010C	Cobalt	1,340	µg/kg		144	480	µg/kg
DAABFILL09	EPA6010C	Cobalt	1,160	µg/kg		156	519	µg/kg
DAABFILL01	EPA6010C	Cobalt	946	µg/kg		145	482	µg/kg
DAABFILL25	EPA6010C	Cobalt	841	µg/kg		156	520	µg/kg
DAABFILL44	EPA6010C	Cobalt	802	µg/kg		140	468	µg/kg
DAABFILL35	EPA6010C	Cobalt	762	µg/kg		154	512	µg/kg
DAABFILL02	EPA6010C	Cobalt	729	µg/kg		144	481	µg/kg
DAABFILL43	EPA6010C	Cobalt	728	µg/kg		148	495	µg/kg
DAABFILL62	EPA6010C	Cobalt	700	µg/kg		150	499	µg/kg
DAABFILL47	EPA6010C	Cobalt	649	µg/kg		157	524	µg/kg
DAABFILL04	EPA6010C	Cobalt	640	µg/kg		158	528	µg/kg
DAABFILL11	EPA6010C	Cobalt	629	µg/kg		155	516	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL33	EPA6010C	Cobalt	618	µg/kg		155	516	µg/kg
DAABFILL13	EPA6010C	Cobalt	602	µg/kg		143	477	µg/kg
DAABFILL32	EPA6010C	Cobalt	592	µg/kg		163	544	µg/kg
DAABFILL28	EPA6010C	Cobalt	570	µg/kg		151	503	µg/kg
DAABFILL31	EPA6010C	Cobalt	567	µg/kg		158	526	µg/kg
DAABFILL22	EPA6010C	Cobalt	559	µg/kg		137	455	µg/kg
DAABFILL34	EPA6010C	Cobalt	536	µg/kg		153	509	µg/kg
DAABFILL12	EPA6010C	Cobalt	516	µg/kg	J	162	539	µg/kg
DAABFILL14	EPA6010C	Cobalt	455	µg/kg	J	147	491	µg/kg
DAABFILL39	EPA6010C	Cobalt	446	µg/kg	J	154	513	µg/kg
DAABFILL50	EPA6010C	Cobalt	444	µg/kg	J	147	490	µg/kg
DAABFILL26	EPA6010C	Cobalt	426	µg/kg	J	160	534	µg/kg
DAABFILL60	EPA6010C	Cobalt	425	µg/kg	J	154	513	µg/kg
DAABFILL36	EPA6010C	Cobalt	424	µg/kg	J	142	475	µg/kg
DAABFILL41	EPA6010C	Cobalt	424	µg/kg	J	149	498	µg/kg
DAABFILL64	EPA6010C	Cobalt	371	µg/kg	J	153	510	µg/kg
DAABFILL52	EPA6010C	Cobalt	370	µg/kg	J	151	504	µg/kg
DAABFILL23	EPA6010C	Cobalt	367	µg/kg	J	160	532	µg/kg
DAABFILL56	EPA6010C	Cobalt	365	µg/kg	J	173	575	µg/kg
DAABFILL59	EPA6010C	Cobalt	364	µg/kg	J	150	499	µg/kg
DAABFILL20	EPA6010C	Cobalt	348	µg/kg	J	164	546	µg/kg
DAABFILL17	EPA6010C	Cobalt	344	µg/kg	J	173	577	µg/kg
DAABFILL55	EPA6010C	Cobalt	342	µg/kg	J	175	584	µg/kg
DAABFILL03	EPA6010C	Cobalt	329	µg/kg	J	155	515	µg/kg
DAABFILL57	EPA6010C	Cobalt	316	µg/kg	J	159	530	µg/kg
DAABFILL40	EPA6010C	Cobalt	303	µg/kg	J	151	504	µg/kg
DAABFILL10	EPA6010C	Cobalt	281	µg/kg	J	154	514	µg/kg
DAABFILL30	EPA6010C	Cobalt	279	µg/kg	J	160	532	µg/kg
DAABFILL49	EPA6010C	Cobalt	257	µg/kg	J	170	565	µg/kg
DAABFILL37	EPA6010C	Cobalt	256	µg/kg	J	167	556	µg/kg
DAABFILL48	EPA6010C	Cobalt	253	µg/kg	J	168	559	µg/kg
DAABFILL42	EPA6010C	Cobalt	245	µg/kg	J	163	544	µg/kg
DAABFILL27	EPA6010C	Cobalt	218	µg/kg	J	167	557	µg/kg
DAABFILL21	EPA6010C	Cobalt	216	µg/kg	J	165	549	µg/kg
DAABFILL19	EPA6010C	Cobalt	215	µg/kg	J	179	597	µg/kg
DAABFILL61	EPA6010C	Cobalt	194	µg/kg	J	170	565	µg/kg
DAABFILL46	EPA6010C	Cobalt	193	µg/kg	J	159	529	µg/kg
DAABFILL51	EPA6010C	Cobalt	188	µg/kg	J	153	509	µg/kg
DAABFILL54	EPA6010C	Cobalt	184	µg/kg	J	152	506	µg/kg
DAABFILL53	EPA6010C	Cobalt	174	µg/kg	J	146	487	µg/kg
DAABFILL38	EPA6010C	Cobalt	173	µg/kg	J	154	514	µg/kg
DAABFILL18	EPA6010C	Cobalt	157	µg/kg	J	156	520	µg/kg
DAABFILL45	EPA6010C	Cobalt	157	µg/kg	J	144	481	µg/kg
DAABFILL06	EPA6010C	Copper	4,530	µg/kg		286	954	µg/kg
DAABFILL16	EPA6010C	Copper	3,300	µg/kg		314	1,050	µg/kg
DAABFILL09	EPA6010C	Copper	2,960	µg/kg		312	1,040	µg/kg
DAABFILL12	EPA6010C	Copper	2,540	µg/kg		324	1,080	µg/kg
DAABFILL44	EPA6010C	Copper	2,450	µg/kg		281	936	µg/kg
DAABFILL13	EPA6010C	Copper	1,960	µg/kg		286	954	µg/kg
DAABFILL10	EPA6010C	Copper	1,950	µg/kg		308	1,030	µg/kg
DAABFILL11	EPA6010C	Copper	1,820	µg/kg		310	1,030	µg/kg
DAABFILL27	EPA6010C	Copper	1,810	µg/kg		334	1,110	µg/kg
DAABFILL07	EPA6010C	Copper	1,790	µg/kg		300	999	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL08	EPA6010C	Copper	1,720	µg/kg		288	961	µg/kg
DAABFILL05	EPA6010C	Copper	1,670	µg/kg		330	1,100	µg/kg
DAABFILL28	EPA6010C	Copper	1,670	µg/kg		302	1,010	µg/kg
DAABFILL35	EPA6010C	Copper	1,570	µg/kg		307	1,020	µg/kg
DAABFILL02	EPA6010C	Copper	1,370	µg/kg		288	961	µg/kg
DAABFILL14	EPA6010C	Copper	1,360	µg/kg		295	983	µg/kg
DAABFILL04	EPA6010C	Copper	1,290	µg/kg		317	1,060	µg/kg
DAABFILL01	EPA6010C	Copper	1,270	µg/kg		289	965	µg/kg
DAABFILL25	EPA6010C	Copper	1,270	µg/kg		312	1,040	µg/kg
DAABFILL34	EPA6010C	Copper	1,240	µg/kg		305	1,020	µg/kg
DAABFILL24	EPA6010C	Copper	1,000	µg/kg	J	326	1,090	µg/kg
DAABFILL03	EPA6010C	Copper	943	µg/kg	J	309	1,030	µg/kg
DAABFILL22	EPA6010C	Copper	888	µg/kg	J	273	910	µg/kg
DAABFILL26	EPA6010C	Copper	849	µg/kg	J	321	1,070	µg/kg
DAABFILL42	EPA6010C	Copper	787	µg/kg	J	326	1,090	µg/kg
DAABFILL30	EPA6010C	Copper	777	µg/kg	J	319	1,060	µg/kg
DAABFILL55	EPA6010C	Copper	774	µg/kg	J	351	1,170	µg/kg
DAABFILL62	EPA6010C	Copper	761	µg/kg	J	300	999	µg/kg
DAABFILL49	EPA6010C	Copper	744	µg/kg	J	339	1,130	µg/kg
DAABFILL56	EPA6010C	Copper	714	µg/kg	J	345	1,150	µg/kg
DAABFILL29	EPA6010C	Copper	708	µg/kg	J	337	1,120	µg/kg
DAABFILL47	EPA6010C	Copper	696	µg/kg	J	314	1,050	µg/kg
DAABFILL59	EPA6010C	Copper	688	µg/kg	J	299	998	µg/kg
DAABFILL32	EPA6010C	Copper	667	µg/kg	J	326	1,090	µg/kg
DAABFILL48	EPA6010C	Copper	661	µg/kg	J	335	1,120	µg/kg
DAABFILL33	EPA6010C	Copper	627	µg/kg	J	310	1,030	µg/kg
DAABFILL21	EPA6010C	Copper	611	µg/kg	J	329	1,100	µg/kg
DAABFILL31	EPA6010C	Copper	585	µg/kg	J	316	1,050	µg/kg
DAABFILL43	EPA6010C	Copper	585	µg/kg	J	297	989	µg/kg
DAABFILL60	EPA6010C	Copper	571	µg/kg	J	308	1,030	µg/kg
DAABFILL64	EPA6010C	Copper	552	µg/kg	J	306	1,020	µg/kg
DAABFILL17	EPA6010C	Copper	534	µg/kg	J	346	1,150	µg/kg
DAABFILL63	EPA6010C	Copper	533	µg/kg	J	371	1,240	µg/kg
DAABFILL20	EPA6010C	Copper	530	µg/kg	J	328	1,090	µg/kg
DAABFILL37	EPA6010C	Copper	510	µg/kg	J	334	1,110	µg/kg
DAABFILL41	EPA6010C	Copper	487	µg/kg	J	299	996	µg/kg
DAABFILL54	EPA6010C	Copper	486	µg/kg	J	303	1,010	µg/kg
DAABFILL39	EPA6010C	Copper	481	µg/kg	J	308	1,030	µg/kg
DAABFILL40	EPA6010C	Copper	457	µg/kg	J	302	1,010	µg/kg
DAABFILL61	EPA6010C	Copper	450	µg/kg	J	339	1,130	µg/kg
DAABFILL52	EPA6010C	Copper	447	µg/kg	J	303	1,010	µg/kg
DAABFILL51	EPA6010C	Copper	446	µg/kg	J	305	1,020	µg/kg
DAABFILL50	EPA6010C	Copper	440	µg/kg	J	294	981	µg/kg
DAABFILL15	EPA6010C	Copper	438	µg/kg	J	287	956	µg/kg
DAABFILL36	EPA6010C	Copper	419	µg/kg	J	285	950	µg/kg
DAABFILL58	EPA6010C	Copper	411	µg/kg	J	309	1,030	µg/kg
DAABFILL18	EPA6010C	Copper	405	µg/kg	J	312	1,040	µg/kg
DAABFILL53	EPA6010C	Copper	403	µg/kg	J	292	974	µg/kg
DAABFILL19	EPA6010C	Copper	398	µg/kg	J	358	1,190	µg/kg
DAABFILL57	EPA6010C	Copper	392	µg/kg	J	318	1,060	µg/kg
DAABFILL23	EPA6010C	Copper	355	µg/kg	J	319	1,060	µg/kg
DAABFILL16	EPA6010C	Iron	30,900,000	µg/kg		8,360	26,100	µg/kg
DAABFILL44	EPA6010C	Iron	16,200,000	µg/kg		7,480	23,400	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL35	EPA6010C	Iron	16,000,000	µg/kg		8,190	25,600	µg/kg
DAABFILL32	EPA6010C	Iron	13,900,000	µg/kg		8,710	27,200	µg/kg
DAABFILL27	EPA6010C	Iron	13,200,000	µg/kg		8,920	27,900	µg/kg
DAABFILL05	EPA6010C	Iron	12,900,000	µg/kg		8,810	27,500	µg/kg
DAABFILL13	EPA6010C	Iron	9,100,000	µg/kg		7,640	23,900	µg/kg
DAABFILL34	EPA6010C	Iron	7,840,000	µg/kg		8,140	25,400	µg/kg
DAABFILL24	EPA6010C	Iron	7,690,000	µg/kg		8,690	27,200	µg/kg
DAABFILL26	EPA6010C	Iron	7,660,000	µg/kg		8,550	26,700	µg/kg
DAABFILL14	EPA6010C	Iron	7,440,000	µg/kg		7,860	24,600	µg/kg
DAABFILL23	EPA6010C	Iron	7,030,000	µg/kg		8,520	26,600	µg/kg
DAABFILL12	EPA6010C	Iron	6,750,000	µg/kg		8,630	27,000	µg/kg
DAABFILL09	EPA6010C	Iron	6,130,000	µg/kg		8,310	26,000	µg/kg
DAABFILL10	EPA6010C	Iron	5,150,000	µg/kg		8,220	25,700	µg/kg
DAABFILL11	EPA6010C	Iron	5,100,000	µg/kg		8,260	25,800	µg/kg
DAABFILL07	EPA6010C	Iron	3,850,000	µg/kg		7,990	25,000	µg/kg
DAABFILL08	EPA6010C	Iron	3,680,000	µg/kg		7,690	24,000	µg/kg
DAABFILL25	EPA6010C	Iron	3,410,000	µg/kg		8,310	26,000	µg/kg
DAABFILL06	EPA6010C	Iron	3,110,000	µg/kg		7,630	23,800	µg/kg
DAABFILL04	EPA6010C	Iron	2,850,000	µg/kg		8,440	26,400	µg/kg
DAABFILL42	EPA6010C	Iron	2,710,000	µg/kg		8,700	27,200	µg/kg
DAABFILL49	EPA6010C	Iron	2,520,000	µg/kg		9,040	28,300	µg/kg
DAABFILL02	EPA6010C	Iron	2,290,000	µg/kg		7,690	24,000	µg/kg
DAABFILL03	EPA6010C	Iron	2,240,000	µg/kg		8,240	25,800	µg/kg
DAABFILL30	EPA6010C	Iron	2,120,000	µg/kg		8,510	26,600	µg/kg
DAABFILL01	EPA6010C	Iron	2,030,000	µg/kg		7,720	24,100	µg/kg
DAABFILL56	EPA6010C	Iron	2,020,000	µg/kg		9,200	28,800	µg/kg
DAABFILL62	EPA6010C	Iron	1,980,000	µg/kg		7,990	25,000	µg/kg
DAABFILL22	EPA6010C	Iron	1,970,000	µg/kg		7,280	22,800	µg/kg
DAABFILL15	EPA6010C	Iron	1,890,000	µg/kg		7,650	23,900	µg/kg
DAABFILL28	EPA6010C	Iron	1,850,000	µg/kg		8,040	25,100	µg/kg
DAABFILL59	EPA6010C	Iron	1,820,000	µg/kg		7,990	25,000	µg/kg
DAABFILL33	EPA6010C	Iron	1,610,000	µg/kg		8,250	25,800	µg/kg
DAABFILL29	EPA6010C	Iron	1,540,000	µg/kg		8,990	28,100	µg/kg
DAABFILL55	EPA6010C	Iron	1,540,000	µg/kg		9,350	29,200	µg/kg
DAABFILL63	EPA6010C	Iron	1,540,000	µg/kg		9,880	30,900	µg/kg
DAABFILL48	EPA6010C	Iron	1,500,000	µg/kg		8,940	27,900	µg/kg
DAABFILL60	EPA6010C	Iron	1,500,000	µg/kg		8,210	25,600	µg/kg
DAABFILL47	EPA6010C	Iron	1,460,000	µg/kg		8,380	26,200	µg/kg
DAABFILL17	EPA6010C	Iron	1,320,000	µg/kg		9,230	28,800	µg/kg
DAABFILL64	EPA6010C	Iron	1,280,000	µg/kg		8,160	25,500	µg/kg
DAABFILL31	EPA6010C	Iron	1,250,000	µg/kg		8,410	26,300	µg/kg
DAABFILL50	EPA6010C	Iron	1,210,000	µg/kg		7,840	24,500	µg/kg
DAABFILL37	EPA6010C	Iron	1,180,000	µg/kg		8,900	27,800	µg/kg
DAABFILL61	EPA6010C	Iron	1,170,000	µg/kg		9,050	28,300	µg/kg
DAABFILL20	EPA6010C	Iron	1,120,000	µg/kg		8,730	27,300	µg/kg
DAABFILL21	EPA6010C	Iron	1,080,000	µg/kg		8,780	27,400	µg/kg
DAABFILL54	EPA6010C	Iron	1,010,000	µg/kg		8,090	25,300	µg/kg
DAABFILL39	EPA6010C	Iron	995,000	µg/kg		8,210	25,600	µg/kg
DAABFILL36	EPA6010C	Iron	932,000	µg/kg		7,600	23,700	µg/kg
DAABFILL43	EPA6010C	Iron	919,000	µg/kg		7,910	24,700	µg/kg
DAABFILL52	EPA6010C	Iron	905,000	µg/kg		8,070	25,200	µg/kg
DAABFILL57	EPA6010C	Iron	897,000	µg/kg		8,480	26,500	µg/kg
DAABFILL41	EPA6010C	Iron	857,000	µg/kg		7,970	24,900	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL40	EPA6010C	Iron	845,000	µg/kg		8,060	25,200	µg/kg
DAABFILL53	EPA6010C	Iron	830,000	µg/kg		7,790	24,400	µg/kg
DAABFILL19	EPA6010C	Iron	823,000	µg/kg		9,560	29,900	µg/kg
DAABFILL51	EPA6010C	Iron	807,000	µg/kg		8,140	25,400	µg/kg
DAABFILL38	EPA6010C	Iron	719,000	µg/kg		8,220	25,700	µg/kg
DAABFILL58	EPA6010C	Iron	669,000	µg/kg		8,250	25,800	µg/kg
DAABFILL46	EPA6010C	Iron	514,000	µg/kg		8,470	26,500	µg/kg
DAABFILL18	EPA6010C	Iron	503,000	µg/kg		8,310	26,000	µg/kg
DAABFILL45	EPA6010C	Iron	391,000	µg/kg		7,700	24,100	µg/kg
DAABFILL05	EPA6010C	Lead	7,370	µg/kg		363	1,100	µg/kg
DAABFILL16	EPA6010C	Lead	5,270	µg/kg		345	1,050	µg/kg
DAABFILL06	EPA6010C	Lead	4,180	µg/kg		315	954	µg/kg
DAABFILL12	EPA6010C	Lead	4,160	µg/kg		356	1,080	µg/kg
DAABFILL13	EPA6010C	Lead	3,840	µg/kg		315	954	µg/kg
DAABFILL44	EPA6010C	Lead	3,710	µg/kg		309	936	µg/kg
DAABFILL09	EPA6010C	Lead	3,400	µg/kg		343	1,040	µg/kg
DAABFILL07	EPA6010C	Lead	3,370	µg/kg		330	999	µg/kg
DAABFILL01	EPA6010C	Lead	3,100	µg/kg		318	965	µg/kg
DAABFILL04	EPA6010C	Lead	2,990	µg/kg		348	1,060	µg/kg
DAABFILL02	EPA6010C	Lead	2,850	µg/kg		317	961	µg/kg
DAABFILL08	EPA6010C	Lead	2,710	µg/kg		317	961	µg/kg
DAABFILL10	EPA6010C	Lead	2,490	µg/kg		339	1,030	µg/kg
DAABFILL14	EPA6010C	Lead	2,440	µg/kg		324	983	µg/kg
DAABFILL11	EPA6010C	Lead	2,180	µg/kg		341	1,030	µg/kg
DAABFILL25	EPA6010C	Lead	1,920	µg/kg		343	1,040	µg/kg
DAABFILL03	EPA6010C	Lead	1,800	µg/kg		340	1,030	µg/kg
DAABFILL28	EPA6010C	Lead	1,770	µg/kg		332	1,010	µg/kg
DAABFILL32	EPA6010C	Lead	1,700	µg/kg		359	1,090	µg/kg
DAABFILL34	EPA6010C	Lead	1,640	µg/kg		336	1,020	µg/kg
DAABFILL26	EPA6010C	Lead	1,610	µg/kg		353	1,070	µg/kg
DAABFILL35	EPA6010C	Lead	1,570	µg/kg		338	1,020	µg/kg
DAABFILL64	EPA6010C	Lead	1,560	µg/kg		336	1,020	µg/kg
DAABFILL42	EPA6010C	Lead	1,450	µg/kg		359	1,090	µg/kg
DAABFILL27	EPA6010C	Lead	1,190	µg/kg		368	1,110	µg/kg
DAABFILL15	EPA6010C	Lead	1,180	µg/kg		315	956	µg/kg
DAABFILL62	EPA6010C	Lead	1,160	µg/kg		330	999	µg/kg
DAABFILL33	EPA6010C	Lead	1,130	µg/kg		340	1,030	µg/kg
DAABFILL22	EPA6010C	Lead	1,100	µg/kg		300	910	µg/kg
DAABFILL37	EPA6010C	Lead	999	µg/kg	J	367	1,110	µg/kg
DAABFILL41	EPA6010C	Lead	991	µg/kg	J	329	996	µg/kg
DAABFILL59	EPA6010C	Lead	939	µg/kg	J	329	998	µg/kg
DAABFILL31	EPA6010C	Lead	888	µg/kg	J	347	1,050	µg/kg
DAABFILL49	EPA6010C	Lead	801	µg/kg	J	373	1,130	µg/kg
DAABFILL63	EPA6010C	Lead	790	µg/kg	J	408	1,240	µg/kg
DAABFILL43	EPA6010C	Lead	787	µg/kg	J	326	989	µg/kg
DAABFILL30	EPA6010C	Lead	779	µg/kg	J	351	1,060	µg/kg
DAABFILL38	EPA6010C	Lead	754	µg/kg	J	339	1,030	µg/kg
DAABFILL47	EPA6010C	Lead	711	µg/kg	J	346	1,050	µg/kg
DAABFILL24	EPA6010C	Lead	694	µg/kg	J	358	1,090	µg/kg
DAABFILL60	EPA6010C	Lead	684	µg/kg	J	339	1,030	µg/kg
DAABFILL48	EPA6010C	Lead	670	µg/kg	J	369	1,120	µg/kg
DAABFILL23	EPA6010C	Lead	649	µg/kg	J	351	1,060	µg/kg
DAABFILL56	EPA6010C	Lead	649	µg/kg	J	380	1,150	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL50	EPA6010C	Lead	614	µg/kg	J	324	981	µg/kg
DAABFILL39	EPA6010C	Lead	603	µg/kg	J	339	1,030	µg/kg
DAABFILL51	EPA6010C	Lead	596	µg/kg	J	336	1,020	µg/kg
DAABFILL54	EPA6010C	Lead	594	µg/kg	J	334	1,010	µg/kg
DAABFILL18	EPA6010C	Lead	564	µg/kg	J	343	1,040	µg/kg
DAABFILL36	EPA6010C	Lead	513	µg/kg	J	313	950	µg/kg
DAABFILL40	EPA6010C	Lead	511	µg/kg	J	333	1,010	µg/kg
DAABFILL53	EPA6010C	Lead	507	µg/kg	J	321	974	µg/kg
DAABFILL19	EPA6010C	Lead	476	µg/kg	J	394	1,190	µg/kg
DAABFILL52	EPA6010C	Lead	465	µg/kg	J	333	1,010	µg/kg
DAABFILL57	EPA6010C	Lead	462	µg/kg	J	350	1,060	µg/kg
DAABFILL17	EPA6010C	Lead	457	µg/kg	J	381	1,150	µg/kg
DAABFILL29	EPA6010C	Lead	449	µg/kg	J	371	1,120	µg/kg
DAABFILL20	EPA6010C	Lead	434	µg/kg	J	360	1,090	µg/kg
DAABFILL58	EPA6010C	Lead	344	µg/kg	J	340	1,030	µg/kg
DAABFILL16	EPA6010C	Magnesium	378,000	µg/kg		8,890	31,400	µg/kg
DAABFILL13	EPA6010C	Magnesium	115,000	µg/kg		8,110	28,600	µg/kg
DAABFILL09	EPA6010C	Magnesium	108,000	µg/kg		8,830	31,200	µg/kg
DAABFILL07	EPA6010C	Magnesium	99,000	µg/kg		8,490	30,000	µg/kg
DAABFILL08	EPA6010C	Magnesium	91,100	µg/kg		8,170	28,800	µg/kg
DAABFILL14	EPA6010C	Magnesium	87,900	µg/kg		8,360	29,500	µg/kg
DAABFILL04	EPA6010C	Magnesium	85,000	µg/kg		8,970	31,700	µg/kg
DAABFILL12	EPA6010C	Magnesium	80,500	µg/kg		9,170	32,400	µg/kg
DAABFILL06	EPA6010C	Magnesium	77,700	µg/kg		8,110	28,600	µg/kg
DAABFILL02	EPA6010C	Magnesium	68,700	µg/kg		8,170	28,800	µg/kg
DAABFILL44	EPA6010C	Magnesium	65,100	µg/kg		7,950	28,100	µg/kg
DAABFILL01	EPA6010C	Magnesium	64,600	µg/kg		8,200	28,900	µg/kg
DAABFILL28	EPA6010C	Magnesium	64,600	µg/kg		8,550	30,200	µg/kg
DAABFILL10	EPA6010C	Magnesium	64,200	µg/kg		8,740	30,800	µg/kg
DAABFILL11	EPA6010C	Magnesium	63,500	µg/kg		8,780	31,000	µg/kg
DAABFILL34	EPA6010C	Magnesium	63,100	µg/kg		8,650	30,500	µg/kg
DAABFILL25	EPA6010C	Magnesium	61,200	µg/kg		8,830	31,200	µg/kg
DAABFILL03	EPA6010C	Magnesium	54,800	µg/kg		8,760	30,900	µg/kg
DAABFILL47	EPA6010C	Magnesium	46,600	µg/kg		8,900	31,400	µg/kg
DAABFILL22	EPA6010C	Magnesium	43,600	µg/kg		7,740	27,300	µg/kg
DAABFILL62	EPA6010C	Magnesium	43,000	µg/kg		8,490	30,000	µg/kg
DAABFILL35	EPA6010C	Magnesium	41,400	µg/kg		8,700	30,700	µg/kg
DAABFILL59	EPA6010C	Magnesium	40,400	µg/kg		8,480	29,900	µg/kg
DAABFILL49	EPA6010C	Magnesium	38,600	µg/kg		9,610	33,900	µg/kg
DAABFILL27	EPA6010C	Magnesium	38,200	µg/kg		9,480	33,400	µg/kg
DAABFILL33	EPA6010C	Magnesium	36,900	µg/kg		8,770	31,000	µg/kg
DAABFILL42	EPA6010C	Magnesium	35,600	µg/kg		9,240	32,600	µg/kg
DAABFILL64	EPA6010C	Magnesium	35,300	µg/kg		8,670	30,600	µg/kg
DAABFILL56	EPA6010C	Magnesium	34,700	µg/kg		9,780	34,500	µg/kg
DAABFILL05	EPA6010C	Magnesium	33,700	µg/kg		9,360	33,000	µg/kg
DAABFILL29	EPA6010C	Magnesium	33,700	µg/kg		9,550	33,700	µg/kg
DAABFILL60	EPA6010C	Magnesium	33,600	µg/kg		8,720	30,800	µg/kg
DAABFILL63	EPA6010C	Magnesium	33,600	µg/kg	J	10,500	37,100	µg/kg
DAABFILL18	EPA6010C	Magnesium	33,500	µg/kg		8,830	31,200	µg/kg
DAABFILL55	EPA6010C	Magnesium	32,600	µg/kg	J	9,930	35,100	µg/kg
DAABFILL39	EPA6010C	Magnesium	32,100	µg/kg		8,720	30,800	µg/kg
DAABFILL30	EPA6010C	Magnesium	31,300	µg/kg	J	9,040	31,900	µg/kg
DAABFILL48	EPA6010C	Magnesium	30,800	µg/kg	J	9,500	33,500	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL52	EPA6010C	Magnesium	29,700	µg/kg	J	8,570	30,300	µg/kg
DAABFILL50	EPA6010C	Magnesium	29,500	µg/kg		8,330	29,400	µg/kg
DAABFILL19	EPA6010C	Magnesium	29,500	µg/kg	J	10,200	35,800	µg/kg
DAABFILL37	EPA6010C	Magnesium	28,600	µg/kg	J	9,460	33,400	µg/kg
DAABFILL31	EPA6010C	Magnesium	28,000	µg/kg	J	8,940	31,600	µg/kg
DAABFILL40	EPA6010C	Magnesium	27,800	µg/kg	J	8,570	30,200	µg/kg
DAABFILL26	EPA6010C	Magnesium	27,100	µg/kg	J	9,090	32,100	µg/kg
DAABFILL41	EPA6010C	Magnesium	26,300	µg/kg	J	8,470	29,900	µg/kg
DAABFILL36	EPA6010C	Magnesium	26,200	µg/kg	J	8,070	28,500	µg/kg
DAABFILL54	EPA6010C	Magnesium	25,500	µg/kg	J	8,600	30,300	µg/kg
DAABFILL57	EPA6010C	Magnesium	25,400	µg/kg	J	9,010	31,800	µg/kg
DAABFILL15	EPA6010C	Magnesium	25,300	µg/kg	J	8,130	28,700	µg/kg
DAABFILL43	EPA6010C	Magnesium	23,100	µg/kg	J	8,410	29,700	µg/kg
DAABFILL61	EPA6010C	Magnesium	22,600	µg/kg	J	9,610	33,900	µg/kg
DAABFILL21	EPA6010C	Magnesium	22,500	µg/kg	J	9,330	32,900	µg/kg
DAABFILL32	EPA6010C	Magnesium	22,500	µg/kg	J	9,250	32,600	µg/kg
DAABFILL20	EPA6010C	Magnesium	22,400	µg/kg	J	9,280	32,800	µg/kg
DAABFILL17	EPA6010C	Magnesium	22,100	µg/kg	J	9,810	34,600	µg/kg
DAABFILL53	EPA6010C	Magnesium	21,900	µg/kg	J	8,280	29,200	µg/kg
DAABFILL38	EPA6010C	Magnesium	18,200	µg/kg	J	8,740	30,800	µg/kg
DAABFILL51	EPA6010C	Magnesium	18,200	µg/kg	J	8,650	30,500	µg/kg
DAABFILL46	EPA6010C	Magnesium	17,500	µg/kg	J	9,000	31,700	µg/kg
DAABFILL58	EPA6010C	Magnesium	16,600	µg/kg	J	8,770	30,900	µg/kg
DAABFILL24	EPA6010C	Magnesium	13,700	µg/kg	J	9,230	32,600	µg/kg
DAABFILL23	EPA6010C	Magnesium	12,000	µg/kg	J	9,050	31,900	µg/kg
DAABFILL45	EPA6010C	Magnesium	8,410	µg/kg	J	8,180	28,900	µg/kg
DAABFILL06	EPA6010C	Manganese	326,000	µg/kg		191	954	µg/kg
DAABFILL01	EPA6010C	Manganese	220,000	µg/kg		193	965	µg/kg
DAABFILL07	EPA6010C	Manganese	201,000	µg/kg		200	999	µg/kg
DAABFILL02	EPA6010C	Manganese	132,000	µg/kg		192	961	µg/kg
DAABFILL11	EPA6010C	Manganese	121,000	µg/kg		207	1,030	µg/kg
DAABFILL16	EPA6010C	Manganese	95,000	µg/kg		209	1,050	µg/kg
DAABFILL43	EPA6010C	Manganese	90,100	µg/kg		198	989	µg/kg
DAABFILL31	EPA6010C	Manganese	82,300	µg/kg		210	1,050	µg/kg
DAABFILL12	EPA6010C	Manganese	82,100	µg/kg		216	1,080	µg/kg
DAABFILL08	EPA6010C	Manganese	71,000	µg/kg		192	961	µg/kg
DAABFILL57	EPA6010C	Manganese	67,900	µg/kg		212	1,060	µg/kg
DAABFILL09	EPA6010C	Manganese	59,300	µg/kg		208	1,040	µg/kg
DAABFILL22	EPA6010C	Manganese	57,900	µg/kg		182	910	µg/kg
DAABFILL36	EPA6010C	Manganese	55,900	µg/kg		190	950	µg/kg
DAABFILL33	EPA6010C	Manganese	55,500	µg/kg		206	1,030	µg/kg
DAABFILL64	EPA6010C	Manganese	44,000	µg/kg		204	1,020	µg/kg
DAABFILL14	EPA6010C	Manganese	43,200	µg/kg		197	983	µg/kg
DAABFILL13	EPA6010C	Manganese	39,400	µg/kg		191	954	µg/kg
DAABFILL41	EPA6010C	Manganese	38,700	µg/kg		199	996	µg/kg
DAABFILL39	EPA6010C	Manganese	37,500	µg/kg		205	1,030	µg/kg
DAABFILL10	EPA6010C	Manganese	32,200	µg/kg		206	1,030	µg/kg
DAABFILL60	EPA6010C	Manganese	31,300	µg/kg		205	1,030	µg/kg
DAABFILL04	EPA6010C	Manganese	29,300	µg/kg		211	1,060	µg/kg
DAABFILL47	EPA6010C	Manganese	27,000	µg/kg		210	1,050	µg/kg
DAABFILL20	EPA6010C	Manganese	23,700	µg/kg		218	1,090	µg/kg
DAABFILL25	EPA6010C	Manganese	23,000	µg/kg		208	1,040	µg/kg
DAABFILL59	EPA6010C	Manganese	22,100	µg/kg		200	998	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL21	EPA6010C	Manganese	21,200	µg/kg		220	1,100	µg/kg
DAABFILL17	EPA6010C	Manganese	20,000	µg/kg		231	1,150	µg/kg
DAABFILL29	EPA6010C	Manganese	19,600	µg/kg		225	1,120	µg/kg
DAABFILL52	EPA6010C	Manganese	19,500	µg/kg		202	1,010	µg/kg
DAABFILL40	EPA6010C	Manganese	18,900	µg/kg		202	1,010	µg/kg
DAABFILL55	EPA6010C	Manganese	18,900	µg/kg		234	1,170	µg/kg
DAABFILL37	EPA6010C	Manganese	18,000	µg/kg		223	1,110	µg/kg
DAABFILL28	EPA6010C	Manganese	15,000	µg/kg		201	1,010	µg/kg
DAABFILL62	EPA6010C	Manganese	14,800	µg/kg		200	999	µg/kg
DAABFILL46	EPA6010C	Manganese	13,300	µg/kg		212	1,060	µg/kg
DAABFILL50	EPA6010C	Manganese	12,600	µg/kg		196	981	µg/kg
DAABFILL42	EPA6010C	Manganese	12,400	µg/kg		217	1,090	µg/kg
DAABFILL56	EPA6010C	Manganese	12,000	µg/kg		230	1,150	µg/kg
DAABFILL03	EPA6010C	Manganese	11,800	µg/kg		206	1,030	µg/kg
DAABFILL34	EPA6010C	Manganese	10,200	µg/kg		204	1,020	µg/kg
DAABFILL18	EPA6010C	Manganese	9,280	µg/kg		208	1,040	µg/kg
DAABFILL48	EPA6010C	Manganese	9,180	µg/kg		223	1,120	µg/kg
DAABFILL44	EPA6010C	Manganese	8,970	µg/kg		187	936	µg/kg
DAABFILL58	EPA6010C	Manganese	8,860	µg/kg		206	1,030	µg/kg
DAABFILL61	EPA6010C	Manganese	8,800	µg/kg		226	1,130	µg/kg
DAABFILL23	EPA6010C	Manganese	8,550	µg/kg		213	1,060	µg/kg
DAABFILL45	EPA6010C	Manganese	8,380	µg/kg		192	962	µg/kg
DAABFILL26	EPA6010C	Manganese	7,830	µg/kg		214	1,070	µg/kg
DAABFILL19	EPA6010C	Manganese	7,440	µg/kg		239	1,190	µg/kg
DAABFILL51	EPA6010C	Manganese	7,220	µg/kg		203	1,020	µg/kg
DAABFILL05	EPA6010C	Manganese	6,580	µg/kg		220	1,100	µg/kg
DAABFILL53	EPA6010C	Manganese	6,370	µg/kg		195	974	µg/kg
DAABFILL30	EPA6010C	Manganese	5,240	µg/kg		213	1,060	µg/kg
DAABFILL63	EPA6010C	Manganese	5,180	µg/kg		247	1,240	µg/kg
DAABFILL38	EPA6010C	Manganese	4,750	µg/kg		206	1,030	µg/kg
DAABFILL32	EPA6010C	Manganese	4,510	µg/kg		218	1,090	µg/kg
DAABFILL35	EPA6010C	Manganese	4,430	µg/kg		205	1,020	µg/kg
DAABFILL49	EPA6010C	Manganese	4,200	µg/kg		226	1,130	µg/kg
DAABFILL54	EPA6010C	Manganese	4,070	µg/kg		202	1,010	µg/kg
DAABFILL27	EPA6010C	Manganese	2,160	µg/kg		223	1,110	µg/kg
DAABFILL15	EPA6010C	Manganese	1,920	µg/kg		191	956	µg/kg
DAABFILL24	EPA6010C	Manganese	771	µg/kg	J	217	1,090	µg/kg
DAABFILL16	EPA6010C	Nickel	8,420	µg/kg		157	523	µg/kg
DAABFILL09	EPA6010C	Nickel	2,000	µg/kg		156	519	µg/kg
DAABFILL13	EPA6010C	Nickel	1,940	µg/kg		143	477	µg/kg
DAABFILL12	EPA6010C	Nickel	1,900	µg/kg		162	539	µg/kg
DAABFILL44	EPA6010C	Nickel	1,730	µg/kg		140	468	µg/kg
DAABFILL07	EPA6010C	Nickel	1,550	µg/kg		150	500	µg/kg
DAABFILL08	EPA6010C	Nickel	1,550	µg/kg		144	480	µg/kg
DAABFILL01	EPA6010C	Nickel	1,460	µg/kg		145	482	µg/kg
DAABFILL04	EPA6010C	Nickel	1,440	µg/kg		158	528	µg/kg
DAABFILL02	EPA6010C	Nickel	1,400	µg/kg		144	481	µg/kg
DAABFILL14	EPA6010C	Nickel	1,320	µg/kg		147	491	µg/kg
DAABFILL35	EPA6010C	Nickel	1,270	µg/kg		154	512	µg/kg
DAABFILL10	EPA6010C	Nickel	1,250	µg/kg		154	514	µg/kg
DAABFILL06	EPA6010C	Nickel	1,240	µg/kg		143	477	µg/kg
DAABFILL11	EPA6010C	Nickel	1,240	µg/kg		155	516	µg/kg
DAABFILL05	EPA6010C	Nickel	1,070	µg/kg		165	550	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL03	EPA6010C	Nickel	1,040	µg/kg		155	515	µg/kg
DAABFILL34	EPA6010C	Nickel	1,040	µg/kg		153	509	µg/kg
DAABFILL25	EPA6010C	Nickel	976	µg/kg		156	520	µg/kg
DAABFILL32	EPA6010C	Nickel	770	µg/kg		163	544	µg/kg
DAABFILL28	EPA6010C	Nickel	760	µg/kg		151	503	µg/kg
DAABFILL26	EPA6010C	Nickel	731	µg/kg		160	534	µg/kg
DAABFILL48	EPA6010C	Nickel	708	µg/kg		168	559	µg/kg
DAABFILL22	EPA6010C	Nickel	693	µg/kg		137	455	µg/kg
DAABFILL40	EPA6010C	Nickel	693	µg/kg		151	504	µg/kg
DAABFILL33	EPA6010C	Nickel	635	µg/kg		155	516	µg/kg
DAABFILL62	EPA6010C	Nickel	621	µg/kg		150	499	µg/kg
DAABFILL56	EPA6010C	Nickel	611	µg/kg		173	575	µg/kg
DAABFILL27	EPA6010C	Nickel	608	µg/kg		167	557	µg/kg
DAABFILL30	EPA6010C	Nickel	605	µg/kg		160	532	µg/kg
DAABFILL59	EPA6010C	Nickel	602	µg/kg		150	499	µg/kg
DAABFILL47	EPA6010C	Nickel	598	µg/kg		157	524	µg/kg
DAABFILL64	EPA6010C	Nickel	586	µg/kg		153	510	µg/kg
DAABFILL55	EPA6010C	Nickel	569	µg/kg	J	175	584	µg/kg
DAABFILL39	EPA6010C	Nickel	564	µg/kg		154	513	µg/kg
DAABFILL41	EPA6010C	Nickel	550	µg/kg		149	498	µg/kg
DAABFILL49	EPA6010C	Nickel	547	µg/kg	J	170	565	µg/kg
DAABFILL36	EPA6010C	Nickel	541	µg/kg		142	475	µg/kg
DAABFILL23	EPA6010C	Nickel	532	µg/kg		160	532	µg/kg
DAABFILL29	EPA6010C	Nickel	532	µg/kg	J	169	562	µg/kg
DAABFILL20	EPA6010C	Nickel	529	µg/kg	J	164	546	µg/kg
DAABFILL43	EPA6010C	Nickel	507	µg/kg		148	495	µg/kg
DAABFILL37	EPA6010C	Nickel	506	µg/kg	J	167	556	µg/kg
DAABFILL60	EPA6010C	Nickel	500	µg/kg	J	154	513	µg/kg
DAABFILL15	EPA6010C	Nickel	487	µg/kg		143	478	µg/kg
DAABFILL63	EPA6010C	Nickel	485	µg/kg	J	185	618	µg/kg
DAABFILL42	EPA6010C	Nickel	484	µg/kg	J	163	544	µg/kg
DAABFILL50	EPA6010C	Nickel	482	µg/kg	J	147	490	µg/kg
DAABFILL31	EPA6010C	Nickel	433	µg/kg	J	158	526	µg/kg
DAABFILL21	EPA6010C	Nickel	415	µg/kg	J	165	549	µg/kg
DAABFILL17	EPA6010C	Nickel	393	µg/kg	J	173	577	µg/kg
DAABFILL19	EPA6010C	Nickel	392	µg/kg	J	179	597	µg/kg
DAABFILL54	EPA6010C	Nickel	383	µg/kg	J	152	506	µg/kg
DAABFILL51	EPA6010C	Nickel	374	µg/kg	J	153	509	µg/kg
DAABFILL52	EPA6010C	Nickel	365	µg/kg	J	151	504	µg/kg
DAABFILL18	EPA6010C	Nickel	344	µg/kg	J	156	520	µg/kg
DAABFILL61	EPA6010C	Nickel	325	µg/kg	J	170	565	µg/kg
DAABFILL53	EPA6010C	Nickel	297	µg/kg	J	146	487	µg/kg
DAABFILL45	EPA6010C	Nickel	278	µg/kg	J	144	481	µg/kg
DAABFILL58	EPA6010C	Nickel	271	µg/kg	J	155	516	µg/kg
DAABFILL46	EPA6010C	Nickel	262	µg/kg	J	159	529	µg/kg
DAABFILL57	EPA6010C	Nickel	254	µg/kg	J	159	530	µg/kg
DAABFILL38	EPA6010C	Nickel	207	µg/kg	J	154	514	µg/kg
DAABFILL24	EPA6010C	Nickel	194	µg/kg	J	163	543	µg/kg
DAABFILL16	EPA6010C	Potassium	414,000	µg/kg		6,690	26,100	µg/kg
DAABFILL13	EPA6010C	Potassium	119,000	µg/kg		6,110	23,900	µg/kg
DAABFILL09	EPA6010C	Potassium	107,000	µg/kg		6,650	26,000	µg/kg
DAABFILL14	EPA6010C	Potassium	91,600	µg/kg		6,290	24,600	µg/kg
DAABFILL12	EPA6010C	Potassium	83,700	µg/kg		6,900	27,000	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL08	EPA6010C	Potassium	78,100	µg/kg		6,150	24,000	µg/kg
DAABFILL07	EPA6010C	Potassium	76,600	µg/kg		6,390	25,000	µg/kg
DAABFILL06	EPA6010C	Potassium	75,000	µg/kg		6,110	23,800	µg/kg
DAABFILL44	EPA6010C	Potassium	66,500	µg/kg		5,990	23,400	µg/kg
DAABFILL11	EPA6010C	Potassium	63,300	µg/kg		6,610	25,800	µg/kg
DAABFILL04	EPA6010C	Potassium	59,700	µg/kg		6,750	26,400	µg/kg
DAABFILL02	EPA6010C	Potassium	55,500	µg/kg		6,150	24,000	µg/kg
DAABFILL25	EPA6010C	Potassium	52,800	µg/kg		6,650	26,000	µg/kg
DAABFILL01	EPA6010C	Potassium	50,000	µg/kg		6,170	24,100	µg/kg
DAABFILL10	EPA6010C	Potassium	49,400	µg/kg		6,580	25,700	µg/kg
DAABFILL03	EPA6010C	Potassium	45,000	µg/kg		6,600	25,800	µg/kg
DAABFILL34	EPA6010C	Potassium	44,800	µg/kg		6,510	25,400	µg/kg
DAABFILL27	EPA6010C	Potassium	43,600	µg/kg		7,130	27,900	µg/kg
DAABFILL49	EPA6010C	Potassium	39,500	µg/kg		7,230	28,300	µg/kg
DAABFILL62	EPA6010C	Potassium	39,100	µg/kg		6,390	25,000	µg/kg
DAABFILL47	EPA6010C	Potassium	38,500	µg/kg		6,700	26,200	µg/kg
DAABFILL35	EPA6010C	Potassium	36,900	µg/kg		6,550	25,600	µg/kg
DAABFILL33	EPA6010C	Potassium	35,000	µg/kg		6,600	25,800	µg/kg
DAABFILL28	EPA6010C	Potassium	34,900	µg/kg		6,440	25,100	µg/kg
DAABFILL42	EPA6010C	Potassium	34,300	µg/kg		6,960	27,200	µg/kg
DAABFILL22	EPA6010C	Potassium	33,600	µg/kg		5,830	22,800	µg/kg
DAABFILL56	EPA6010C	Potassium	33,400	µg/kg		7,360	28,800	µg/kg
DAABFILL30	EPA6010C	Potassium	32,600	µg/kg		6,810	26,600	µg/kg
DAABFILL55	EPA6010C	Potassium	32,600	µg/kg		7,480	29,200	µg/kg
DAABFILL59	EPA6010C	Potassium	32,300	µg/kg		6,390	25,000	µg/kg
DAABFILL50	EPA6010C	Potassium	30,000	µg/kg		6,280	24,500	µg/kg
DAABFILL29	EPA6010C	Potassium	29,800	µg/kg		7,190	28,100	µg/kg
DAABFILL48	EPA6010C	Potassium	28,600	µg/kg		7,150	27,900	µg/kg
DAABFILL64	EPA6010C	Potassium	25,600	µg/kg		6,530	25,500	µg/kg
DAABFILL60	EPA6010C	Potassium	25,400	µg/kg	J	6,570	25,600	µg/kg
DAABFILL05	EPA6010C	Potassium	24,700	µg/kg	J	7,050	27,500	µg/kg
DAABFILL37	EPA6010C	Potassium	23,100	µg/kg	J	7,120	27,800	µg/kg
DAABFILL63	EPA6010C	Potassium	22,700	µg/kg	J	7,910	30,900	µg/kg
DAABFILL26	EPA6010C	Potassium	22,600	µg/kg	J	6,840	26,700	µg/kg
DAABFILL40	EPA6010C	Potassium	22,200	µg/kg	J	6,450	25,200	µg/kg
DAABFILL31	EPA6010C	Potassium	21,700	µg/kg	J	6,730	26,300	µg/kg
DAABFILL19	EPA6010C	Potassium	21,200	µg/kg	J	7,640	29,900	µg/kg
DAABFILL36	EPA6010C	Potassium	21,100	µg/kg	J	6,080	23,700	µg/kg
DAABFILL52	EPA6010C	Potassium	20,900	µg/kg	J	6,460	25,200	µg/kg
DAABFILL39	EPA6010C	Potassium	20,600	µg/kg	J	6,570	25,600	µg/kg
DAABFILL54	EPA6010C	Potassium	20,200	µg/kg	J	6,470	25,300	µg/kg
DAABFILL21	EPA6010C	Potassium	20,100	µg/kg	J	7,030	27,400	µg/kg
DAABFILL51	EPA6010C	Potassium	20,100	µg/kg	J	6,510	25,400	µg/kg
DAABFILL43	EPA6010C	Potassium	19,700	µg/kg	J	6,330	24,700	µg/kg
DAABFILL41	EPA6010C	Potassium	19,600	µg/kg	J	6,380	24,900	µg/kg
DAABFILL61	EPA6010C	Potassium	19,600	µg/kg	J	7,240	28,300	µg/kg
DAABFILL17	EPA6010C	Potassium	19,100	µg/kg	J	7,380	28,800	µg/kg
DAABFILL20	EPA6010C	Potassium	19,000	µg/kg	J	6,990	27,300	µg/kg
DAABFILL53	EPA6010C	Potassium	18,500	µg/kg	J	6,230	24,400	µg/kg
DAABFILL32	EPA6010C	Potassium	18,400	µg/kg	J	6,960	27,200	µg/kg
DAABFILL18	EPA6010C	Potassium	17,500	µg/kg	J	6,650	26,000	µg/kg
DAABFILL58	EPA6010C	Potassium	17,500	µg/kg	J	6,600	25,800	µg/kg
DAABFILL38	EPA6010C	Potassium	16,600	µg/kg	J	6,580	25,700	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL57	EPA6010C	Potassium	16,200	µg/kg	J	6,780	26,500	µg/kg
DAABFILL24	EPA6010C	Potassium	15,900	µg/kg	J	6,950	27,200	µg/kg
DAABFILL46	EPA6010C	Potassium	15,100	µg/kg	J	6,770	26,500	µg/kg
DAABFILL23	EPA6010C	Potassium	14,200	µg/kg	J	6,810	26,600	µg/kg
DAABFILL15	EPA6010C	Potassium	11,400	µg/kg	J	6,120	23,900	µg/kg
DAABFILL45	EPA6010C	Potassium	9,790	µg/kg	J	6,160	24,100	µg/kg
DAABFILL49	EPA6010C	Selenium	6,030	µg/kg		565	3,390	µg/kg
DAABFILL52	EPA6010C	Selenium	5,860	µg/kg		504	3,030	µg/kg
DAABFILL24	EPA6010C	Selenium	5,680	µg/kg		543	3,260	µg/kg
DAABFILL57	EPA6010C	Selenium	5,600	µg/kg		530	3,180	µg/kg
DAABFILL59	EPA6010C	Selenium	5,520	µg/kg		499	2,990	µg/kg
DAABFILL53	EPA6010C	Selenium	5,310	µg/kg		487	2,920	µg/kg
DAABFILL63	EPA6010C	Selenium	5,300	µg/kg		618	3,710	µg/kg
DAABFILL55	EPA6010C	Selenium	5,280	µg/kg		584	3,510	µg/kg
DAABFILL60	EPA6010C	Selenium	5,170	µg/kg		513	3,080	µg/kg
DAABFILL21	EPA6010C	Selenium	5,130	µg/kg		549	3,290	µg/kg
DAABFILL46	EPA6010C	Selenium	5,130	µg/kg		529	3,170	µg/kg
DAABFILL58	EPA6010C	Selenium	5,080	µg/kg		516	3,090	µg/kg
DAABFILL50	EPA6010C	Selenium	4,940	µg/kg		490	2,940	µg/kg
DAABFILL40	EPA6010C	Selenium	4,880	µg/kg		504	3,020	µg/kg
DAABFILL62	EPA6010C	Selenium	4,880	µg/kg		499	3,000	µg/kg
DAABFILL41	EPA6010C	Selenium	4,820	µg/kg		498	2,990	µg/kg
DAABFILL48	EPA6010C	Selenium	4,780	µg/kg		559	3,350	µg/kg
DAABFILL37	EPA6010C	Selenium	4,670	µg/kg		556	3,340	µg/kg
DAABFILL31	EPA6010C	Selenium	4,650	µg/kg		526	3,160	µg/kg
DAABFILL29	EPA6010C	Selenium	4,450	µg/kg		562	3,370	µg/kg
DAABFILL25	EPA6010C	Selenium	4,060	µg/kg		520	3,120	µg/kg
DAABFILL51	EPA6010C	Selenium	4,040	µg/kg		509	3,050	µg/kg
DAABFILL18	EPA6010C	Selenium	3,870	µg/kg		520	3,120	µg/kg
DAABFILL22	EPA6010C	Selenium	3,820	µg/kg		455	2,730	µg/kg
DAABFILL42	EPA6010C	Selenium	3,770	µg/kg		544	3,260	µg/kg
DAABFILL20	EPA6010C	Selenium	3,760	µg/kg		546	3,280	µg/kg
DAABFILL33	EPA6010C	Selenium	3,700	µg/kg		516	3,100	µg/kg
DAABFILL30	EPA6010C	Selenium	3,630	µg/kg		532	3,190	µg/kg
DAABFILL54	EPA6010C	Selenium	3,600	µg/kg		506	3,030	µg/kg
DAABFILL61	EPA6010C	Selenium	3,390	µg/kg		565	3,390	µg/kg
DAABFILL64	EPA6010C	Selenium	3,380	µg/kg		510	3,060	µg/kg
DAABFILL56	EPA6010C	Selenium	3,380	µg/kg	J	575	3,450	µg/kg
DAABFILL38	EPA6010C	Selenium	3,260	µg/kg		514	3,080	µg/kg
DAABFILL47	EPA6010C	Selenium	3,230	µg/kg		524	3,140	µg/kg
DAABFILL27	EPA6010C	Selenium	3,220	µg/kg	J	557	3,340	µg/kg
DAABFILL28	EPA6010C	Selenium	3,100	µg/kg		503	3,020	µg/kg
DAABFILL39	EPA6010C	Selenium	2,050	µg/kg	J	513	3,080	µg/kg
DAABFILL19	EPA6010C	Selenium	1,710	µg/kg	J	597	3,580	µg/kg
DAABFILL45	EPA6010C	Selenium	1,500	µg/kg	J	481	2,890	µg/kg
DAABFILL16	EPA6010C	Silver	191	µg/kg	J	105	523	µg/kg
DAABFILL14	EPA6010C	Socium	52,000	µg/kg		6,880	24,600	µg/kg
DAABFILL09	EPA6010C	Socium	12,000	µg/kg	J	7,270	26,000	µg/kg
DAABFILL04	EPA6010C	Socium	11,600	µg/kg	J	7,390	26,400	µg/kg
DAABFILL06	EPA6010C	Socium	10,900	µg/kg	J	6,680	23,800	µg/kg
DAABFILL11	EPA6010C	Socium	10,300	µg/kg	J	7,230	25,800	µg/kg
DAABFILL12	EPA6010C	Socium	10,300	µg/kg	J	7,550	27,000	µg/kg
DAABFILL07	EPA6010C	Socium	10,100	µg/kg	J	6,990	25,000	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL05	EPA6010C	Socium	9,960	µg/kg	J	7,710	27,500	µg/kg
DAABFILL01	EPA6010C	Socium	9,890	µg/kg	J	6,750	24,100	µg/kg
DAABFILL03	EPA6010C	Socium	9,830	µg/kg	J	7,210	25,800	µg/kg
DAABFILL10	EPA6010C	Socium	9,660	µg/kg	J	7,190	25,700	µg/kg
DAABFILL02	EPA6010C	Socium	8,460	µg/kg	J	6,730	24,000	µg/kg
DAABFILL08	EPA6010C	Socium	7,760	µg/kg	J	6,730	24,000	µg/kg
DAABFILL44	EPA6010C	Socium	7,710	µg/kg	J	6,550	23,400	µg/kg
DAABFILL05	EPA6010C	Vanadium	49,800	µg/kg		110	550	µg/kg
DAABFILL27	EPA6010C	Vanadium	37,100	µg/kg		111	557	µg/kg
DAABFILL32	EPA6010C	Vanadium	33,700	µg/kg		109	544	µg/kg
DAABFILL35	EPA6010C	Vanadium	31,800	µg/kg		102	512	µg/kg
DAABFILL26	EPA6010C	Vanadium	28,900	µg/kg		107	534	µg/kg
DAABFILL44	EPA6010C	Vanadium	27,700	µg/kg		94	468	µg/kg
DAABFILL16	EPA6010C	Vanadium	24,200	µg/kg		105	523	µg/kg
DAABFILL24	EPA6010C	Vanadium	22,100	µg/kg		109	543	µg/kg
DAABFILL23	EPA6010C	Vanadium	19,500	µg/kg		106	532	µg/kg
DAABFILL13	EPA6010C	Vanadium	19,400	µg/kg		95	477	µg/kg
DAABFILL34	EPA6010C	Vanadium	17,500	µg/kg		102	509	µg/kg
DAABFILL12	EPA6010C	Vanadium	16,700	µg/kg		108	539	µg/kg
DAABFILL14	EPA6010C	Vanadium	16,100	µg/kg		98	491	µg/kg
DAABFILL09	EPA6010C	Vanadium	12,800	µg/kg		104	519	µg/kg
DAABFILL11	EPA6010C	Vanadium	12,100	µg/kg		103	516	µg/kg
DAABFILL10	EPA6010C	Vanadium	10,300	µg/kg		103	514	µg/kg
DAABFILL15	EPA6010C	Vanadium	8,850	µg/kg		96	478	µg/kg
DAABFILL07	EPA6010C	Vanadium	8,370	µg/kg		100	500	µg/kg
DAABFILL08	EPA6010C	Vanadium	7,760	µg/kg		96	480	µg/kg
DAABFILL25	EPA6010C	Vanadium	7,160	µg/kg		104	520	µg/kg
DAABFILL42	EPA6010C	Vanadium	6,220	µg/kg		109	544	µg/kg
DAABFILL06	EPA6010C	Vanadium	5,950	µg/kg		95	477	µg/kg
DAABFILL04	EPA6010C	Vanadium	5,250	µg/kg		106	528	µg/kg
DAABFILL49	EPA6010C	Vanadium	4,750	µg/kg		113	565	µg/kg
DAABFILL30	EPA6010C	Vanadium	4,530	µg/kg		106	532	µg/kg
DAABFILL02	EPA6010C	Vanadium	4,310	µg/kg		96	481	µg/kg
DAABFILL03	EPA6010C	Vanadium	4,260	µg/kg		103	515	µg/kg
DAABFILL01	EPA6010C	Vanadium	3,800	µg/kg		97	482	µg/kg
DAABFILL62	EPA6010C	Vanadium	3,690	µg/kg		100	499	µg/kg
DAABFILL22	EPA6010C	Vanadium	3,660	µg/kg		91	455	µg/kg
DAABFILL56	EPA6010C	Vanadium	3,610	µg/kg		115	575	µg/kg
DAABFILL29	EPA6010C	Vanadium	3,500	µg/kg		112	562	µg/kg
DAABFILL28	EPA6010C	Vanadium	3,300	µg/kg		101	503	µg/kg
DAABFILL33	EPA6010C	Vanadium	3,290	µg/kg		103	516	µg/kg
DAABFILL59	EPA6010C	Vanadium	3,130	µg/kg		100	499	µg/kg
DAABFILL55	EPA6010C	Vanadium	3,070	µg/kg		117	584	µg/kg
DAABFILL63	EPA6010C	Vanadium	2,770	µg/kg		124	618	µg/kg
DAABFILL48	EPA6010C	Vanadium	2,600	µg/kg		112	559	µg/kg
DAABFILL64	EPA6010C	Vanadium	2,590	µg/kg		102	510	µg/kg
DAABFILL17	EPA6010C	Vanadium	2,560	µg/kg		115	577	µg/kg
DAABFILL60	EPA6010C	Vanadium	2,560	µg/kg		103	513	µg/kg
DAABFILL31	EPA6010C	Vanadium	2,510	µg/kg		105	526	µg/kg
DAABFILL50	EPA6010C	Vanadium	2,500	µg/kg		98	490	µg/kg
DAABFILL47	EPA6010C	Vanadium	2,460	µg/kg		105	524	µg/kg
DAABFILL37	EPA6010C	Vanadium	2,370	µg/kg		111	556	µg/kg
DAABFILL21	EPA6010C	Vanadium	2,280	µg/kg		110	549	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL20	EPA6010C	Vanadium	2,150	µg/kg		109	546	µg/kg
DAABFILL61	EPA6010C	Vanadium	2,080	µg/kg		113	565	µg/kg
DAABFILL43	EPA6010C	Vanadium	1,980	µg/kg		99	495	µg/kg
DAABFILL36	EPA6010C	Vanadium	1,760	µg/kg		95	475	µg/kg
DAABFILL39	EPA6010C	Vanadium	1,760	µg/kg		103	513	µg/kg
DAABFILL54	EPA6010C	Vanadium	1,690	µg/kg		101	506	µg/kg
DAABFILL19	EPA6010C	Vanadium	1,600	µg/kg		119	597	µg/kg
DAABFILL57	EPA6010C	Vanadium	1,550	µg/kg		106	530	µg/kg
DAABFILL40	EPA6010C	Vanadium	1,490	µg/kg		101	504	µg/kg
DAABFILL53	EPA6010C	Vanadium	1,470	µg/kg		97	487	µg/kg
DAABFILL38	EPA6010C	Vanadium	1,460	µg/kg		103	514	µg/kg
DAABFILL51	EPA6010C	Vanadium	1,460	µg/kg		102	509	µg/kg
DAABFILL52	EPA6010C	Vanadium	1,460	µg/kg		101	504	µg/kg
DAABFILL41	EPA6010C	Vanadium	1,450	µg/kg		100	498	µg/kg
DAABFILL58	EPA6010C	Vanadium	1,160	µg/kg		103	516	µg/kg
DAABFILL18	EPA6010C	Vanadium	888	µg/kg		104	520	µg/kg
DAABFILL46	EPA6010C	Vanadium	884	µg/kg		106	529	µg/kg
DAABFILL45	EPA6010C	Vanadium	758	µg/kg		96	481	µg/kg
DAABFILL16	EPA6010C	Zinc	27,500	µg/kg		418	1,050	µg/kg
DAABFILL06	EPA6010C	Zinc	6,180	µg/kg		382	954	µg/kg
DAABFILL13	EPA6010C	Zinc	6,100	µg/kg		382	954	µg/kg
DAABFILL12	EPA6010C	Zinc	5,060	µg/kg		431	1,080	µg/kg
DAABFILL07	EPA6010C	Zinc	5,000	µg/kg		400	999	µg/kg
DAABFILL08	EPA6010C	Zinc	4,950	µg/kg		384	961	µg/kg
DAABFILL14	EPA6010C	Zinc	4,790	µg/kg		393	983	µg/kg
DAABFILL09	EPA6010C	Zinc	4,210	µg/kg		415	1,040	µg/kg
DAABFILL02	EPA6010C	Zinc	3,950	µg/kg	J	384	961	µg/kg
DAABFILL01	EPA6010C	Zinc	3,650	µg/kg	J	386	965	µg/kg
DAABFILL10	EPA6010C	Zinc	3,590	µg/kg	J	411	1,030	µg/kg
DAABFILL04	EPA6010C	Zinc	3,530	µg/kg	J	422	1,060	µg/kg
DAABFILL11	EPA6010C	Zinc	3,470	µg/kg	J	413	1,030	µg/kg
DAABFILL03	EPA6010C	Zinc	2,990	µg/kg	J	412	1,030	µg/kg
DAABFILL25	EPA6010C	Zinc	2,090	µg/kg		416	1,040	µg/kg
DAABFILL05	EPA6010C	Zinc	1,980	µg/kg	J	440	1,100	µg/kg
DAABFILL47	EPA6010C	Zinc	1,550	µg/kg		419	1,050	µg/kg
DAABFILL62	EPA6010C	Zinc	1,480	µg/kg		399	999	µg/kg
DAABFILL59	EPA6010C	Zinc	1,430	µg/kg		399	998	µg/kg
DAABFILL28	EPA6010C	Zinc	1,410	µg/kg		402	1,010	µg/kg
DAABFILL42	EPA6010C	Zinc	1,410	µg/kg		435	1,090	µg/kg
DAABFILL48	EPA6010C	Zinc	1,360	µg/kg		447	1,120	µg/kg
DAABFILL60	EPA6010C	Zinc	1,360	µg/kg		410	1,030	µg/kg
DAABFILL22	EPA6010C	Zinc	1,260	µg/kg		364	910	µg/kg
DAABFILL64	EPA6010C	Zinc	1,200	µg/kg		408	1,020	µg/kg
DAABFILL33	EPA6010C	Zinc	1,180	µg/kg		413	1,030	µg/kg
DAABFILL15	EPA6010C	Zinc	1,160	µg/kg		382	956	µg/kg
DAABFILL41	EPA6010C	Zinc	1,160	µg/kg		398	996	µg/kg
DAABFILL49	EPA6010C	Zinc	1,160	µg/kg		452	1,130	µg/kg
DAABFILL30	EPA6010C	Zinc	1,110	µg/kg		425	1,060	µg/kg
DAABFILL39	EPA6010C	Zinc	1,110	µg/kg		410	1,030	µg/kg
DAABFILL56	EPA6010C	Zinc	1,110	µg/kg	J	460	1,150	µg/kg
DAABFILL29	EPA6010C	Zinc	1,080	µg/kg	J	449	1,120	µg/kg
DAABFILL55	EPA6010C	Zinc	1,060	µg/kg	J	467	1,170	µg/kg
DAABFILL52	EPA6010C	Zinc	1,030	µg/kg		404	1,010	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL40	EPA6010C	Zinc	976	µg/kg	J	403	1,010	µg/kg
DAABFILL51	EPA6010C	Zinc	970	µg/kg	J	407	1,020	µg/kg
DAABFILL63	EPA6010C	Zinc	954	µg/kg	J	494	1,240	µg/kg
DAABFILL37	EPA6010C	Zinc	952	µg/kg	J	445	1,110	µg/kg
DAABFILL20	EPA6010C	Zinc	942	µg/kg	J	437	1,090	µg/kg
DAABFILL50	EPA6010C	Zinc	931	µg/kg	J	392	981	µg/kg
DAABFILL19	EPA6010C	Zinc	923	µg/kg	J	478	1,190	µg/kg
DAABFILL31	EPA6010C	Zinc	906	µg/kg	J	421	1,050	µg/kg
DAABFILL21	EPA6010C	Zinc	881	µg/kg	J	439	1,100	µg/kg
DAABFILL17	EPA6010C	Zinc	842	µg/kg	J	462	1,150	µg/kg
DAABFILL61	EPA6010C	Zinc	840	µg/kg	J	452	1,130	µg/kg
DAABFILL27	EPA6010C	Zinc	833	µg/kg	J	446	1,110	µg/kg
DAABFILL54	EPA6010C	Zinc	815	µg/kg	J	405	1,010	µg/kg
DAABFILL18	EPA6010C	Zinc	808	µg/kg	J	416	1,040	µg/kg
DAABFILL46	EPA6010C	Zinc	805	µg/kg	J	423	1,060	µg/kg
DAABFILL43	EPA6010C	Zinc	791	µg/kg	J	396	989	µg/kg
DAABFILL57	EPA6010C	Zinc	782	µg/kg	J	424	1,060	µg/kg
DAABFILL36	EPA6010C	Zinc	766	µg/kg	J	380	950	µg/kg
DAABFILL53	EPA6010C	Zinc	753	µg/kg	J	390	974	µg/kg
DAABFILL58	EPA6010C	Zinc	727	µg/kg	J	413	1,030	µg/kg
DAABFILL38	EPA6010C	Zinc	714	µg/kg	J	411	1,030	µg/kg
DAABFILL45	EPA6010C	Zinc	519	µg/kg	J	385	962	µg/kg
DAABFILL08	EPA7471B	Mercury	111	µg/kg		3.86	11.5	µg/kg
DAABFILL24	EPA7471B	Mercury	95.3	µg/kg		4.37	13	µg/kg
DAABFILL32	EPA7471B	Mercury	79.8	µg/kg		4.51	13.5	µg/kg
DAABFILL21	EPA7471B	Mercury	59.3	µg/kg		4.15	12.4	µg/kg
DAABFILL35	EPA7471B	Mercury	58	µg/kg		4.22	12.6	µg/kg
DAABFILL26	EPA7471B	Mercury	57.2	µg/kg		4.08	12.2	µg/kg
DAABFILL09	EPA7471B	Mercury	54.7	µg/kg		4.12	12.3	µg/kg
DAABFILL27	EPA7471B	Mercury	54.6	µg/kg		4.2	12.6	µg/kg
DAABFILL23	EPA7471B	Mercury	53.3	µg/kg		4.4	13.1	µg/kg
DAABFILL06	EPA7471B	Mercury	42.5	µg/kg		3.88	11.6	µg/kg
DAABFILL42	EPA7471B	Mercury	42.1	µg/kg		4.23	12.6	µg/kg
DAABFILL30	EPA7471B	Mercury	39.2	µg/kg		4.73	14.1	µg/kg
DAABFILL44	EPA7471B	Mercury	38.7	µg/kg		4.08	12.2	µg/kg
DAABFILL17	EPA7471B	Mercury	38.2	µg/kg		4.76	14.2	µg/kg
DAABFILL25	EPA7471B	Mercury	36.8	µg/kg		4.12	12.3	µg/kg
DAABFILL34	EPA7471B	Mercury	29.7	µg/kg		4.08	12.2	µg/kg
DAABFILL05	EPA7471B	Mercury	29.6	µg/kg		4.83	14.4	µg/kg
DAABFILL07	EPA7471B	Mercury	29.1	µg/kg		3.91	11.7	µg/kg
DAABFILL16	EPA7471B	Mercury	28.7	µg/kg		3.9	11.7	µg/kg
DAABFILL19	EPA7471B	Mercury	28.3	µg/kg		4.3	12.8	µg/kg
DAABFILL55	EPA7471B	Mercury	27.2	µg/kg		4.23	12.6	µg/kg
DAABFILL31	EPA7471B	Mercury	26.3	µg/kg		4.12	12.3	µg/kg
DAABFILL49	EPA7471B	Mercury	26.3	µg/kg		4.43	13.2	µg/kg
DAABFILL22	EPA7471B	Mercury	25.5	µg/kg		3.79	11.3	µg/kg
DAABFILL43	EPA7471B	Mercury	25.5	µg/kg		4.01	12	µg/kg
DAABFILL01	EPA7471B	Mercury	25.4	µg/kg		4.06	12.1	µg/kg
DAABFILL40	EPA7471B	Mercury	24.3	µg/kg		4.16	12.4	µg/kg
DAABFILL33	EPA7471B	Mercury	24.1	µg/kg		3.81	11.4	µg/kg
DAABFILL57	EPA7471B	Mercury	24	µg/kg		4.07	12.2	µg/kg
DAABFILL02	EPA7471B	Mercury	23.3	µg/kg		3.82	11.4	µg/kg
DAABFILL12	EPA7471B	Mercury	23.2	µg/kg		4.42	13.2	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL13	EPA7471B	Mercury	22.1	µg/kg		4.36	13	µg/kg
DAABFILL29	EPA7471B	Mercury	21.6	µg/kg		4	11.9	µg/kg
DAABFILL37	EPA7471B	Mercury	20.8	µg/kg		4.1	12.2	µg/kg
DAABFILL28	EPA7471B	Mercury	20.2	µg/kg		4.12	12.3	µg/kg
DAABFILL36	EPA7471B	Mercury	19.9	µg/kg		3.56	10.6	µg/kg
DAABFILL50	EPA7471B	Mercury	18.8	µg/kg		3.89	11.6	µg/kg
DAABFILL62	EPA7471B	Mercury	18.6	µg/kg		3.9	11.6	µg/kg
DAABFILL60	EPA7471B	Mercury	18.5	µg/kg		3.88	11.6	µg/kg
DAABFILL41	EPA7471B	Mercury	17.7	µg/kg		3.98	11.9	µg/kg
DAABFILL20	EPA7471B	Mercury	15.9	µg/kg		4.05	12.1	µg/kg
DAABFILL11	EPA7471B	Mercury	14.8	µg/kg		3.89	11.6	µg/kg
DAABFILL54	EPA7471B	Mercury	14.7	µg/kg		4.18	12.5	µg/kg
DAABFILL56	EPA7471B	Mercury	14.6	µg/kg		4.23	12.6	µg/kg
DAABFILL52	EPA7471B	Mercury	13.9	µg/kg		3.97	11.9	µg/kg
DAABFILL18	EPA7471B	Mercury	12.6	µg/kg		4.01	12	µg/kg
DAABFILL61	EPA7471B	Mercury	12.5	µg/kg		3.97	11.9	µg/kg
DAABFILL48	EPA7471B	Mercury	12.5	µg/kg	J	4.3	12.8	µg/kg
DAABFILL59	EPA7471B	Mercury	12.5	µg/kg	J	4.56	13.6	µg/kg
DAABFILL47	EPA7471B	Mercury	12.4	µg/kg		3.64	10.9	µg/kg
DAABFILL38	EPA7471B	Mercury	12.3	µg/kg		3.93	11.7	µg/kg
DAABFILL39	EPA7471B	Mercury	11.9	µg/kg		3.9	11.6	µg/kg
DAABFILL04	EPA7471B	Mercury	11.9	µg/kg	J	4.37	13	µg/kg
DAABFILL53	EPA7471B	Mercury	11.8	µg/kg		3.95	11.8	µg/kg
DAABFILL03	EPA7471B	Mercury	10.8	µg/kg	J	4.13	12.3	µg/kg
DAABFILL10	EPA7471B	Mercury	9.28	µg/kg	J	3.84	11.5	µg/kg
DAABFILL58	EPA7471B	Mercury	9.07	µg/kg	J	4.11	12.3	µg/kg
DAABFILL64	EPA7471B	Mercury	8.75	µg/kg	J	3.94	11.7	µg/kg
DAABFILL14	EPA7471B	Mercury	8.25	µg/kg	J	4.57	13.6	µg/kg
DAABFILL63	EPA7471B	Mercury	8.02	µg/kg	J	4.48	13.4	µg/kg
DAABFILL51	EPA7471B	Mercury	7.59	µg/kg	J	3.88	11.6	µg/kg
DAABFILL45	EPA7471B	Mercury	7.16	µg/kg	J	3.87	11.5	µg/kg
DAABFILL43	EPA8081B	DDE	1.73	µg/kg		0.36	1.44	µg/kg
DAABFILL34	EPA8081B	DDE	0.866	µg/kg	J	0.358	1.43	µg/kg
DAABFILL12	EPA8081B	DDE	0.6	µg/kg	J	0.368	1.47	µg/kg
DAABFILL18	EPA8081B	DDE	0.543	µg/kg	J	0.358	1.43	µg/kg
DAABFILL07	EPA8081B	DDE	0.438	µg/kg	J	0.353	1.41	µg/kg
DAABFILL48	EPA8081B	DDT	1.65	µg/kg		0.399	1.6	µg/kg
DAABFILL43	EPA8081B	DDT	1.45	µg/kg		0.36	1.44	µg/kg
DAABFILL07	EPA8081B	DDT	0.935	µg/kg	J	0.353	1.41	µg/kg
DAABFILL23	EPA8081B	DDT	0.722	µg/kg	J	0.374	1.5	µg/kg
DAABFILL26	EPA8081B	Endosulfan Sulfate	0.582	µg/kg	J	0.375	1.5	µg/kg
DAABFILL06	EPA8081B	Methoxychlor	2.19	µg/kg	J	1.76	7.04	µg/kg
DAABFILL50	EPA8082A	Aroclor 1260	13.8	µg/kg		1.17	3.53	µg/kg
DAABFILL54	EPA8082A	Aroclor 1260	11.9	µg/kg		1.27	3.81	µg/kg
DAABFILL52	EPA8082A	Aroclor 1260	7.7	µg/kg		1.15	3.45	µg/kg
DAABFILL59	EPA8082A	Aroclor 1260	5.04	µg/kg		1.31	3.94	µg/kg
DAABFILL55	EPA8082A	Aroclor 1260	4.99	µg/kg		1.32	3.96	µg/kg
DAABFILL58	EPA8082A	Aroclor 1260	3.28	µg/kg	J	1.23	3.69	µg/kg
DAABFILL63	EPA8082A	Aroclor 1260	1.86	µg/kg	J	1.39	4.16	µg/kg
DAABFILL57	EPA8260B	Acetone	92.4	µg/kg		1.84	5.53	µg/kg
DAABFILL45	EPA8260B	Acetone	40	µg/kg		1.64	4.93	µg/kg
DAABFILL40	EPA8260B	Acetone	39.7	µg/kg		1.83	5.48	µg/kg
DAABFILL42	EPA8260B	Acetone	38.1	µg/kg		1.89	5.66	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL34	EPA8260B	Acetone	35.8	µg/kg		1.87	5.6	µg/kg
DAABFILL61	EPA8260B	Acetone	29.4	µg/kg		1.81	5.44	µg/kg
DAABFILL43	EPA8260B	Acetone	28.6	µg/kg		1.73	5.19	µg/kg
DAABFILL28	EPA8260B	Acetone	25.8	µg/kg		1.76	5.27	µg/kg
DAABFILL63	EPA8260B	Acetone	23.7	µg/kg		2.01	6.02	µg/kg
DAABFILL56	EPA8260B	Acetone	19.1	µg/kg		1.99	5.98	µg/kg
DAABFILL18	EPA8260B	Acetone	16.9	µg/kg		1.73	5.18	µg/kg
DAABFILL58	EPA8260B	Acetone	14	µg/kg		1.74	5.23	µg/kg
DAABFILL23	EPA8260B	Acetone	11.7	µg/kg		1.99	5.98	µg/kg
DAABFILL52	EPA8260B	Acetone	8.08	µg/kg		1.74	5.21	µg/kg
DAABFILL53	EPA8260B	Acetone	8.03	µg/kg		1.79	5.37	µg/kg
DAABFILL44	EPA8260B	Acetone	6.83	µg/kg		1.82	5.44	µg/kg
DAABFILL17	EPA8260B	Acetone	6.45	µg/kg		1.88	5.65	µg/kg
DAABFILL19	EPA8260B	Acetone	5.36	µg/kg	J	1.92	5.76	µg/kg
DAABFILL21	EPA8260B	Acetone	4.66	µg/kg	J	1.76	5.29	µg/kg
DAABFILL50	EPA8260B	Acetone	3.95	µg/kg	J	1.73	5.2	µg/kg
DAABFILL36	EPA8260B	Acetone	3.84	µg/kg	J	1.73	5.2	µg/kg
DAABFILL64	EPA8260B	Acetone	3.81	µg/kg	J	1.74	5.23	µg/kg
DAABFILL22	EPA8260B	Acetone	3.5	µg/kg	J	1.72	5.16	µg/kg
DAABFILL20	EPA8260B	Acetone	3.3	µg/kg	J	1.74	5.21	µg/kg
DAABFILL25	EPA8260B	Acetone	3.26	µg/kg	J	1.63	4.9	µg/kg
DAABFILL54	EPA8260B	Acetone	3.14	µg/kg	J	1.77	5.31	µg/kg
DAABFILL35	EPA8260B	Acetone	3.06	µg/kg	J	1.81	5.43	µg/kg
DAABFILL37	EPA8260B	Acetone	2.81	µg/kg	J	1.82	5.45	µg/kg
DAABFILL30	EPA8260B	Acetone	2.76	µg/kg	J	1.86	5.58	µg/kg
DAABFILL29	EPA8260B	Acetone	2.28	µg/kg	J	1.89	5.68	µg/kg
DAABFILL59	EPA8260B	Cumene (Isopropylbenzene)	0.38	µg/kg	J	0.372	1.12	µg/kg
DAABFILL50	EPA8260B	Dichloromethane (Methylene Chloride)	3.08	µg/kg	J	1.73	5.2	µg/kg
DAABFILL36	EPA8260B	Dichloromethane (Methylene Chloride)	2.58	µg/kg	J	1.73	5.2	µg/kg
DAABFILL48	EPA8260B	Dichloromethane (Methylene Chloride)	2.54	µg/kg	J	1.88	5.65	µg/kg
DAABFILL53	EPA8260B	Dichloromethane (Methylene Chloride)	2.2	µg/kg	J	1.79	5.37	µg/kg
DAABFILL60	EPA8260B	Dichloromethane (Methylene Chloride)	1.87	µg/kg	J	1.78	5.32	µg/kg
DAABFILL34	EPA8260B	Ethylbenzene	0.437	µg/kg	J	0.373	1.12	µg/kg
DAABFILL34	EPA8260B	M,P-xylene	1.86	µg/kg	J	0.747	2.24	µg/kg
DAABFILL54	EPA8260B	M,P-xylene	1.24	µg/kg	J	0.708	2.12	µg/kg
DAABFILL55	EPA8260B	M,P-xylene	0.915	µg/kg	J	0.753	2.26	µg/kg
DAABFILL47	EPA8260B	M,P-xylene	0.883	µg/kg	J	0.647	1.94	µg/kg
DAABFILL50	EPA8260B	M,P-xylene	0.843	µg/kg	J	0.694	2.08	µg/kg
DAABFILL39	EPA8260B	M,P-xylene	0.78	µg/kg	J	0.694	2.08	µg/kg
DAABFILL57	EPA8260B	Methyl Ethyl Ketone	71.6	µg/kg		1.84	5.53	µg/kg
DAABFILL56	EPA8260B	Methyl Ethyl Ketone	3.02	µg/kg	J	1.99	5.98	µg/kg
DAABFILL45	EPA8260B	Methyl Ethyl Ketone	2.33	µg/kg	J	1.64	4.93	µg/kg
DAABFILL28	EPA8260B	Methyl Ethyl Ketone	2.26	µg/kg	J	1.76	5.27	µg/kg
DAABFILL34	EPA8260B	O-xylene	0.537	µg/kg	J	0.373	1.12	µg/kg
DAABFILL54	EPA8260B	O-xylene	0.425	µg/kg	J	0.354	1.06	µg/kg
DAABFILL61	EPA8260B	Styrene	6.02	µg/kg		0.362	1.09	µg/kg
DAABFILL46	EPA8260B	Styrene	0.392	µg/kg	J	0.353	1.06	µg/kg
DAABFILL04	EPA8260B	Tetrachloroethylene (PCE)	0.655	µg/kg	J	0.345	1.15	µg/kg
DAABFILL03	EPA8260B	Tetrachloroethylene (PCE)	0.654	µg/kg	J	0.35	1.17	µg/kg
DAABFILL02	EPA8260B	Tetrachloroethylene (PCE)	0.645	µg/kg	J	0.328	1.09	µg/kg
DAABFILL01	EPA8260B	Tetrachloroethylene (PCE)	0.582	µg/kg	J	0.329	1.1	µg/kg
DAABFILL05	EPA8260B	Tetrachloroethylene (PCE)	0.566	µg/kg	J	0.386	1.29	µg/kg
DAABFILL10	EPA8260B	Tetrachloroethylene (PCE)	0.549	µg/kg	J	0.323	1.08	µg/kg

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL11	EPA8260B	Tetrachloroethylene (PCE)	0.482	µg/kg	J	0.301	1	µg/kg
DAABFILL12	EPA8260B	Tetrachloroethylene (PCE)	0.47	µg/kg	J	0.328	1.09	µg/kg
DAABFILL06	EPA8260B	Tetrachloroethylene (PCE)	0.465	µg/kg	J	0.297	0.989	µg/kg
DAABFILL07	EPA8260B	Tetrachloroethylene (PCE)	0.437	µg/kg	J	0.291	0.97	µg/kg
DAABFILL09	EPA8260B	Tetrachloroethylene (PCE)	0.423	µg/kg	J	0.295	0.983	µg/kg
DAABFILL08	EPA8260B	Tetrachloroethylene (PCE)	0.418	µg/kg	J	0.291	0.971	µg/kg
DAABFILL57	EPA8270D	Benzoic Acid	759	µg/kg		184	737	µg/kg
DAABFILL02	EPA8270D	Di-N-Butyl Phthalate	152	µg/kg	J	109	364	µg/kg
DAABFILL05	EPA8270D	Di-N-Butyl Phthalate	130	µg/kg	J	128	428	µg/kg
DAABFILL16	EPA8270D	Di-N-Butyl Phthalate	126	µg/kg	J	114	381	µg/kg
DAABFILL08	EPA8270D	Di-N-Butyl Phthalate	125	µg/kg	J	107	355	µg/kg
DAABFILL07	EPA8270D	Di-N-Butyl Phthalate	123	µg/kg	J	106	355	µg/kg
DAABFILL01	EPA8270D	Di-N-Butyl Phthalate	122	µg/kg	J	105	351	µg/kg
DAABFILL57	EPA8270D	M/P-Cresol	112	µg/kg	J	111	368	µg/kg
DAABFILL54	EPA8270D	Safrole	167	µg/kg	J	114	381	µg/kg
DAABFILL09	RADA-001	Gross Alpha	136	pCi/g		1.87	11.9	pCi/g
DAABFILL16	RADA-001	Gross Alpha	27.1	pCi/g		2.96	14.2	pCi/g
DAABFILL14	RADA-001	Gross Alpha	25.6	pCi/g		2.92	13.8	pCi/g
DAABFILL01	RADA-001	Gross Alpha	24.4	pCi/g		1.31	5.15	pCi/g
DAABFILL25	RADA-001	Gross Alpha	19.9	pCi/g		3.86	12.8	pCi/g
DAABFILL05	RADA-001	Gross Alpha	18.6	pCi/g		1.88	6.12	pCi/g
DAABFILL42	RADA-001	Gross Alpha	17.9	pCi/g		3.87	13.3	pCi/g
DAABFILL32	RADA-001	Gross Alpha	17.8	pCi/g		3.86	13.9	pCi/g
DAABFILL23	RADA-001	Gross Alpha	16.1	pCi/g		3.91	12.9	pCi/g
DAABFILL10	RADA-001	Gross Alpha	14.4	pCi/g	J	1.95	5.69	pCi/g
DAABFILL13	RADA-001	Gross Alpha	14.3	pCi/g		2.75	11.5	pCi/g
DAABFILL08	RADA-001	Gross Alpha	14	pCi/g	J	1.85	5.59	pCi/g
DAABFILL20	RADA-001	Gross Alpha	12.4	pCi/g		4	12.4	pCi/g
DAABFILL03	RADA-001	Gross Alpha	12.4	pCi/g	J	1.86	5.3	pCi/g
DAABFILL37	RADA-001	Gross Alpha	12.3	pCi/g		3.89	11.9	pCi/g
DAABFILL53	RADA-001	Gross Alpha	12.2	pCi/g	J	4	12.5	pCi/g
DAABFILL34	RADA-001	Gross Alpha	12	pCi/g		3.88	11.7	pCi/g
DAABFILL12	RADA-001	Gross Alpha	11.7	pCi/g	J	1.52	4.76	pCi/g
DAABFILL40	RADA-001	Gross Alpha	11.5	pCi/g	J	3.97	12.1	pCi/g
DAABFILL15	RADA-001	Gross Alpha	11.4	pCi/g		2.9	9.96	pCi/g
DAABFILL07	RADA-001	Gross Alpha	11.1	pCi/g	J	1.57	5.05	pCi/g
DAABFILL27	RADA-001	Gross Alpha	11	pCi/g	J	3.92	11.8	pCi/g
DAABFILL26	RADA-001	Gross Alpha	10.6	pCi/g	J	3.77	11	pCi/g
DAABFILL35	RADA-001	Gross Alpha	9.72	pCi/g	J	3.8	10.8	pCi/g
DAABFILL02	RADA-001	Gross Alpha	9.57	pCi/g	J	1.36	4	pCi/g
DAABFILL19	RADA-001	Gross Alpha	9.13	pCi/g	J	3.72	11.3	pCi/g
DAABFILL61	RADA-001	Gross Alpha	9.13	pCi/g	J	3.88	11.6	pCi/g
DAABFILL11	RADA-001	Gross Alpha	9.04	pCi/g	J	1.63	4.65	pCi/g
DAABFILL49	RADA-001	Gross Alpha	8.86	pCi/g	J	3.96	10.6	pCi/g
DAABFILL46	RADA-001	Gross Alpha	8.85	pCi/g	J	3.98	11.6	pCi/g
DAABFILL04	RADA-001	Gross Alpha	8.37	pCi/g	J	1.33	3.93	pCi/g
DAABFILL06	RADA-001	Gross Alpha	8.36	pCi/g	J	1.35	3.91	pCi/g
DAABFILL39	RADA-001	Gross Alpha	7.91	pCi/g	J	3.96	11	pCi/g
DAABFILL57	RADA-001	Gross Alpha	7.87	pCi/g	J	3.9	10.1	pCi/g
DAABFILL21	RADA-001	Gross Alpha	7.82	pCi/g	J	3.96	11.8	pCi/g
DAABFILL63	RADA-001	Gross Alpha	7.57	pCi/g	J	3.83	10.3	pCi/g
DAABFILL29	RADA-001	Gross Alpha	7.47	pCi/g	J	3.93	10.9	pCi/g
DAABFILL30	RADA-001	Gross Alpha	7.39	pCi/g	J	3.99	9.67	pCi/g

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL48	RADA-001	Gross Alpha	7.39	pCi/g	J	3.23	9.87	pCi/g
DAABFILL55	RADA-001	Gross Alpha	7.27	pCi/g	J	2.38	8.96	pCi/g
DAABFILL28	RADA-001	Gross Alpha	7.25	pCi/g	J	3.81	11	pCi/g
DAABFILL50	RADA-001	Gross Alpha	7.21	pCi/g	J	3.78	10.3	pCi/g
DAABFILL22	RADA-001	Gross Alpha	7.02	pCi/g	J	3.84	10.6	pCi/g
DAABFILL24	RADA-001	Gross Alpha	6.55	pCi/g	J	3.92	10.5	pCi/g
DAABFILL44	RADA-001	Gross Alpha	6.34	pCi/g	J	4.14	10.4	pCi/g
DAABFILL38	RADA-001	Gross Alpha	6.23	pCi/g	J	3.93	10	pCi/g
DAABFILL62	RADA-001	Gross Alpha	6.05	pCi/g	J	3.95	9.33	pCi/g
DAABFILL58	RADA-001	Gross Alpha	5.83	pCi/g	J	3.89	9.95	pCi/g
DAABFILL36	RADA-001	Gross Alpha	5.76	pCi/g	J	3.84	10.2	pCi/g
DAABFILL33	RADA-001	Gross Alpha	5.72	pCi/g	J	3.91	9.65	pCi/g
DAABFILL54	RADA-001	Gross Alpha	5.2	pCi/g	J	3.98	9.7	pCi/g
DAABFILL59	RADA-001	Gross Alpha	5.19	pCi/g	J	2.42	6.2	pCi/g
DAABFILL45	RADA-001	Gross Alpha	5.11	pCi/g	J	3.86	9.66	pCi/g
DAABFILL56	RADA-001	Gross Alpha	5.09	pCi/g	J	3.75	9.65	pCi/g
DAABFILL52	RADA-001	Gross Alpha	4.32	pCi/g	J	3.93	9.73	pCi/g
DAABFILL15	RADA-001	Nonvolatile Beta	47.4	pCi/g		2.28	8.4	pCi/g
DAABFILL13	RADA-001	Nonvolatile Beta	32.2	pCi/g		3.85	12.1	pCi/g
DAABFILL32	RADA-001	Nonvolatile Beta	23.2	pCi/g		4.23	12.8	pCi/g
DAABFILL14	RADA-001	Nonvolatile Beta	21.7	pCi/g		2.53	7.13	pCi/g
DAABFILL05	RADA-001	Nonvolatile Beta	19.4	pCi/g		1.99	5.33	pCi/g
DAABFILL25	RADA-001	Nonvolatile Beta	17.8	pCi/g		5.02	12.7	pCi/g
DAABFILL42	RADA-001	Nonvolatile Beta	15.5	pCi/g		3.66	10.7	pCi/g
DAABFILL28	RADA-001	Nonvolatile Beta	14.8	pCi/g		4.55	12.1	pCi/g
DAABFILL09	RADA-001	Nonvolatile Beta	14.6	pCi/g		2.32	5.78	pCi/g
DAABFILL16	RADA-001	Nonvolatile Beta	14.5	pCi/g		3.1	8.02	pCi/g
DAABFILL23	RADA-001	Nonvolatile Beta	13.8	pCi/g		4.37	11.4	pCi/g
DAABFILL37	RADA-001	Nonvolatile Beta	13.1	pCi/g		4.87	12.4	pCi/g
DAABFILL08	RADA-001	Nonvolatile Beta	12.6	pCi/g		2.03	5.03	pCi/g
DAABFILL57	RADA-001	Nonvolatile Beta	11.9	pCi/g		3.65	9.41	pCi/g
DAABFILL10	RADA-001	Nonvolatile Beta	11.6	pCi/g	J	2.07	5.11	pCi/g
DAABFILL11	RADA-001	Nonvolatile Beta	11.6	pCi/g	J	1.95	4.83	pCi/g
DAABFILL03	RADA-001	Nonvolatile Beta	11	pCi/g	J	2.31	5.57	pCi/g
DAABFILL17	RADA-001	Nonvolatile Beta	10.8	pCi/g		4.17	10.5	pCi/g
DAABFILL20	RADA-001	Nonvolatile Beta	10.6	pCi/g	J	4.47	11.1	pCi/g
DAABFILL53	RADA-001	Nonvolatile Beta	10.6	pCi/g	J	4.21	11.3	pCi/g
DAABFILL35	RADA-001	Nonvolatile Beta	10.2	pCi/g		3.16	8.48	pCi/g
DAABFILL40	RADA-001	Nonvolatile Beta	9.4	pCi/g	J	4.52	11.2	pCi/g
DAABFILL07	RADA-001	Nonvolatile Beta	8.98	pCi/g	J	2.13	5.09	pCi/g
DAABFILL26	RADA-001	Nonvolatile Beta	8.76	pCi/g		3.38	8.76	pCi/g
DAABFILL34	RADA-001	Nonvolatile Beta	8.73	pCi/g		3.24	8.62	pCi/g
DAABFILL41	RADA-001	Nonvolatile Beta	8.23	pCi/g	J	4.24	10.3	pCi/g
DAABFILL01	RADA-001	Nonvolatile Beta	8.16	pCi/g	J	1.95	4.65	pCi/g
DAABFILL19	RADA-001	Nonvolatile Beta	8.05	pCi/g	J	4.58	11.4	pCi/g
DAABFILL60	RADA-001	Nonvolatile Beta	7.65	pCi/g		1.81	4.63	pCi/g
DAABFILL61	RADA-001	Nonvolatile Beta	7.36	pCi/g	J	5.43	12.9	pCi/g
DAABFILL39	RADA-001	Nonvolatile Beta	7.01	pCi/g	J	5.79	13.3	pCi/g
DAABFILL06	RADA-001	Nonvolatile Beta	6.88	pCi/g	J	1.86	4.42	pCi/g
DAABFILL48	RADA-001	Nonvolatile Beta	6.81	pCi/g	J	4.6	11.1	pCi/g
DAABFILL45	RADA-001	Nonvolatile Beta	6.63	pCi/g	J	3.29	8.47	pCi/g
DAABFILL54	RADA-001	Nonvolatile Beta	6.51	pCi/g	J	2.96	7.56	pCi/g
DAABFILL64	RADA-001	Nonvolatile Beta	6.2	pCi/g	J	4.09	9.67	pCi/g

TABLE 1 — ATTACHMENT 1

Detected Results From Common Fill Borrow Site
Samples DAABFILL01 through DAABFILL64

Station ID	Method Code	Analyte	Result	Result Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAABFILL27	RADA-001	Nonvolatile Beta	6.1	pCi/g	J	3.39	8.39	pCi/g
DAABFILL46	RADA-001	Nonvolatile Beta	5.93	pCi/g	J	3.98	9.74	pCi/g
DAABFILL24	RADA-001	Nonvolatile Beta	5.81	pCi/g	J	3.23	8.13	pCi/g
DAABFILL50	RADA-001	Nonvolatile Beta	5.79	pCi/g	J	3.5	8.66	pCi/g
DAABFILL44	RADA-001	Nonvolatile Beta	5.73	pCi/g	J	3.57	8.59	pCi/g
DAABFILL56	RADA-001	Nonvolatile Beta	5.47	pCi/g	J	3.28	8.2	pCi/g
DAABFILL31	RADA-001	Nonvolatile Beta	5.25	pCi/g	J	3	7.48	pCi/g
DAABFILL22	RADA-001	Nonvolatile Beta	5.08	pCi/g	J	3.13	7.73	pCi/g
DAABFILL62	RADA-001	Nonvolatile Beta	4.69	pCi/g	J	2.46	5.76	pCi/g
DAABFILL21	RADA-001	Nonvolatile Beta	4.68	pCi/g	J	4.39	10.3	pCi/g
DAABFILL12	RADA-001	Nonvolatile Beta	4.67	pCi/g	J	1.33	3.28	pCi/g
DAABFILL02	RADA-001	Nonvolatile Beta	4.16	pCi/g	J	2.14	4.84	pCi/g
DAABFILL63	RADA-001	Nonvolatile Beta	4.08	pCi/g	J	3.74	8.56	pCi/g
DAABFILL30	RADA-001	Nonvolatile Beta	3.91	pCi/g	J	2.26	5.22	pCi/g
DAABFILL58	RADA-001	Nonvolatile Beta	3.8	pCi/g	J	2.69	6.57	pCi/g
DAABFILL04	RADA-001	Nonvolatile Beta	3.76	pCi/g	J	1.78	4.08	pCi/g
DAABFILL59	RADA-001	Nonvolatile Beta	2.69	pCi/g	J	1.98	4.56	pCi/g
DAABFILL16	RADA-011	Uranium-233/234	0.876	pCi/g		0.156	0.758	pCi/g
DAABFILL14	RADA-011	Uranium-233/234	0.869	pCi/g		0.138	0.622	pCi/g
DAABFILL09	RADA-011	Uranium-233/234	0.685	pCi/g		0.0945	0.559	pCi/g
DAABFILL01	RADA-011	Uranium-233/234	0.543	pCi/g		0.0996	0.48	pCi/g
DAABFILL16	RADA-011	Uranium-238	0.902	pCi/g		0.156	0.768	pCi/g
DAABFILL14	RADA-011	Uranium-238	0.686	pCi/g		0.0788	0.503	pCi/g
DAABFILL09	RADA-011	Uranium-238	0.606	pCi/g		0.0945	0.533	pCi/g
DAABFILL01	RADA-011	Uranium-238	0.342	pCi/g	J	0.0489	0.349	pCi/g
DAABFILL16	RADA-013	Radium-226	1.06	pCi/g		0.115	0.465	pCi/g
DAABFILL14	RADA-013	Radium-226	0.802	pCi/g		0.127	0.505	pCi/g
DAABFILL09	RADA-013	Radium-226	0.71	pCi/g		0.127	0.429	pCi/g
DAABFILL01	RADA-013	Radium-226	0.48	pCi/g		0.0759	0.288	pCi/g
DAABFILL14	RADA-013	Radium-228	1.79	pCi/g		0.296	1.05	pCi/g
DAABFILL16	RADA-013	Radium-228	1.37	pCi/g		0.199	0.819	pCi/g
DAABFILL01	RADA-013	Radium-228	0.65	pCi/g		0.201	0.583	pCi/g
DAABFILL14	RADA-038	Thorium-228	1.91	pCi/g		0.27	1.33	pCi/g
DAABFILL16	RADA-038	Thorium-228	1.41	pCi/g		0.295	1.17	pCi/g
DAABFILL09	RADA-038	Thorium-228	0.707	pCi/g	J	0.321	0.973	pCi/g
DAABFILL16	RADA-038	Thorium-230	0.957	pCi/g		0.231	0.933	pCi/g
DAABFILL14	RADA-038	Thorium-232	1.88	pCi/g		0.129	1.14	pCi/g
DAABFILL16	RADA-038	Thorium-232	1.51	pCi/g		0.172	1.03	pCi/g
DAABFILL09	RADA-038	Thorium-232	0.758	pCi/g		0.146	0.748	pCi/g
DAABFILL01	RADA-038	Thorium-232	0.264	pCi/g	J	0.177	0.553	pCi/g

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL01	4/21/2014	EPA6010C	Aluminum	2,920,000	µg/kg		VU	6,560	19,300	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Antimony	965	µg/kg	U	VU	318	965	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Arsenic	647	µg/kg	J	VU	482	2,890	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Barium	25,500	µg/kg		VU	97	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Beryllium	133	µg/kg	J	VU	97	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Cadmium	482	µg/kg	U	VU	97	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Calcium	37,900	µg/kg		VU	7,720	24,100	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Chromium	2,840	µg/kg		VU	145	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Cobalt	946	µg/kg		VU	145	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Copper	1,270	µg/kg		VU	289	965	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Iron	2,030,000	µg/kg		VU	7,720	24,100	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Lead	3,100	µg/kg		VU	318	965	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Magnesium	64,600	µg/kg		VU	8,200	28,900	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Manganese	220,000	µg/kg		VU	193	965	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Nickel	1,460	µg/kg		VU	145	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Potassium	50,000	µg/kg		VU	6,170	24,100	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Selenium	2,890	µg/kg	U	VU	482	2,890	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Silver	482	µg/kg	U	VU	97	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Sodium	9,890	µg/kg	J	VU	6,750	24,100	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Thallium	1,930	µg/kg	U	VU	482	1,930	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Vanadium	3,800	µg/kg		VU	97	482	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Zinc	3,650	µg/kg	J	VU	386	965	µg/kg	REG
DAABFILL01	4/21/2014	EPA6010C	Aluminum	3,070,000	µg/kg		VU	32,800	96,500	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Antimony	4,820	µg/kg	U	VU	1,590	4,820	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Arsenic	14,500	µg/kg	U	VU	2,410	14,500	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Barium	26,400	µg/kg		VU	482	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Beryllium	2,410	µg/kg	U	VU	482	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Cadmium	2,410	µg/kg	U	VU	482	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Calcium	42,000	µg/kg	J	VU	38,600	121,000	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Chromium	2,760	µg/kg		VU	724	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Cobalt	940	µg/kg	J	VU	724	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Copper	4,820	µg/kg	U	VU	1,450	4,820	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Iron	2,100,000	µg/kg		VU	38,600	121,000	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Lead	4,000	µg/kg	J	VU	1,590	4,820	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Magnesium	70,500	µg/kg	J	VU	41,000	145,000	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Manganese	227,000	µg/kg		VU	965	4,820	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Nickel	1,540	µg/kg	J	VU	724	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Potassium	38,900	µg/kg	J	VU	30,900	121,000	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Selenium	14,500	µg/kg	U	VU	2,410	14,500	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Silver	2,410	µg/kg	U	VU	482	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Sodium	121,000	µg/kg	U	VU	33,800	121,000	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Thallium	9,650	µg/kg	U	VU	2,410	9,650	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Vanadium	4,010	µg/kg		VU	482	2,410	µg/kg	SD
DAABFILL01	4/21/2014	EPA6010C	Zinc	3,680	µg/kg	J	VU	1,930	4,820	µg/kg	SD
DAABFILL01	4/21/2014	EPA7471B	Mercury	25.4	µg/kg		VU	4.06	12.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA7471B	Mercury	22.4	µg/kg	J	VU	20.3	60.7	µg/kg	SD
DAABFILL01	4/21/2014	EPA8081B	Aldrin	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Alpha-Benzene Hexachloride	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Alpha-Chlordane	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Beta-Benzene Hexachloride	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	DDD	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	DDE	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	DDT	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Delta-Benzene Hexachloride	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Dieldrin	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endosulfan I	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endosulfan II	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endosulfan Sulfate	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endrin	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endrin Aldehyde	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Endrin Ketone	1.4	µg/kg	U	VU	0.351	1.4	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Gamma-Chlordane	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Heptachlor	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Heptachlor Epoxide	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL01	4/21/2014	EPA8081B	Lindane	0.701	µg/kg	U	VU	0.175	0.701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Methoxychlor	7.01	µg/kg	U	VU	1.75	7.01	µg/kg	REG
DAABFILL01	4/21/2014	EPA8081B	Toxaphene	17.5	µg/kg	U	VU	5.84	17.5	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1016	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1221	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1232	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1242	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1248	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1254	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8082A	Aroclor 1260	3.51	µg/kg	U	VU	1.17	3.51	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1,1-Trchloroethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1,2-Trichloroethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1-Dichloroethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,1-Dichloroethylene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2,3-Trchlorobenzene	1.1	µg/kg	U	VU	0.439	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2,4-Trchlorobenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.1	µg/kg	U	VU	0.549	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2-Dibromoethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2-Dichlorobenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,2-Dichloropropane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,3-Dichlorobenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,4-Dichlorobenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	1,4-Dioxane	54.9	µg/kg	U	VU	16.5	54.9	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	2-Hexanone	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Acetone	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Benzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Bromochloromethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Bromodichloromethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Bromoform (Tribromomethane)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Carbon Disulfide	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Carbon Tetrachloride	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Chlorobenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Chloroform	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Cis-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Cyclohexane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Dibromochloromethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Dichlorodifluoromethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.49	µg/kg	U	VU	2.19	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Ethylbenzene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	M,P-Xylene	2.19	µg/kg	U	VU	0.329	2.19	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Methyl Acetate	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Methyl Ethyl Ketone	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Methyl Isobutyl Ketone	5.49	µg/kg	U	VU	1.65	5.49	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Methylcyclohexane	1.1	µg/kg	U	VU	0.439	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	O-Xylene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Styrene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Tetrachloroethylene(PCE)	0.582	µg/kg	J	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Toluene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Trans-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Trichloroethylene (TCE)	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8260B	Trichlorofluoromethane	1.1	µg/kg	U	VU	0.329	1.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	1,1'-Biphenyl	351	µg/kg	U	VU	105	351	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL01	4/21/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4,5-Trichlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4,6-Trichlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4-Dichlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4-Dimethylphenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4-Dinitrophenol	701	µg/kg	U	VU	105	701	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,4-Dinitrotoluene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2,6-Dinitrotoluene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2-Chloronaphthalene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2-Chlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2-Methylnaphthalene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2-Nitroaniline	351	µg/kg	U	VU	116	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	2-Nitrophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	3,3-Dichlorobenzidine	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	4-Bromophenyl Phenyl Ether	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	4-Chloroaniline	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	4-Nitrophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Acenaphthene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Acenaphthylene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Acetophenone	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Anthracene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Atrazine	351	µg/kg	U	VU	140	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzaldehyde	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzo(G,H,I)Perylene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzo[A]Anthracene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzo[A]Pyrene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzo[B]Fluoranthene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Benzo[K]Fluoranthene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Bis(2-Chloroethyl)Ether	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Butyl Benzyl Phthalate	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Caprolactam	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Carbazole	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Chrysene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Dibenz[A,H]Anthracene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Dibenzofuran	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Diethyl Phthalate	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Dimethyl Phthalate	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Di-N-Butyl Phthalate	122	µg/kg	J	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Dinitro-O-Cresol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Fluoranthene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Fluorene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Hexachlorobenzene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Hexachlorobutadiene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Hexachlorocyclopentadiene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Hexachloroethane	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Isophorone	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	M/P-Cresol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	M-Nitroaniline	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Naphthalene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	N-Dioctyl Phthalate	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Nitrobenzene	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	N-Nitrosodiphenylamine	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	O-Cresol (2-Methylphenol)	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	P-Chloro-M-Cresol	351	µg/kg	U	VU	140	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Pentachlorophenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Phenanthrene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL01	4/21/2014	EPA8270D	Phenol	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	P-Nitroaniline	351	µg/kg	U	VU	105	351	µg/kg	REG
DAABFILL01	4/21/2014	EPA8270D	Pyrene	35.1	µg/kg	U	VU	10.5	35.1	µg/kg	REG
DAABFILL01	4/21/2014	EPA9012B	Cyanide	258	µg/kg	U	VU	86.2	258	µg/kg	LD
DAABFILL01	4/21/2014	EPA9012B	Cyanide	258	µg/kg	U	VU	86.2	258	µg/kg	REG
DAABFILL01	4/21/2014	RADA-001	Gross Alpha	24.4	pCi/g		VU	1.31	5.15	pCi/g	REG
DAABFILL01	4/21/2014	RADA-001	Nonvolatile Beta	8.16	pCi/g	J	VU	1.95	4.65	pCi/g	REG
DAABFILL01	4/21/2014	RADA-011	Uranium-233/234	0.543	pCi/g		VU	0.0996	0.48	pCi/g	REG
DAABFILL01	4/21/2014	RADA-011	Uranium-235	-0.00484	pCi/g	U	VU	0.0966	0.18	pCi/g	REG
DAABFILL01	4/21/2014	RADA-011	Uranium-238	0.342	pCi/g	J	VU	0.0489	0.349	pCi/g	REG
DAABFILL01	4/21/2014	RADA-013	Radium-226	0.331	pCi/g	J	VU	0.102	0.374	pCi/g	LD
DAABFILL01	4/21/2014	RADA-013	Radium-228	0.485	pCi/g	J	VU	0.174	0.516	pCi/g	LD
DAABFILL01	4/21/2014	RADA-013	Radium-226	0.48	pCi/g		VU	0.0759	0.288	pCi/g	REG
DAABFILL01	4/21/2014	RADA-013	Radium-228	0.65	pCi/g		VU	0.201	0.583	pCi/g	REG
DAABFILL01	4/21/2014	RADA-038	Thorium-228	0.25	pCi/g	U	VU	0.268	0.686	pCi/g	REG
DAABFILL01	4/21/2014	RADA-038	Thorium-230	0.304	pCi/g	U	VU	0.238	0.662	pCi/g	REG
DAABFILL01	4/21/2014	RADA-038	Thorium-232	0.264	pCi/g	J	VU	0.177	0.553	pCi/g	REG
DAABFILL02	4/21/2014	EPA6010C	Aluminum	2,980,000	µg/kg		VU	6,540	19,200	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Antimony	961	µg/kg	U	VU	317	961	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Arsenic	2,880	µg/kg	U	VU	481	2,880	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Barium	16,900	µg/kg		VU	96.1	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Beryllium	117	µg/kg	J	VU	96.1	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Cadmium	481	µg/kg	U	VU	96.1	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Calcium	25,600	µg/kg		VU	7,690	24,000	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Chromium	2,640	µg/kg		VU	144	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Cobalt	729	µg/kg		VU	144	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Copper	1,370	µg/kg		VU	288	961	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Iron	2,290,000	µg/kg		VU	7,690	24,000	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Lead	2,850	µg/kg		VU	317	961	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Magnesium	68,700	µg/kg		VU	8,170	28,800	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Manganese	132,000	µg/kg		VU	192	961	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Nickel	1,400	µg/kg		VU	144	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Potassium	55,500	µg/kg		VU	6,150	24,000	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Selenium	2,880	µg/kg	U	VU	481	2,880	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Silver	481	µg/kg	U	VU	96.1	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Sodium	8,460	µg/kg	J	VU	6,730	24,000	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Thallium	1,920	µg/kg	U	VU	481	1,920	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Vanadium	4,310	µg/kg		VU	96.1	481	µg/kg	REG
DAABFILL02	4/21/2014	EPA6010C	Zinc	3,950	µg/kg	J	VU	384	961	µg/kg	REG
DAABFILL02	4/21/2014	EPA7471B	Mercury	23.3	µg/kg		VU	3.82	11.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Aldrin	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Alpha-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Alpha-Chlordane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Beta-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	DDD	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	DDE	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	DDT	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Delta-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endosulfan I	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Gamma-Chlordane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Heptachlor	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Heptachlor Epoxide	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Lindane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Methoxychlor	7.21	µg/kg	U	VU	1.8	7.21	µg/kg	REG
DAABFILL02	4/21/2014	EPA8081B	Toxaphene	18	µg/kg	U	VU	6	18	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1016	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1221	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1232	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1242	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1248	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1254	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8082A	Aroclor 1260	3.64	µg/kg	U	VU	1.21	3.64	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.438	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.547	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	1,4-Dioxane	54.7	µg/kg	U	VU	16.4	54.7	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	2-Hexanone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Acetone	6.13	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Carbon Disulfide	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.47	µg/kg	U	VU	2.19	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	M,P-Xylene	2.19	µg/kg	U	VU	0.328	2.19	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Methyl Acetate	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Methyl Ethyl Ketone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Methyl Isobutyl Ketone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.438	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Tetrachloroethylene(PCE)	0.645	µg/kg	J	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	1,1'-Biphenyl	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,4,5-Trichlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,4,6-Trichlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,4-Dichlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL02	4/21/2014	EPA8270D	2,4-Dimethylphenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,4-Dinitrophenol	729	µg/kg	U	VU	109	729	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,4-Dinitrotoluene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2,6-Dinitrotoluene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2-Chloronaphthalene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2-Chlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2-Methylnaphthalene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2-Nitroaniline	364	µg/kg	U	VU	120	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	2-Nitrophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	3,3-Dichlorobenzidine	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	4-Bromophenyl Phenyl Ether	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	4-Chloroaniline	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	4-Nitrophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Acenaphthene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Acenaphthylene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Acetophenone	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Anthracene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Atrazine	364	µg/kg	U	VU	146	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzaldehyde	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzo(G,H,I)Perylene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzo[A]Anthracene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzo[A]Pyrene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzo[B]Fluoranthene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Benzo[K]Fluoranthene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Bis(2-Chloroethyl)Ether	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Butyl Benzyl Phthalate	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Caprolactam	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Carbazole	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Chrysene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Dibenz[A,H]Anthracene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Dibenzofuran	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Diethyl Phthalate	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Dimethyl Phthalate	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Di-N-Butyl Phthalate	152	µg/kg	J	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Dinitro-O-Cresol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Fluoranthene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Fluorene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Hexachlorobenzene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Hexachlorobutadiene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Hexachlorocyclopentadiene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Hexachloroethane	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Isophorone	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	M/P-Cresol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	M-Nitroaniline	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Naphthalene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	N-Dioctyl Phthalate	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Nitrobenzene	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	N-Nitrosodiphenylamine	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	O-Cresol (2-Methylphenol)	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	P-Chloro-M-Cresol	364	µg/kg	U	VU	146	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Pentachlorophenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Phenanthrene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Phenol	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	P-Nitroaniline	364	µg/kg	U	VU	109	364	µg/kg	REG
DAABFILL02	4/21/2014	EPA8270D	Pyrene	36.4	µg/kg	U	VU	10.9	36.4	µg/kg	REG
DAABFILL02	4/21/2014	EPA9012B	Cyanide	236	µg/kg	U	VU	78.7	236	µg/kg	REG
DAABFILL02	4/21/2014	RADA-001	Gross Alpha	9.57	µg/kg	J	VU	1.36	4	pCi/g	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL02	4/21/2014	RADA-001	Nonvolatile Beta	4.16	µg/kg	J	VU	2.14	4.84	pCi/g	REG
DAABFILL03	4/21/2014	EPA6010C	Aluminum	2,180,000	µg/kg		VU	7,010	20,600	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	340	1,030	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Arsenic	3,090	µg/kg	U	VU	515	3,090	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Barium	10,400	µg/kg		VU	103	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Beryllium	515	µg/kg	U	VU	103	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Cadmium	515	µg/kg	U	VU	103	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Calcium	20,100	µg/kg	J	VU	8,240	25,800	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Chromium	2,420	µg/kg		VU	155	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Cobalt	329	µg/kg	J	VU	155	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Copper	943	µg/kg	J	VU	309	1,030	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Iron	2,240,000	µg/kg		VU	8,240	25,800	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Lead	1,800	µg/kg		VU	340	1,030	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Magnesium	54,800	µg/kg		VU	8,760	30,900	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Manganese	11,800	µg/kg		VU	206	1,030	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Nickel	1,040	µg/kg		VU	155	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Potassium	45,000	µg/kg		VU	6,600	25,800	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Selenium	3,090	µg/kg	U	VU	515	3,090	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Silver	515	µg/kg	U	VU	103	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Sodium	9,830	µg/kg	J	VU	7,210	25,800	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Thallium	2,060	µg/kg	U	VU	515	2,060	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Vanadium	4,260	µg/kg		VU	103	515	µg/kg	REG
DAABFILL03	4/21/2014	EPA6010C	Zinc	2,990	µg/kg	J	VU	412	1,030	µg/kg	REG
DAABFILL03	4/21/2014	EPA7471B	Mercury	10.8	µg/kg	J	VU	4.13	12.3	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Aldrin	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Alpha-Benzene Hexachloride	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Alpha-Chlordane	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Beta-Benzene Hexachloride	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	DDD	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	DDE	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	DDT	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Delta-Benzene Hexachloride	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Dieldrin	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endosulfan I	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endosulfan II	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endosulfan Sulfate	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endrin	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endrin Aldehyde	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Endrin Ketone	1.59	µg/kg	U	VU	0.396	1.59	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Gamma-Chlordane	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Heptachlor	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Heptachlor Epoxide	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Lindane	0.793	µg/kg	U	VU	0.198	0.793	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Methoxychlor	7.93	µg/kg	U	VU	1.98	7.93	µg/kg	REG
DAABFILL03	4/21/2014	EPA8081B	Toxaphene	19.8	µg/kg	U	VU	6.6	19.8	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1016	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1221	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1232	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1242	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1248	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1254	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8082A	Aroclor 1260	3.97	µg/kg	U	VU	1.32	3.97	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1,1-Trchloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1,2-Trichloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1-Dichloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,1-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2,3-Trchlorobenzene	1.17	µg/kg	U	VU	0.467	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2,4-Trchlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.17	µg/kg	U	VU	0.584	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2-Dibromoethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL03	4/21/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,2-Dichloropropane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,3-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,4-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	1,4-Dioxane	58.4	µg/kg	U	VU	17.5	58.4	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	2-Hexanone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Acetone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Benzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Bromochloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Bromodichloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Bromoform (Tribromomethane)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Carbon Disulfide	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Carbon Tetrachloride	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Chlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Chloroform	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Cis-1,3-Dichloropropene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Cyclohexane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Dibromochloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Dichlorodifluoromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.84	µg/kg	U	VU	2.34	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Ethylbenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	M,P-Xylene	2.34	µg/kg	U	VU	0.35	2.34	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Methyl Acetate	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Methyl Ethyl Ketone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Methyl Isobutyl Ketone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Methylcyclohexane	1.17	µg/kg	U	VU	0.467	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	O-Xylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Styrene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Tetrachloroethylene(PCE)	0.654	µg/kg	J	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Toluene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Trans-1,3-Dichloropropene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Trichloroethylene (TCE)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8260B	Trichlorofluoromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	1,1'-Biphenyl	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4,5-Trichlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4,6-Trichlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4-Dichlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4-Dimethylphenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4-Dinitrophenol	794	µg/kg	U	VU	119	794	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,4-Dinitrotoluene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2,6-Dinitrotoluene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2-Chloronaphthalene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2-Chlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2-Methylnaphthalene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2-Nitroaniline	397	µg/kg	U	VU	131	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	2-Nitrophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	3,3-Dichlorobenzidine	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	4-Bromophenyl Phenyl Ether	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	4-Chloroaniline	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	4-Nitrophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Acenaphthene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Acenaphthylene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL03	4/21/2014	EPA8270D	Acetophenone	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Anthracene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Atrazine	397	µg/kg	U	VU	159	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzaldehyde	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzo(G,H,I)Perylene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzo[A]Anthracene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzo[A]Pyrene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzo[B]Fluoranthene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Benzo[K]Fluoranthene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Bis(2-Chloroethyl)Ether	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Butyl Benzyl Phthalate	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Caprolactam	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Carbazole	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Chrysene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Dibenz[A,H]Anthracene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Dibenzofuran	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Diethyl Phthalate	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Dimethyl Phthalate	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Di-N-Butyl Phthalate	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Dinitro-O-Cresol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Fluoranthene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Fluorene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Hexachlorobenzene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Hexachlorobutadiene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Hexachlorocyclopentadiene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Hexachloroethane	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Isophorone	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	M/P-Cresol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	M-Nitroaniline	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Naphthalene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	N-Dioctyl Phthalate	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Nitrobenzene	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	N-Nitrosodiphenylamine	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	O-Cresol (2-Methylphenol)	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	P-Chloro-M-Cresol	397	µg/kg	U	VU	159	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Pentachlorophenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Phenanthrene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Phenol	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	P-Nitroaniline	397	µg/kg	U	VU	119	397	µg/kg	REG
DAABFILL03	4/21/2014	EPA8270D	Pyrene	39.7	µg/kg	U	VU	11.9	39.7	µg/kg	REG
DAABFILL03	4/21/2014	EPA9012B	Cyanide	222	µg/kg	U	VU	74.2	222	µg/kg	REG
DAABFILL03	4/21/2014	RADA-001	Gross Alpha	12.4	pCi/g	J	VU	1.86	5.3	pCi/g	REG
DAABFILL03	4/21/2014	RADA-001	Nonvolatile Beta	11	pCi/g	J	VU	2.31	5.57	pCi/g	REG
DAABFILL04	4/21/2014	EPA6010C	Aluminum	2,980,000	µg/kg		VU	7,180	21,100	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Antimony	1,060	µg/kg	U	VU	348	1,060	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Arsenic	689	µg/kg	J	VU	528	3,170	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Barium	18,400	µg/kg		VU	106	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Beryllium	140	µg/kg	J	VU	106	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Cadmium	528	µg/kg	U	VU	106	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Calcium	74,200	µg/kg		VU	8,440	26,400	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Chromium	3,220	µg/kg		VU	158	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Cobalt	640	µg/kg		VU	158	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Copper	1,290	µg/kg		VU	317	1,060	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Iron	2,850,000	µg/kg		VU	8,440	26,400	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Lead	2,990	µg/kg		VU	348	1,060	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Magnesium	85,000	µg/kg		VU	8,970	31,700	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Manganese	29,300	µg/kg		VU	211	1,060	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Nickel	1,440	µg/kg		VU	158	528	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL04	4/21/2014	EPA6010C	Potassium	59,700	µg/kg		VU	6,750	26,400	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Selenium	3,170	µg/kg	U	VU	528	3,170	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Silver	528	µg/kg	U	VU	106	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Sodium	11,600	µg/kg	J	VU	7,390	26,400	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Thallium	2,110	µg/kg	U	VU	528	2,110	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Vanadium	5,250	µg/kg		VU	106	528	µg/kg	REG
DAABFILL04	4/21/2014	EPA6010C	Zinc	3,530	µg/kg	J	VU	422	1,060	µg/kg	REG
DAABFILL04	4/21/2014	EPA7471B	Mercury	11.9	µg/kg	J	VU	4.37	13	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Aldrin	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Alpha-Benzene Hexachloride	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Alpha-Chlordane	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Beta-Benzene Hexachloride	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	DDD	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	DDE	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	DDT	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Delta-Benzene Hexachloride	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Dieldrin	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endosulfan I	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endosulfan II	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endosulfan Sulfate	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endrin	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endrin Aldehyde	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Endrin Ketone	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Gamma-Chlordane	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Heptachlor	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Heptachlor Epoxide	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Lindane	0.77	µg/kg	U	VU	0.192	0.77	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Methoxychlor	7.7	µg/kg	U	VU	1.92	7.7	µg/kg	REG
DAABFILL04	4/21/2014	EPA8081B	Toxaphene	19.2	µg/kg	U	VU	6.41	19.2	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1016	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1221	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1232	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1242	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1248	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1254	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8082A	Aroclor 1260	3.89	µg/kg	U	VU	1.3	3.89	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1,1-Trchloroethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1,2-Trichloroethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1-Dichloroethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,1-Dichloroethylene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2,3-Trchlorobenzene	1.15	µg/kg	U	VU	0.459	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2,4-Trchlorobenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.15	µg/kg	U	VU	0.574	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2-Dibromoethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2-Dichlorobenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,2-Dichloropropane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,3-Dichlorobenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,4-Dichlorobenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	1,4-Dioxane	57.4	µg/kg	U	VU	17.2	57.4	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	2-Hexanone	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Acetone	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Benzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Bromochloromethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Bromodichloromethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Bromoform (Tribromomethane)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Carbon Disulfide	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Carbon Tetrachloride	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Chlorobenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL04	4/21/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Chloroform	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Cis-1,3-Dichloropropene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Cyclohexane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Dibromochloromethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Dichlorodifluoromethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.74	µg/kg	U	VU	2.3	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Ethylbenzene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	M,P-Xylene	2.3	µg/kg	U	VU	0.345	2.3	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Methyl Acetate	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Methyl Ethyl Ketone	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Methyl Isobutyl Ketone	5.74	µg/kg	U	VU	1.72	5.74	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Methylcyclohexane	1.15	µg/kg	U	VU	0.459	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	O-Xylene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Styrene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Tetrachloroethylene(PCE)	0.655	µg/kg	J	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Toluene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Trans-1,3-Dichloropropene	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Trichloroethylene (TCE)	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8260B	Trichlorofluoromethane	1.15	µg/kg	U	VU	0.345	1.15	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	1,1'-Biphenyl	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4,5-Trichlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4,6-Trichlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4-Dichlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4-Dimethylphenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4-Dinitrophenol	779	µg/kg	U	VU	117	779	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,4-Dinitrotoluene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2,6-Dinitrotoluene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2-Chloronaphthalene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2-Chlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2-Methylnaphthalene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2-Nitroaniline	389	µg/kg	U	VU	129	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	2-Nitrophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	3,3-Dichlorobenzidine	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	4-Bromophenyl Phenyl Ether	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	4-Chloroaniline	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	4-Nitrophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Acenaphthene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Acenaphthylene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Acetophenone	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Anthracene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Atrazine	389	µg/kg	U	VU	156	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzaldehyde	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzo(G,H,I)Perylene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzo[A]Anthracene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzo[A]Pyrene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzo[B]Fluoranthene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Benzo[K]Fluoranthene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Bis(2-Chloroethyl)Ether	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Butyl Benzyl Phthalate	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Caprolactam	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Carbazole	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL04	4/21/2014	EPA8270D	Chrysene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Dibenz[A,H]Anthracene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Dibenzofuran	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Diethyl Phthalate	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Dimethyl Phthalate	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Di-N-Butyl Phthalate	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Dinitro-O-Cresol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Fluoranthene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Fluorene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Hexachlorobenzene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Hexachlorobutadiene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Hexachlorocyclopentadiene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Hexachloroethane	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Isophorone	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	M/P-Cresol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	M-Nitroaniline	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Naphthalene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	N-Dioctyl Phthalate	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Nitrobenzene	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	N-Nitrosodiphenylamine	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	O-Cresol (2-Methylphenol)	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	P-Chloro-M-Cresol	389	µg/kg	U	VU	156	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Pentachlorophenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Phenanthrene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Phenol	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	P-Nitroaniline	389	µg/kg	U	VU	117	389	µg/kg	REG
DAABFILL04	4/21/2014	EPA8270D	Pyrene	38.9	µg/kg	U	VU	11.7	38.9	µg/kg	REG
DAABFILL04	4/21/2014	EPA9012B	Cyanide	287	µg/kg	U	VU	95.9	287	µg/kg	REG
DAABFILL04	4/21/2014	RADA-001	Gross Alpha	8.37	µg/kg	J	VU	1.33	3.93	pCi/g	REG
DAABFILL04	4/21/2014	RADA-001	Nonvolatile Beta	3.76	µg/kg	J	VU	1.78	4.08	pCi/g	REG
DAABFILL05	4/21/2014	EPA6010C	Aluminum	4,020,000	µg/kg		VU	7,490	22,000	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Antimony	1,100	µg/kg	U	VU	363	1,100	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Arsenic	1,560	µg/kg	J	VU	550	3,300	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Barium	12,900	µg/kg		VU	110	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Beryllium	550	µg/kg	U	VU	110	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Cadmium	550	µg/kg	U	VU	110	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Calcium	24,900	µg/kg	J	VU	8,810	27,500	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Chromium	13,700	µg/kg		VU	165	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Cobalt	550	µg/kg	U	VU	165	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Copper	1,670	µg/kg		VU	330	1,100	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Iron	12,900,000	µg/kg		VU	8,810	27,500	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Lead	7,370	µg/kg		VU	363	1,100	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Magnesium	33,700	µg/kg		VU	9,360	33,000	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Manganese	6,580	µg/kg		VU	220	1,100	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Nickel	1,070	µg/kg		VU	165	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Potassium	24,700	µg/kg	J	VU	7,050	27,500	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Selenium	3,300	µg/kg	U	VU	550	3,300	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Silver	550	µg/kg	U	VU	110	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Sodium	9,960	µg/kg	J	VU	7,710	27,500	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Thallium	2,200	µg/kg	U	VU	550	2,200	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Vanadium	49,800	µg/kg		VU	110	550	µg/kg	REG
DAABFILL05	4/21/2014	EPA6010C	Zinc	1,980	µg/kg	J	VU	440	1,100	µg/kg	REG
DAABFILL05	4/21/2014	EPA7471B	Mercury	29.6	µg/kg		VU	4.83	14.4	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Aldrin	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Alpha-Benzene Hexachloride	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Alpha-Chlordane	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Beta-Benzene Hexachloride	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	DDD	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	DDE	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	DDT	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Delta-Benzene Hexachloride	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL05	4/21/2014	EPA8081B	Dieldrin	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endosulfan I	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endosulfan II	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endosulfan Sulfate	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endrin	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endrin Aldehyde	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Endrin Ketone	1.71	µg/kg	U	VU	0.427	1.71	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Gamma-Chlordane	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Heptachlor	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Heptachlor Epoxide	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Lindane	0.855	µg/kg	U	VU	0.214	0.855	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Methoxychlor	8.55	µg/kg	U	VU	2.14	8.55	µg/kg	REG
DAABFILL05	4/21/2014	EPA8081B	Toxaphene	21.4	µg/kg	U	VU	7.12	21.4	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1016	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1221	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1232	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1242	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1248	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1254	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8082A	Aroclor 1260	4.25	µg/kg	U	VU	1.41	4.25	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1,1-Trchloroethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1,2-Trichloroethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1-Dichloroethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,1-Dichloroethylene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2,3-Trchlorobenzene	1.29	µg/kg	U	VU	0.514	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2,4-Trchlorobenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.29	µg/kg	U	VU	0.643	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2-Dibromoethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2-Dichlorobenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,2-Dichloropropane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,3-Dichlorobenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,4-Dichlorobenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	1,4-Dioxane	64.3	µg/kg	U	VU	19.3	64.3	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	2-Hexanone	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Acetone	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Benzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Bromochloromethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Bromodichloromethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Bromoform (Tribromomethane)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Carbon Disulfide	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Carbon Tetrachloride	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Chlorobenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Chloroform	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Cis-1,3-Dichloropropene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Cyclohexane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Dibromochloromethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Dichlorodifluoromethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Dichloromethane (Methylene Chloride)	6.43	µg/kg	U	VU	2.57	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Ethylbenzene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	M,P-Xylene	2.57	µg/kg	U	VU	0.386	2.57	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Methyl Acetate	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Methyl Ethyl Ketone	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Methyl Isobutyl Ketone	6.43	µg/kg	U	VU	1.93	6.43	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL05	4/21/2014	EPA8260B	Methylcyclohexane	1.29	µg/kg	U	VU	0.514	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	O-Xylene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Styrene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Tetrachloroethylene(PCE)	0.566	µg/kg	J	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Toluene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Trans-1,3-Dichloropropene	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Trichloroethylene (TCE)	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8260B	Trichlorofluoromethane	1.29	µg/kg	U	VU	0.386	1.29	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	1,1'-Biphenyl	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4,5-Trichlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4,6-Trichlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4-Dichlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4-Dimethylphenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4-Dinitrophenol	856	µg/kg	U	VU	128	856	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,4-Dinitrotoluene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2,6-Dinitrotoluene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2-Chloronaphthalene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2-Chlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2-Methylnaphthalene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2-Nitroaniline	428	µg/kg	U	VU	141	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	2-Nitrophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	3,3-Dichlorobenzidine	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	4-Bromophenyl Phenyl Ether	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	4-Chloroaniline	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	4-Nitrophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Acenaphthene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Acenaphthylene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Acetophenone	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Anthracene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Atrazine	428	µg/kg	U	VU	171	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzaldehyde	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzo(G,H,I)Perylene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzo[A]Anthracene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzo[A]Pyrene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzo[B]Fluoranthene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Benzo[K]Fluoranthene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Bis(2-Chloroethyl)Ether	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Butyl Benzyl Phthalate	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Caprolactam	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Carbazole	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Chrysene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Dibenz[A,H]Anthracene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Dibenzofuran	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Diethyl Phthalate	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Dimethyl Phthalate	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Di-N-Butyl Phthalate	130	µg/kg	J	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Dinitro-O-Cresol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Fluoranthene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Fluorene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Hexachlorobenzene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Hexachlorobutadiene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Hexachlorocyclopentadiene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Hexachloroethane	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Isophorone	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	M/P-Cresol	428	µg/kg	U	VU	128	428	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL05	4/21/2014	EPA8270D	M-Nitroaniline	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Naphthalene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	N-Dioctyl Phthalate	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Nitrobenzene	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	N-Nitrosodiphenylamine	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	O-Cresol (2-Methylphenol)	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	P-Chloro-M-Cresol	428	µg/kg	U	VU	171	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Pentachlorophenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Phenanthrene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Phenol	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	P-Nitroaniline	428	µg/kg	U	VU	128	428	µg/kg	REG
DAABFILL05	4/21/2014	EPA8270D	Pyrene	42.8	µg/kg	U	VU	12.8	42.8	µg/kg	REG
DAABFILL05	4/21/2014	EPA9012B	Cyanide	321	µg/kg	U	VU	107	321	µg/kg	REG
DAABFILL05	4/21/2014	RADA-001	Gross Alpha	18.6	µg/kg		VU	1.88	6.12	pCi/g	REG
DAABFILL05	4/21/2014	RADA-001	Nonvolatile Beta	19.4	µg/kg		VU	1.99	5.33	pCi/g	REG
DAABFILL06	4/22/2014	EPA6010C	Aluminum	2,870,000	µg/kg		VU	6,490	19,100	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Antimony	954	µg/kg	U	VU	315	954	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Arsenic	935	µg/kg	J	VU	477	2,860	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Barium	38,500	µg/kg		VU	95	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Beryllium	209	µg/kg	J	VU	95	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Cadmium	477	µg/kg	U	VU	95	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Calcium	123,000	µg/kg		VU	7,630	23,800	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Chromium	2,480	µg/kg		VU	143	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Cobalt	1,750	µg/kg		VU	143	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Copper	4,530	µg/kg		VU	286	954	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Iron	3,110,000	µg/kg		VU	7,630	23,800	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Lead	4,180	µg/kg		VU	315	954	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Magnesium	77,700	µg/kg		VU	8,110	28,600	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Manganese	326,000	µg/kg		VU	191	954	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Nickel	1,240	µg/kg		VU	143	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Potassium	75,000	µg/kg		VU	6,110	23,800	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Selenium	2,860	µg/kg	U	VU	477	2,860	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Silver	477	µg/kg	U	VU	95	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Sodium	10,900	µg/kg	J	VU	6,680	23,800	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Thallium	1,910	µg/kg	U	VU	477	1,910	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Vanadium	5,950	µg/kg		VU	95.4	477	µg/kg	REG
DAABFILL06	4/22/2014	EPA6010C	Zinc	6,180	µg/kg		VU	382	954	µg/kg	REG
DAABFILL06	4/22/2014	EPA7471B	Mercury	42.5	µg/kg		VU	3.88	11.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Aldrin	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Alpha-Chlordane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	DDD	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	DDE	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	DDT	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Dieldrin	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endosulfan I	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endosulfan II	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endosulfan Sulfate	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endrin	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endrin Aldehyde	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Endrin Ketone	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Gamma-Chlordane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Heptachlor	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Heptachlor Epoxide	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Lindane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Methoxychlor	2.19	µg/kg	J	VU	1.76	7.04	µg/kg	REG
DAABFILL06	4/22/2014	EPA8081B	Toxaphene	17.6	µg/kg	U	VU	5.86	17.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1016	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1221	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1232	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1242	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1248	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1254	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8082A	Aroclor 1260	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1,1-Trchloroethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1,2-Trichloroethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1-Dichloroethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,1-Dichloroethylene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	0.989	µg/kg	U	VU	0.396	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.989	µg/kg	U	VU	0.495	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2-Dibromoethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2-Dichlorobenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,2-Dichloropropane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,3-Dichlorobenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,4-Dichlorobenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	1,4-Dioxane	49.5	µg/kg	U	VU	14.8	49.5	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	2-Hexanone	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Acetone	5.06	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Benzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Bromochloromethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Bromodichloromethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Carbon Disulfide	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Carbon Tetrachloride	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Chlorobenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Chloroform	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Cyclohexane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Dibromochloromethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Dichlorodifluoromethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.95	µg/kg	U	VU	1.98	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Ethylbenzene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	M,P-Xylene	1.98	µg/kg	U	VU	0.297	1.98	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Methyl Acetate	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Methyl Ethyl Ketone	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	4.95	µg/kg	U	VU	1.48	4.95	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Methylcyclohexane	0.989	µg/kg	U	VU	0.396	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	O-Xylene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Styrene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.465	µg/kg	J	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Toluene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Trichloroethylene (TCE)	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8260B	Trichlorofluoromethane	0.989	µg/kg	U	VU	0.297	0.989	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	1,1'-Biphenyl	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,4-Dichlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,4-Dimethylphenol	356	µg/kg	U	VU	107	356	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL06	4/22/2014	EPA8270D	2,4-Dinitrophenol	712	µg/kg	U	VU	107	712	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,4-Dinitrotoluene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2,6-Dinitrotoluene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2-Chloronaphthalene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2-Chlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2-Methylnaphthalene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2-Nitroaniline	356	µg/kg	U	VU	117	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	2-Nitrophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	4-Chloroaniline	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	4-Nitrophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Acenaphthene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Acenaphthylene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Acetophenone	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Anthracene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Atrazine	356	µg/kg	U	VU	142	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzaldehyde	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzo[A]Anthracene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzo[A]Pyrene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Caprolactam	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Carbazole	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Chrysene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Dibenzofuran	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Diethyl Phthalate	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Dimethyl Phthalate	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Dinitro-O-Cresol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Fluoranthene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Fluorene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Hexachlorobenzene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Hexachlorobutadiene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Hexachloroethane	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Isophorone	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	M/P-Cresol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	M-Nitroaniline	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Naphthalene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	N-Dioctyl Phthalate	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Nitrobenzene	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	P-Chloro-M-Cresol	356	µg/kg	U	VU	142	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Pentachlorophenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Phenanthrene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Phenol	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	P-Nitroaniline	356	µg/kg	U	VU	107	356	µg/kg	REG
DAABFILL06	4/22/2014	EPA8270D	Pyrene	35.6	µg/kg	U	VU	10.7	35.6	µg/kg	REG
DAABFILL06	4/22/2014	EPA9012B	Cyanide	267	µg/kg	U	VU	89.2	267	µg/kg	REG
DAABFILL06	4/22/2014	RADA-001	Gross Alpha	10.1	pCi/g	J	VU	1.4	4.26	pCi/g	LD
DAABFILL06	4/22/2014	RADA-001	Nonvolatile Beta	8.31	pCi/g	J	VU	1.57	3.93	pCi/g	LD

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL06	4/22/2014	RADA-001	Gross Alpha	8.36	pCi/g	J	VU	1.35	3.91	pCi/g	REG
DAABFILL06	4/22/2014	RADA-001	Nonvolatile Beta	6.88	pCi/g	J	VU	1.86	4.42	pCi/g	REG
DAABFILL07	4/22/2014	EPA6010C	Aluminum	3,360,000	µg/kg		VU	6,790	20,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Antimony	999	µg/kg	U	VU	330	999	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Arsenic	842	µg/kg	J	VU	500	3,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Barium	39,300	µg/kg		VU	99.9	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Beryllium	193	µg/kg	J	VU	99.9	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Cadmium	500	µg/kg	U	VU	99.9	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Calcium	124,000	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Chromium	3,210	µg/kg		VU	150	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Cobalt	1,580	µg/kg		VU	150	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Copper	1,790	µg/kg		VU	300	999	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Iron	3,850,000	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Lead	3,370	µg/kg		VU	330	999	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Magnesium	99,000	µg/kg		VU	8,490	30,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Manganese	201,000	µg/kg		VU	200	999	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Nickel	1,550	µg/kg		VU	150	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Potassium	76,600	µg/kg		VU	6,390	25,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Selenium	3,000	µg/kg	U	VU	500	3,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Silver	500	µg/kg	U	VU	99.9	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Sodium	10,100	µg/kg	J	VU	6,990	25,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Thallium	2,000	µg/kg	U	VU	500	2,000	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Vanadium	8,370	µg/kg		VU	99.9	500	µg/kg	REG
DAABFILL07	4/22/2014	EPA6010C	Zinc	5,000	µg/kg		VU	400	999	µg/kg	REG
DAABFILL07	4/22/2014	EPA7471B	Mercury	29.1	µg/kg		VU	3.91	11.7	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Aldrin	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Alpha-Chlordane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	DDD	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	DDE	0.438	µg/kg	J	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	DDT	0.935	µg/kg	J	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Dieldrin	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endosulfan I	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endosulfan II	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endosulfan Sulfate	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endrin	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endrin Aldehyde	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Endrin Ketone	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Gamma-Chlordane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Heptachlor	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Heptachlor Epoxide	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Lindane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Methoxychlor	7.07	µg/kg	U	VU	1.77	7.07	µg/kg	REG
DAABFILL07	4/22/2014	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.88	17.7	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1016	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1221	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1232	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1242	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1248	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1254	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8082A	Aroclor 1260	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1,1-Trchloroethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1,2-Trichloroethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1-Dichloroethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,1-Dichloroethylene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	0.97	µg/kg	U	VU	0.388	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.97	µg/kg	U	VU	0.485	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2-Dibromoethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL07	4/22/2014	EPA8260B	1,2-Dichlorobenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,2-Dichloropropane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,3-Dichlorobenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,4-Dichlorobenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	1,4-Dioxane	48.5	µg/kg	U	VU	14.6	48.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	2-Hexanone	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Acetone	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Benzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Bromochloromethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Bromodichloromethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Carbon Disulfide	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Carbon Tetrachloride	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Chlorobenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Chloroform	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Cyclohexane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Dibromochloromethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Dichlorodifluoromethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.85	µg/kg	U	VU	1.94	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Ethylbenzene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	M,P-Xylene	1.94	µg/kg	U	VU	0.291	1.94	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Methyl Acetate	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Methyl Ethyl Ketone	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	4.85	µg/kg	U	VU	1.46	4.85	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Methylcyclohexane	0.97	µg/kg	U	VU	0.388	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	O-Xylene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Styrene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.437	µg/kg	J	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Toluene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Trichloroethylene (TCE)	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8260B	Trichlorofluoromethane	0.97	µg/kg	U	VU	0.291	0.97	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4-Dinitrophenol	710	µg/kg	U	VU	106	710	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL07	4/22/2014	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Acetophenone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Caprolactam	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	123	µg/kg	J	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Isophorone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Phenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL07	4/22/2014	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL07	4/22/2014	EPA9012B	Cyanide	222	µg/kg	U	VU	74.3	222	µg/kg	REG
DAABFILL07	4/22/2014	RADA-001	Gross Alpha	11.1	pCi/g	J	VU	1.57	5.05	pCi/g	REG
DAABFILL07	4/22/2014	RADA-001	Nonvolatile Beta	8.98	pCi/g	J	VU	2.13	5.09	pCi/g	REG
DAABFILL08	4/22/2014	EPA6010C	Aluminum	2,850,000	µg/kg		VU	6,530	19,200	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Antimony	961	µg/kg	U	VU	317	961	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Arsenic	637	µg/kg	J	VU	480	2,880	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Barium	21,700	µg/kg		VU	96.1	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Beryllium	162	µg/kg	J	VU	96.1	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Cadmium	480	µg/kg	U	VU	96.1	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Calcium	113,000	µg/kg		VU	7,690	24,000	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Chromium	2,990	µg/kg		VU	144	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Cobalt	1,340	µg/kg		VU	144	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Copper	1,720	µg/kg		VU	288	961	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Iron	3,680,000	µg/kg		VU	7,690	24,000	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Lead	2,710	µg/kg		VU	317	961	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Magnesium	91,100	µg/kg		VU	8,170	28,800	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Manganese	71,000	µg/kg		VU	192	961	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL08	4/22/2014	EPA6010C	Nickel	1,550	µg/kg		VU	144	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Potassium	78,100	µg/kg		VU	6,150	24,000	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Selenium	2,880	µg/kg	U	VU	480	2,880	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Silver	480	µg/kg	U	VU	96.1	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Sodium	7,760	µg/kg	J	VU	6,730	24,000	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Thallium	1,920	µg/kg	U	VU	480	1920	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Vanadium	7,760	µg/kg		VU	96.1	480	µg/kg	REG
DAABFILL08	4/22/2014	EPA6010C	Zinc	4,950	µg/kg		VU	384	961	µg/kg	REG
DAABFILL08	4/22/2014	EPA7471B	Mercury	111	µg/kg		VU	3.86	11.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Aldrin	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Alpha-Chlordane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	DDD	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	DDE	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	DDT	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endosulfan I	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Gamma-Chlordane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Heptachlor	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Heptachlor Epoxide	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Lindane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Methoxychlor	7.08	µg/kg	U	VU	1.77	7.08	µg/kg	REG
DAABFILL08	4/22/2014	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.89	17.7	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1016	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1221	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1232	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1242	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1248	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1254	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8082A	Aroclor 1260	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1,1-Trchloroethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1,2-Trichloroethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1-Dichloroethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,1-Dichloroethylene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	0.971	µg/kg	U	VU	0.388	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.971	µg/kg	U	VU	0.486	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2-Dibromoethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2-Dichlorobenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,2-Dichloropropane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,3-Dichlorobenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,4-Dichlorobenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	1,4-Dioxane	48.6	µg/kg	U	VU	14.6	48.6	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	2-Hexanone	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Acetone	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Benzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Bromochloromethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Bromodichloromethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Carbon Disulfide	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Carbon Tetrachloride	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Chlorobenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL08	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Chloroform	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Cyclohexane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Dibromochloromethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Dichlorodifluoromethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.86	µg/kg	U	VU	1.94	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Ethylbenzene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	M,P-Xylene	1.94	µg/kg	U	VU	0.291	1.94	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Methyl Acetate	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Methyl Ethyl Ketone	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	4.86	µg/kg	U	VU	1.46	4.86	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Methylcyclohexane	0.971	µg/kg	U	VU	0.388	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	O-Xylene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Styrene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.418	µg/kg	J	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Toluene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Trichloroethylene (TCE)	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8260B	Trichlorofluoromethane	0.971	µg/kg	U	VU	0.291	0.971	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4-Dinitrophenol	711	µg/kg	U	VU	107	711	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Acetophenone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Caprolactam	355	µg/kg	U	VU	107	355	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL08	4/22/2014	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	125	µg/kg	J	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Isophorone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Phenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAABFILL08	4/22/2014	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAABFILL08	4/22/2014	EPA9012B	Cyanide	267	µg/kg	U	VU	89.2	267	µg/kg	REG
DAABFILL08	4/22/2014	RADA-001	Gross Alpha	14	pCi/g	J	VU	1.85	5.59	pCi/g	REG
DAABFILL08	4/22/2014	RADA-001	Nonvolatile Beta	12.6	pCi/g		VU	2.03	5.03	pCi/g	REG
DAABFILL09	4/22/2014	EPA6010C	Aluminum	5,430,000	µg/kg		VU	7,060	20,800	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Antimony	1,040	µg/kg	U	VU	343	1,040	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Arsenic	1,650	µg/kg	J	VU	519	3,120	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Barium	48,000	µg/kg		VU	104	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Beryllium	232	µg/kg	J	VU	104	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Cadmium	519	µg/kg	U	VU	104	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Calcium	175,000	µg/kg		VU	8,310	26,000	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Chromium	4,990	µg/kg		VU	156	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Cobalt	1,160	µg/kg		VU	156	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Copper	2,960	µg/kg		VU	312	1,040	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Iron	6,130,000	µg/kg		VU	8,310	26,000	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Lead	3,400	µg/kg		VU	343	1,040	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Magnesium	108,000	µg/kg		VU	8,830	31,200	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Manganese	59,300	µg/kg		VU	208	1,040	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Nickel	2,000	µg/kg		VU	156	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Potassium	107,000	µg/kg		VU	6,650	26,000	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Selenium	3,120	µg/kg	U	VU	519	3,120	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Silver	519	µg/kg	U	VU	104	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Sodium	12,000	µg/kg	J	VU	7,270	26,000	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Thallium	2,080	µg/kg	U	VU	519	2,080	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Vanadium	12,800	µg/kg		VU	104	519	µg/kg	REG
DAABFILL09	4/22/2014	EPA6010C	Zinc	4,210	µg/kg		VU	415	1,040	µg/kg	REG
DAABFILL09	4/22/2014	EPA7471B	Mercury	54.7	µg/kg		VU	4.12	12.3	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Aldrin	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Alpha-Chlordane	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	DDD	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	DDE	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	DDT	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL09	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endosulfan I	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Gamma-Chlordane	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Heptachlor	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Heptachlor Epoxide	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Lindane	0.727	µg/kg	U	VU	0.182	0.727	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Methoxychlor	7.27	µg/kg	U	VU	1.82	7.27	µg/kg	REG
DAABFILL09	4/22/2014	EPA8081B	Toxaphene	18.2	µg/kg	U	VU	6.05	18.2	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1016	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1221	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1232	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1242	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1248	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1254	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8082A	Aroclor 1260	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1,1-Trchloroethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1,2-Trichloroethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1-Dichloroethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,1-Dichloroethylene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	0.983	µg/kg	U	VU	0.393	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.983	µg/kg	U	VU	0.491	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2-Dibromoethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2-Dichlorobenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,2-Dichloropropane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,3-Dichlorobenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,4-Dichlorobenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	1,4-Dioxane	49.1	µg/kg	U	VU	14.7	49.1	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	2-Hexanone	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Acetone	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Benzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Bromochloromethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Bromodichloromethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Carbon Disulfide	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Carbon Tetrachloride	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Chlorobenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Chloroform	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Cyclohexane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Dibromochloromethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Dichlorodifluoromethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.91	µg/kg	U	VU	1.97	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Ethylbenzene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	M,P-Xylene	1.97	µg/kg	U	VU	0.295	1.97	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Methyl Acetate	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Methyl Ethyl Ketone	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	4.91	µg/kg	U	VU	1.47	4.91	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL09	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Methylcyclohexane	0.983	µg/kg	U	VU	0.393	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	O-Xylene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Styrene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.423	µg/kg	J	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Toluene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Trichloroethylene (TCE)	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8260B	Trichlorofluoromethane	0.983	µg/kg	U	VU	0.295	0.983	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	1,1'-Biphenyl	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4-Dichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4-Dimethylphenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4-Dinitrophenol	734	µg/kg	U	VU	110	734	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,4-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2,6-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2-Chloronaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2-Chlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2-Methylnaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2-Nitroaniline	367	µg/kg	U	VU	121	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	2-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	4-Chloroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	4-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Acenaphthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Acenaphthylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Acetophenone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Atrazine	367	µg/kg	U	VU	147	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzaldehyde	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzo[A]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzo[A]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Caprolactam	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Carbazole	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Chrysene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Dibenzofuran	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Diethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Dimethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Dinitro-O-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Fluorene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Hexachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Hexachlorobutadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Hexachloroethane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Isophorone	367	µg/kg	U	VU	110	367	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL09	4/22/2014	EPA8270D	M/P-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	M-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Naphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	N-Dioctyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Nitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	P-Chloro-M-Cresol	367	µg/kg	U	VU	147	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Pentachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Phenanthrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Phenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	P-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL09	4/22/2014	EPA8270D	Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL09	4/22/2014	EPA9012B	Cyanide	270	µg/kg	U	VU	90.1	270	µg/kg	REG
DAABFILL09	4/22/2014	RADA-001	Gross Alpha	136	pCi/g		VU	1.87	11.9	pCi/g	REG
DAABFILL09	4/22/2014	RADA-001	Nonvolatile Beta	14.6	pCi/g		VU	2.32	5.78	pCi/g	REG
DAABFILL09	4/22/2014	RADA-011	Uranium-233/234	0.685	pCi/g		VU	0.0945	0.559	pCi/g	REG
DAABFILL09	4/22/2014	RADA-011	Uranium-235	0.0127	pCi/g	U	VU	0.135	0.276	pCi/g	REG
DAABFILL09	4/22/2014	RADA-011	Uranium-238	0.606	pCi/g		VU	0.0945	0.533	pCi/g	REG
DAABFILL09	4/22/2014	RADA-013	Radium-226	0.71	pCi/g		VU	0.127	0.429	pCi/g	REG
DAABFILL09	4/22/2014	RADA-013	Radium-228	0.803	pCi/g	R	VU	0.463	0.863	pCi/g	REG
DAABFILL09	4/22/2014	RADA-038	Thorium-228	0.707	pCi/g	J	VU	0.321	0.973	pCi/g	REG
DAABFILL09	4/22/2014	RADA-038	Thorium-230	0.617	pCi/g	U	VU	0.236	0.806	pCi/g	REG
DAABFILL09	4/22/2014	RADA-038	Thorium-232	0.758	pCi/g		VU	0.146	0.748	pCi/g	REG
DAABFILL10	4/22/2014	EPA6010C	Aluminum	2,710,000	µg/kg		VU	6,990	20,600	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	339	1,030	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Arsenic	1,060	µg/kg	J	VU	514	3,080	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Barium	10,100	µg/kg		VU	103	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Beryllium	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Cadmium	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Calcium	138,000	µg/kg		VU	8,220	25,700	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Chromium	5,060	µg/kg		VU	154	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Cobalt	281	µg/kg	J	VU	154	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Copper	1,950	µg/kg		VU	308	1,030	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Iron	5,150,000	µg/kg		VU	8,220	25,700	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Lead	2,490	µg/kg		VU	339	1,030	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Magnesium	64,200	µg/kg		VU	8,740	30,800	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Manganese	32,200	µg/kg		VU	206	1,030	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Nickel	1,250	µg/kg		VU	154	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Potassium	49,400	µg/kg		VU	6,580	25,700	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Selenium	3,080	µg/kg	U	VU	514	3,080	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Silver	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Sodium	9,660	µg/kg	J	VU	7,190	25,700	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Thallium	2,060	µg/kg	U	VU	514	2,060	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Vanadium	10,300	µg/kg		VU	103	514	µg/kg	REG
DAABFILL10	4/22/2014	EPA6010C	Zinc	3,590	µg/kg	J	VU	411	1030	µg/kg	REG
DAABFILL10	4/22/2014	EPA7471B	Mercury	9.28	µg/kg	J	VU	3.84	11.5	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Aldrin	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Alpha-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	DDD	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	DDE	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	DDT	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endosulfan I	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL10	4/22/2014	EPA8081B	Gamma-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Heptachlor	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Heptachlor Epoxide	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Lindane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Methoxychlor	7.15	µg/kg	U	VU	1.79	7.15	µg/kg	REG
DAABFILL10	4/22/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.95	17.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1016	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1221	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1232	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1242	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1248	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1254	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8082A	Aroclor 1260	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1,1-Trchloroethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1,2-Trichloroethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1-Dichloroethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,1-Dichloroethylene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	1.08	µg/kg	U	VU	0.431	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.08	µg/kg	U	VU	0.539	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2-Dibromoethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2-Dichlorobenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,2-Dichloropropane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,3-Dichlorobenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,4-Dichlorobenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	1,4-Dioxane	53.9	µg/kg	U	VU	16.2	53.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	2-Hexanone	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Acetone	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Benzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Bromochloromethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Bromodichloromethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Carbon Disulfide	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Carbon Tetrachloride	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Chlorobenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Chloroform	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Cyclohexane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Dibromochloromethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Dichlorodifluoromethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.39	µg/kg	U	VU	2.15	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Ethylbenzene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	M,P-Xylene	2.15	µg/kg	U	VU	0.323	2.15	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Methyl Acetate	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Methyl Ethyl Ketone	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	5.39	µg/kg	U	VU	1.62	5.39	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Methylcyclohexane	1.08	µg/kg	U	VU	0.431	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	O-Xylene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Styrene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.549	µg/kg	J	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Toluene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL10	4/22/2014	EPA8260B	Trichloroethylene (TCE)	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8260B	Trichlorofluoromethane	1.08	µg/kg	U	VU	0.323	1.08	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	1,1'-Biphenyl	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4-Dichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4-Dimethylphenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4-Dinitrophenol	718	µg/kg	U	VU	108	718	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,4-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2,6-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2-Chloronaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2-Chlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2-Methylnaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2-Nitroaniline	359	µg/kg	U	VU	118	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	2-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	4-Chloroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	4-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Acenaphthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Acenaphthylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Acetophenone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Atrazine	359	µg/kg	U	VU	144	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzaldehyde	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzo[A]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzo[A]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Caprolactam	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Carbazole	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Chrysene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Dibenzofuran	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Diethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Dimethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Dinitro-O-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Fluorene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Hexachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Hexachlorobutadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Hexachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Isophorone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	M/P-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	M-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Naphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	N-Dioctyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Nitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL10	4/22/2014	EPA8270D	P-Chloro-M-Cresol	359	µg/kg	U	VU	144	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Pentachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Phenanthrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Phenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	P-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL10	4/22/2014	EPA8270D	Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL10	4/22/2014	EPA9012B	Cyanide	269	µg/kg	U	VU	89.9	269	µg/kg	REG
DAABFILL10	4/22/2014	RADA-001	Gross Alpha	14.4	pCi/g	J	VU	1.95	5.69	pCi/g	REG
DAABFILL10	4/22/2014	RADA-001	Nonvolatile Beta	11.6	pCi/g	J	VU	2.07	5.11	pCi/g	REG
DAABFILL11	4/22/2014	EPA6010C	Aluminum	3,110,000	µg/kg		VU	7,020	20,700	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	341	1,030	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Arsenic	1,210	µg/kg	J	VU	516	3,100	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Barium	11,500	µg/kg		VU	103	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Beryllium	117	µg/kg	J	VU	103	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Cadmium	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Calcium	119,000	µg/kg		VU	8,260	25,800	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Chromium	4,000	µg/kg		VU	155	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Cobalt	629	µg/kg		VU	155	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Copper	1,820	µg/kg		VU	310	1,030	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Iron	5,100,000	µg/kg		VU	8,260	25,800	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Lead	2,180	µg/kg		VU	341	1,030	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Magnesium	63,500	µg/kg		VU	8,780	31,000	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Manganese	121,000	µg/kg		VU	207	1,030	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Nickel	1,240	µg/kg		VU	155	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Potassium	63,300	µg/kg		VU	6,610	25,800	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Selenium	3,100	µg/kg	U	VU	516	3,100	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Silver	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Sodium	10,300	µg/kg	J	VU	7,230	25,800	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Thallium	2,070	µg/kg	U	VU	516	2,070	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Vanadium	12,100	µg/kg		VU	103	516	µg/kg	REG
DAABFILL11	4/22/2014	EPA6010C	Zinc	3,470	µg/kg	J	VU	413	1,030	µg/kg	REG
DAABFILL11	4/22/2014	EPA7471B	Mercury	14.8	µg/kg		VU	3.89	11.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Aldrin	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Alpha-Chlordane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	DDD	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	DDE	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	DDT	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endosulfan I	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Gamma-Chlordane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Heptachlor	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Heptachlor Epoxide	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Lindane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Methoxychlor	7.18	µg/kg	U	VU	1.79	7.18	µg/kg	REG
DAABFILL11	4/22/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.97	17.9	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1016	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1221	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1232	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1242	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1248	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1254	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8082A	Aroclor 1260	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,1,1-Trchloroethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL11	4/22/2014	EPA8260B	1,1,2-Trichloroethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,1-Dichloroethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,1-Dichloroethylene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	1	µg/kg	U	VU	0.402	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1	µg/kg	U	VU	0.502	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2-Dibromoethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2-Dichlorobenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,2-Dichloropropane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,3-Dichlorobenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,4-Dichlorobenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	1,4-Dioxane	50.2	µg/kg	U	VU	15.1	50.2	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	2-Hexanone	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Acetone	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Benzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Bromochloromethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Bromodichloromethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Carbon Disulfide	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Carbon Tetrachloride	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Chlorobenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Chloroform	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Cyclohexane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Dibromochloromethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Dichlorodifluoromethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.02	µg/kg	U	VU	2.01	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Ethylbenzene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	M,P-Xylene	2.01	µg/kg	U	VU	0.301	2.01	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Methyl Acetate	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Methyl Ethyl Ketone	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	5.02	µg/kg	U	VU	1.51	5.02	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Methylcyclohexane	1	µg/kg	U	VU	0.402	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	O-Xylene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Styrene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.482	µg/kg	J	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Toluene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Trichloroethylene (TCE)	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8260B	Trichlorofluoromethane	1	µg/kg	U	VU	0.301	1	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	1,1'-Biphenyl	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4-Dichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4-Dimethylphenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4-Dinitrophenol	721	µg/kg	U	VU	108	721	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,4-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2,6-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2-Chloronaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2-Chlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2-Methylnaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	2-Nitroaniline	360	µg/kg	U	VU	119	360	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL11	4/22/2014	EPA8270D	2-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	4-Chloroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	4-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Acenaphthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Acenaphthylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Acetophenone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Atrazine	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzaldehyde	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzo[A]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzo[A]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Caprolactam	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Carbazole	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Chrysene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Dibenzofuran	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Diethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Dimethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Dinitro-O-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Fluorene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Hexachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Hexachlorobutadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Hexachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Isophorone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	M/P-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	M-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Naphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	N-Dioctyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Nitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	P-Chloro-M-Cresol	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Pentachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Phenanthrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Phenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	P-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL11	4/22/2014	EPA8270D	Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL11	4/22/2014	EPA9012B	Cyanide	261	µg/kg	U	VU	87	261	µg/kg	REG
DAABFILL11	4/22/2014	RADA-001	Gross Alpha	9.04	pCi/g	J	VU	1.63	4.65	pCi/g	REG
DAABFILL11	4/22/2014	RADA-001	Nonvolatile Beta	11.6	pCi/g	J	VU	1.95	4.83	pCi/g	REG
DAABFILL12	4/22/2014	EPA6010C	Aluminum	4,230,000	µg/kg		VU	7,330	21,600	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Antimony	1,080	µg/kg	U	VU	356	1,080	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Arsenic	1,630	µg/kg	J	VU	539	3,240	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Barium	19,500	µg/kg		VU	108	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Beryllium	124	µg/kg	J	VU	108	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Cadmium	539	µg/kg	U	VU	108	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Calcium	148,000	µg/kg		VU	8,630	27,000	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL12	4/22/2014	EPA6010C	Chromium	7,630	µg/kg		VU	162	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Cobalt	516	µg/kg	J	VU	162	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Copper	2,540	µg/kg		VU	324	1,080	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Iron	6,750,000	µg/kg		VU	8,630	27,000	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Lead	4,160	µg/kg		VU	356	1,080	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Magnesium	80,500	µg/kg		VU	9,170	32,400	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Manganese	82,100	µg/kg		VU	216	1,080	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Nickel	1,900	µg/kg		VU	162	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Potassium	83,700	µg/kg		VU	6,900	27,000	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Selenium	3,240	µg/kg	U	VU	539	3,240	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Silver	539	µg/kg	U	VU	108	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Sodium	10,300	µg/kg	J	VU	7,550	27,000	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Thallium	2,160	µg/kg	U	VU	539	2,160	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Vanadium	16,700	µg/kg		VU	108	539	µg/kg	REG
DAABFILL12	4/22/2014	EPA6010C	Zinc	5,060	µg/kg		VU	431	1,080	µg/kg	REG
DAABFILL12	4/22/2014	EPA7471B	Mercury	23.2	µg/kg		VU	4.42	13.2	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Aldrin	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Alpha-Benzene Hexachloride	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Alpha-Chlordane	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Beta-Benzene Hexachloride	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	DDD	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	DDE	0.6	µg/kg	J	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	DDT	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Delta-Benzene Hexachloride	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Dieldrin	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endosulfan I	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endosulfan II	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endosulfan Sulfate	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endrin	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endrin Aldehyde	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Endrin Ketone	1.47	µg/kg	U	VU	0.368	1.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Gamma-Chlordane	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Heptachlor	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Heptachlor Epoxide	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Lindane	0.736	µg/kg	U	VU	0.184	0.736	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Methoxychlor	7.36	µg/kg	U	VU	1.84	7.36	µg/kg	REG
DAABFILL12	4/22/2014	EPA8081B	Toxaphene	18.4	µg/kg	U	VU	6.13	18.4	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1016	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1221	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1232	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1242	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1248	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1254	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8082A	Aroclor 1260	3.68	µg/kg	U	VU	1.23	3.68	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.437	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.547	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	1,4-Dioxane	54.7	µg/kg	U	VU	16.4	54.7	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	2-Hexanone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Acetone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL12	4/22/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Carbon Disulfide	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.47	µg/kg	U	VU	2.19	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	M,P-Xylene	2.19	µg/kg	U	VU	0.328	2.19	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Methyl Acetate	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Methyl Ethyl Ketone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Methyl Isobutyl Ketone	5.47	µg/kg	U	VU	1.64	5.47	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.437	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Tetrachloroethylene(PCE)	0.47	µg/kg	J	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.328	1.09	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	1,1'-Biphenyl	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4,5-Trichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4,6-Trichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4-Dichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4-Dimethylphenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4-Dinitrophenol	742	µg/kg	U	VU	111	742	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,4-Dinitrotoluene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2,6-Dinitrotoluene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2-Chloronaphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2-Chlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2-Methylnaphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2-Nitroaniline	371	µg/kg	U	VU	122	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	2-Nitrophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	3,3-Dichlorobenzidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	4-Bromophenyl Phenyl Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	4-Chloroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	4-Nitrophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Acenaphthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Acenaphthylene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Acetophenone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Atrazine	371	µg/kg	U	VU	148	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Benzaldehyde	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Benzo(G,H,I)Perylene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Benzo[A]Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Benzo[A]Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Benzo[B]Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL12	4/22/2014	EPA8270D	Benzo[K]Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Bis(2-Chloroethyl)Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Butyl Benzyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Caprolactam	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Carbazole	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Chrysene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Dibenz[A,H]Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Dibenzofuran	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Diethyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Dimethyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Di-N-Butyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Dinitro-O-Cresol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Fluorene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Hexachlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Hexachlorobutadiene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Hexachlorocyclopentadiene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Hexachloroethane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Isophorone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	M/P-Cresol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	M-Nitroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Naphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	N-Dioctyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Nitrobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	N-Nitrosodiphenylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	O-Cresol (2-Methylphenol)	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	P-Chloro-M-Cresol	371	µg/kg	U	VU	148	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Pentachlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Phenanthrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Phenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	P-Nitroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL12	4/22/2014	EPA8270D	Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL12	4/22/2014	EPA9012B	Cyanide	253	µg/kg	U	VU	84.7	253	µg/kg	REG
DAABFILL12	4/22/2014	RADA-001	Gross Alpha	11.7	pCi/g	J	VU	1.52	4.76	pCi/g	REG
DAABFILL12	4/22/2014	RADA-001	Nonvolatile Beta	4.67	pCi/g	J	VU	1.33	3.28	pCi/g	REG
DAABFILL13	4/23/2014	EPA6010C	Aluminum	4,340,000	µg/kg		VU	6,490	19,100	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Antimony	954	µg/kg	U	VU	315	954	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Arsenic	2,170	µg/kg	J	VU	477	2,860	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Barium	30,200	µg/kg		VU	95.4	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Beryllium	609	µg/kg		VU	95.4	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Cadmium	99	µg/kg	J	VU	95.4	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Calcium	203,000	µg/kg		VU	7,640	23,900	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Chromium	11,800	µg/kg		VU	143	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Cobalt	602	µg/kg		VU	143	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Copper	1,960	µg/kg		VU	286	954	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Iron	9,100,000	µg/kg		VU	7,640	23,900	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Lead	3,840	µg/kg		VU	315	954	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Magnesium	115,000	µg/kg		VU	8,110	28,600	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Manganese	39,400	µg/kg		VU	191	954	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Nickel	1,940	µg/kg		VU	143	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Potassium	119,000	µg/kg		VU	6,110	23,900	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Selenium	2,860	µg/kg	U	VU	477	2,860	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Silver	477	µg/kg	U	VU	95.4	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Sodium	23,900	µg/kg	U	VU	6,680	23,900	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Thallium	1,910	µg/kg	U	VU	477	1,910	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Vanadium	19,400	µg/kg		VU	95.4	477	µg/kg	REG
DAABFILL13	4/23/2014	EPA6010C	Zinc	6,100	µg/kg		VU	382	954	µg/kg	REG
DAABFILL13	4/23/2014	EPA7471B	Mercury	23.7	µg/kg		VU	4.41	13.2	µg/kg	LD

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL13	4/23/2014	EPA7471B	Mercury	22.1	µg/kg		VU	4.36	13	µg/kg	REG
DAABFILL13	4/23/2014	EPA7471B	Mercury	65.1	µg/kg	U	VU	21.8	65.1	µg/kg	SD
DAABFILL13	4/23/2014	EPA8081B	Aldrin	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Alpha-Benzene Hexachloride	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Alpha-Chlordane	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Beta-Benzene Hexachloride	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	DDD	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	DDE	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	DDT	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Delta-Benzene Hexachloride	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Dieldrin	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endosulfan I	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endosulfan II	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endosulfan Sulfate	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endrin	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endrin Aldehyde	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Endrin Ketone	1.48	µg/kg	U	VU	0.371	1.48	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Gamma-Chlordane	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Heptachlor	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Heptachlor Epoxide	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Lindane	0.741	µg/kg	U	VU	0.185	0.741	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Methoxychlor	7.41	µg/kg	U	VU	1.85	7.41	µg/kg	REG
DAABFILL13	4/23/2014	EPA8081B	Toxaphene	18.5	µg/kg	U	VU	6.17	18.5	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1016	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1221	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1232	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1242	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1248	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1254	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8082A	Aroclor 1260	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1,1-Trchloroethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1,2-Trichloroethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1-Dichloroethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,1-Dichloroethylene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2,3-Trchlorobenzene	1.2	µg/kg	U	VU	0.479	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2,4-Trchlorobenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.2	µg/kg	U	VU	0.599	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2-Dibromoethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2-Dichlorobenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,2-Dichloropropane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,3-Dichlorobenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,4-Dichlorobenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	1,4-Dioxane	59.9	µg/kg	U	VU	18	59.9	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	2-Hexanone	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Acetone	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Benzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Bromochloromethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Bromodichloromethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Bromoform (Tribromomethane)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Carbon Disulfide	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Carbon Tetrachloride	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Chlorobenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Chloroform	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Cis-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL13	4/23/2014	EPA8260B	Cyclohexane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Dibromochloromethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Dichlorodifluoromethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.99	µg/kg	U	VU	2.4	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Ethylbenzene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	M,P-Xylene	2.4	µg/kg	U	VU	0.359	2.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Methyl Acetate	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Methyl Ethyl Ketone	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Methyl Isobutyl Ketone	5.99	µg/kg	U	VU	1.8	5.99	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Methylcyclohexane	1.2	µg/kg	U	VU	0.479	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	O-Xylene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Styrene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Tetrachloroethylene(PCE)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Toluene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Trans-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Trichloroethylene (TCE)	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8260B	Trichlorofluoromethane	1.2	µg/kg	U	VU	0.359	1.2	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	1,1'-Biphenyl	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4,5-Trichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4,6-Trichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4-Dichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4-Dimethylphenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4-Dinitrophenol	748	µg/kg	U	VU	112	748	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,4-Dinitrotoluene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2,6-Dinitrotoluene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2-Chloronaphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2-Chlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2-Methylnaphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2-Nitroaniline	374	µg/kg	U	VU	123	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	2-Nitrophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	3,3-Dichlorobenzidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	4-Bromophenyl Phenyl Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	4-Chloroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	4-Nitrophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Acenaphthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Acenaphthylene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Acetophenone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Atrazine	374	µg/kg	U	VU	150	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzaldehyde	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzo(G,H,I)Perylene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzo[A]Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzo[A]Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzo[B]Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Benzo[K]Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Bis(2-Chloroethyl)Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Butyl Benzyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Caprolactam	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Carbazole	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Chrysene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Dibenz[A,H]Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Dibenzofuran	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Diethyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Dimethyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Di-N-Butyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL13	4/23/2014	EPA8270D	Dinitro-O-Cresol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Fluorene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Hexachlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Hexachlorobutadiene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Hexachlorocyclopentadiene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Hexachloroethane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Isophorone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	M/P-Cresol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	M-Nitroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Naphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	N-Dioctyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Nitrobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	N-Nitrosodiphenylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	O-Cresol (2-Methylphenol)	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	P-Chloro-M-Cresol	374	µg/kg	U	VU	150	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Pentachlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Phenanthrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Phenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	P-Nitroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL13	4/23/2014	EPA8270D	Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL13	4/23/2014	EPA9012B	Cyanide	282	µg/kg	U	VU	94	282	µg/kg	REG
DAABFILL13	4/23/2014	RADA-001	Gross Alpha	17.5	pCi/g		VU	2.7	13.1	pCi/g	LD
DAABFILL13	4/23/2014	RADA-001	Nonvolatile Beta	21.1	pCi/g		VU	2.88	8.32	pCi/g	LD
DAABFILL13	4/23/2014	RADA-001	Gross Alpha	14.3	pCi/g		VU	2.75	11.5	pCi/g	REG
DAABFILL13	4/23/2014	RADA-001	Nonvolatile Beta	32.2	pCi/g		VU	3.85	12.1	pCi/g	REG
DAABFILL14	4/23/2014	EPA6010C	Aluminum	3,150,000	µg/kg		VU	6680	19700	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Antimony	983	µg/kg	U	VU	324	983	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Arsenic	1,450	µg/kg	J	VU	491	2950	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Barium	16,500	µg/kg		VU	98.3	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Beryllium	427	µg/kg	J	VU	98.3	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Cadmium	491	µg/kg	U	VU	98.3	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Calcium	150,000	µg/kg		VU	7,860	24,600	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Chromium	11,800	µg/kg		VU	147	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Cobalt	455	µg/kg	J	VU	147	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Copper	1,360	µg/kg		VU	295	983	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Iron	7,440,000	µg/kg		VU	7,860	24,600	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Lead	2,440	µg/kg		VU	324	983	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Magnesium	87,900	µg/kg		VU	8,360	29,500	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Manganese	43,200	µg/kg		VU	197	983	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Nickel	1,320	µg/kg		VU	147	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Potassium	91,600	µg/kg		VU	6,290	24,600	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Selenium	2,950	µg/kg	U	VU	491	2,950	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Silver	491	µg/kg	U	VU	98	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Sodium	52,000	µg/kg		VU	6,880	24,600	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Thallium	1,970	µg/kg	U	VU	491	1,970	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Vanadium	16,100	µg/kg		VU	98	491	µg/kg	REG
DAABFILL14	4/23/2014	EPA6010C	Zinc	4,790	µg/kg		VU	393	983	µg/kg	REG
DAABFILL14	4/23/2014	EPA7471B	Mercury	8.25	µg/kg	J	VU	4.57	13.6	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Aldrin	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Alpha-Benzene Hexachloride	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Alpha-Chlordane	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Beta-Benzene Hexachloride	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	DDD	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	DDE	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	DDT	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Delta-Benzene Hexachloride	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Dieldrin	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Endosulfan I	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Endosulfan II	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Endosulfan Sulfate	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL14	4/23/2014	EPA8081B	Endrin	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Endrin Aldehyde	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Endrin Ketone	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Gamma-Chlordane	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Heptachlor	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Heptachlor Epoxide	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Lindane	0.756	µg/kg	U	VU	0.189	0.756	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Methoxychlor	7.56	µg/kg	U	VU	1.89	7.56	µg/kg	REG
DAABFILL14	4/23/2014	EPA8081B	Toxaphene	18.9	µg/kg	U	VU	6.29	18.9	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1016	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1221	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1232	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1242	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1248	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1254	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8082A	Aroclor 1260	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1,1-Trchloroethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1,2-Trichloroethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1-Dichloroethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,1-Dichloroethylene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2,3-Trchlorobenzene	1.11	µg/kg	U	VU	0.446	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2,4-Trchlorobenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.11	µg/kg	U	VU	0.557	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2-Dibromoethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2-Dichlorobenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,2-Dichloropropane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,3-Dichlorobenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,4-Dichlorobenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	1,4-Dioxane	55.7	µg/kg	U	VU	16.7	55.7	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	2-Hexanone	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Acetone	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Benzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Bromochloromethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Bromodichloromethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Bromoform (Tribromomethane)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Carbon Disulfide	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Carbon Tetrachloride	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Chlorobenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Chloroform	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Cis-1,3-Dichloropropene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Cyclohexane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Dibromochloromethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Dichlorodifluoromethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.57	µg/kg	U	VU	2.23	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Ethylbenzene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	M,P-Xylene	2.23	µg/kg	U	VU	0.334	2.23	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Methyl Acetate	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Methyl Ethyl Ketone	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Methyl Isobutyl Ketone	5.57	µg/kg	U	VU	1.67	5.57	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Methylcyclohexane	1.11	µg/kg	U	VU	0.446	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	O-Xylene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Styrene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Tetrachloroethylene(PCE)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL14	4/23/2014	EPA8260B	Toluene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Trans-1,3-Dichloropropene	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Trichloroethylene (TCE)	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8260B	Trichlorofluoromethane	1.11	µg/kg	U	VU	0.334	1.11	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	1,1'-Biphenyl	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4,5-Trichlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4,6-Trichlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4-Dichlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4-Dimethylphenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4-Dinitrophenol	755	µg/kg	U	VU	113	755	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,4-Dinitrotoluene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2,6-Dinitrotoluene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2-Chloronaphthalene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2-Chlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2-Methylnaphthalene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2-Nitroaniline	378	µg/kg	U	VU	125	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	2-Nitrophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	3,3-Dichlorobenzidine	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	4-Bromophenyl Phenyl Ether	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	4-Chloroaniline	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	4-Nitrophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Acenaphthene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Acenaphthylene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Acetophenone	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Anthracene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Atrazine	378	µg/kg	U	VU	151	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzaldehyde	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzo(G,H,I)Perylene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzo[A]Anthracene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzo[A]Pyrene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzo[B]Fluoranthene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Benzo[K]Fluoranthene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Bis(2-Chloroethyl)Ether	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Butyl Benzyl Phthalate	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Caprolactam	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Carbazole	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Chrysene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Dibenz[A,H]Anthracene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Dibenzofuran	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Diethyl Phthalate	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Dimethyl Phthalate	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Di-N-Butyl Phthalate	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Dinitro-O-Cresol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Fluoranthene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Fluorene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Hexachlorobenzene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Hexachlorobutadiene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Hexachlorocyclopentadiene	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Hexachloroethane	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Isophorone	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	M/P-Cresol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	M-Nitroaniline	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Naphthalene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	N-Dioctyl Phthalate	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Nitrobenzene	378	µg/kg	U	VU	113	378	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL14	4/23/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	N-Nitrosodiphenylamine	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	O-Cresol (2-Methylphenol)	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	P-Chloro-M-Cresol	378	µg/kg	U	VU	151	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Pentachlorophenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Phenanthrene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Phenol	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	P-Nitroaniline	378	µg/kg	U	VU	113	378	µg/kg	REG
DAABFILL14	4/23/2014	EPA8270D	Pyrene	37.8	µg/kg	U	VU	11.3	37.8	µg/kg	REG
DAABFILL14	4/23/2014	EPA9012B	Cyanide	254	µg/kg	U	VU	84.7	254	µg/kg	REG
DAABFILL14	4/23/2014	RADA-001	Gross Alpha	25.6	pCi/g		VU	2.92	13.8	pCi/g	REG
DAABFILL14	4/23/2014	RADA-001	Nonvolatile Beta	21.7	pCi/g		VU	2.53	7.13	pCi/g	REG
DAABFILL14	4/23/2014	RADA-011	Uranium-233/234	0.966	pCi/g		VU	0.0964	0.57	pCi/g	LD
DAABFILL14	4/23/2014	RADA-011	Uranium-235	0.000723	pCi/g	U	VU	0.119	0.226	pCi/g	LD
DAABFILL14	4/23/2014	RADA-011	Uranium-238	1.12	pCi/g		VU	0.113	0.625	pCi/g	LD
DAABFILL14	4/23/2014	RADA-011	Uranium-233/234	0.869	pCi/g		VU	0.138	0.622	pCi/g	REG
DAABFILL14	4/23/2014	RADA-011	Uranium-235	0.087	pCi/g	U	VU	0.124	0.323	pCi/g	REG
DAABFILL14	4/23/2014	RADA-011	Uranium-238	0.686	pCi/g		VU	0.0788	0.503	pCi/g	REG
DAABFILL14	4/23/2014	RADA-013	Radium-226	1.08	pCi/g		VU	0.22	0.688	pCi/g	LD
DAABFILL14	4/23/2014	RADA-013	Radium-228	2.02	pCi/g		VU	0.417	1.47	pCi/g	LD
DAABFILL14	4/23/2014	RADA-013	Radium-226	0.802	pCi/g		VU	0.127	0.505	pCi/g	REG
DAABFILL14	4/23/2014	RADA-013	Radium-228	1.79	pCi/g		VU	0.296	1.05	pCi/g	REG
DAABFILL14	4/23/2014	RADA-038	Thorium-228	1.55	pCi/g		VU	0.325	1.29	pCi/g	LD
DAABFILL14	4/23/2014	RADA-038	Thorium-230	1.1	pCi/g		VU	0.237	1.02	pCi/g	LD
DAABFILL14	4/23/2014	RADA-038	Thorium-232	1.24	pCi/g		VU	0.166	0.98	pCi/g	LD
DAABFILL14	4/23/2014	RADA-038	Thorium-228	1.91	pCi/g		VU	0.27	1.33	pCi/g	REG
DAABFILL14	4/23/2014	RADA-038	Thorium-230	0.588	pCi/g	U	VU	0.282	0.898	pCi/g	REG
DAABFILL14	4/23/2014	RADA-038	Thorium-232	1.88	pCi/g		VU	0.129	1.14	pCi/g	REG
DAABFILL15	4/23/2014	EPA6010C	Aluminum	1,440,000	µg/kg		VU	6,500	19,100	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Antimony	956	µg/kg	U	VU	315	956	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Arsenic	2,870	µg/kg	U	VU	478	2,870	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Barium	4,420	µg/kg		VU	95.6	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Beryllium	478	µg/kg	U	VU	95.6	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Cadmium	478	µg/kg	U	VU	95.6	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Calcium	15,700	µg/kg	J	VU	7,650	23,900	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Chromium	4,920	µg/kg		VU	143	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Cobalt	478	µg/kg	U	VU	143	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Copper	438	µg/kg	J	VU	287	956	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Iron	1,890,000	µg/kg		VU	7,650	23,900	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Lead	1,180	µg/kg		VU	315	956	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Magnesium	25,300	µg/kg	J	VU	8,130	28,700	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Manganese	1,920	µg/kg		VU	191	956	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Nickel	487	µg/kg		VU	143	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Potassium	11,400	µg/kg	J	VU	6,120	23,900	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Selenium	2,870	µg/kg	U	VU	478	2,870	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Silver	478	µg/kg	U	VU	95.6	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Sodium	23,900	µg/kg	U	VU	6,690	23,900	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Thallium	1,910	µg/kg	U	VU	478	1,910	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Vanadium	8,850	µg/kg		VU	95.6	478	µg/kg	REG
DAABFILL15	4/23/2014	EPA6010C	Zinc	1,160	µg/kg		VU	382	956	µg/kg	REG
DAABFILL15	4/23/2014	EPA7471B	Mercury	13.5	µg/kg	U	VU	4.51	13.5	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Aldrin	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Alpha-Benzene Hexachloride	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Alpha-Chlordane	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Beta-Benzene Hexachloride	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	DDD	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	DDE	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	DDT	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Delta-Benzene Hexachloride	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Dieldrin	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Endosulfan I	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Endosulfan II	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Endosulfan Sulfate	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL15	4/23/2014	EPA8081B	Endrin	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Endrin Aldehyde	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Endrin Ketone	1.51	µg/kg	U	VU	0.378	1.51	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Gamma-Chlordane	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Heptachlor	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Heptachlor Epoxide	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Lindane	0.755	µg/kg	U	VU	0.189	0.755	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Methoxychlor	7.55	µg/kg	U	VU	1.89	7.55	µg/kg	REG
DAABFILL15	4/23/2014	EPA8081B	Toxaphene	18.9	µg/kg	U	VU	6.29	18.9	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1016	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1221	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1232	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1242	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1248	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1254	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8082A	Aroclor 1260	3.76	µg/kg	U	VU	1.25	3.76	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1,1-Trchloroethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1,2-Trichloroethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1-Dichloroethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,1-Dichloroethylene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2,3-Trchlorobenzene	1.13	µg/kg	U	VU	0.454	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2,4-Trchlorobenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.13	µg/kg	U	VU	0.567	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2-Dibromoethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2-Dichlorobenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,2-Dichloropropane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,3-Dichlorobenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,4-Dichlorobenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	1,4-Dioxane	56.7	µg/kg	U	VU	17	56.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	2-Hexanone	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Acetone	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Benzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Bromochloromethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Bromodichloromethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Bromoform (Tribromomethane)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Carbon Disulfide	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Carbon Tetrachloride	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Chlorobenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Chloroform	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Cis-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Cyclohexane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Dibromochloromethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Dichlorodifluoromethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.67	µg/kg	U	VU	2.27	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Ethylbenzene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	M,P-Xylene	2.27	µg/kg	U	VU	0.34	2.27	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Methyl Acetate	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Methyl Ethyl Ketone	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Methyl Isobutyl Ketone	5.67	µg/kg	U	VU	1.7	5.67	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Methylcyclohexane	1.13	µg/kg	U	VU	0.454	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	O-Xylene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Styrene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Tetrachloroethylene(PCE)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL15	4/23/2014	EPA8260B	Toluene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Trans-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Trichloroethylene (TCE)	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8260B	Trichlorofluoromethane	1.13	µg/kg	U	VU	0.34	1.13	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	1,1'-Biphenyl	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4,5-Trichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4,6-Trichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4-Dichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4-Dimethylphenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4-Dinitrophenol	753	µg/kg	U	VU	113	753	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,4-Dinitrotoluene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2,6-Dinitrotoluene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2-Chloronaphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2-Chlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2-Methylnaphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2-Nitroaniline	377	µg/kg	U	VU	124	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	2-Nitrophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	3,3-Dichlorobenzidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	4-Bromophenyl Phenyl Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	4-Chloroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	4-Nitrophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Acenaphthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Acenaphthylene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Acetophenone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Atrazine	377	µg/kg	U	VU	151	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzaldehyde	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzo(G,H,I)Perylene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzo[A]Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzo[A]Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzo[B]Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Benzo[K]Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Bis(2-Chloroethyl)Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Butyl Benzyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Caprolactam	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Carbazole	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Chrysene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Dibenz[A,H]Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Dibenzofuran	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Diethyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Dimethyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Di-N-Butyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Dinitro-O-Cresol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Fluorene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Hexachlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Hexachlorobutadiene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Hexachlorocyclopentadiene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Hexachloroethane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Isophorone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	M/P-Cresol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	M-Nitroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Naphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	N-Dioctyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Nitrobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL15	4/23/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	N-Nitrosodiphenylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	O-Cresol (2-Methylphenol)	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	P-Chloro-M-Cresol	377	µg/kg	U	VU	151	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Pentachlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Phenanthrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Phenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	P-Nitroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL15	4/23/2014	EPA8270D	Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL15	4/23/2014	EPA9012B	Cyanide	278	µg/kg	U	VU	92.8	278	µg/kg	REG
DAABFILL15	4/23/2014	RADA-001	Gross Alpha	11.4	pCi/g		VU	2.9	9.96	pCi/g	REG
DAABFILL15	4/23/2014	RADA-001	Nonvolatile Beta	47.4	pCi/g		VU	2.28	8.4	pCi/g	REG
DAABFILL16	4/23/2014	EPA6010C	Aluminum	6,920,000	µg/kg		VU	7,110	20,900	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Antimony	1,050	µg/kg	U	VU	345	1,050	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Arsenic	3,550	µg/kg		VU	523	3,140	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Barium	27,600	µg/kg		VU	105	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Beryllium	7,610	µg/kg		VU	105	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Cadmium	288	µg/kg	J	VU	105	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Calcium	345,000	µg/kg		VU	8,360	26,100	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Chromium	17,800	µg/kg		VU	157	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Cobalt	1,370	µg/kg		VU	157	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Copper	3,300	µg/kg		VU	314	1,050	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Iron	30,900,000	µg/kg		VU	8,360	26,100	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Lead	5,270	µg/kg		VU	345	1,050	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Magnesium	378,000	µg/kg		VU	8,890	31,400	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Manganese	95,000	µg/kg		VU	209	1,050	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Nickel	8,420	µg/kg		VU	157	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Potassium	414,000	µg/kg		VU	6,690	26,100	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Selenium	3,140	µg/kg	U	VU	523	3,140	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Silver	191	µg/kg	J	VU	105	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Sodium	26,100	µg/kg	U	VU	7,320	26,100	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Thallium	2,090	µg/kg	U	VU	523	2,090	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Vanadium	24,200	µg/kg		VU	105	523	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Zinc	27,500	µg/kg		VU	418	1,050	µg/kg	REG
DAABFILL16	4/23/2014	EPA6010C	Aluminum	7,230,000	µg/kg		VU	35,500	105,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Antimony	5,230	µg/kg	U	VU	1,720	5,230	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Arsenic	3,470	µg/kg	J	VU	2,610	15,700	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Barium	28,700	µg/kg		VU	523	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Beryllium	7,810	µg/kg		VU	523	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Cadmium	2,610	µg/kg	U	VU	523	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Calcium	360,000	µg/kg		VU	41,800	131,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Chromium	18,400	µg/kg		VU	784	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Cobalt	1,520	µg/kg	J	VU	784	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Copper	3,370	µg/kg	J	VU	1,570	5,230	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Iron	32,800,000	µg/kg		VU	41,800	131,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Lead	5,260	µg/kg		VU	1,720	5,230	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Magnesium	394,000	µg/kg		VU	44,400	157,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Manganese	100,000	µg/kg		VU	1,050	5,230	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Nickel	8,940	µg/kg		VU	784	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Potassium	425,000	µg/kg		VU	33,500	131,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Selenium	15,700	µg/kg	U	VU	2,610	15,700	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Silver	2,610	µg/kg	U	VU	523	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Sodium	131,000	µg/kg	U	VU	36,600	131,000	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Thallium	10,500	µg/kg	U	VU	2,610	10,500	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Vanadium	25,200	µg/kg		VU	523	2,610	µg/kg	SD
DAABFILL16	4/23/2014	EPA6010C	Zinc	28,800	µg/kg		VU	2,090	5,230	µg/kg	SD
DAABFILL16	4/23/2014	EPA7471B	Mercury	28.7	µg/kg		VU	3.9	11.7	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Aldrin	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Alpha-Benzene Hexachloride	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Alpha-Chlordane	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Beta-Benzene Hexachloride	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	DDD	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	DDE	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL16	4/23/2014	EPA8081B	DDT	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Delta-Benzene Hexachloride	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Dieldrin	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endosulfan I	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endosulfan II	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endosulfan Sulfate	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endrin	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endrin Aldehyde	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Endrin Ketone	1.51	µg/kg	U	VU	0.377	1.51	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Gamma-Chlordane	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Heptachlor	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Heptachlor Epoxide	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Lindane	0.754	µg/kg	U	VU	0.189	0.754	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Methoxychlor	7.54	µg/kg	U	VU	1.89	7.54	µg/kg	REG
DAABFILL16	4/23/2014	EPA8081B	Toxaphene	18.9	µg/kg	U	VU	6.28	18.9	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1016	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1221	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1232	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1242	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1248	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1254	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8082A	Aroclor 1260	3.77	µg/kg	U	VU	1.26	3.77	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1,1-Trchloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1,2-Trichloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1-Dichloroethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,1-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2,3-Trchlorobenzene	1.17	µg/kg	U	VU	0.467	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2,4-Trchlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.17	µg/kg	U	VU	0.584	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2-Dibromoethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,2-Dichloropropane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,3-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,4-Dichlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	1,4-Dioxane	58.4	µg/kg	U	VU	17.5	58.4	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	2-Hexanone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Acetone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Benzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Bromochloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Bromodichloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Bromoform (Tribromomethane)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Carbon Disulfide	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Carbon Tetrachloride	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Chlorobenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Chloroform	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Cis-1,3-Dichloropropene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Cyclohexane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Dibromochloromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Dichlorodifluoromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.84	µg/kg	U	VU	2.33	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Ethylbenzene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	M,P-Xylene	2.33	µg/kg	U	VU	0.35	2.33	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Methyl Acetate	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Methyl Ethyl Ketone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL16	4/23/2014	EPA8260B	Methyl Isobutyl Ketone	5.84	µg/kg	U	VU	1.75	5.84	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Methylcyclohexane	1.17	µg/kg	U	VU	0.467	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	O-Xylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Styrene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Tetrachloroethylene(PCE)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Toluene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Trans-1,3-Dichloropropene	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Trichloroethylene (TCE)	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8260B	Trichlorofluoromethane	1.17	µg/kg	U	VU	0.35	1.17	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	1,1'-Biphenyl	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4,5-Trichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4,6-Trichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4-Dichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4-Dimethylphenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4-Dinitrophenol	761	µg/kg	U	VU	114	761	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,4-Dinitrotoluene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2,6-Dinitrotoluene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2-Chloronaphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2-Chlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2-Methylnaphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2-Nitroaniline	381	µg/kg	U	VU	126	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	2-Nitrophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	3,3-Dichlorobenzidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	4-Bromophenyl Phenyl Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	4-Chloroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	4-Nitrophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Acenaphthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Acenaphthylene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Acetophenone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Atrazine	381	µg/kg	U	VU	152	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzaldehyde	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzo(G,H,I)Perylene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzo[A]Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzo[A]Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzo[B]Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Benzo[K]Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Bis(2-Chloroethyl)Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Butyl Benzyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Caprolactam	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Carbazole	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Chrysene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Dibenz[A,H]Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Dibenzofuran	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Diethyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Dimethyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Di-N-Butyl Phthalate	126	µg/kg	J	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Dinitro-O-Cresol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Fluorene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Hexachlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Hexachlorobutadiene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Hexachlorocyclopentadiene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Hexachloroethane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL16	4/23/2014	EPA8270D	Isophorone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	M/P-Cresol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	M-Nitroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Naphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	N-Dioctyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Nitrobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	N-Nitrosodiphenylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	O-Cresol (2-Methylphenol)	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	P-Chloro-M-Cresol	381	µg/kg	U	VU	152	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Pentachlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Phenanthrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Phenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	P-Nitroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL16	4/23/2014	EPA8270D	Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL16	4/23/2014	EPA9012B	Cyanide	242	µg/kg	U	VU	80.9	242	µg/kg	REG
DAABFILL16	4/23/2014	RADA-001	Gross Alpha	27.1	pCi/g		VU	2.96	14.2	pCi/g	REG
DAABFILL16	4/23/2014	RADA-001	Nonvolatile Beta	14.5	pCi/g		VU	3.1	8.02	pCi/g	REG
DAABFILL16	4/23/2014	RADA-011	Uranium-233/234	0.876	pCi/g		VU	0.156	0.758	pCi/g	REG
DAABFILL16	4/23/2014	RADA-011	Uranium-235	0.0164	pCi/g	U	VU	0.175	0.358	pCi/g	REG
DAABFILL16	4/23/2014	RADA-011	Uranium-238	0.902	pCi/g		VU	0.156	0.768	pCi/g	REG
DAABFILL16	4/23/2014	RADA-013	Radium-226	1.06	pCi/g		VU	0.115	0.465	pCi/g	REG
DAABFILL16	4/23/2014	RADA-013	Radium-228	1.37	pCi/g		VU	0.199	0.819	pCi/g	REG
DAABFILL16	4/23/2014	RADA-038	Thorium-228	1.41	pCi/g		VU	0.295	1.17	pCi/g	REG
DAABFILL16	4/23/2014	RADA-038	Thorium-230	0.957	pCi/g		VU	0.231	0.933	pCi/g	REG
DAABFILL16	4/23/2014	RADA-038	Thorium-232	1.51	pCi/g		VU	0.172	1.03	pCi/g	REG
DAABFILL17	8/18/2014	EPA6010C	Aluminum	1,380,000	µg/kg		VU	7,850	23,100	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Antimony	441	µg/kg	J	VU	381	1,150	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Arsenic	3,460	µg/kg	U	VU	577	3,460	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Barium	5,780	µg/kg		VU	115	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Beryllium	577	µg/kg	U	VU	115	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Cadmium	577	µg/kg	U	VU	115	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Calcium	38,000	µg/kg		VU	9,230	28,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Chromium	1,330	µg/kg		VU	173	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Cobalt	344	µg/kg	J	VU	173	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Copper	534	µg/kg	J	VU	346	1,150	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Iron	1,320,000	µg/kg		VU	9,230	28,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Lead	457	µg/kg	J	VU	381	1,150	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Magnesium	22,100	µg/kg	J	VU	9,810	34,600	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Manganese	20,000	µg/kg		VU	231	1,150	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Nickel	393	µg/kg	J	VU	173	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Potassium	19,100	µg/kg	J	VU	7,380	28,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Selenium	3,460	µg/kg	U	VU	577	3,460	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Silver	577	µg/kg	U	VU	115	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Sodium	28,800	µg/kg	U	VU	8,080	28,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Thallium	2,310	µg/kg	U	VU	577	2,310	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Vanadium	2,560	µg/kg		VU	115	577	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Zinc	842	µg/kg	J	VU	462	1,150	µg/kg	REG
DAABFILL17	8/18/2014	EPA6010C	Aluminum	1,430,000	µg/kg		VU	39,200	115,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Antimony	5,770	µg/kg	U	VU	1,900	5,770	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Arsenic	17,300	µg/kg	U	VU	2,880	17,300	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Barium	5,870	µg/kg		VU	577	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Beryllium	2,880	µg/kg	U	VU	577	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Cadmium	2,880	µg/kg	U	VU	577	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Calcium	144,000	µg/kg	U	VU	46,200	144,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Chromium	1,320	µg/kg	J	VU	865	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Cobalt	2,880	µg/kg	U	VU	865	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Copper	5,770	µg/kg	U	VU	1,730	5,770	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Iron	1,350,000	µg/kg		VU	46,200	144,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Lead	5,770	µg/kg	U	VU	1,900	5,770	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Magnesium	173,000	µg/kg	U	VU	49,000	173,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Manganese	20,500	µg/kg		VU	1,150	5,770	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Nickel	2,880	µg/kg	U	VU	865	2,880	µg/kg	SD

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL17	8/18/2014	EPA6010C	Potassium	144,000	µg/kg	U	VU	36,900	144,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Selenium	17,300	µg/kg	U	VU	2,880	17,300	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Silver	2,880	µg/kg	U	VU	577	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Sodium	144,000	µg/kg	U	VU	40,400	144,000	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Thallium	11,500	µg/kg	U	VU	2,880	11,500	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Vanadium	2,430	µg/kg	J	VU	577	2,880	µg/kg	SD
DAABFILL17	8/18/2014	EPA6010C	Zinc	5,770	µg/kg	U	VU	2,310	5,770	µg/kg	SD
DAABFILL17	8/18/2014	EPA7471B	Mercury	38.2	µg/kg		VU	4.76	14.2	µg/kg	REG
DAABFILL17	8/18/2014	EPA7471B	Mercury	26.3	µg/kg	J	VU	23.8	71	µg/kg	SD
DAABFILL17	8/18/2014	EPA8081B	Aldrin	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Alpha-Chlordane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	DDD	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	DDE	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	DDT	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Dieldrin	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endosulfan I	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endosulfan II	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endosulfan Sulfate	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endrin	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endrin Aldehyde	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Endrin Ketone	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Gamma-Chlordane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Heptachlor	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Heptachlor Epoxide	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Lindane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Methoxychlor	7.88	µg/kg	U	VU	1.97	7.88	µg/kg	REG
DAABFILL17	8/18/2014	EPA8081B	Toxaphene	19.7	µg/kg	U	VU	6.56	19.7	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1016	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1221	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1232	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1242	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1248	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1254	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8082A	Aroclor 1260	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1-Dichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.13	µg/kg	U	VU	0.565	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2-Dibromoethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,2-Dichloropropane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	1,4-Dioxane	56.5	µg/kg	U	VU	18.8	56.5	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	2-Hexanone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Acetone	6.45	µg/kg		VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Benzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Bromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Bromodichloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Carbon Disulfide	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Carbon Tetrachloride	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Chlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL17	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Chloroform	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Cyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Dibromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Ethylbenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	M,P-Xylene	2.26	µg/kg	U	VU	0.754	2.26	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Methyl Acetate	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Methylcyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	O-Xylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Styrene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Toluene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8260B	Trichlorofluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,1'-Biphenyl	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,2-Dichlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,3-Dichlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,3-Dinitrobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,4-Dichlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,4-Dioxane	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1,4-Naphthoquinone	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	1-Naphthylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4-Dichlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4-Dimethylphenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4-Dinitrophenol	791	µg/kg	U	VU	119	791	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,4-Dinitrotoluene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,6-Dichlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2,6-Dinitrotoluene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Acetylaminofluorene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Chloronaphthalene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Chlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Methylnaphthalene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Naphthylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Nitroaniline	396	µg/kg	U	VU	131	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Nitrophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	2-Picoline	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	3-Methylcholanthrene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	4-Aminobiphenyl	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	4-Chloroaniline	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	396	µg/kg	U	VU	119	396	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL17	8/18/2014	EPA8270D	4-Nitrophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	396	µg/kg	U	VU	138	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Acenaphthene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Acenaphthylene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Acetophenone	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Aniline	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Anthracene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Aramite	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Atrazine	396	µg/kg	U	VU	158	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzaldehyde	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzo[A]Anthracene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzo[A]Pyrene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzoic Acid	791	µg/kg	U	VU	198	791	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Benzyl Alcohol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Caprolactam	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Carbazole	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Chlorobenzilate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Chrysene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Diallate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Dibenzofuran	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Diethyl Phthalate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Dimethoate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Dimethyl Phthalate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Dinitro-O-Cresol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Disulfoton	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Ethyl Methacrylate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Ethyl Methanesulfonate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Famphur	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Fluoranthene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Fluorene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachlorobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachlorobutadiene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachloroethane	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachlorophene	19,800	µg/kg	U	VU	4,590	19,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Hexachloropropene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Isodrin	396	µg/kg	U	VU	79.1	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Isophorone	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Isosafrole	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Kepone	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	M/P-Cresol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Methapyrilene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Methyl Methanesulfonate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Methyl Parathion	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	M-Nitroaniline	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Naphthalene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Dioctyl Phthalate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Nitrobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosodiethylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosodimethylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosomorpholine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Parathion	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	P-Chloro-M-Cresol	396	µg/kg	U	VU	158	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pentachloroethane	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pentachloroethane	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pentachloronitrobenzene	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pentachlorophenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Phenacetin	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Phenanthrene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Phenol	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Phorate	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	P-Nitroaniline	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	P-Phenylenediamine	19,800	µg/kg	U	VU	3,960	19,800	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pronamide	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pyrene	39.6	µg/kg	U	VU	11.9	39.6	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Pyridine	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Safrole	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Sulfotepp	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA8270D	Thionazin	396	µg/kg	U	VU	119	396	µg/kg	REG
DAABFILL17	8/18/2014	EPA9012B	Cyanide	282	µg/kg	U	VU	94.3	282	µg/kg	LD
DAABFILL17	8/18/2014	EPA9012B	Cyanide	288	µg/kg	U	VU	96.2	288	µg/kg	REG
DAABFILL17	8/18/2014	RADA-001	Gross Alpha	8.41	pCi/g	J	VU	3.54	9.9	pCi/g	LD
DAABFILL17	8/18/2014	RADA-001	Nonvolatile Beta	16	pCi/g		VU	3.69	10.3	pCi/g	LD
DAABFILL17	8/18/2014	RADA-001	Gross Alpha	3.35	pCi/g	U	VU	3.87	8.99	pCi/g	REG
DAABFILL17	8/18/2014	RADA-001	Nonvolatile Beta	10.8	pCi/g		VU	4.17	10.5	pCi/g	REG
DAABFILL18	8/18/2014	EPA6010C	Aluminum	873,000	µg/kg		VU	7,070	20,800	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Antimony	1,040	µg/kg	U	VU	343	1,040	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Arsenic	31,200	µg/kg	U	VU	5,200	31,200	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Barium	8,570	µg/kg		VU	104	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Beryllium	520	µg/kg	U	VU	104	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Cadmium	520	µg/kg	U	VU	104	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Calcium	12,800	µg/kg	J	VU	8,310	26,000	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Chromium	728	µg/kg		VU	156	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Cobalt	157	µg/kg	J	VU	156	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Copper	405	µg/kg	J	VU	312	1,040	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Iron	503,000	µg/kg		VU	8,310	26,000	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Lead	564	µg/kg	J	VU	343	1,040	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Magnesium	33,500	µg/kg		VU	8,830	31,200	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Manganese	9,280	µg/kg		VU	208	1,040	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Nickel	344	µg/kg	J	VU	156	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Potassium	17,500	µg/kg	J	VU	6,650	26,000	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Selenium	3,870	µg/kg		VU	520	3,120	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Silver	520	µg/kg	U	VU	104	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Sodium	26,000	µg/kg	U	VU	7,270	26,000	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Thallium	2,080	µg/kg	U	VU	520	2,080	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Vanadium	888	µg/kg		VU	104	520	µg/kg	REG
DAABFILL18	8/18/2014	EPA6010C	Zinc	808	µg/kg	J	VU	416	1,040	µg/kg	REG
DAABFILL18	8/18/2014	EPA7471B	Mercury	12.6	µg/kg		VU	4.01	12	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Aldrin	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Alpha-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL18	8/18/2014	EPA8081B	DDD	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	DDE	0.543	µg/kg	J	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	DDT	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endosulfan I	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Gamma-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Heptachlor	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Heptachlor Epoxide	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Lindane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Methoxychlor	7.16	µg/kg	U	VU	1.79	7.16	µg/kg	REG
DAABFILL18	8/18/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.96	17.9	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1016	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1221	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1232	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1242	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1248	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1254	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8082A	Aroclor 1260	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.518	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	1,4-Dioxane	51.8	µg/kg	U	VU	17.3	51.8	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	2-Hexanone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Acetone	16.9	µg/kg		VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Carbon Disulfide	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	M,P-Xylene	2.07	µg/kg	U	VU	0.691	2.07	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL18	8/18/2014	EPA8260B	Methyl Acetate	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,1'-Biphenyl	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,2-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,3-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,3-Dinitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,4-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,4-Dioxane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1,4-Naphthoquinone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	1-Naphthylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4-Dichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4-Dimethylphenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4-Dinitrophenol	714	µg/kg	U	VU	107	714	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,4-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,6-Dichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2,6-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Acetylaminofluorene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Chloronaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Chlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Methylnaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Naphthylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Nitroaniline	357	µg/kg	U	VU	118	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	2-Picoline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	3-Methylcholanthrene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Aminobiphenyl	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Chloroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	357	µg/kg	U	VU	125	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Acenaphthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Acenaphthylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Acetophenone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Aniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Aramite	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Atrazine	357	µg/kg	U	VU	143	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzaldehyde	357	µg/kg	U	VU	107	357	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL18	8/18/2014	EPA8270D	Benzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzo[A]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzo[A]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzoic Acid	714	µg/kg	U	VU	179	714	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Benzyl Alcohol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Caprolactam	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Carbazole	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Chlorobenzilate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Chrysene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Diallate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Dibenzofuran	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Diethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Dimethoate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Dimethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Dinitro-O-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Disulfoton	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Ethyl Methacrylate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Ethyl Methanesulfonate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Famphur	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Fluorene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachlorobutadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachlorophene	17,900	µg/kg	U	VU	4,140	17,900	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Hexachloropropene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Isodrin	357	µg/kg	U	VU	71.4	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Isophorone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Isosafrole	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Kepone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	M/P-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Methapyrilene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Methyl Methanesulfonate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Methyl Parathion	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	M-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Naphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Dioctyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Nitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosodiethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosodimethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosomorpholine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Parathion	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	P-Chloro-M-Cresol	357	µg/kg	U	VU	143	357	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL18	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pentachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pentachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pentachloronitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pentachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Phenacetin	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Phenanthrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Phenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Phorate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	P-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	P-Phenylenediamine	17,900	µg/kg	U	VU	3,570	17,900	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pronamide	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Pyridine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Safrole	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Sulfotepp	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA8270D	Thionazin	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL18	8/18/2014	EPA9012B	Cyanide	254	µg/kg	U	VU	84.8	254	µg/kg	LD
DAABFILL18	8/18/2014	EPA9012B	Cyanide	269	µg/kg	U	VU	89.9	269	µg/kg	REG
DAABFILL18	8/18/2014	RADA-001	Gross Alpha	2.72	pCi/g	U	VU	3.84	8.76	pCi/g	REG
DAABFILL18	8/18/2014	RADA-001	Nonvolatile Beta	2.75	pCi/g	U	VU	3.65	8.23	pCi/g	REG
DAABFILL19	8/18/2014	EPA6010C	Aluminum	1,170,000	µg/kg		VU	8,120	23,900	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Antimony	1,190	µg/kg	U	VU	394	1,190	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Arsenic	3,580	µg/kg	U	VU	597	3,580	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Barium	5,900	µg/kg		VU	119	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Beryllium	597	µg/kg	U	VU	119	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Cadmium	597	µg/kg	U	VU	119	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Calcium	23,300	µg/kg	J	VU	9,560	29,900	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Chromium	1,140	µg/kg		VU	179	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Cobalt	215	µg/kg	J	VU	179	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Copper	398	µg/kg	J	VU	358	1,190	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Iron	823,000	µg/kg		VU	9,560	29,900	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Lead	476	µg/kg	J	VU	394	1,190	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Magnesium	29,500	µg/kg	J	VU	10,200	35,800	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Manganese	7,440	µg/kg		VU	239	1,190	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Nickel	392	µg/kg	J	VU	179	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Potassium	21,200	µg/kg	J	VU	7,640	29,900	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Selenium	1,710	µg/kg	J	VU	597	3,580	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Silver	597	µg/kg	U	VU	119	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Sodium	29,900	µg/kg	U	VU	8,360	29,900	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Thallium	2,390	µg/kg	U	VU	597	2,390	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Vanadium	1,600	µg/kg		VU	119	597	µg/kg	REG
DAABFILL19	8/18/2014	EPA6010C	Zinc	923	µg/kg	J	VU	478	1,190	µg/kg	REG
DAABFILL19	8/18/2014	EPA7471B	Mercury	28.3	µg/kg		VU	4.3	12.8	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Aldrin	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Alpha-Chlordane	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	DDD	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	DDE	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	DDT	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Dieldrin	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endosulfan I	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endosulfan II	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endosulfan Sulfate	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endrin	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endrin Aldehyde	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Endrin Ketone	1.62	µg/kg	U	VU	0.404	1.62	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Gamma-Chlordane	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Heptachlor	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Heptachlor Epoxide	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Lindane	0.808	µg/kg	U	VU	0.202	0.808	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL19	8/18/2014	EPA8081B	Methoxychlor	8.08	µg/kg	U	VU	2.02	8.08	µg/kg	REG
DAABFILL19	8/18/2014	EPA8081B	Toxaphene	20.2	µg/kg	U	VU	6.73	20.2	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1016	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1221	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1232	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1242	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1248	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1254	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8082A	Aroclor 1260	4	µg/kg	U	VU	1.33	4	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1-Dichloroethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.15	µg/kg	U	VU	0.576	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2-Dibromoethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,2-Dichloropropane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	1,4-Dioxane	57.6	µg/kg	U	VU	19.2	57.6	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	2-Hexanone	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Acetone	5.36	µg/kg	J	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Benzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Bromochloromethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Bromodichloromethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Carbon Disulfide	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Carbon Tetrachloride	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Chlorobenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Chloroform	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Cyclohexane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Dibromochloromethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Ethylbenzene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	M,P-Xylene	2.3	µg/kg	U	VU	0.768	2.3	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Methyl Acetate	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.76	µg/kg	U	VU	1.92	5.76	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Methylcyclohexane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	O-Xylene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Styrene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Toluene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8260B	Trichlorofluoromethane	1.15	µg/kg	U	VU	0.383	1.15	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,1'-Biphenyl	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL19	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,2-Dichlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,3-Dichlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,3-Dinitrobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,4-Dichlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,4-Dioxane	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1,4-Naphthoquinone	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	1-Naphthylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4-Dichlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4-Dimethylphenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4-Dinitrophenol	783	µg/kg	U	VU	117	783	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,4-Dinitrotoluene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,6-Dichlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2,6-Dinitrotoluene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Acetylaminofluorene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Chloronaphthalene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Chlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Methylnaphthalene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Naphthylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Nitroaniline	391	µg/kg	U	VU	129	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Nitrophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	2-Picoline	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	3-Methylcholanthrene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Aminobiphenyl	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Chloroaniline	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Nitrophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	391	µg/kg	U	VU	137	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Acenaphthene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Acenaphthylene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Acetophenone	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Aniline	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Anthracene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Aramite	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Atrazine	391	µg/kg	U	VU	157	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzaldehyde	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzo[A]Anthracene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzo[A]Pyrene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzoic Acid	783	µg/kg	U	VU	196	783	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Benzyl Alcohol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Caprolactam	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Carbazole	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL19	8/18/2014	EPA8270D	Chlorobenzilate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Chrysene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Diallate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Dibenzofuran	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Diethyl Phthalate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Dimethoate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Dimethyl Phthalate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Dinitro-O-Cresol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Disulfoton	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Ethyl Methacrylate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Ethyl Methanesulfonate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Famphur	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Fluoranthene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Fluorene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachlorobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachlorobutadiene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachloroethane	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachlorophene	19,600	µg/kg	U	VU	4,540	19,600	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Hexachloropropene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Isodrin	391	µg/kg	U	VU	78.3	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Isophorone	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Isosafrole	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Kepone	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	M/P-Cresol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Methapyrilene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Methyl Methanesulfonate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Methyl Parathion	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	M-Nitroaniline	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Naphthalene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Dioctyl Phthalate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Nitrobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosodiethylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosodimethylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosomorpholine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Parathion	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	P-Chloro-M-Cresol	391	µg/kg	U	VU	157	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pentachloroethane	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pentachloroethane	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pentachloronitrobenzene	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pentachlorophenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Phenacetin	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Phenanthrene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Phenol	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Phorate	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	P-Nitroaniline	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	P-Phenylenediamine	19,600	µg/kg	U	VU	3,910	19,600	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pronamide	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pyrene	39.1	µg/kg	U	VU	11.7	39.1	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Pyridine	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Safrole	391	µg/kg	U	VU	117	391	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL19	8/18/2014	EPA8270D	Sulfotepp	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA8270D	Thionazin	391	µg/kg	U	VU	117	391	µg/kg	REG
DAABFILL19	8/18/2014	EPA9012B	Cyanide	263	µg/kg	U	VU	87.9	263	µg/kg	REG
DAABFILL19	8/18/2014	RADA-001	Gross Alpha	9.13	pCi/g	J	VU	3.72	11.3	pCi/g	REG
DAABFILL19	8/18/2014	RADA-001	Nonvolatile Beta	8.05	pCi/g	J	VU	4.58	11.4	pCi/g	REG
DAABFILL20	8/18/2014	EPA6010C	Aluminum	1,080,000	µg/kg		VU	7,420	21,800	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Antimony	1,090	µg/kg	U	VU	360	1,090	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Arsenic	32,800	µg/kg	U	VU	5,460	32,800	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Barium	5,050	µg/kg		VU	109	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Beryllium	546	µg/kg	U	VU	109	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Cadmium	546	µg/kg	U	VU	109	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Calcium	21,300	µg/kg	J	VU	8,730	27,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Chromium	1,320	µg/kg		VU	164	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Cobalt	348	µg/kg	J	VU	164	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Copper	530	µg/kg	J	VU	328	1,090	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Iron	1,120,000	µg/kg		VU	8,730	27,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Lead	434	µg/kg	J	VU	360	1,090	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Magnesium	22,400	µg/kg	J	VU	9,280	32,800	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Manganese	23,700	µg/kg		VU	218	1,090	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Nickel	529	µg/kg	J	VU	164	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Potassium	19,000	µg/kg	J	VU	6,990	27,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Selenium	3,760	µg/kg		VU	546	3,280	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Silver	546	µg/kg	U	VU	109	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Sodium	27,300	µg/kg	U	VU	7,640	27,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Thallium	2,180	µg/kg	U	VU	546	2,180	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Vanadium	2,150	µg/kg		VU	109	546	µg/kg	REG
DAABFILL20	8/18/2014	EPA6010C	Zinc	942	µg/kg	J	VU	437	1,090	µg/kg	REG
DAABFILL20	8/18/2014	EPA7471B	Mercury	15.9	µg/kg		VU	4.05	12.1	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Aldrin	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Alpha-Chlordane	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	DDD	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	DDE	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	DDT	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Dieldrin	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endosulfan I	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endosulfan II	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endosulfan Sulfate	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endrin	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endrin Aldehyde	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Endrin Ketone	1.46	µg/kg	U	VU	0.364	1.46	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Gamma-Chlordane	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Heptachlor	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Heptachlor Epoxide	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Lindane	0.729	µg/kg	U	VU	0.182	0.729	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Methoxychlor	7.29	µg/kg	U	VU	1.82	7.29	µg/kg	REG
DAABFILL20	8/18/2014	EPA8081B	Toxaphene	18.2	µg/kg	U	VU	6.07	18.2	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1016	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1221	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1232	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1242	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1248	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1254	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8082A	Aroclor 1260	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL20	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.521	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	1,4-Dioxane	52.1	µg/kg	U	VU	17.4	52.1	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	2-Hexanone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Acetone	3.3	µg/kg	J	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Carbon Disulfide	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.695	2.08	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Methyl Acetate	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,1'-Biphenyl	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,2-Dichlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,3-Dichlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,3-Dinitrobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,4-Dichlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,4-Dioxane	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1,4-Naphthoquinone	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	1-Naphthylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,4-Dichlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,4-Dimethylphenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,4-Dinitrophenol	732	µg/kg	U	VU	110	732	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL20	8/18/2014	EPA8270D	2,4-Dinitrotoluene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,6-Dichlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2,6-Dinitrotoluene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Acetylaminofluorene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Chloronaphthalene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Chlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Methylnaphthalene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Naphthylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Nitroaniline	366	µg/kg	U	VU	121	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Nitrophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	2-Picoline	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	3-Methylcholanthrene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Aminobiphenyl	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Chloroaniline	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Nitrophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	366	µg/kg	U	VU	128	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Acenaphthene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Acenaphthylene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Acetophenone	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Aniline	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Anthracene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Aramite	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Atrazine	366	µg/kg	U	VU	146	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzaldehyde	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzo[A]Anthracene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzo[A]Pyrene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzoic Acid	732	µg/kg	U	VU	183	732	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Benzyl Alcohol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Caprolactam	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Carbazole	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Chlorobenzilate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Chrysene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Diallate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Dibenzofuran	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Diethyl Phthalate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Dimethoate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Dimethyl Phthalate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Dinitro-O-Cresol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Disulfoton	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Ethyl Methacrylate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Ethyl Methanesulfonate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Famphur	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Fluoranthene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Fluorene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL20	8/18/2014	EPA8270D	Hexachlorobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Hexachlorobutadiene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Hexachloroethane	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Hexachlorophene	18,300	µg/kg	U	VU	4,250	18,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Hexachloropropene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Isodrin	366	µg/kg	U	VU	73.2	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Isophorone	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Isosafrole	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Kepone	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	M/P-Cresol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Methapyrilene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Methyl Methanesulfonate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Methyl Parathion	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	M-Nitroaniline	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Naphthalene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Dioctyl Phthalate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Nitrobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosodiethylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosodimethylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosomorpholine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Parathion	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	P-Chloro-M-Cresol	366	µg/kg	U	VU	146	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pentachloroethane	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pentachloroethane	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pentachloronitrobenzene	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pentachlorophenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Phenacetin	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Phenanthrene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Phenol	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Phorate	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	P-Nitroaniline	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	P-Phenylenediamine	18,300	µg/kg	U	VU	3,660	18,300	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pronamide	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pyrene	36.6	µg/kg	U	VU	11	36.6	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Pyridine	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Safrole	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Sulfotepp	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA8270D	Thionazin	366	µg/kg	U	VU	110	366	µg/kg	REG
DAABFILL20	8/18/2014	EPA9012B	Cyanide	238	µg/kg	U	VU	79.5	238	µg/kg	REG
DAABFILL20	8/18/2014	RADA-001	Gross Alpha	12.4	pCi/g		VU	4	12.4	pCi/g	REG
DAABFILL20	8/18/2014	RADA-001	Nonvolatile Beta	10.6	pCi/g	J	VU	4.47	11.1	pCi/g	REG
DAABFILL21	8/18/2014	EPA6010C	Aluminum	1,480,000	µg/kg		VU	7,460	22,000	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Antimony	1,100	µg/kg	U	VU	362	1,100	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Arsenic	32,900	µg/kg	U	VU	5,490	32,900	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Barium	5,640	µg/kg		VU	110	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Beryllium	549	µg/kg	U	VU	110	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Cadmium	549	µg/kg	U	VU	110	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Calcium	54,300	µg/kg		VU	8,780	27,400	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Chromium	881	µg/kg		VU	165	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Cobalt	216	µg/kg	J	VU	165	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Copper	611	µg/kg	J	VU	329	1,100	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Iron	1,080,000	µg/kg		VU	8,780	27,400	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL21	8/18/2014	EPA6010C	Lead	1,100	µg/kg	U	VU	362	1,100	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Magnesium	22,500	µg/kg	J	VU	9,330	32,900	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Manganese	21,200	µg/kg		VU	220	1,100	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Nickel	415	µg/kg	J	VU	165	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Potassium	20,100	µg/kg	J	VU	7,030	27,400	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Selenium	5,130	µg/kg		VU	549	3,290	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Silver	549	µg/kg	U	VU	110	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Sodium	27,400	µg/kg	U	VU	7,680	27,400	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Thallium	2,200	µg/kg	U	VU	549	2,200	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Vanadium	2,280	µg/kg		VU	110	549	µg/kg	REG
DAABFILL21	8/18/2014	EPA6010C	Zinc	881	µg/kg	J	VU	439	1,100	µg/kg	REG
DAABFILL21	8/18/2014	EPA7471B	Mercury	59.3	µg/kg		VU	4.15	12.4	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Aldrin	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Alpha-Chlordane	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	DDD	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	DDE	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	DDT	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Dieldrin	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endosulfan I	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endosulfan II	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endosulfan Sulfate	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endrin	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endrin Aldehyde	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Endrin Ketone	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Gamma-Chlordane	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Heptachlor	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Heptachlor Epoxide	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Lindane	0.738	µg/kg	U	VU	0.184	0.738	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Methoxychlor	7.38	µg/kg	U	VU	1.84	7.38	µg/kg	REG
DAABFILL21	8/18/2014	EPA8081B	Toxaphene	18.4	µg/kg	U	VU	6.14	18.4	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1016	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1221	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1232	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1242	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1248	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1254	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8082A	Aroclor 1260	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1-Dichloroethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.06	µg/kg	U	VU	0.529	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2-Dibromoethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,2-Dichloropropane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	1,4-Dioxane	52.9	µg/kg	U	VU	17.6	52.9	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	2-Hexanone	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Acetone	4.66	µg/kg	J	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Benzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Bromochloromethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Bromodichloromethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL21	8/18/2014	EPA8260B	Carbon Disulfide	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Carbon Tetrachloride	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Chlorobenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Chloroform	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Cyclohexane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Dibromochloromethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Ethylbenzene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	M,P-Xylene	2.12	µg/kg	U	VU	0.706	2.12	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Methyl Acetate	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.29	µg/kg	U	VU	1.76	5.29	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Methylcyclohexane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	O-Xylene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Styrene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Toluene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8260B	Trichlorofluoromethane	1.06	µg/kg	U	VU	0.352	1.06	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,1'-Biphenyl	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,2-Dichlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,3-Dichlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,3-Dinitrobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,4-Dichlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,4-Dioxane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1,4-Naphthoquinone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	1-Naphthylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4-Dichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4-Dimethylphenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4-Dinitrophenol	741	µg/kg	U	VU	111	741	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,4-Dinitrotoluene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,6-Dichlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2,6-Dinitrotoluene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Acetylaminofluorene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Chloronaphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Chlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Methylnaphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Naphthylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Nitroaniline	371	µg/kg	U	VU	122	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Nitrophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	2-Picoline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	3-Methylcholanthrene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	4-Aminobiphenyl	371	µg/kg	U	VU	111	371	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL21	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	4-Chloroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	4-Nitrophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	371	µg/kg	U	VU	130	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Acenaphthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Acenaphthylene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Acetophenone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Aniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Aramite	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Atrazine	371	µg/kg	U	VU	148	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzaldehyde	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzo[A]Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzo[A]Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzoic Acid	741	µg/kg	U	VU	185	741	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Benzyl Alcohol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Caprolactam	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Carbazole	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Chlorobenzilate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Chrysene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Diallate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Dibenzofuran	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Diethyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Dimethoate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Dimethyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Dinitro-O-Cresol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Disulfoton	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Ethyl Methacrylate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Ethyl Methanesulfonate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Famphur	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Fluoranthene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Fluorene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachlorobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachlorobutadiene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachloroethane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachlorophene	18,500	µg/kg	U	VU	4,300	18,500	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Hexachloropropene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Isodrin	371	µg/kg	U	VU	74.1	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Isophorone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Isosafrole	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Kepone	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	M/P-Cresol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Methapyrilene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Methyl Methanesulfonate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Methyl Parathion	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	M-Nitroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL21	8/18/2014	EPA8270D	Naphthalene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Dioctyl Phthalate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Nitrobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosodiethylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosodimethylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosomorpholine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Parathion	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	P-Chloro-M-Cresol	371	µg/kg	U	VU	148	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pentachloroethane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pentachloroethane	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pentachloronitrobenzene	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pentachlorophenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Phenacetin	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Phenanthrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Phenol	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Phorate	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	P-Nitroaniline	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	P-Phenylenediamine	18,500	µg/kg	U	VU	3,710	18,500	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pronamide	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pyrene	37.1	µg/kg	U	VU	11.1	37.1	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Pyridine	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Safrole	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Sulfotepp	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA8270D	Thionazin	371	µg/kg	U	VU	111	371	µg/kg	REG
DAABFILL21	8/18/2014	EPA9012B	Cyanide	223	µg/kg	U	VU	74.3	223	µg/kg	REG
DAABFILL21	8/18/2014	RADA-001	Gross Alpha	7.82	pCi/g	J	VU	3.96	11.8	pCi/g	REG
DAABFILL21	8/18/2014	RADA-001	Nonvolatile Beta	4.68	pCi/g	J	VU	4.39	10.3	pCi/g	REG
DAABFILL22	8/18/2014	EPA6010C	Aluminum	2,190,000	µg/kg		VU	6,190	18,200	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Antimony	910	µg/kg	U	VU	300	910	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Arsenic	27,300	µg/kg	U	VU	4,550	27,300	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Barium	16,700	µg/kg		VU	91	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Beryllium	103	µg/kg	J	VU	91	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Cadmium	455	µg/kg	U	VU	91	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Calcium	61,600	µg/kg		VU	7,280	22,800	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Chromium	1,620	µg/kg		VU	137	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Cobalt	559	µg/kg		VU	137	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Copper	888	µg/kg	J	VU	273	910	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Iron	1,970,000	µg/kg		VU	7,280	22,800	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Lead	1,100	µg/kg		VU	300	910	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Magnesium	43,600	µg/kg		VU	7,740	27,300	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Manganese	57,900	µg/kg		VU	182	910	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Nickel	693	µg/kg		VU	137	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Potassium	33,600	µg/kg		VU	5,830	22,800	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Selenium	3,820	µg/kg		VU	455	2,730	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Silver	455	µg/kg	U	VU	91	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Sodium	22,800	µg/kg	U	VU	6,370	22,800	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Thallium	1,820	µg/kg	U	VU	455	1,820	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Vanadium	3,660	µg/kg		VU	91	455	µg/kg	REG
DAABFILL22	8/18/2014	EPA6010C	Zinc	1,260	µg/kg		VU	364	910	µg/kg	REG
DAABFILL22	8/18/2014	EPA7471B	Mercury	25.5	µg/kg		VU	3.79	11.3	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Aldrin	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Alpha-Chlordane	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL22	8/18/2014	EPA8081B	DDD	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	DDE	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	DDT	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Dieldrin	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endosulfan I	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endosulfan II	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endosulfan Sulfate	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endrin	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endrin Aldehyde	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Endrin Ketone	1.4	µg/kg	U	VU	0.349	1.4	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Gamma-Chlordane	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Heptachlor	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Heptachlor Epoxide	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Lindane	0.698	µg/kg	U	VU	0.175	0.698	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Methoxychlor	6.98	µg/kg	U	VU	1.75	6.98	µg/kg	REG
DAABFILL22	8/18/2014	EPA8081B	Toxaphene	17.5	µg/kg	U	VU	5.81	17.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1016	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1221	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1232	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1242	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1248	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1254	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8082A	Aroclor 1260	3.5	µg/kg	U	VU	1.17	3.5	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1-Dichloroethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.03	µg/kg	U	VU	0.516	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2-Dibromoethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,2-Dichloropropane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	1,4-Dioxane	51.6	µg/kg	U	VU	17.2	51.6	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	2-Hexanone	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Acetone	3.5	µg/kg	J	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Benzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Bromochloromethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Bromodichloromethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Carbon Disulfide	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Carbon Tetrachloride	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Chlorobenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Chloroform	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Cyclohexane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Dibromochloromethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Ethylbenzene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	M,P-Xylene	2.06	µg/kg	U	VU	0.688	2.06	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL22	8/18/2014	EPA8260B	Methyl Acetate	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.16	µg/kg	U	VU	1.72	5.16	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Methylcyclohexane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	O-Xylene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Styrene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Toluene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8260B	Trichlorofluoromethane	1.03	µg/kg	U	VU	0.344	1.03	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,1'-Biphenyl	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,2-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,3-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,3-Dinitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,4-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,4-Dioxane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1,4-Naphthoquinone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	1-Naphthylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4-Dichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4-Dimethylphenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4-Dinitrophenol	701	µg/kg	U	VU	105	701	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,4-Dinitrotoluene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,6-Dichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2,6-Dinitrotoluene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Acetylaminofluorene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Chloronaphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Chlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Methylnaphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Naphthylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Nitroaniline	350	µg/kg	U	VU	116	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Nitrophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	2-Picoline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	3-Methylcholanthrene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Aminobiphenyl	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Chloroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Nitrophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	350	µg/kg	U	VU	123	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Acenaphthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Acenaphthylene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Acetophenone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Aniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Aramite	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Atrazine	350	µg/kg	U	VU	140	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzaldehyde	350	µg/kg	U	VU	105	350	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL22	8/18/2014	EPA8270D	Benzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzo[A]Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzo[A]Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzoic Acid	701	µg/kg	U	VU	175	701	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Benzyl Alcohol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Caprolactam	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Carbazole	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Chlorobenzilate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Chrysene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Diallate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Dibenzofuran	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Diethyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Dimethoate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Dimethyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Dinitro-O-Cresol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Disulfoton	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Ethyl Methacrylate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Ethyl Methanesulfonate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Famphur	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Fluorene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachlorobutadiene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachlorophene	17,500	µg/kg	U	VU	4,060	17,500	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Hexachloropropene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Isodrin	350	µg/kg	U	VU	70.1	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Isophorone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Isosafrole	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Kepone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	M/P-Cresol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Methapyrilene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Methyl Methanesulfonate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Methyl Parathion	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	M-Nitroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Naphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Dioctyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Nitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosodiethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosodimethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosomorpholine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Parathion	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	P-Chloro-M-Cresol	350	µg/kg	U	VU	140	350	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL22	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pentachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pentachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pentachloronitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pentachlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Phenacetin	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Phenanthrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Phenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Phorate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	P-Nitroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	P-Phenylenediamine	17,500	µg/kg	U	VU	3,500	17,500	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pronamide	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Pyridine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Safrole	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Sulfotepp	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA8270D	Thionazin	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL22	8/18/2014	EPA9012B	Cyanide	253	µg/kg	U	VU	84.5	253	µg/kg	REG
DAABFILL22	8/18/2014	RADA-001	Gross Alpha	7.02	pCi/g	J	VU	3.84	10.6	pCi/g	REG
DAABFILL22	8/18/2014	RADA-001	Nonvolatile Beta	5.08	pCi/g	J	VU	3.13	7.73	pCi/g	REG
DAABFILL23	8/20/2014	EPA6010C	Aluminum	1,360,000	µg/kg		VU	7,240	21,300	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Antimony	992	µg/kg	J	VU	351	1,060	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Arsenic	4,620	µg/kg		VU	532	3,190	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Barium	2,720	µg/kg		VU	106	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Beryllium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Cadmium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Calcium	15,100	µg/kg	J	VU	8,520	26,600	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Chromium	5,710	µg/kg		VU	160	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Cobalt	367	µg/kg	J	VU	160	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Copper	355	µg/kg	J	VU	319	1,060	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Iron	7,030,000	µg/kg		VU	8,520	26,600	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Lead	649	µg/kg	J	VU	351	1,060	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Magnesium	12,000	µg/kg	J	VU	9,050	31,900	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Manganese	8,550	µg/kg		VU	213	1,060	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Nickel	532	µg/kg		VU	160	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Potassium	14,200	µg/kg	J	VU	6,810	26,600	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Selenium	3,190	µg/kg	U	VU	532	3,190	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Silver	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Sodium	26,600	µg/kg	U	VU	7,450	26,600	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Thallium	2,130	µg/kg	U	VU	532	2,130	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Vanadium	19,500	µg/kg		VU	106	532	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Zinc	1,060	µg/kg	U	VU	426	1,060	µg/kg	REG
DAABFILL23	8/20/2014	EPA6010C	Aluminum	1,340,000	µg/kg		VU	36,200	106,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Antimony	5,320	µg/kg	U	VU	1,760	5,320	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Arsenic	6,310	µg/kg	J	VU	2,660	16,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Barium	2,740	µg/kg		VU	532	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Beryllium	2,660	µg/kg	U	VU	532	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Cadmium	2,660	µg/kg	U	VU	532	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Calcium	133,000	µg/kg	U	VU	42,600	133,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Chromium	6,160	µg/kg		VU	798	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Cobalt	2,660	µg/kg	U	VU	798	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Copper	5,320	µg/kg	U	VU	1,600	5,320	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Iron	6,830,000	µg/kg		VU	42,600	133,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Lead	5,320	µg/kg	U	VU	1,760	5,320	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Magnesium	160,000	µg/kg	U	VU	45,200	160,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Manganese	8,450	µg/kg		VU	1,060	5,320	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Nickel	2,660	µg/kg	U	VU	798	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Potassium	42,700	µg/kg	J	VU	34,100	133,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Selenium	16,000	µg/kg	U	VU	2,660	16,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Silver	2,660	µg/kg	U	VU	532	2,660	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Sodium	133,000	µg/kg	U	VU	37,300	133,000	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Thallium	10,600	µg/kg	U	VU	2,660	10,600	µg/kg	SD
DAABFILL23	8/20/2014	EPA6010C	Vanadium	19,200	µg/kg		VU	532	2,660	µg/kg	SD

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL23	8/20/2014	EPA6010C	Zinc	5,320	µg/kg	U	VU	2,130	5,320	µg/kg	SD
DAABFILL23	8/20/2014	EPA7471B	Mercury	38.5	µg/kg		VU	4.4	13.1	µg/kg	LD
DAABFILL23	8/20/2014	EPA7471B	Mercury	53.3	µg/kg		VU	4.4	13.1	µg/kg	REG
DAABFILL23	8/20/2014	EPA7471B	Mercury	53.8	µg/kg	J	VU	22	65.6	µg/kg	SD
DAABFILL23	8/20/2014	EPA8081B	Aldrin	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Alpha-Chlordane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	DDT	0.722	µg/kg	J	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endosulfan I	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endosulfan Sulfate	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Gamma-Chlordane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Heptachlor	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Heptachlor Epoxide	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Lindane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Methoxychlor	7.48	µg/kg	U	VU	1.87	7.48	µg/kg	REG
DAABFILL23	8/20/2014	EPA8081B	Toxaphene	18.7	µg/kg	U	VU	6.23	18.7	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1016	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1221	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1232	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1242	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1248	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1254	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8082A	Aroclor 1260	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1-Dichloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.2	µg/kg	U	VU	0.598	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2-Dibromoethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,2-Dichloropropane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	1,4-Dioxane	59.8	µg/kg	U	VU	19.9	59.8	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	2-Hexanone	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Acetone	11.7	µg/kg		VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Benzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Bromochloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Bromodichloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Carbon Disulfide	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Carbon Tetrachloride	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Chlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Chloroform	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL23	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Cyclohexane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Dibromochloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Ethylbenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	M,P-Xylene	2.39	µg/kg	U	VU	0.798	2.39	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Methyl Acetate	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Methylcyclohexane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	O-Xylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Styrene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Toluene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8260B	Trichlorofluoromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,1'-Biphenyl	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,2-Dichlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,3-Dichlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,3-Dinitrobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,4-Dichlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,4-Dioxane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1,4-Naphthoquinone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	1-Naphthylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4-Dichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4-Dimethylphenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4-Dinitrophenol	748	µg/kg	U	VU	112	748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,4-Dinitrotoluene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,6-Dichlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2,6-Dinitrotoluene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Acetylaminofluorene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Chloronaphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Chlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Methylnaphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Naphthylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Nitroaniline	374	µg/kg	U	VU	123	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Nitrophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	2-Picoline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	3-Methylcholanthrene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Aminobiphenyl	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Chloroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Nitrophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	374	µg/kg	U	VU	131	374	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL23	8/20/2014	EPA8270D	Acenaphthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Acenaphthylene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Acetophenone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Aniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Aramite	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Atrazine	374	µg/kg	U	VU	150	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzaldehyde	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzo[A]Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzo[A]Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzoic Acid	748	µg/kg	U	VU	187	748	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Benzyl Alcohol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Caprolactam	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Carbazole	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Chlorobenzilate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Chrysene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Diallate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Dibenzofuran	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Diethyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Dimethoate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Dimethyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Dinitro-O-Cresol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Disulfoton	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Ethyl Methacrylate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Ethyl Methanesulfonate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Famphur	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Fluoranthene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Fluorene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachlorobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachlorobutadiene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachloroethane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachlorophene	18,700	µg/kg	U	VU	4,340	18,700	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Hexachloropropene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Isodrin	374	µg/kg	U	VU	74.8	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Isophorone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Isosafrole	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Kepone	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	M/P-Cresol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Methapyrilene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Methyl Methanesulfonate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Methyl Parathion	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	M-Nitroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Naphthalene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Dioctyl Phthalate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Nitrobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosodiethylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosodimethylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	374	µg/kg	U	VU	112	374	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosomorpholine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Parathion	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	P-Chloro-M-Cresol	374	µg/kg	U	VU	150	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pentachloroethane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pentachloroethane	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pentachloronitrobenzene	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pentachlorophenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Phenacetin	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Phenanthrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Phenol	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Phorate	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	P-Nitroaniline	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	P-Phenylenediamine	18,700	µg/kg	U	VU	3,740	18,700	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pronamide	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pyrene	37.4	µg/kg	U	VU	11.2	37.4	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Pyridine	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Safrole	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Sulfotepp	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA8270D	Thionazin	374	µg/kg	U	VU	112	374	µg/kg	REG
DAABFILL23	8/20/2014	EPA9012B	Cyanide	216	µg/kg	U	VU	72.2	216	µg/kg	LD
DAABFILL23	8/20/2014	EPA9012B	Cyanide	281	µg/kg	U	VU	93.9	281	µg/kg	REG
DAABFILL23	8/20/2014	RADA-001	Gross Alpha	14.2	pCi/g		VU	3.58	11.4	pCi/g	LD
DAABFILL23	8/20/2014	RADA-001	Nonvolatile Beta	6.22	pCi/g	J	VU	2.75	7.09	pCi/g	LD
DAABFILL23	8/20/2014	RADA-001	Gross Alpha	16.1	pCi/g		VU	3.91	12.9	pCi/g	REG
DAABFILL23	8/20/2014	RADA-001	Nonvolatile Beta	13.8	pCi/g		VU	4.37	11.4	pCi/g	REG
DAABFILL24	8/20/2014	EPA6010C	Aluminum	2,040,000	µg/kg		VU	7,390	21,700	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Antimony	1,090	µg/kg	U	VU	358	1,090	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Arsenic	32,600	µg/kg	U	VU	5,430	32,600	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Barium	2,880	µg/kg		VU	109	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Beryllium	543	µg/kg	U	VU	109	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Cadmium	543	µg/kg	U	VU	109	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Calcium	27,200	µg/kg	U	VU	8,690	27,200	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Chromium	7,330	µg/kg		VU	163	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Cobalt	543	µg/kg	U	VU	163	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Copper	1,000	µg/kg	J	VU	326	1,090	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Iron	7,690,000	µg/kg		VU	8,690	27,200	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Lead	694	µg/kg	J	VU	358	1,090	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Magnesium	13,700	µg/kg	J	VU	9,230	32,600	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Manganese	771	µg/kg	J	VU	217	1,090	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Nickel	194	µg/kg	J	VU	163	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Potassium	15,900	µg/kg	J	VU	6,950	27,200	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Selenium	5,680	µg/kg		VU	543	3,260	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Silver	543	µg/kg	U	VU	109	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Sodium	27,200	µg/kg	U	VU	7,600	27,200	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Thallium	2,170	µg/kg	U	VU	543	2,170	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Vanadium	22,100	µg/kg		VU	109	543	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Zinc	1,090	µg/kg	U	VU	434	1,090	µg/kg	REG
DAABFILL24	8/20/2014	EPA6010C	Aluminum	2,190,000	µg/kg		VU	36,900	109,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Antimony	2,060	µg/kg	J	VU	1,790	5,430	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Arsenic	163,000	µg/kg	U	VU	27,200	163,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Barium	3,000	µg/kg		VU	543	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Beryllium	2,720	µg/kg	U	VU	543	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Cadmium	2,720	µg/kg	U	VU	543	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Calcium	136,000	µg/kg	U	VU	43,400	136,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Chromium	7,440	µg/kg		VU	815	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Cobalt	2,720	µg/kg	U	VU	815	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Copper	5,430	µg/kg	U	VU	1,630	5,430	µg/kg	SD

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL24	8/20/2014	EPA6010C	Iron	8,080,000	µg/kg		VU	43,400	136,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Lead	5,430	µg/kg	U	VU	1,790	5,430	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Magnesium	163,000	µg/kg	U	VU	46,200	163,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Manganese	5,430	µg/kg	U	VU	1,090	5,430	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Nickel	2,720	µg/kg	U	VU	815	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Potassium	136,000	µg/kg	U	VU	34,800	136,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Selenium	3,610	µg/kg	J	VU	2,720	16,300	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Silver	2,720	µg/kg	U	VU	543	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Sodium	136,000	µg/kg	U	VU	38,000	136,000	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Thallium	10,900	µg/kg	U	VU	2,720	10,900	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Vanadium	22,500	µg/kg		VU	543	2,720	µg/kg	SD
DAABFILL24	8/20/2014	EPA6010C	Zinc	5,430	µg/kg	U	VU	2,170	5,430	µg/kg	SD
DAABFILL24	8/20/2014	EPA7471B	Mercury	95.3	µg/kg		VU	4.37	13	µg/kg	REG
DAABFILL24	8/20/2014	EPA7471B	Mercury	93.5	µg/kg		VU	21.8	65.2	µg/kg	SD
DAABFILL24	8/20/2014	EPA8081B	Aldrin	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Alpha-Chlordane	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	DDD	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	DDE	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	DDT	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Dieldrin	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endosulfan I	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endosulfan II	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endosulfan Sulfate	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endrin	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endrin Aldehyde	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Endrin Ketone	1.49	µg/kg	U	VU	0.372	1.49	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Gamma-Chlordane	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Heptachlor	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Heptachlor Epoxide	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Lindane	0.744	µg/kg	U	VU	0.186	0.744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Methoxychlor	7.44	µg/kg	U	VU	1.86	7.44	µg/kg	REG
DAABFILL24	8/20/2014	EPA8081B	Toxaphene	18.6	µg/kg	U	VU	6.19	18.6	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1016	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1221	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1232	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1242	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1248	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1254	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8082A	Aroclor 1260	3.71	µg/kg	U	VU	1.24	3.71	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1-Dichloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.16	µg/kg	U	VU	0.582	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2-Dibromoethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,2-Dichloropropane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	1,4-Dioxane	58.2	µg/kg	U	VU	19.4	58.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	2-Hexanone	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Acetone	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Benzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Bromochloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Bromodichloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL24	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Carbon Disulfide	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Carbon Tetrachloride	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Chlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Chloroform	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Cyclohexane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Dibromochloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Ethylbenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	M,P-Xylene	2.33	µg/kg	U	VU	0.776	2.33	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Methyl Acetate	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.82	µg/kg	U	VU	1.94	5.82	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Methylcyclohexane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	O-Xylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Styrene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Toluene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8260B	Trichlorofluoromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,1'-Biphenyl	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,2-Dichlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,3-Dichlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,3-Dinitrobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,4-Dichlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,4-Dioxane	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1,4-Naphthoquinone	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	1-Naphthylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4-Dichlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4-Dimethylphenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4-Dinitrophenol	744	µg/kg	U	VU	112	744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,4-Dinitrotoluene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,6-Dichlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2,6-Dinitrotoluene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Acetylaminofluorene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Chloronaphthalene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Chlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Methylnaphthalene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Naphthylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Nitroaniline	372	µg/kg	U	VU	123	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Nitrophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	2-Picoline	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	372	µg/kg	U	VU	112	372	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL24	8/20/2014	EPA8270D	3-Methylcholanthrene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Aminobiphenyl	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Chloroaniline	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Nitrophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	372	µg/kg	U	VU	130	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Acenaphthene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Acenaphthylene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Acetophenone	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Aniline	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Anthracene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Aramite	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Atrazine	372	µg/kg	U	VU	149	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzaldehyde	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzidine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzo[A]Anthracene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzo[A]Pyrene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzoic Acid	744	µg/kg	U	VU	186	744	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Benzyl Alcohol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Caprolactam	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Carbazole	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Chlorobenzilate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Chrysene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Diallate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Dibenzofuran	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Diethyl Phthalate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Dimethoate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Dimethyl Phthalate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Dinitro-O-Cresol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Disulfoton	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Ethyl Methacrylate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Ethyl Methanesulfonate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Famphur	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Fluoranthene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Fluorene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachlorobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachlorobutadiene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachloroethane	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachlorophene	18,600	µg/kg	U	VU	4,310	18,600	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Hexachloropropene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Isodrin	372	µg/kg	U	VU	74.4	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Isophorone	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Isosafrole	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Kepone	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	M/P-Cresol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Methapyrilene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Methyl Methanesulfonate	372	µg/kg	U	VU	112	372	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL24	8/20/2014	EPA8270D	Methyl Parathion	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	M-Nitroaniline	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Naphthalene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Dioctyl Phthalate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Nitrobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosodiethylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosodimethylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosomorpholine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Parathion	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	P-Chloro-M-Cresol	372	µg/kg	U	VU	149	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pentachloroethane	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pentachloroethane	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pentachloronitrobenzene	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pentachlorophenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Phenacetin	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Phenanthrene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Phenol	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Phorate	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	P-Nitroaniline	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	P-Phenylenediamine	18,600	µg/kg	U	VU	3,720	18,600	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pronamide	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pyrene	37.2	µg/kg	U	VU	11.2	37.2	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Pyridine	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Safrole	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Sulfotepp	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA8270D	Thionazin	372	µg/kg	U	VU	112	372	µg/kg	REG
DAABFILL24	8/20/2014	EPA9012B	Cyanide	229	µg/kg	U	VU	76.4	229	µg/kg	LD
DAABFILL24	8/20/2014	EPA9012B	Cyanide	245	µg/kg	U	VU	81.8	245	µg/kg	REG
DAABFILL24	8/20/2014	RADA-001	Gross Alpha	7.78	pCi/g	J	VU	3.97	10.3	pCi/g	LD
DAABFILL24	8/20/2014	RADA-001	Nonvolatile Beta	5.21	pCi/g	J	VU	2.83	6.95	pCi/g	LD
DAABFILL24	8/20/2014	RADA-001	Gross Alpha	6.55	pCi/g	J	VU	3.92	10.5	pCi/g	REG
DAABFILL24	8/20/2014	RADA-001	Nonvolatile Beta	5.81	pCi/g	J	VU	3.23	8.13	pCi/g	REG
DAABFILL25	8/20/2014	EPA6010C	Aluminum	3,550,000	µg/kg		VU	7,070	20,800	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Antimony	1,040	µg/kg	U	VU	343	1,040	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Arsenic	31,200	µg/kg	U	VU	5,200	31,200	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Barium	21,000	µg/kg		VU	104	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Beryllium	127	µg/kg	J	VU	104	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Cadmium	520	µg/kg	U	VU	104	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Calcium	73,100	µg/kg		VU	8,310	26,000	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Chromium	3,100	µg/kg		VU	156	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Cobalt	841	µg/kg		VU	156	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Copper	1,270	µg/kg		VU	312	1,040	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Iron	3,410,000	µg/kg		VU	8,310	26,000	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Lead	1,920	µg/kg		VU	343	1,040	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Magnesium	61,200	µg/kg		VU	8,830	31,200	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Manganese	23,000	µg/kg		VU	208	1,040	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Nickel	976	µg/kg		VU	156	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Potassium	52,800	µg/kg		VU	6,650	26,000	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Selenium	4,060	µg/kg		VU	520	3,120	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Silver	520	µg/kg	U	VU	104	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Sodium	26,000	µg/kg	U	VU	7,270	26,000	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Thallium	2,080	µg/kg	U	VU	520	2,080	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Vanadium	7,160	µg/kg		VU	104	520	µg/kg	REG
DAABFILL25	8/20/2014	EPA6010C	Zinc	2,090	µg/kg		VU	416	1,040	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL25	8/20/2014	EPA7471B	Mercury	36.8	µg/kg		VU	4.12	12.3	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Aldrin	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Alpha-Chlordane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	DDD	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	DDE	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	DDT	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Dieldrin	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endosulfan I	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endosulfan II	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endosulfan Sulfate	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endrin	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endrin Aldehyde	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Endrin Ketone	1.41	µg/kg	U	VU	0.352	1.41	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Gamma-Chlordane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Heptachlor	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Heptachlor Epoxide	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Lindane	0.704	µg/kg	U	VU	0.176	0.704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Methoxychlor	7.04	µg/kg	U	VU	1.76	7.04	µg/kg	REG
DAABFILL25	8/20/2014	EPA8081B	Toxaphene	17.6	µg/kg	U	VU	5.86	17.6	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1016	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1221	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1232	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1242	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1248	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1254	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8082A	Aroclor 1260	3.52	µg/kg	U	VU	1.17	3.52	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1,1-Trchloroethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1,2-Trichloroethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1-Dichloroethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,1-Dichloroethylene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.98	µg/kg	U	VU	0.49	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2-Dibromoethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2-Dichlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,2-Dichloropropane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,3-Dichlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,4-Dichlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	1,4-Dioxane	49	µg/kg	U	VU	16.3	49	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	2-Hexanone	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Acetone	3.26	µg/kg	J	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Benzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Bromochloromethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Bromodichloromethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Carbon Disulfide	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Carbon Tetrachloride	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Chlorobenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Chloroform	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Cyclohexane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL25	8/20/2014	EPA8260B	Dibromochloromethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Dichlorodifluoromethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Ethylbenzene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	M,P-Xylene	1.96	µg/kg	U	VU	0.653	1.96	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Methyl Acetate	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Methyl Ethyl Ketone	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	4.9	µg/kg	U	VU	1.63	4.9	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Methylcyclohexane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	O-Xylene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Styrene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Toluene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Trichloroethylene (TCE)	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8260B	Trichlorofluoromethane	0.98	µg/kg	U	VU	0.326	0.98	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,1'-Biphenyl	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,2-Dichlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,3-Dichlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,3-Dinitrobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,4-Dichlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,4-Dioxane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1,4-Naphthoquinone	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	1-Naphthylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4-Dichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4-Dimethylphenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4-Dinitrophenol	704	µg/kg	U	VU	106	704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,4-Dinitrotoluene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,6-Dichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2,6-Dinitrotoluene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Acetylaminofluorene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Chloronaphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Chlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Methylnaphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Naphthylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Nitroaniline	352	µg/kg	U	VU	116	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Nitrophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	2-Picoline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	3-Methylcholanthrene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Aminobiphenyl	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Chloroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Nitrophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	352	µg/kg	U	VU	123	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Acenaphthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Acenaphthylene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Acetophenone	352	µg/kg	U	VU	106	352	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL25	8/20/2014	EPA8270D	Aniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Aramite	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Atrazine	352	µg/kg	U	VU	141	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzaldehyde	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzo[A]Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzo[A]Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzoic Acid	704	µg/kg	U	VU	176	704	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Benzyl Alcohol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Caprolactam	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Carbazole	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Chlorobenzilate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Chrysene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Diallate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Dibenzofuran	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Diethyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Dimethoate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Dimethyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Dinitro-O-Cresol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Disulfoton	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Ethyl Methacrylate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Ethyl Methanesulfonate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Famphur	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Fluorene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachlorobutadiene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachloroethane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachlorophene	17600	µg/kg	U	VU	4,090	17,600	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Hexachloropropene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Isodrin	352	µg/kg	U	VU	70.4	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Isophorone	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Isosafrole	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Kepone	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	M/P-Cresol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Methapyrilene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Methyl Methanesulfonate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Methyl Parathion	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	M-Nitroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Naphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Dioctyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Nitrobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosodiethylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosodimethylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosomorpholine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	352	µg/kg	U	VU	106	352	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL25	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Parathion	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	P-Chloro-M-Cresol	352	µg/kg	U	VU	141	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pentachloroethane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pentachloroethane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pentachloronitrobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pentachlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Phenacetin	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Phenanthrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Phenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Phorate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	P-Nitroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	P-Phenylenediamine	17,600	µg/kg	U	VU	3,520	17,600	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pronamide	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Pyridine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Safrole	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Sulfotepp	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA8270D	Thionazin	352	µg/kg	U	VU	106	352	µg/kg	REG
DAABFILL25	8/20/2014	EPA9012B	Cyanide	245	µg/kg	U	VU	81.8	245	µg/kg	LD
DAABFILL25	8/20/2014	EPA9012B	Cyanide	224	µg/kg	U	VU	74.9	224	µg/kg	REG
DAABFILL25	8/20/2014	RADA-001	Gross Alpha	19.9	pCi/g		VU	3.86	12.8	pCi/g	REG
DAABFILL25	8/20/2014	RADA-001	Nonvolatile Beta	17.8	pCi/g		VU	5.02	12.7	pCi/g	REG
DAABFILL26	8/20/2014	EPA6010C	Aluminum	2,450,000	µg/kg		VU	7,270	21,400	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Antimony	1,070	µg/kg	U	VU	353	1,070	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Arsenic	5,560	µg/kg		VU	534	3,210	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Barium	7,170	µg/kg		VU	107	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Beryllium	534	µg/kg	U	VU	107	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Cadmium	534	µg/kg	U	VU	107	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Calcium	18,500	µg/kg	J	VU	8,550	26,700	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Chromium	7,120	µg/kg		VU	160	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Cobalt	426	µg/kg	J	VU	160	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Copper	849	µg/kg	J	VU	321	1,070	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Iron	7,660,000	µg/kg		VU	8,550	26,700	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Lead	1,610	µg/kg		VU	353	1,070	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Magnesium	27,100	µg/kg	J	VU	9,090	32,100	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Manganese	7,830	µg/kg		VU	214	1,070	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Nickel	731	µg/kg		VU	160	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Potassium	22,600	µg/kg	J	VU	6,840	26,700	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Selenium	3,210	µg/kg	U	VU	534	3,210	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Silver	534	µg/kg	U	VU	107	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Sodium	26,700	µg/kg	U	VU	7,480	26,700	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Thallium	2,140	µg/kg	U	VU	534	2,140	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Vanadium	28,900	µg/kg		VU	107	534	µg/kg	REG
DAABFILL26	8/20/2014	EPA6010C	Zinc	1,070	µg/kg	U	VU	428	1,070	µg/kg	REG
DAABFILL26	8/20/2014	EPA7471B	Mercury	57.2	µg/kg		VU	4.08	12.2	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Aldrin	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Alpha-Chlordane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	DDT	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Endosulfan I	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Endosulfan Sulfate	0.582	µg/kg	J	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL26	8/20/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Gamma-Chlordane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Heptachlor	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Heptachlor Epoxide	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Lindane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Methoxychlor	7.51	µg/kg	U	VU	1.88	7.51	µg/kg	REG
DAABFILL26	8/20/2014	EPA8081B	Toxaphene	18.8	µg/kg	U	VU	6.25	18.8	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1016	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1221	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1232	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1242	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1248	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1254	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8082A	Aroclor 1260	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.522	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	1,4-Dioxane	52.2	µg/kg	U	VU	17.4	52.2	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	2-Hexanone	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Acetone	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Carbon Disulfide	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	M,P-Xylene	2.09	µg/kg	U	VU	0.696	2.09	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Methyl Acetate	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.22	µg/kg	U	VU	1.74	5.22	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL26	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,1'-Biphenyl	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,2-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,3-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,3-Dinitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,4-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,4-Dioxane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1,4-Naphthoquinone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	1-Naphthylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4-Dichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4-Dimethylphenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4-Dinitrophenol	751	µg/kg	U	VU	113	751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,4-Dinitrotoluene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,6-Dichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2,6-Dinitrotoluene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Acetylaminofluorene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Chloronaphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Chlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Methylnaphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Naphthylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Nitroaniline	375	µg/kg	U	VU	124	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Nitrophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	2-Picoline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	3-Methylcholanthrene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Aminobiphenyl	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Chloroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Nitrophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	375	µg/kg	U	VU	131	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Acenaphthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Acenaphthylene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Acetophenone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Aniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Aramite	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Atrazine	375	µg/kg	U	VU	150	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzaldehyde	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzo[A]Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzo[A]Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzoic Acid	751	µg/kg	U	VU	188	751	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Benzyl Alcohol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	375	µg/kg	U	VU	113	375	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL26	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Caprolactam	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Carbazole	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Chlorobenzilate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Chrysene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Diallate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Dibenzofuran	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Diethyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Dimethoate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Dimethyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Dinitro-O-Cresol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Disulfoton	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Ethyl Methacrylate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Ethyl Methanesulfonate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Famphur	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Fluorene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachlorobutadiene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachlorophene	18,800	µg/kg	U	VU	4,350	18,800	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Hexachloropropene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Isodrin	375	µg/kg	U	VU	75.1	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Isophorone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Isosafrole	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Kepone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	M/P-Cresol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Methapyrilene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Methyl Methanesulfonate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Methyl Parathion	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	M-Nitroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Naphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Dioctyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Nitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosodiethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosodimethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosomorpholine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Parathion	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	P-Chloro-M-Cresol	375	µg/kg	U	VU	150	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pentachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pentachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pentachloronitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pentachlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Phenacetin	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Phenanthrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Phenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Phorate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	P-Nitroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL26	8/20/2014	EPA8270D	P-Phenylenediamine	18,800	µg/kg	U	VU	3,750	18,800	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pronamide	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Pyridine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Safrole	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Sulfotepp	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA8270D	Thionazin	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL26	8/20/2014	EPA9012B	Cyanide	271	µg/kg	U	VU	90.5	271	µg/kg	REG
DAABFILL26	8/20/2014	RADA-001	Gross Alpha	10.6	pCi/g	J	VU	3.77	11	pCi/g	REG
DAABFILL26	8/20/2014	RADA-001	Nonvolatile Beta	8.76	pCi/g		VU	3.38	8.76	pCi/g	REG
DAABFILL27	8/18/2014	EPA6010C	Aluminum	3,960,000	µg/kg		VU	7,580	22,300	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Antimony	654	µg/kg	J	VU	368	1,110	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Arsenic	1,860	µg/kg	U	VU	557	3,340	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Barium	9,680	µg/kg		VU	111	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Beryllium	557	µg/kg	U	VU	111	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Cadmium	557	µg/kg	U	VU	111	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Calcium	142,000	µg/kg		VU	8,920	27,900	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Chromium	10,400	µg/kg		VU	167	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Cobalt	218	µg/kg	J	VU	167	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Copper	1,810	µg/kg		VU	334	1,110	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Iron	13,200,000	µg/kg		VU	8,920	27,900	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Lead	1,190	µg/kg		VU	368	1,110	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Magnesium	38,200	µg/kg		VU	9,480	33,400	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Manganese	2,160	µg/kg		VU	223	1,110	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Nickel	608	µg/kg		VU	167	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Potassium	43,600	µg/kg		VU	7,130	27,900	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Selenium	3,220	µg/kg	J	VU	557	3,340	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Silver	557	µg/kg	U	VU	111	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Sodium	27,900	µg/kg	U	VU	7,800	27,900	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Thallium	2,230	µg/kg	U	VU	557	2,230	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Vanadium	37,100	µg/kg		VU	111	557	µg/kg	REG
DAABFILL27	8/18/2014	EPA6010C	Zinc	833	µg/kg	J	VU	446	1,110	µg/kg	REG
DAABFILL27	8/18/2014	EPA7471B	Mercury	54.6	µg/kg		VU	4.2	12.6	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Aldrin	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Alpha-Chlordane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	DDD	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	DDE	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	DDT	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Dieldrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endosulfan I	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endosulfan II	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endosulfan Sulfate	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endrin Aldehyde	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Endrin Ketone	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Gamma-Chlordane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Heptachlor	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Heptachlor Epoxide	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Lindane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Methoxychlor	7.84	µg/kg	U	VU	1.96	7.84	µg/kg	REG
DAABFILL27	8/18/2014	EPA8081B	Toxaphene	19.6	µg/kg	U	VU	6.53	19.6	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1016	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1221	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1232	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1242	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1248	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1254	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8082A	Aroclor 1260	3.93	µg/kg	U	VU	1.31	3.93	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL27	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,1-Dichloroethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.16	µg/kg	U	VU	0.581	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2-Dibromoethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,2-Dichloropropane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	1,4-Dioxane	58.1	µg/kg	U	VU	19.4	58.1	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	2-Hexanone	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Acetone	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Benzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Bromochloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Bromodichloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Carbon Disulfide	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Carbon Tetrachloride	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Chlorobenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Chloroform	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Cyclohexane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Dibromochloromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Ethylbenzene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	M,P-Xylene	2.33	µg/kg	U	VU	0.776	2.33	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Methyl Acetate	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.81	µg/kg	U	VU	1.94	5.81	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Methylcyclohexane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	O-Xylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Styrene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Toluene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8260B	Trichlorofluoromethane	1.16	µg/kg	U	VU	0.387	1.16	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,1'-Biphenyl	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,2-Dichlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,3-Dichlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,3-Dinitrobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,4-Dichlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,4-Dioxane	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1,4-Naphthoquinone	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	1-Naphthylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL27	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,4-Dichlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,4-Dimethylphenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,4-Dinitrophenol	791	µg/kg	U	VU	119	791	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,4-Dinitrotoluene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,6-Dichlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2,6-Dinitrotoluene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Acetylaminofluorene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Chloronaphthalene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Chlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Methylnaphthalene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Naphthylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Nitroaniline	395	µg/kg	U	VU	130	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Nitrophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	2-Picoline	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	3-Methylcholanthrene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Aminobiphenyl	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Chloroaniline	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Nitrophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	395	µg/kg	U	VU	138	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Acenaphthene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Acenaphthylene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Acetophenone	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Aniline	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Anthracene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Aramite	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Atrazine	395	µg/kg	U	VU	158	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzaldehyde	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzo[A]Anthracene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzo[A]Pyrene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzoic Acid	791	µg/kg	U	VU	198	791	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Benzyl Alcohol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Caprolactam	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Carbazole	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Chlorobenzilate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Chrysene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Diallate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Dibenzofuran	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Diethyl Phthalate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Dimethoate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Dimethyl Phthalate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Dinitro-O-Cresol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Disulfoton	395	µg/kg	U	VU	119	395	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL27	8/18/2014	EPA8270D	Ethyl Methacrylate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Ethyl Methanesulfonate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Famphur	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Fluoranthene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Fluorene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachlorobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachlorobutadiene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachloroethane	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachlorophene	19,800	µg/kg	U	VU	4,590	19,800	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Hexachloropropene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Isodrin	395	µg/kg	U	VU	79.1	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Isophorone	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Isosafrole	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Kepone	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	M/P-Cresol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Methapyrilene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Methyl Methanesulfonate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Methyl Parathion	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	M-Nitroaniline	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Naphthalene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Dioctyl Phthalate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Nitrobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosodiethylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosodimethylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosomorpholine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Parathion	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	P-Chloro-M-Cresol	395	µg/kg	U	VU	158	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pentachloroethane	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pentachloroethane	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pentachloronitrobenzene	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pentachlorophenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Phenacetin	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Phenanthrene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Phenol	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Phorate	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	P-Nitroaniline	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	P-Phenylenediamine	19,800	µg/kg	U	VU	3,950	19,800	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pronamide	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pyrene	39.5	µg/kg	U	VU	11.9	39.5	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Pyridine	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Safrole	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Sulfotepp	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA8270D	Thionazin	395	µg/kg	U	VU	119	395	µg/kg	REG
DAABFILL27	8/18/2014	EPA9012B	Cyanide	243	µg/kg	U	VU	81.2	243	µg/kg	REG
DAABFILL27	8/18/2014	RADA-001	Gross Alpha	11	pCi/g	J	VU	3.92	11.8	pCi/g	REG
DAABFILL27	8/18/2014	RADA-001	Nonvolatile Beta	6.1	pCi/g	J	VU	3.39	8.39	pCi/g	REG
DAABFILL28	8/18/2014	EPA6010C	Aluminum	2,550,000	µg/kg		VU	6,840	20,100	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Antimony	1,010	µg/kg	U	VU	332	1,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Arsenic	3,020	µg/kg	U	VU	503	3,020	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Barium	19,500	µg/kg		VU	101	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Beryllium	503	µg/kg	U	VU	101	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Cadmium	503	µg/kg	U	VU	101	503	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL28	8/18/2014	EPA6010C	Calcium	37,700	µg/kg		VU	8,040	25,100	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Chromium	1,950	µg/kg		VU	151	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Cobalt	570	µg/kg		VU	151	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Copper	1,670	µg/kg		VU	302	1,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Iron	1,850,000	µg/kg		VU	8,040	25,100	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Lead	1,770	µg/kg		VU	332	1,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Magnesium	64,600	µg/kg		VU	8,550	30,200	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Manganese	15,000	µg/kg		VU	201	1,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Nickel	760	µg/kg		VU	151	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Potassium	34,900	µg/kg		VU	6,440	25,100	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Selenium	3,100	µg/kg		VU	503	3,020	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Silver	503	µg/kg	U	VU	101	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Sodium	25,100	µg/kg	U	VU	7,040	25,100	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Thallium	2,010	µg/kg	U	VU	503	2,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Vanadium	3,300	µg/kg		VU	101	503	µg/kg	REG
DAABFILL28	8/18/2014	EPA6010C	Zinc	1,410	µg/kg		VU	402	1,010	µg/kg	REG
DAABFILL28	8/18/2014	EPA7471B	Mercury	20.2	µg/kg		VU	4.12	12.3	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Aldrin	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Alpha-Chlordane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	DDD	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	DDE	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	DDT	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Dieldrin	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endosulfan I	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endosulfan II	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endosulfan Sulfate	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endrin	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endrin Aldehyde	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Endrin Ketone	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Gamma-Chlordane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Heptachlor	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Heptachlor Epoxide	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Lindane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Methoxychlor	6.92	µg/kg	U	VU	1.73	6.92	µg/kg	REG
DAABFILL28	8/18/2014	EPA8081B	Toxaphene	17.3	µg/kg	U	VU	5.76	17.3	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1016	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1221	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1232	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1242	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1248	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1254	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8082A	Aroclor 1260	3.49	µg/kg	U	VU	1.16	3.49	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.527	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	1,4-Dioxane	52.7	µg/kg	U	VU	17.6	52.7	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	2-Hexanone	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Acetone	25.8	µg/kg		VU	1.76	5.27	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL28	8/18/2014	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Carbon Disulfide	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	M,P-Xylene	2.11	µg/kg	U	VU	0.703	2.11	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Methyl Acetate	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Methyl Ethyl Ketone	2.26	µg/kg	J	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.27	µg/kg	U	VU	1.76	5.27	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,1'-Biphenyl	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,2-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,3-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,3-Dinitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,4-Dichlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,4-Dioxane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1,4-Naphthoquinone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	1-Naphthylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4-Dichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4-Dimethylphenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4-Dinitrophenol	700	µg/kg	U	VU	105	700	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,4-Dinitrotoluene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,6-Dichlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2,6-Dinitrotoluene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Acetylaminofluorene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Chloronaphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Chlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Methylnaphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Naphthylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Nitroaniline	350	µg/kg	U	VU	115	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	2-Nitrophenol	350	µg/kg	U	VU	105	350	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL28	8/18/2014	EPA8270D	2-Picoline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	3-Methylcholanthrene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Aminobiphenyl	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Chloroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Nitrophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	350	µg/kg	U	VU	122	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Acenaphthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Acenaphthylene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Acetophenone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Aniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Aramite	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Atrazine	350	µg/kg	U	VU	140	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzaldehyde	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzo[A]Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzo[A]Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzoic Acid	700	µg/kg	U	VU	175	700	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Benzyl Alcohol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Caprolactam	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Carbazole	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Chlorobenzilate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Chrysene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Diallate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Dibenzofuran	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Diethyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Dimethoate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Dimethyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Dinitro-O-Cresol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Disulfoton	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Ethyl Methacrylate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Ethyl Methanesulfonate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Famphur	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Fluoranthene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Fluorene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachlorobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachlorobutadiene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachlorophene	17500	µg/kg	U	VU	4,060	17,500	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Hexachloropropene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Isodrin	350	µg/kg	U	VU	70	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Isophorone	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Isosafrole	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Kepone	350	µg/kg	U	VU	105	350	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL28	8/18/2014	EPA8270D	M/P-Cresol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Methapyrilene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Methyl Methanesulfonate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Methyl Parathion	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	M-Nitroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Naphthalene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Dioctyl Phthalate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Nitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosodiethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosodimethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosomorpholine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Parathion	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	P-Chloro-M-Cresol	350	µg/kg	U	VU	140	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pentachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pentachloroethane	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pentachloronitrobenzene	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pentachlorophenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Phenacetin	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Phenanthrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Phenol	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Phorate	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	P-Nitroaniline	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	P-Phenylenediamine	17,500	µg/kg	U	VU	3,500	17,500	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pronamide	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pyrene	35	µg/kg	U	VU	10.5	35	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Pyridine	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Safrole	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Sulfotepp	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA8270D	Thionazin	350	µg/kg	U	VU	105	350	µg/kg	REG
DAABFILL28	8/18/2014	EPA9012B	Cyanide	258	µg/kg	U	VU	86.3	258	µg/kg	REG
DAABFILL28	8/18/2014	RADA-001	Gross Alpha	7.25	pCi/g	J	VU	3.81	11	pCi/g	REG
DAABFILL28	8/18/2014	RADA-001	Nonvolatile Beta	14.8	pCi/g		VU	4.55	12.1	pCi/g	REG
DAABFILL29	8/18/2014	EPA6010C	Aluminum	1,850,000	µg/kg		VU	7,640	22,500	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Antimony	1,120	µg/kg	U	VU	371	1,120	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Arsenic	33,700	µg/kg	U	VU	5,620	33,700	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Barium	7,980	µg/kg		VU	112	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Beryllium	562	µg/kg	U	VU	112	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Cadmium	562	µg/kg	U	VU	112	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Calcium	49,300	µg/kg		VU	8,990	28,100	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Chromium	2,050	µg/kg		VU	169	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Cobalt	1,370	µg/kg		VU	169	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Copper	708	µg/kg	J	VU	337	1,120	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Iron	1,540,000	µg/kg		VU	8,990	28,100	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Lead	449	µg/kg	J	VU	371	1,120	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Magnesium	33,700	µg/kg		VU	9,550	33,700	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Manganese	19,600	µg/kg		VU	225	1,120	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Nickel	532	µg/kg	J	VU	169	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Potassium	29,800	µg/kg		VU	7,190	28,100	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Selenium	4,450	µg/kg		VU	562	3,370	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Silver	562	µg/kg	U	VU	112	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Sodium	28,100	µg/kg	U	VU	7,860	28,100	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Thallium	2,250	µg/kg	U	VU	562	2,250	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Vanadium	3,500	µg/kg		VU	112	562	µg/kg	REG
DAABFILL29	8/18/2014	EPA6010C	Zinc	1,080	µg/kg	J	VU	449	1,120	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL29	8/18/2014	EPA7471B	Mercury	21.6	µg/kg		VU	4	11.9	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Aldrin	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Alpha-Chlordane	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	DDD	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	DDE	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	DDT	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Dieldrin	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endosulfan I	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endosulfan II	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endosulfan Sulfate	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endrin	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endrin Aldehyde	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Endrin Ketone	1.54	µg/kg	U	VU	0.385	1.54	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Gamma-Chlordane	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Heptachlor	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Heptachlor Epoxide	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Lindane	0.769	µg/kg	U	VU	0.192	0.769	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Methoxychlor	7.69	µg/kg	U	VU	1.92	7.69	µg/kg	REG
DAABFILL29	8/18/2014	EPA8081B	Toxaphene	19.2	µg/kg	U	VU	6.4	19.2	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1016	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1221	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1232	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1242	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1248	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1254	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8082A	Aroclor 1260	3.82	µg/kg	U	VU	1.27	3.82	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1-Dichloroethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.14	µg/kg	U	VU	0.568	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2-Dibromoethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,2-Dichloropropane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	1,4-Dioxane	56.8	µg/kg	U	VU	18.9	56.8	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	2-Hexanone	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Acetone	2.28	µg/kg	J	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Benzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Bromochloromethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Bromodichloromethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Carbon Disulfide	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Carbon Tetrachloride	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Chlorobenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Chloroform	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Cyclohexane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL29	8/18/2014	EPA8260B	Dibromochloromethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Ethylbenzene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	M,P-Xylene	2.27	µg/kg	U	VU	0.758	2.27	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Methyl Acetate	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.68	µg/kg	U	VU	1.89	5.68	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Methylcyclohexane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	O-Xylene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Styrene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Toluene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8260B	Trichlorofluoromethane	1.14	µg/kg	U	VU	0.378	1.14	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,1'-Biphenyl	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,2-Dichlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,3-Dichlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,3-Dinitrobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,4-Dichlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,4-Dioxane	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1,4-Naphthoquinone	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	1-Naphthylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4-Dichlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4-Dimethylphenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4-Dinitrophenol	767	µg/kg	U	VU	115	767	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,4-Dinitrotoluene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,6-Dichlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2,6-Dinitrotoluene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Acetylaminofluorene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Chloronaphthalene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Chlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Methylnaphthalene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Naphthylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Nitroaniline	383	µg/kg	U	VU	127	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Nitrophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	2-Picoline	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	3-Methylcholanthrene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Aminobiphenyl	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Chloroaniline	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Nitrophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	383	µg/kg	U	VU	134	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Acenaphthene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Acenaphthylene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Acetophenone	383	µg/kg	U	VU	115	383	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL29	8/18/2014	EPA8270D	Aniline	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Anthracene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Aramite	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Atrazine	383	µg/kg	U	VU	153	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzaldehyde	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzidine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzo[A]Anthracene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzo[A]Pyrene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzoic Acid	767	µg/kg	U	VU	192	767	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Benzyl Alcohol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Caprolactam	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Carbazole	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Chlorobenzilate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Chrysene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Diallate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Dibenzofuran	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Diethyl Phthalate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Dimethoate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Dimethyl Phthalate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Dinitro-O-Cresol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Disulfoton	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Ethyl Methacrylate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Ethyl Methanesulfonate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Famphur	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Fluoranthene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Fluorene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachlorobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachlorobutadiene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachloroethane	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachlorophene	19,200	µg/kg	U	VU	4,450	19,200	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Hexachloropropene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Isodrin	383	µg/kg	U	VU	76.7	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Isophorone	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Isosafrole	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Kepone	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	M/P-Cresol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Methapyrilene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Methyl Methanesulfonate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Methyl Parathion	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	M-Nitroaniline	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Naphthalene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Dioctyl Phthalate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Nitrobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosodiethylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosodimethylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosomorpholine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	383	µg/kg	U	VU	115	383	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL29	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Parathion	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	P-Chloro-M-Cresol	383	µg/kg	U	VU	153	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pentachloroethane	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pentachloroethane	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pentachloronitrobenzene	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pentachlorophenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Phenacetin	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Phenanthrene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Phenol	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Phorate	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	P-Nitroaniline	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	P-Phenylenediamine	19,200	µg/kg	U	VU	3,830	19,200	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pronamide	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pyrene	38.3	µg/kg	U	VU	11.5	38.3	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Pyridine	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Safrole	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Sulfotepp	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA8270D	Thionazin	383	µg/kg	U	VU	115	383	µg/kg	REG
DAABFILL29	8/18/2014	EPA9012B	Cyanide	230	µg/kg	U	VU	76.8	230	µg/kg	REG
DAABFILL29	8/18/2014	RADA-001	Gross Alpha	7.47	pCi/g	J	VU	3.93	10.9	pCi/g	REG
DAABFILL29	8/18/2014	RADA-001	Nonvolatile Beta	3.69	pCi/g	U	VU	4.51	10.1	pCi/g	REG
DAABFILL30	8/18/2014	EPA6010C	Aluminum	2,170,000	µg/kg		VU	7,230	21,300	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Antimony	1,060	µg/kg	U	VU	351	1,060	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Arsenic	3,190	µg/kg	U	VU	532	3,190	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Barium	6,350	µg/kg		VU	106	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Beryllium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Cadmium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Calcium	62,400	µg/kg		VU	8,510	26,600	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Chromium	2,050	µg/kg		VU	160	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Cobalt	279	µg/kg	J	VU	160	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Copper	777	µg/kg	J	VU	319	1,060	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Iron	2,120,000	µg/kg		VU	8,510	26,600	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Lead	779	µg/kg	J	VU	351	1,060	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Magnesium	31,300	µg/kg	J	VU	9,040	31,900	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Manganese	5,240	µg/kg		VU	213	1,060	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Nickel	605	µg/kg		VU	160	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Potassium	32,600	µg/kg		VU	6,810	26,600	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Selenium	3,630	µg/kg		VU	532	3,190	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Silver	532	µg/kg	U	VU	106	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Sodium	26,600	µg/kg	U	VU	7,450	26,600	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Thallium	2,130	µg/kg	U	VU	532	2,130	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Vanadium	4,530	µg/kg		VU	106	532	µg/kg	REG
DAABFILL30	8/18/2014	EPA6010C	Zinc	1,110	µg/kg		VU	425	1,060	µg/kg	REG
DAABFILL30	8/18/2014	EPA7471B	Mercury	39.2	µg/kg		VU	4.73	14.1	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Aldrin	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Alpha-Chlordane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	DDD	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	DDE	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	DDT	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Dieldrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endosulfan I	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endosulfan II	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endosulfan Sulfate	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endrin Aldehyde	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Endrin Ketone	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL30	8/18/2014	EPA8081B	Gamma-Chlordane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Heptachlor	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Heptachlor Epoxide	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Lindane	0.784	µg/kg	U	VU	0.196	0.784	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Methoxychlor	7.84	µg/kg	U	VU	1.96	7.84	µg/kg	REG
DAABFILL30	8/18/2014	EPA8081B	Toxaphene	19.6	µg/kg	U	VU	6.53	19.6	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1016	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1221	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1232	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1242	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1248	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1254	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8082A	Aroclor 1260	3.92	µg/kg	U	VU	1.3	3.92	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1-Dichloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.12	µg/kg	U	VU	0.558	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2-Dibromoethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,2-Dichloropropane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	1,4-Dioxane	55.8	µg/kg	U	VU	18.6	55.8	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	2-Hexanone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Acetone	2.76	µg/kg	J	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Benzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Bromochloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Bromodichloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Carbon Disulfide	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Carbon Tetrachloride	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Chlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Chloroform	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Cyclohexane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Dibromochloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Ethylbenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	M,P-Xylene	2.23	µg/kg	U	VU	0.744	2.23	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Methyl Acetate	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Methylcyclohexane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	O-Xylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Styrene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Toluene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL30	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8260B	Trichlorofluoromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,1'-Biphenyl	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,2-Dichlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,3-Dichlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,3-Dinitrobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,4-Dichlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,4-Dioxane	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1,4-Naphthoquinone	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	1-Naphthylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4-Dichlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4-Dimethylphenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4-Dinitrophenol	785	µg/kg	U	VU	118	785	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,4-Dinitrotoluene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,6-Dichlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2,6-Dinitrotoluene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Acetylaminofluorene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Chloronaphthalene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Chlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Methylnaphthalene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Naphthylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Nitroaniline	393	µg/kg	U	VU	130	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Nitrophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	2-Picoline	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	3-Methylcholanthrene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Aminobiphenyl	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Chloroaniline	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Nitrophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	393	µg/kg	U	VU	137	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Acenaphthene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Acenaphthylene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Acetophenone	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Aniline	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Anthracene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Aramite	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Atrazine	393	µg/kg	U	VU	157	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzaldehyde	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzo[A]Anthracene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzo[A]Pyrene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzoic Acid	785	µg/kg	U	VU	196	785	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Benzyl Alcohol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	393	µg/kg	U	VU	118	393	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL30	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Caprolactam	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Carbazole	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Chlorobenzilate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Chrysene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Diallate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Dibenzofuran	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Diethyl Phthalate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Dimethoate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Dimethyl Phthalate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Dinitro-O-Cresol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Disulfoton	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Ethyl Methacrylate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Ethyl Methanesulfonate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Famphur	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Fluoranthene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Fluorene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachlorobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachlorobutadiene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachloroethane	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachlorophene	19,600	µg/kg	U	VU	4,560	19,600	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Hexachloropropene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Isodrin	393	µg/kg	U	VU	78.5	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Isophorone	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Isosafrole	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Kepone	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	M/P-Cresol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Methapyrilene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Methyl Methanesulfonate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Methyl Parathion	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	M-Nitroaniline	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Naphthalene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Dioctyl Phthalate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Nitrobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosodiethylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosodimethylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosomorpholine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Parathion	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	P-Chloro-M-Cresol	393	µg/kg	U	VU	157	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pentachloroethane	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pentachloroethane	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pentachloronitrobenzene	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pentachlorophenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Phenacetin	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Phenanthrene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Phenol	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Phorate	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	P-Nitroaniline	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	P-Phenylenediamine	19,600	µg/kg	U	VU	3,930	19,600	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL30	8/18/2014	EPA8270D	Pronamide	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pyrene	39.3	µg/kg	U	VU	11.8	39.3	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Pyridine	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Safrole	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Sulfotepp	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA8270D	Thionazin	393	µg/kg	U	VU	118	393	µg/kg	REG
DAABFILL30	8/18/2014	EPA9012B	Cyanide	290	µg/kg	U	VU	96.8	290	µg/kg	REG
DAABFILL30	8/18/2014	RADA-001	Gross Alpha	7.39	pCi/g	J	VU	3.99	9.67	pCi/g	REG
DAABFILL30	8/18/2014	RADA-001	Nonvolatile Beta	3.91	pCi/g	J	VU	2.26	5.22	pCi/g	REG
DAABFILL31	8/18/2014	EPA6010C	Aluminum	1,370,000	µg/kg		VU	7,150	21,000	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Antimony	472	µg/kg	J	VU	347	1,050	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Arsenic	31,600	µg/kg	U	VU	5,260	31,600	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Barium	10,700	µg/kg		VU	105	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Beryllium	526	µg/kg	U	VU	105	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Cadmium	526	µg/kg	U	VU	105	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Calcium	23,000	µg/kg	J	VU	8,410	26,300	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Chromium	1,100	µg/kg		VU	158	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Cobalt	567	µg/kg		VU	158	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Copper	585	µg/kg	J	VU	316	1,050	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Iron	1,250,000	µg/kg		VU	8,410	26,300	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Lead	888	µg/kg	J	VU	347	1,050	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Magnesium	28,000	µg/kg	J	VU	8,940	31,600	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Manganese	82,300	µg/kg		VU	210	1,050	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Nickel	433	µg/kg	J	VU	158	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Potassium	21,700	µg/kg	J	VU	6,730	26,300	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Selenium	4,650	µg/kg		VU	526	3,160	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Silver	526	µg/kg	U	VU	105	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Sodium	26,300	µg/kg	U	VU	7,360	26,300	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Thallium	2,100	µg/kg	U	VU	526	2,100	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Vanadium	2,510	µg/kg		VU	105	526	µg/kg	REG
DAABFILL31	8/18/2014	EPA6010C	Zinc	906	µg/kg	J	VU	421	1,050	µg/kg	REG
DAABFILL31	8/18/2014	EPA7471B	Mercury	26.3	µg/kg		VU	4.12	12.3	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Aldrin	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Alpha-Chlordane	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	DDD	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	DDE	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	DDT	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Dieldrin	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endosulfan I	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endosulfan II	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endosulfan Sulfate	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endrin	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endrin Aldehyde	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Endrin Ketone	1.41	µg/kg	U	VU	0.353	1.41	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Gamma-Chlordane	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Heptachlor	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Heptachlor Epoxide	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Lindane	0.706	µg/kg	U	VU	0.177	0.706	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Methoxychlor	7.06	µg/kg	U	VU	1.77	7.06	µg/kg	REG
DAABFILL31	8/18/2014	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.88	17.7	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1016	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1221	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1232	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1242	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1248	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1254	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8082A	Aroclor 1260	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,1,1-Trchloroethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL31	8/18/2014	EPA8260B	1,1,2-Trichloroethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,1-Dichloroethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,1-Dichloroethylene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.997	µg/kg	U	VU	0.499	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2-Dibromoethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2-Dichlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,2-Dichloropropane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,3-Dichlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,4-Dichlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	1,4-Dioxane	49.9	µg/kg	U	VU	16.6	49.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	2-Hexanone	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Acetone	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Benzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Bromochloromethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Bromodichloromethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Carbon Disulfide	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Carbon Tetrachloride	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Chlorobenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Chloroform	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Cyclohexane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Dibromochloromethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Dichlorodifluoromethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Ethylbenzene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	M,P-Xylene	1.99	µg/kg	U	VU	0.665	1.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Methyl Acetate	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Methyl Ethyl Ketone	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	4.99	µg/kg	U	VU	1.66	4.99	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Methylcyclohexane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	O-Xylene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Styrene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Toluene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Trichloroethylene (TCE)	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8260B	Trichlorofluoromethane	0.997	µg/kg	U	VU	0.332	0.997	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,1'-Biphenyl	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,2-Dichlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,3-Dichlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,3-Dinitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,4-Dichlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,4-Dioxane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1,4-Naphthoquinone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	1-Naphthylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL31	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,4-Dichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,4-Dimethylphenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,4-Dinitrophenol	717	µg/kg	U	VU	108	717	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,4-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,6-Dichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2,6-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Acetylaminofluorene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Chloronaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Chlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Methylnaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Naphthylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Nitroaniline	359	µg/kg	U	VU	118	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	2-Picoline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	3-Methylcholanthrene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Aminobiphenyl	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Chloroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	359	µg/kg	U	VU	125	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Acenaphthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Acenaphthylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Acetophenone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Aniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Aramite	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Atrazine	359	µg/kg	U	VU	143	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzaldehyde	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzo[A]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzo[A]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzoic Acid	717	µg/kg	U	VU	179	717	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Benzyl Alcohol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Caprolactam	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Carbazole	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Chlorobenzilate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Chrysene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Diallate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Dibenzofuran	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Diethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Dimethoate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Dimethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Dinitro-O-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Disulfoton	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Ethyl Methacrylate	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL31	8/18/2014	EPA8270D	Ethyl Methanesulfonate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Famphur	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Fluorene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachlorobutadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachlorophene	17,900	µg/kg	U	VU	4,160	17,900	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Hexachloropropene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Isodrin	359	µg/kg	U	VU	71.7	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Isophorone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Isosafrole	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Kepone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	M/P-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Methapyrilene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Methyl Methanesulfonate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Methyl Parathion	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	M-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Naphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Dioctyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Nitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosodiethylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosodimethylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosomorpholine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Parathion	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	P-Chloro-M-Cresol	359	µg/kg	U	VU	143	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pentachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pentachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pentachloronitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pentachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Phenacetin	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Phenanthrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Phenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Phorate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	P-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	P-Phenylenediamine	17,900	µg/kg	U	VU	3,590	17,900	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pronamide	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Pyridine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Safrole	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Sulfotepp	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA8270D	Thionazin	359	µg/kg	U	VU	108	359	µg/kg	REG
DAABFILL31	8/18/2014	EPA9012B	Cyanide	254	µg/kg	U	VU	84.8	254	µg/kg	REG
DAABFILL31	8/18/2014	RADA-001	Gross Alpha	1.56	pCi/g	U	VU	3.73	8.11	pCi/g	REG
DAABFILL31	8/18/2014	RADA-001	Nonvolatile Beta	5.25	pCi/g	J	VU	3	7.48	pCi/g	REG
DAABFILL32	8/20/2014	EPA6010C	Aluminum	2,270,000	µg/kg		VU	7,400	21,800	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Antimony	5,440	µg/kg	U	VU	1,800	5,440	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Arsenic	6,030	µg/kg		VU	544	3,260	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Barium	4,580	µg/kg		VU	109	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Beryllium	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Cadmium	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Calcium	21,700	µg/kg	J	VU	8,710	27,200	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL32	8/20/2014	EPA6010C	Chromium	12,400	µg/kg		VU	163	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Cobalt	592	µg/kg		VU	163	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Copper	667	µg/kg	J	VU	326	1,090	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Iron	13,900,000	µg/kg		VU	8,710	27,200	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Lead	1,700	µg/kg		VU	359	1,090	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Magnesium	22,500	µg/kg	J	VU	9,250	32,600	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Manganese	4,510	µg/kg		VU	218	1,090	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Nickel	770	µg/kg		VU	163	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Potassium	18,400	µg/kg	J	VU	6,960	27,200	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Selenium	3,260	µg/kg	U	VU	544	3,260	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Silver	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Sodium	27,200	µg/kg	U	VU	7,620	27,200	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Thallium	2,180	µg/kg	U	VU	544	2,180	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Vanadium	33,700	µg/kg		VU	109	544	µg/kg	REG
DAABFILL32	8/20/2014	EPA6010C	Zinc	1,090	µg/kg	U	VU	435	1,090	µg/kg	REG
DAABFILL32	8/20/2014	EPA7471B	Mercury	79.8	µg/kg		VU	4.51	13.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Aldrin	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Alpha-Chlordane	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	DDT	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endosulfan I	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endosulfan Sulfate	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Gamma-Chlordane	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Heptachlor	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Heptachlor Epoxide	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Lindane	0.749	µg/kg	U	VU	0.187	0.749	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Methoxychlor	7.49	µg/kg	U	VU	1.87	7.49	µg/kg	REG
DAABFILL32	8/20/2014	EPA8081B	Toxaphene	18.7	µg/kg	U	VU	6.23	18.7	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1016	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1221	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1232	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1242	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1248	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1254	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8082A	Aroclor 1260	3.73	µg/kg	U	VU	1.24	3.73	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1-Dichloroethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.1	µg/kg	U	VU	0.55	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2-Dibromoethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,2-Dichloropropane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	1,4-Dioxane	55	µg/kg	U	VU	18.4	55	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	2-Hexanone	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Acetone	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Benzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL32	8/20/2014	EPA8260B	Bromochloromethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Bromodichloromethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Carbon Disulfide	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Carbon Tetrachloride	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Chlorobenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Chloroform	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Cyclohexane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Dibromochloromethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Ethylbenzene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	M,P-Xylene	2.2	µg/kg	U	VU	0.734	2.2	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Methyl Acetate	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.5	µg/kg	U	VU	1.84	5.5	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Methylcyclohexane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	O-Xylene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Styrene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Toluene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8260B	Trichlorofluoromethane	1.1	µg/kg	U	VU	0.367	1.1	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,1'-Biphenyl	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,2-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,3-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,3-Dinitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,4-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,4-Dioxane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1,4-Naphthoquinone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	1-Naphthylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4-Dichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4-Dimethylphenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4-Dinitrophenol	746	µg/kg	U	VU	112	746	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,4-Dinitrotoluene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,6-Dichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2,6-Dinitrotoluene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Acetylaminofluorene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Chloronaphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Chlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Methylnaphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Naphthylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Nitroaniline	373	µg/kg	U	VU	123	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Nitrophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	2-Picoline	373	µg/kg	U	VU	112	373	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL32	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	3-Methylcholanthrene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Aminobiphenyl	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Chloroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Nitrophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	373	µg/kg	U	VU	131	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Acenaphthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Acenaphthylene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Acetophenone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Aniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Aramite	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Atrazine	373	µg/kg	U	VU	149	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzaldehyde	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzo[A]Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzo[A]Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzoic Acid	746	µg/kg	U	VU	187	746	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Benzyl Alcohol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Caprolactam	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Carbazole	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Chlorobenzilate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Chrysene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Diallate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Dibenzofuran	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Diethyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Dimethoate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Dimethyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Dinitro-O-Cresol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Disulfoton	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Ethyl Methacrylate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Ethyl Methanesulfonate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Famphur	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Fluorene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachlorobutadiene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachlorophene	18,700	µg/kg	U	VU	4,330	18,700	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Hexachloropropene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Isodrin	373	µg/kg	U	VU	74.6	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Isophorone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Isosafrole	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Kepone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	M/P-Cresol	373	µg/kg	U	VU	112	373	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL32	8/20/2014	EPA8270D	Methapyrilene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Methyl Methanesulfonate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Methyl Parathion	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	M-Nitroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Naphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Dioctyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Nitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosodiethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosodimethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosomorpholine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Parathion	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	P-Chloro-M-Cresol	373	µg/kg	U	VU	149	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pentachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pentachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pentachloronitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pentachlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Phenacetin	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Phenanthrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Phenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Phorate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	P-Nitroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	P-Phenylenediamine	18,700	µg/kg	U	VU	3,730	18,700	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pronamide	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Pyridine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Safrole	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Sulfotepp	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA8270D	Thionazin	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL32	8/20/2014	EPA9012B	Cyanide	238	µg/kg	U	VU	79.5	238	µg/kg	REG
DAABFILL32	8/20/2014	RADA-001	Gross Alpha	17.8	pCi/g		VU	3.86	13.9	pCi/g	REG
DAABFILL32	8/20/2014	RADA-001	Nonvolatile Beta	23.2	pCi/g		VU	4.23	12.8	pCi/g	REG
DAABFILL33	8/20/2014	EPA6010C	Aluminum	1,870,000	µg/kg		VU	7,020	20,600	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	340	1,030	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Arsenic	31,000	µg/kg	U	VU	5,160	31,000	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Barium	10,200	µg/kg		VU	103	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Beryllium	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Cadmium	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Calcium	23,900	µg/kg	J	VU	8,250	25,800	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Chromium	1,540	µg/kg		VU	155	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Cobalt	618	µg/kg		VU	155	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Copper	627	µg/kg	J	VU	310	1,030	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Iron	1,610,000	µg/kg		VU	8,250	25,800	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Lead	1,130	µg/kg		VU	340	1,030	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Magnesium	36,900	µg/kg		VU	8,770	31,000	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Manganese	55,500	µg/kg		VU	206	1,030	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Nickel	635	µg/kg		VU	155	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Potassium	35,000	µg/kg		VU	6,600	25,800	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Selenium	3,700	µg/kg		VU	516	3,100	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Silver	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Sodium	25,800	µg/kg	U	VU	7,220	25,800	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Thallium	2,060	µg/kg	U	VU	516	2,060	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Vanadium	3,290	µg/kg		VU	103	516	µg/kg	REG
DAABFILL33	8/20/2014	EPA6010C	Zinc	1,180	µg/kg		VU	413	1,030	µg/kg	REG
DAABFILL33	8/20/2014	EPA7471B	Mercury	24.1	µg/kg		VU	3.81	11.4	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL33	8/20/2014	EPA8081B	Aldrin	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Alpha-Chlordane	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	DDD	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	DDE	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	DDT	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Dieldrin	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endosulfan I	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endosulfan II	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endosulfan Sulfate	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endrin	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endrin Aldehyde	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Endrin Ketone	1.37	µg/kg	U	VU	0.344	1.37	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Gamma-Chlordane	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Heptachlor	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Heptachlor Epoxide	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Lindane	0.687	µg/kg	U	VU	0.172	0.687	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Methoxychlor	6.87	µg/kg	U	VU	1.72	6.87	µg/kg	REG
DAABFILL33	8/20/2014	EPA8081B	Toxaphene	17.2	µg/kg	U	VU	5.72	17.2	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1016	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1221	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1232	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1242	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1248	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1254	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8082A	Aroclor 1260	3.43	µg/kg	U	VU	1.14	3.43	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.526	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	1,4-Dioxane	52.6	µg/kg	U	VU	17.5	52.6	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	2-Hexanone	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Acetone	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Carbon Disulfide	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL33	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	M,P-Xylene	2.11	µg/kg	U	VU	0.702	2.11	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Methyl Acetate	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.26	µg/kg	U	VU	1.76	5.26	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.351	1.05	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,1'-Biphenyl	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,2-Dichlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,3-Dichlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,3-Dinitrobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,4-Dichlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,4-Dioxane	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1,4-Naphthoquinone	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	1-Naphthylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4-Dichlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4-Dimethylphenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4-Dinitrophenol	688	µg/kg	U	VU	103	688	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,4-Dinitrotoluene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,6-Dichlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2,6-Dinitrotoluene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Acetylaminofluorene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Chloronaphthalene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Chlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Methylnaphthalene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Naphthylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Nitroaniline	344	µg/kg	U	VU	113	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Nitrophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	2-Picoline	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	3-Methylcholanthrene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Aminobiphenyl	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Chloroaniline	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Nitrophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	344	µg/kg	U	VU	120	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Acenaphthene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Acenaphthylene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Acetophenone	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Aniline	344	µg/kg	U	VU	103	344	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL33	8/20/2014	EPA8270D	Anthracene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Aramite	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Atrazine	344	µg/kg	U	VU	138	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzaldehyde	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzidine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzo[A]Anthracene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzo[A]Pyrene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzoic Acid	688	µg/kg	U	VU	172	688	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Benzyl Alcohol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Caprolactam	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Carbazole	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Chlorobenzilate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Chrysene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Diallate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Dibenzofuran	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Diethyl Phthalate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Dimethoate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Dimethyl Phthalate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Dinitro-O-Cresol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Disulfoton	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Ethyl Methacrylate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Ethyl Methanesulfonate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Famphur	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Fluoranthene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Fluorene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachlorobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachlorobutadiene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachloroethane	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachlorophene	17,200	µg/kg	U	VU	3,990	17,200	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Hexachloropropene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Isodrin	344	µg/kg	U	VU	68.8	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Isophorone	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Isosafrole	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Kepone	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	M/P-Cresol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Methapyrilene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Methyl Methanesulfonate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Methyl Parathion	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	M-Nitroaniline	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Naphthalene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Dioctyl Phthalate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Nitrobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosodiethylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosodimethylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosomorpholine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	344	µg/kg	U	VU	103	344	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL33	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Parathion	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	P-Chloro-M-Cresol	344	µg/kg	U	VU	138	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pentachloroethane	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pentachloroethane	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pentachloronitrobenzene	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pentachlorophenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Phenacetin	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Phenanthrene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Phenol	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Phorate	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	P-Nitroaniline	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	P-Phenylenediamine	17,200	µg/kg	U	VU	3,440	17,200	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pronamide	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pyrene	34.4	µg/kg	U	VU	10.3	34.4	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Pyridine	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Safrole	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Sulfotepp	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA8270D	Thionazin	344	µg/kg	U	VU	103	344	µg/kg	REG
DAABFILL33	8/20/2014	EPA9012B	Cyanide	235	µg/kg	U	VU	78.3	235	µg/kg	REG
DAABFILL33	8/20/2014	RADA-001	Gross Alpha	5.72	pCi/g	J	VU	3.91	9.65	pCi/g	REG
DAABFILL33	8/20/2014	RADA-001	Nonvolatile Beta	0.979	pCi/g	U	VU	3.97	8.67	pCi/g	REG
DAABFILL34	8/20/2014	EPA6010C	Aluminum	3,370,000	µg/kg		VU	6,920	20,400	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Antimony	1,020	µg/kg	U	VU	336	1,020	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Arsenic	6,140	µg/kg		VU	509	3,050	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Barium	11,700	µg/kg		VU	102	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Beryllium	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Cadmium	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Calcium	115,000	µg/kg		VU	8,140	25,400	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Chromium	6,760	µg/kg		VU	153	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Cobalt	536	µg/kg		VU	153	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Copper	1,240	µg/kg		VU	305	1,020	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Iron	7,840,000	µg/kg		VU	8,140	25,400	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Lead	1,640	µg/kg		VU	336	1,020	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Magnesium	63,100	µg/kg		VU	8,650	30,500	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Manganese	10,200	µg/kg		VU	204	1,020	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Nickel	1,040	µg/kg		VU	153	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Potassium	44,800	µg/kg		VU	6,510	25,400	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Selenium	3,050	µg/kg	U	VU	509	3,050	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Silver	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Sodium	25,400	µg/kg	U	VU	7,120	25,400	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Thallium	2,040	µg/kg	U	VU	509	2,040	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Vanadium	17,500	µg/kg		VU	102	509	µg/kg	REG
DAABFILL34	8/20/2014	EPA6010C	Zinc	1,020	µg/kg	U	VU	407	1,020	µg/kg	REG
DAABFILL34	8/20/2014	EPA7471B	Mercury	29.7	µg/kg		VU	4.08	12.2	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Aldrin	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Alpha-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	DDD	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	DDE	0.866	µg/kg	J	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	DDT	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endosulfan I	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Gamma-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL34	8/20/2014	EPA8081B	Heptachlor	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Heptachlor Epoxide	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Lindane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Methoxychlor	7.16	µg/kg	U	VU	1.79	7.16	µg/kg	REG
DAABFILL34	8/20/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.96	17.9	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1016	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1221	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1232	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1242	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1248	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1254	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8082A	Aroclor 1260	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1-Dichloroethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.12	µg/kg	U	VU	0.56	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2-Dibromoethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,2-Dichloropropane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	1,4-Dioxane	56	µg/kg	U	VU	18.7	56	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	2-Hexanone	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Acetone	35.8	µg/kg		VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Benzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Bromochloromethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Bromodichloromethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Carbon Disulfide	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Carbon Tetrachloride	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Chlorobenzene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Chloroform	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Cyclohexane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Dibromochloromethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Ethylbenzene	0.437	µg/kg	J	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	M,P-Xylene	1.86	µg/kg	J	VU	0.747	2.24	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Methyl Acetate	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.6	µg/kg	U	VU	1.87	5.6	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Methylcyclohexane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	O-Xylene	0.537	µg/kg	J	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Styrene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Toluene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL34	8/20/2014	EPA8260B	Trichlorofluoromethane	1.12	µg/kg	U	VU	0.373	1.12	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,1'-Biphenyl	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,2-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,3-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,3-Dinitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,4-Dichlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,4-Dioxane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1,4-Naphthoquinone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	1-Naphthylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4-Dichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4-Dimethylphenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4-Dinitrophenol	715	µg/kg	U	VU	107	715	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,4-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,6-Dichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2,6-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Acetylaminofluorene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Chloronaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Chlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Methylnaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Naphthylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Nitroaniline	357	µg/kg	U	VU	118	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	2-Picoline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	3-Methylcholanthrene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Aminobiphenyl	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Chloroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	357	µg/kg	U	VU	125	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Acenaphthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Acenaphthylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Acetophenone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Aniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Aramite	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Atrazine	357	µg/kg	U	VU	143	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzaldehyde	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzo[A]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzo[A]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzoic Acid	715	µg/kg	U	VU	179	715	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Benzyl Alcohol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	357	µg/kg	U	VU	107	357	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL34	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Caprolactam	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Carbazole	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Chlorobenzilate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Chrysene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Diallate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Dibenzofuran	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Diethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Dimethoate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Dimethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Dinitro-O-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Disulfoton	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Ethyl Methacrylate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Ethyl Methanesulfonate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Famphur	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Fluorene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachlorobutadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachlorophene	17,900	µg/kg	U	VU	4,150	17,900	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Hexachloropropene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Isodrin	357	µg/kg	U	VU	71.5	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Isophorone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Isosafrole	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Kepone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	M/P-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Methapyrilene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Methyl Methanesulfonate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Methyl Parathion	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	M-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Naphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Dioctyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Nitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosodiethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosodimethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosomorpholine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Parathion	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	P-Chloro-M-Cresol	357	µg/kg	U	VU	143	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pentachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pentachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pentachloronitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pentachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Phenacetin	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Phenanthrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Phenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Phorate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	P-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	P-Phenylenediamine	17,900	µg/kg	U	VU	3,570	17,900	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pronamide	357	µg/kg	U	VU	107	357	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL34	8/20/2014	EPA8270D	Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Pyridine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Safrole	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Sulfotepp	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA8270D	Thionazin	357	µg/kg	U	VU	107	357	µg/kg	REG
DAABFILL34	8/20/2014	EPA9012B	Cyanide	228	µg/kg	U	VU	76.1	228	µg/kg	REG
DAABFILL34	8/20/2014	RADA-001	Gross Alpha	12	pCi/g		VU	3.88	11.7	pCi/g	REG
DAABFILL34	8/20/2014	RADA-001	Nonvolatile Beta	8.73	pCi/g		VU	3.24	8.62	pCi/g	REG
DAABFILL35	8/20/2014	EPA6010C	Aluminum	4,550,000	µg/kg		VU	6,960	20,500	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Antimony	5,120	µg/kg	U	VU	1,690	5,120	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Arsenic	6,590	µg/kg		VU	512	3,070	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Barium	9,000	µg/kg		VU	102	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Beryllium	141	µg/kg	J	VU	102	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Cadmium	2,560	µg/kg	U	VU	512	2,560	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Calcium	78,900	µg/kg		VU	8,190	25,600	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Chromium	10,500	µg/kg		VU	154	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Cobalt	762	µg/kg		VU	154	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Copper	1,570	µg/kg		VU	307	1,020	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Iron	16,000,000	µg/kg		VU	8,190	25,600	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Lead	1,570	µg/kg		VU	338	1,020	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Magnesium	41,400	µg/kg		VU	8,700	30,700	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Manganese	4,430	µg/kg		VU	205	1,020	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Nickel	1,270	µg/kg		VU	154	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Potassium	36,900	µg/kg		VU	6,550	25,600	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Selenium	3,070	µg/kg	U	VU	512	3,070	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Silver	512	µg/kg	U	VU	102	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Sodium	25,600	µg/kg	U	VU	7,170	25,600	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Thallium	2,050	µg/kg	U	VU	512	2,050	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Vanadium	31,800	µg/kg		VU	102	512	µg/kg	REG
DAABFILL35	8/20/2014	EPA6010C	Zinc	1,020	µg/kg	U	VU	410	1,020	µg/kg	REG
DAABFILL35	8/20/2014	EPA7471B	Mercury	58	µg/kg		VU	4.22	12.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Aldrin	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Alpha-Chlordane	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	DDT	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endosulfan I	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endosulfan Sulfate	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.376	1.5	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Gamma-Chlordane	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Heptachlor	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Heptachlor Epoxide	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Lindane	0.752	µg/kg	U	VU	0.188	0.752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Methoxychlor	7.52	µg/kg	U	VU	1.88	7.52	µg/kg	REG
DAABFILL35	8/20/2014	EPA8081B	Toxaphene	18.8	µg/kg	U	VU	6.26	18.8	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1016	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1221	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1232	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1242	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1248	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1254	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8082A	Aroclor 1260	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL35	8/20/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.543	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	1,4-Dioxane	54.3	µg/kg	U	VU	18.1	54.3	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	2-Hexanone	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Acetone	3.06	µg/kg	J	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Carbon Disulfide	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	M,P-Xylene	2.17	µg/kg	U	VU	0.724	2.17	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Methyl Acetate	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.43	µg/kg	U	VU	1.81	5.43	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.361	1.09	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,1'-Biphenyl	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,2-Dichlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,3-Dichlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,3-Dinitrobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,4-Dichlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,4-Dioxane	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1,4-Naphthoquinone	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	1-Naphthylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL35	8/20/2014	EPA8270D	2,4-Dichlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,4-Dimethylphenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,4-Dinitrophenol	752	µg/kg	U	VU	113	752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,4-Dinitrotoluene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,6-Dichlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2,6-Dinitrotoluene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Acetylaminofluorene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Chloronaphthalene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Chlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Methylnaphthalene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Naphthylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Nitroaniline	376	µg/kg	U	VU	124	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Nitrophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	2-Picoline	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	3-Methylcholanthrene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Aminobiphenyl	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Chloroaniline	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Nitrophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	376	µg/kg	U	VU	132	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Acenaphthene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Acenaphthylene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Acetophenone	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Aniline	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Anthracene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Aramite	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Atrazine	376	µg/kg	U	VU	150	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzaldehyde	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzo[A]Anthracene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzo[A]Pyrene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzoic Acid	752	µg/kg	U	VU	188	752	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Benzyl Alcohol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Caprolactam	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Carbazole	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Chlorobenzilate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Chrysene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Diallate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Dibenzofuran	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Diethyl Phthalate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Dimethoate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Dimethyl Phthalate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Dinitro-O-Cresol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Disulfoton	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Ethyl Methacrylate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Ethyl Methanesulfonate	376	µg/kg	U	VU	113	376	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL35	8/20/2014	EPA8270D	Famphur	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Fluoranthene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Fluorene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachlorobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachlorobutadiene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachloroethane	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachlorophene	18,800	µg/kg	U	VU	4,360	18,800	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Hexachloropropene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Isodrin	376	µg/kg	U	VU	75.2	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Isophorone	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Isosafrole	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Kepone	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	M/P-Cresol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Methapyrilene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Methyl Methanesulfonate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Methyl Parathion	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	M-Nitroaniline	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Naphthalene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Dioctyl Phthalate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Nitrobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosodiethylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosodimethylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosomorpholine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Parathion	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	P-Chloro-M-Cresol	376	µg/kg	U	VU	150	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pentachloroethane	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pentachloroethane	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pentachloronitrobenzene	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pentachlorophenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Phenacetin	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Phenanthrene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Phenol	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Phorate	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	P-Nitroaniline	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	P-Phenylenediamine	18,800	µg/kg	U	VU	3,760	18,800	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pronamide	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pyrene	37.6	µg/kg	U	VU	11.3	37.6	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Pyridine	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Safrole	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Sulfotepp	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA8270D	Thionazin	376	µg/kg	U	VU	113	376	µg/kg	REG
DAABFILL35	8/20/2014	EPA9012B	Cyanide	256	µg/kg	U	VU	85.7	256	µg/kg	REG
DAABFILL35	8/20/2014	RADA-001	Gross Alpha	9.72	pCi/g	J	VU	3.8	10.8	pCi/g	REG
DAABFILL35	8/20/2014	RADA-001	Nonvolatile Beta	10.2	pCi/g		VU	3.16	8.48	pCi/g	REG
DAABFILL36	8/20/2014	EPA6010C	Aluminum	1,220,000	µg/kg		VU	6,460	19,000	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Antimony	950	µg/kg	U	VU	313	950	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Arsenic	3,560	µg/kg		VU	475	2,850	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Barium	12,600	µg/kg		VU	95	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Beryllium	106	µg/kg	J	VU	95	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Cadmium	475	µg/kg	U	VU	95	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Calcium	13,000	µg/kg	J	VU	7,600	23,700	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Chromium	869	µg/kg	J	VU	142	475	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL36	8/20/2014	EPA6010C	Cobalt	424	µg/kg	J	VU	142	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Copper	419	µg/kg	J	VU	285	950	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Iron	932,000	µg/kg		VU	7,600	23,700	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Lead	513	µg/kg	J	VU	313	950	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Magnesium	26,200	µg/kg	J	VU	8,070	28,500	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Manganese	55,900	µg/kg		VU	190	950	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Nickel	541	µg/kg		VU	142	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Potassium	21,100	µg/kg	J	VU	6,080	23,700	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Selenium	2,850	µg/kg	U	VU	475	2,850	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Silver	475	µg/kg	U	VU	95	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Sodium	23,700	µg/kg	U	VU	6,650	23,700	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Thallium	1,900	µg/kg	U	VU	475	1,900	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Vanadium	1,760	µg/kg		VU	95	475	µg/kg	REG
DAABFILL36	8/20/2014	EPA6010C	Zinc	766	µg/kg	J	VU	380	950	µg/kg	REG
DAABFILL36	8/20/2014	EPA7471B	Mercury	19.9	µg/kg		VU	3.56	10.6	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Aldrin	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Alpha-Chlordane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	DDD	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	DDE	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	DDT	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Dieldrin	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endosulfan I	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endosulfan II	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endosulfan Sulfate	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endrin	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endrin Aldehyde	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Endrin Ketone	1.38	µg/kg	U	VU	0.346	1.38	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Gamma-Chlordane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Heptachlor	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Heptachlor Epoxide	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Lindane	0.692	µg/kg	U	VU	0.173	0.692	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Methoxychlor	6.92	µg/kg	U	VU	1.73	6.92	µg/kg	REG
DAABFILL36	8/20/2014	EPA8081B	Toxaphene	17.3	µg/kg	U	VU	5.76	17.3	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1016	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1221	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1232	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1242	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1248	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1254	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8082A	Aroclor 1260	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.52	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	1,4-Dioxane	52	µg/kg	U	VU	17.3	52	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	2-Hexanone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Acetone	3.84	µg/kg	J	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL36	8/20/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Carbon Disulfide	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	2.58	µg/kg	J	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.693	2.08	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Methyl Acetate	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,1'-Biphenyl	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,2-Dichlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,3-Dichlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,3-Dinitrobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,4-Dichlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,4-Dioxane	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1,4-Naphthoquinone	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	1-Naphthylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4-Dichlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4-Dimethylphenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4-Dinitrophenol	691	µg/kg	U	VU	104	691	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,4-Dinitrotoluene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,6-Dichlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2,6-Dinitrotoluene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Acetylaminofluorene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Chloronaphthalene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Chlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Methylnaphthalene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Naphthylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Nitroaniline	345	µg/kg	U	VU	114	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Nitrophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	2-Picoline	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	345	µg/kg	U	VU	104	345	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL36	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	3-Methylcholanthrene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Aminobiphenyl	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Chloroaniline	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Nitrophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	345	µg/kg	U	VU	121	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Acenaphthene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Acenaphthylene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Acetophenone	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Aniline	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Anthracene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Aramite	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Atrazine	345	µg/kg	U	VU	138	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzaldehyde	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzidine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzo[A]Anthracene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzo[A]Pyrene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzoic Acid	691	µg/kg	U	VU	173	691	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Benzyl Alcohol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Caprolactam	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Carbazole	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Chlorobenzilate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Chrysene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Diallate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Dibenzofuran	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Diethyl Phthalate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Dimethoate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Dimethyl Phthalate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Dinitro-O-Cresol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Disulfoton	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Ethyl Methacrylate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Ethyl Methanesulfonate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Famphur	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Fluoranthene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Fluorene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachlorobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachlorobutadiene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachloroethane	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachlorophene	17,300	µg/kg	U	VU	4,010	17,300	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Hexachloropropene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Isodrin	345	µg/kg	U	VU	69.1	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Isophorone	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Isosafrole	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Kepone	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	M/P-Cresol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Methapyrilene	345	µg/kg	U	VU	104	345	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL36	8/20/2014	EPA8270D	Methyl Methanesulfonate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Methyl Parathion	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	M-Nitroaniline	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Naphthalene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Dioctyl Phthalate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Nitrobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosodiethylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosodimethylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosomorpholine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Parathion	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	P-Chloro-M-Cresol	345	µg/kg	U	VU	138	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pentachloroethane	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pentachloroethane	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pentachloronitrobenzene	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pentachlorophenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Phenacetin	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Phenanthrene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Phenol	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Phorate	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	P-Nitroaniline	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	P-Phenylenediamine	17,300	µg/kg	U	VU	3,450	17,300	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pronamide	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pyrene	34.5	µg/kg	U	VU	10.4	34.5	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Pyridine	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Safrole	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Sulfotepp	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA8270D	Thionazin	345	µg/kg	U	VU	104	345	µg/kg	REG
DAABFILL36	8/20/2014	EPA9012B	Cyanide	245	µg/kg	U	VU	81.8	245	µg/kg	REG
DAABFILL36	8/20/2014	RADA-001	Gross Alpha	5.76	pCi/g	J	VU	3.84	10.2	pCi/g	REG
DAABFILL36	8/20/2014	RADA-001	Nonvolatile Beta	1.94	pCi/g	U	VU	4.51	9.81	pCi/g	REG
DAABFILL37	8/18/2014	EPA6010C	Aluminum	1,220,000	µg/kg		VU	7,570	22,300	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Antimony	1,110	µg/kg	U	VU	367	1,110	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Arsenic	33,400	µg/kg	U	VU	5,560	33,400	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Barium	7,790	µg/kg		VU	111	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Beryllium	556	µg/kg	U	VU	111	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Cadmium	556	µg/kg	U	VU	111	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Calcium	34,100	µg/kg		VU	8,900	27,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Chromium	1,230	µg/kg		VU	167	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Cobalt	256	µg/kg	J	VU	167	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Copper	510	µg/kg	J	VU	334	1,110	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Iron	1,180,000	µg/kg		VU	8,900	27,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Lead	999	µg/kg	J	VU	367	1,110	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Magnesium	28,600	µg/kg	J	VU	9,460	33,400	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Manganese	18,000	µg/kg		VU	223	1,110	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Nickel	506	µg/kg	J	VU	167	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Potassium	23,100	µg/kg	J	VU	7,120	27,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Selenium	4,670	µg/kg		VU	556	3,340	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Silver	556	µg/kg	U	VU	111	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Sodium	27,800	µg/kg	U	VU	7,790	27,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Thallium	2,230	µg/kg	U	VU	556	2,230	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Vanadium	2,370	µg/kg		VU	111	556	µg/kg	REG
DAABFILL37	8/18/2014	EPA6010C	Zinc	952	µg/kg	J	VU	445	1110	µg/kg	REG
DAABFILL37	8/18/2014	EPA7471B	Mercury	20.8	µg/kg		VU	4.1	12.2	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Aldrin	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL37	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Alpha-Chlordane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	DDT	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endosulfan I	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endosulfan Sulfate	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.375	1.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Gamma-Chlordane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Heptachlor	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Heptachlor Epoxide	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Lindane	0.751	µg/kg	U	VU	0.188	0.751	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Methoxychlor	7.51	µg/kg	U	VU	1.88	7.51	µg/kg	REG
DAABFILL37	8/18/2014	EPA8081B	Toxaphene	18.8	µg/kg	U	VU	6.25	18.8	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1016	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1221	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1232	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1242	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1248	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1254	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8082A	Aroclor 1260	3.72	µg/kg	U	VU	1.24	3.72	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.545	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	1,4-Dioxane	54.5	µg/kg	U	VU	18.2	54.5	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	2-Hexanone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Acetone	2.81	µg/kg	J	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Carbon Disulfide	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL37	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	M,P-Xylene	2.18	µg/kg	U	VU	0.726	2.18	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Methyl Acetate	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,1'-Biphenyl	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,2-Dichlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,3-Dichlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,3-Dinitrobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,4-Dichlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,4-Dioxane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1,4-Naphthoquinone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	1-Naphthylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4-Dichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4-Dimethylphenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4-Dinitrophenol	754	µg/kg	U	VU	113	754	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,4-Dinitrotoluene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,6-Dichlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2,6-Dinitrotoluene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Acetylaminofluorene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Chloronaphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Chlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Methylnaphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Naphthylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Nitroaniline	377	µg/kg	U	VU	124	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Nitrophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	2-Picoline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	3-Methylcholanthrene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Aminobiphenyl	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Chloroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Nitrophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	377	µg/kg	U	VU	132	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Acenaphthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Acenaphthylene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Acetophenone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Aniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL37	8/18/2014	EPA8270D	Aramite	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Atrazine	377	µg/kg	U	VU	151	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzaldehyde	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzo[A]Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzo[A]Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzoic Acid	754	µg/kg	U	VU	188	754	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Benzyl Alcohol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Caprolactam	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Carbazole	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Chlorobenzilate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Chrysene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Diallate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Dibenzofuran	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Diethyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Dimethoate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Dimethyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Dinitro-O-Cresol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Disulfoton	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Ethyl Methacrylate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Ethyl Methanesulfonate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Famphur	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Fluoranthene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Fluorene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachlorobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachlorobutadiene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachloroethane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachlorophene	18,800	µg/kg	U	VU	4,370	18,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Hexachloropropene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Isodrin	377	µg/kg	U	VU	75.4	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Isophorone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Isosafrole	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Kepone	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	M/P-Cresol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Methapyrilene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Methyl Methanesulfonate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Methyl Parathion	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	M-Nitroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Naphthalene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Dioctyl Phthalate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Nitrobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosodiethylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosodimethylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosomorpholine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	377	µg/kg	U	VU	113	377	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL37	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Parathion	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	P-Chloro-M-Cresol	377	µg/kg	U	VU	151	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pentachloroethane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pentachloroethane	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pentachloronitrobenzene	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pentachlorophenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Phenacetin	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Phenanthrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Phenol	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Phorate	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	P-Nitroaniline	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	P-Phenylenediamine	18,800	µg/kg	U	VU	3,770	18,800	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pronamide	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pyrene	37.7	µg/kg	U	VU	11.3	37.7	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Pyridine	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Safrole	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Sulfotepp	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA8270D	Thionazin	377	µg/kg	U	VU	113	377	µg/kg	REG
DAABFILL37	8/18/2014	EPA9012B	Cyanide	236	µg/kg	U	VU	78.8	236	µg/kg	REG
DAABFILL37	8/18/2014	RADA-001	Gross Alpha	12.3	pCi/g		VU	3.89	11.9	pCi/g	REG
DAABFILL37	8/18/2014	RADA-001	Nonvolatile Beta	13.1	pCi/g		VU	4.87	12.4	pCi/g	REG
DAABFILL38	8/18/2014	EPA6010C	Aluminum	653,000	µg/kg		VU	6,990	20,600	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	339	1,030	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Arsenic	30,800	µg/kg	U	VU	5,140	30,800	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Barium	3,020	µg/kg		VU	103	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Beryllium	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Cadmium	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Calcium	17,300	µg/kg	J	VU	8,220	25,700	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Chromium	816	µg/kg		VU	154	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Cobalt	173	µg/kg	J	VU	154	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Copper	1,030	µg/kg	U	VU	308	1,030	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Iron	719,000	µg/kg		VU	8,220	25,700	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Lead	754	µg/kg	J	VU	339	1,030	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Magnesium	18,200	µg/kg	J	VU	8,740	30,800	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Manganese	4,750	µg/kg		VU	206	1,030	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Nickel	207	µg/kg	J	VU	154	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Potassium	16,600	µg/kg	J	VU	6,580	25,700	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Selenium	3,260	µg/kg		VU	514	3,080	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Silver	514	µg/kg	U	VU	103	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Sodium	25,700	µg/kg	U	VU	7,200	25,700	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Thallium	2,060	µg/kg	U	VU	514	2,060	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Vanadium	1,460	µg/kg		VU	103	514	µg/kg	REG
DAABFILL38	8/18/2014	EPA6010C	Zinc	714	µg/kg	J	VU	411	1,030	µg/kg	REG
DAABFILL38	8/18/2014	EPA7471B	Mercury	12.3	µg/kg		VU	3.93	11.7	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Aldrin	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Alpha-Chlordane	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	DDD	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	DDE	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	DDT	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Dieldrin	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endosulfan I	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endosulfan II	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endosulfan Sulfate	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endrin	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endrin Aldehyde	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Endrin Ketone	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Gamma-Chlordane	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Heptachlor	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL38	8/18/2014	EPA8081B	Heptachlor Epoxide	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Lindane	0.758	µg/kg	U	VU	0.189	0.758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Methoxychlor	7.58	µg/kg	U	VU	1.89	7.58	µg/kg	REG
DAABFILL38	8/18/2014	EPA8081B	Toxaphene	18.9	µg/kg	U	VU	6.31	18.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1016	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1221	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1232	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1242	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1248	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1254	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8082A	Aroclor 1260	3.75	µg/kg	U	VU	1.25	3.75	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1-Dichloroethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.07	µg/kg	U	VU	0.537	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2-Dibromoethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,2-Dichloropropane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	1,4-Dioxane	53.7	µg/kg	U	VU	17.9	53.7	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	2-Hexanone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Acetone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Benzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Bromochloromethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Bromodichloromethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Carbon Disulfide	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Carbon Tetrachloride	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Chlorobenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Chloroform	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Cyclohexane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Dibromochloromethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Ethylbenzene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	M,P-Xylene	2.15	µg/kg	U	VU	0.717	2.15	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Methyl Acetate	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Methylcyclohexane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	O-Xylene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Styrene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Toluene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG
DAABFILL38	8/18/2014	EPA8260B	Trichlorofluoromethane	1.07	µg/kg	U	VU	0.358	1.07	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL38	8/18/2014	EPA8270D	1,1'-Biphenyl	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,2-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,3-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,3-Dinitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,4-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,4-Dioxane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1,4-Naphthoquinone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	1-Naphthylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4-Dichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4-Dimethylphenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4-Dinitrophenol	758	µg/kg	U	VU	114	758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,4-Dinitrotoluene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,6-Dichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2,6-Dinitrotoluene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Acetylaminofluorene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Chloronaphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Chlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Methylnaphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Naphthylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Nitroaniline	379	µg/kg	U	VU	125	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Nitrophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	2-Picoline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	3-Methylcholanthrene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Aminobiphenyl	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Chloroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Nitrophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	379	µg/kg	U	VU	133	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Acenaphthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Acenaphthylene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Acetophenone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Aniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Aramite	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Atrazine	379	µg/kg	U	VU	152	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzaldehyde	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzo[A]Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzo[A]Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzoic Acid	758	µg/kg	U	VU	189	758	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Benzyl Alcohol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL38	8/18/2014	EPA8270D	Caprolactam	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Carbazole	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Chlorobenzilate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Chrysene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Diallate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Dibenzofuran	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Diethyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Dimethoate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Dimethyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Dinitro-O-Cresol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Disulfoton	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Ethyl Methacrylate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Ethyl Methanesulfonate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Famphur	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Fluorene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachlorobutadiene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachlorophene	18,900	µg/kg	U	VU	4,400	18,900	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Hexachloropropene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Isodrin	379	µg/kg	U	VU	75.8	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Isophorone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Isosafrole	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Kepone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	M/P-Cresol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Methapyrilene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Methyl Methanesulfonate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Methyl Parathion	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	M-Nitroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Naphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Dioctyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Nitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosodiethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosodimethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosomorpholine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Parathion	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	P-Chloro-M-Cresol	379	µg/kg	U	VU	152	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pentachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pentachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pentachloronitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pentachlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Phenacetin	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Phenanthrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Phenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Phorate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	P-Nitroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	P-Phenylenediamine	18,900	µg/kg	U	VU	3,790	18,900	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pronamide	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL38	8/18/2014	EPA8270D	Pyridine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Safrole	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Sulfotepp	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA8270D	Thionazin	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL38	8/18/2014	EPA9012B	Cyanide	274	µg/kg	U	VU	91.4	274	µg/kg	REG
DAABFILL38	8/18/2014	RADA-001	Gross Alpha	6.23	pCi/g	J	VU	3.93	10	pCi/g	REG
DAABFILL38	8/18/2014	RADA-001	Nonvolatile Beta	2.75	pCi/g	U	VU	3.63	8.17	pCi/g	REG
DAABFILL39	8/18/2014	EPA6010C	Aluminum	1,170,000	µg/kg		VU	6,980	20,500	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	339	1,030	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Arsenic	3,080	µg/kg	U	VU	513	3,080	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Barium	8,310	µg/kg		VU	103	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Beryllium	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Cadmium	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Calcium	16,900	µg/kg	J	VU	8,210	25,600	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Chromium	1,040	µg/kg		VU	154	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Cobalt	446	µg/kg	J	VU	154	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Copper	481	µg/kg	J	VU	308	1,030	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Iron	995,000	µg/kg		VU	8,210	25,600	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Lead	603	µg/kg	J	VU	339	1,030	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Magnesium	32,100	µg/kg		VU	8,720	30,800	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Manganese	37,500	µg/kg		VU	205	1,030	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Nickel	564	µg/kg		VU	154	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Potassium	20,600	µg/kg	J	VU	6,570	25,600	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Selenium	2,050	µg/kg	J	VU	513	3,080	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Silver	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Sodium	25,600	µg/kg	U	VU	7,180	25,600	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Thallium	2,050	µg/kg	U	VU	513	2,050	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Vanadium	1,760	µg/kg		VU	103	513	µg/kg	REG
DAABFILL39	8/18/2014	EPA6010C	Zinc	1,110	µg/kg		VU	410	1,030	µg/kg	REG
DAABFILL39	8/18/2014	EPA7471B	Mercury	11.9	µg/kg		VU	3.9	11.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Aldrin	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Alpha-Chlordane	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	DDD	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	DDE	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	DDT	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Dieldrin	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endosulfan I	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endosulfan II	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endosulfan Sulfate	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endrin	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endrin Aldehyde	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Endrin Ketone	1.37	µg/kg	U	VU	0.343	1.37	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Gamma-Chlordane	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Heptachlor	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Heptachlor Epoxide	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Lindane	0.686	µg/kg	U	VU	0.172	0.686	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Methoxychlor	6.86	µg/kg	U	VU	1.72	6.86	µg/kg	REG
DAABFILL39	8/18/2014	EPA8081B	Toxaphene	17.2	µg/kg	U	VU	5.71	17.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1016	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1221	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1232	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1242	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1248	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1254	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8082A	Aroclor 1260	3.46	µg/kg	U	VU	1.15	3.46	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL39	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.52	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	1,4-Dioxane	52	µg/kg	U	VU	17.3	52	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	2-Hexanone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Acetone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Carbon Disulfide	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	M,P-Xylene	0.78	µg/kg	J	VU	0.694	2.08	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Methyl Acetate	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,1'-Biphenyl	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,2-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,3-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,3-Dinitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,4-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,4-Dioxane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1,4-Naphthoquinone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	1-Naphthylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,4-Dichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL39	8/18/2014	EPA8270D	2,4-Dimethylphenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,4-Dinitrophenol	692	µg/kg	U	VU	104	692	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,4-Dinitrotoluene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,6-Dichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2,6-Dinitrotoluene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Acetylaminofluorene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Chloronaphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Chlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Methylnaphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Naphthylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Nitroaniline	346	µg/kg	U	VU	114	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Nitrophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	2-Picoline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	3-Methylcholanthrene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Aminobiphenyl	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Chloroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Nitrophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	346	µg/kg	U	VU	121	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Acenaphthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Acenaphthylene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Acetophenone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Aniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Aramite	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Atrazine	346	µg/kg	U	VU	138	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzaldehyde	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzo[A]Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzo[A]Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzoic Acid	692	µg/kg	U	VU	173	692	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Benzyl Alcohol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Caprolactam	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Carbazole	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Chlorobenzilate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Chrysene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Diallate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Dibenzofuran	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Diethyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Dimethoate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Dimethyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Dinitro-O-Cresol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Disulfoton	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Ethyl Methacrylate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Ethyl Methanesulfonate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Famphur	346	µg/kg	U	VU	104	346	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL39	8/18/2014	EPA8270D	Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Fluorene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachlorobutadiene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachlorophene	17,300	µg/kg	U	VU	4,020	17,300	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Hexachloropropene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Isodrin	346	µg/kg	U	VU	69.2	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Isophorone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Isosafrole	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Kepone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	M/P-Cresol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Methapyrilene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Methyl Methanesulfonate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Methyl Parathion	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	M-Nitroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Naphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Dioctyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Nitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosodiethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosodimethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosomorpholine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Parathion	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	P-Chloro-M-Cresol	346	µg/kg	U	VU	138	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pentachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pentachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pentachloronitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pentachlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Phenacetin	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Phenanthrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Phenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Phorate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	P-Nitroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	P-Phenylenediamine	17,300	µg/kg	U	VU	3,460	17,300	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pronamide	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Pyridine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Safrole	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Sulfotepp	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA8270D	Thionazin	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL39	8/18/2014	EPA9012B	Cyanide	245	µg/kg	U	VU	81.9	245	µg/kg	REG
DAABFILL39	8/18/2014	RADA-001	Gross Alpha	7.91	pCi/g	J	VU	3.96	11	pCi/g	REG
DAABFILL39	8/18/2014	RADA-001	Nonvolatile Beta	7.01	pCi/g	J	VU	5.79	13.3	pCi/g	REG
DAABFILL40	8/18/2014	EPA6010C	Aluminum	949,000	µg/kg		VU	6,850	20,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Antimony	1,010	µg/kg	U	VU	333	1,010	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Arsenic	30,200	µg/kg	U	VU	5,040	30,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Barium	4,860	µg/kg		VU	101	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Beryllium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Cadmium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Calcium	24,000	µg/kg	J	VU	8,060	25,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Chromium	1,760	µg/kg		VU	151	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Cobalt	303	µg/kg	J	VU	151	504	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL40	8/18/2014	EPA6010C	Copper	457	µg/kg	J	VU	302	1,010	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Iron	845,000	µg/kg		VU	8,060	25,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Lead	511	µg/kg	J	VU	333	1,010	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Magnesium	27,800	µg/kg	J	VU	8,570	30,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Manganese	18,900	µg/kg		VU	202	1,010	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Nickel	693	µg/kg		VU	151	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Potassium	22,200	µg/kg	J	VU	6,450	25,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Selenium	4,880	µg/kg		VU	504	3,020	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Silver	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Sodium	25,200	µg/kg	U	VU	7,060	25,200	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Thallium	2,020	µg/kg	U	VU	504	2,020	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Vanadium	1,490	µg/kg		VU	101	504	µg/kg	REG
DAABFILL40	8/18/2014	EPA6010C	Zinc	976	µg/kg	J	VU	403	1,010	µg/kg	REG
DAABFILL40	8/18/2014	EPA7471B	Mercury	24.3	µg/kg		VU	4.16	12.4	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Aldrin	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Alpha-Chlordane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	DDD	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	DDE	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	DDT	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Dieldrin	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endosulfan I	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endosulfan II	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endosulfan Sulfate	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endrin	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endrin Aldehyde	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Endrin Ketone	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Gamma-Chlordane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Heptachlor	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Heptachlor Epoxide	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Lindane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Methoxychlor	7.35	µg/kg	U	VU	1.84	7.35	µg/kg	REG
DAABFILL40	8/18/2014	EPA8081B	Toxaphene	18.4	µg/kg	U	VU	6.12	18.4	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1016	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1221	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1232	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1242	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1248	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1254	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8082A	Aroclor 1260	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1-Dichloroethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.1	µg/kg	U	VU	0.548	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2-Dibromoethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,2-Dichloropropane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	1,4-Dioxane	54.8	µg/kg	U	VU	18.3	54.8	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	2-Hexanone	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Acetone	39.7	µg/kg		VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Benzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Bromochloromethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Bromodichloromethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL40	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Carbon Disulfide	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Carbon Tetrachloride	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Chlorobenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Chloroform	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Cyclohexane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Dibromochloromethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Ethylbenzene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	M,P-Xylene	2.19	µg/kg	U	VU	0.732	2.19	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Methyl Acetate	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.48	µg/kg	U	VU	1.83	5.48	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Methylcyclohexane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	O-Xylene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Styrene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Toluene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8260B	Trichlorofluoromethane	1.1	µg/kg	U	VU	0.365	1.1	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,1'-Biphenyl	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,2-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,3-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,3-Dinitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,4-Dichlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,4-Dioxane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1,4-Naphthoquinone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	1-Naphthylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4-Dichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4-Dimethylphenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4-Dinitrophenol	745	µg/kg	U	VU	112	745	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,4-Dinitrotoluene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,6-Dichlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2,6-Dinitrotoluene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Acetylaminofluorene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Chloronaphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Chlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Methylnaphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Naphthylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Nitroaniline	373	µg/kg	U	VU	123	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Nitrophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	2-Picoline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	373	µg/kg	U	VU	112	373	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL40	8/18/2014	EPA8270D	3-Methylcholanthrene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Aminobiphenyl	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Chloroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Nitrophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	373	µg/kg	U	VU	130	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Acenaphthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Acenaphthylene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Acetophenone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Aniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Aramite	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Atrazine	373	µg/kg	U	VU	149	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzaldehyde	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzo[A]Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzo[A]Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzoic Acid	745	µg/kg	U	VU	186	745	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Benzyl Alcohol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Caprolactam	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Carbazole	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Chlorobenzilate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Chrysene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Diallate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Dibenzofuran	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Diethyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Dimethoate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Dimethyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Dinitro-O-Cresol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Disulfoton	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Ethyl Methacrylate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Ethyl Methanesulfonate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Famphur	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Fluoranthene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Fluorene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachlorobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachlorobutadiene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachlorophene	18,600	µg/kg	U	VU	4,320	18,600	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Hexachloropropene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Isodrin	373	µg/kg	U	VU	74.5	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Isophorone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Isosafrole	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Kepone	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	M/P-Cresol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Methapyrilene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Methyl Methanesulfonate	373	µg/kg	U	VU	112	373	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL40	8/18/2014	EPA8270D	Methyl Parathion	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	M-Nitroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Naphthalene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Dioctyl Phthalate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Nitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosodiethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosodimethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosomorpholine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Parathion	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	P-Chloro-M-Cresol	373	µg/kg	U	VU	149	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pentachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pentachloroethane	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pentachloronitrobenzene	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pentachlorophenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Phenacetin	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Phenanthrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Phenol	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Phorate	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	P-Nitroaniline	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	P-Phenylenediamine	18,600	µg/kg	U	VU	3,730	18,600	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pronamide	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pyrene	37.3	µg/kg	U	VU	11.2	37.3	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Pyridine	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Safrole	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Sulfotepp	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA8270D	Thionazin	373	µg/kg	U	VU	112	373	µg/kg	REG
DAABFILL40	8/18/2014	EPA9012B	Cyanide	229	µg/kg	U	VU	76.6	229	µg/kg	REG
DAABFILL40	8/18/2014	RADA-001	Gross Alpha	11.5	pCi/g	J	VU	3.97	12.1	pCi/g	REG
DAABFILL40	8/18/2014	RADA-001	Nonvolatile Beta	9.4	pCi/g	J	VU	4.52	11.2	pCi/g	REG
DAABFILL41	8/18/2014	EPA6010C	Aluminum	1,030,000	µg/kg		VU	6,770	19,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Antimony	996	µg/kg	U	VU	329	996	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Arsenic	29,900	µg/kg	U	VU	4,980	29,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Barium	6,070	µg/kg		VU	100	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Beryllium	498	µg/kg	U	VU	100	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Cadmium	498	µg/kg	U	VU	100	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Calcium	10,300	µg/kg	J	VU	7,970	24,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Chromium	1,080	µg/kg		VU	149	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Cobalt	424	µg/kg	J	VU	149	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Copper	487	µg/kg	J	VU	299	996	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Iron	857,000	µg/kg		VU	7,970	24,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Lead	991	µg/kg	J	VU	329	996	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Magnesium	26,300	µg/kg	J	VU	8,470	29,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Manganese	38,700	µg/kg		VU	199	996	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Nickel	550	µg/kg		VU	149	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Potassium	19,600	µg/kg	J	VU	6,380	24,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Selenium	4,820	µg/kg		VU	498	2,990	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Silver	498	µg/kg	U	VU	100	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Sodium	24,900	µg/kg	U	VU	6,970	24,900	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Thallium	1,990	µg/kg	U	VU	498	1,990	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Vanadium	1,450	µg/kg		VU	99.6	498	µg/kg	REG
DAABFILL41	8/18/2014	EPA6010C	Zinc	1,160	µg/kg		VU	398	996	µg/kg	REG
DAABFILL41	8/18/2014	EPA7471B	Mercury	17.7	µg/kg		VU	3.98	11.9	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Aldrin	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Alpha-Benzene Hexachloride	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL41	8/18/2014	EPA8081B	Alpha-Chlordane	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Beta-Benzene Hexachloride	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	DDD	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	DDE	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	DDT	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Delta-Benzene Hexachloride	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Dieldrin	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endosulfan I	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endosulfan II	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endosulfan Sulfate	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endrin	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endrin Aldehyde	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Endrin Ketone	1.38	µg/kg	U	VU	0.345	1.38	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Gamma-Chlordane	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Heptachlor	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Heptachlor Epoxide	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Lindane	0.691	µg/kg	U	VU	0.173	0.691	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Methoxychlor	6.91	µg/kg	U	VU	1.73	6.91	µg/kg	REG
DAABFILL41	8/18/2014	EPA8081B	Toxaphene	17.3	µg/kg	U	VU	5.75	17.3	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1016	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1221	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1232	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1242	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1248	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1254	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8082A	Aroclor 1260	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1,1-Trchloroethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1,2-Trichloroethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1-Dichloroethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,1-Dichloroethylene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2,3-Trchlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2,4-Trchlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.03	µg/kg	U	VU	0.513	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2-Dibromoethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2-Dichlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,2-Dichloropropane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,3-Dichlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,4-Dichlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	1,4-Dioxane	51.3	µg/kg	U	VU	17.1	51.3	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	2-Hexanone	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Acetone	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Benzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Bromochloromethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Bromodichloromethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Bromoform (Tribromomethane)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Carbon Disulfide	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Carbon Tetrachloride	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Chlorobenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Chloroform	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Cis-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Cyclohexane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Dibromochloromethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Dichlorodifluoromethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL41	8/18/2014	EPA8260B	Ethylbenzene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	M,P-Xylene	2.05	µg/kg	U	VU	0.684	2.05	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Methyl Acetate	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Methyl Ethyl Ketone	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Methyl Isobutyl Ketone	5.13	µg/kg	U	VU	1.71	5.13	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Methylcyclohexane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	O-Xylene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Styrene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Tetrachloroethylene(PCE)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Toluene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Trans-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Trichloroethylene (TCE)	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8260B	Trichlorofluoromethane	1.03	µg/kg	U	VU	0.341	1.03	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,1'-Biphenyl	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,2,4-Trchlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,2-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1 2-Diphenylhydrazine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,3,5-Trinitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,3-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,3-Dinitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,4-Dichlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,4-Dioxane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1,4-Naphthoquinone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	1-Naphthylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4,5-Trichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4,6-Trichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4-Dichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4-Dimethylphenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4-Dinitrophenol	692	µg/kg	U	VU	104	692	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,4-Dinitrotoluene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,6-Dichlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2,6-Dinitrotoluene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Acetylaminofluorene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Chloronaphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Chlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Methylaniline (O-Toluidine)	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Methylnaphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Naphthylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Nitroaniline	346	µg/kg	U	VU	114	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Nitrophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	2-Picoline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	3,3-Dichlorobenzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	3,3'-Dimethylbenzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	3-Methylcholanthrene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Aminobiphenyl	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Bromophenyl Phenyl Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Chloroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Nitrophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	4-Nitoquinoline-1-Oxide	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	5-Nitro-O-Toluidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	A,A-Dimethylphenethylamine	346	µg/kg	U	VU	121	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Acenaphthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Acenaphthylene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Acetophenone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Aniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Aramite	346	µg/kg	U	VU	104	346	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL41	8/18/2014	EPA8270D	Atrazine	346	µg/kg	U	VU	138	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzaldehyde	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzo(G,H,I)Perylene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzo[A]Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzo[A]Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzo[B]Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzo[K]Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzoic Acid	692	µg/kg	U	VU	173	692	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Benzyl Alcohol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Bis(2-Chloroethyl)Ether	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Butyl Benzyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Caprolactam	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Carbazole	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Chlorobenzilate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Chrysene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Diallate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Dibenz[A,H]Anthracene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Dibenzofuran	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Diethyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Dimethoate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Dimethyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Di-N-Butyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Dinitro-O-Cresol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Disulfoton	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Ethyl Methacrylate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Ethyl Methanesulfonate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Famphur	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Fluoranthene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Fluorene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachlorobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachlorobutadiene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachlorocyclopentadiene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachlorophene	17,300	µg/kg	U	VU	4,010	17,300	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Hexachloropropene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Isodrin	346	µg/kg	U	VU	69.2	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Isophorone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Isosafrole	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Kepone	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	M/P-Cresol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Methapyrilene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Methyl Methanesulfonate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Methyl Parathion	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	M-Nitroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Naphthalene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Dioctyl Phthalate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Nitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosodiethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosodimethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosodi-N-Butylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosodiphenylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosomorpholine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitroso-N-Methylethylamine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	N-Nitrosopyrrolidine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	O-Cresol (2-Methylphenol)	346	µg/kg	U	VU	104	346	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL41	8/18/2014	EPA8270D	Parathion	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	P-Chloro-M-Cresol	346	µg/kg	U	VU	138	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	P-Dimethylaminoazobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pentachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pentachloroethane	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pentachloronitrobenzene	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pentachlorophenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Phenacetin	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Phenanthrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Phenol	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Phorate	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	P-Nitroaniline	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	P-Phenylenediamine	17,300	µg/kg	U	VU	3,460	17,300	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pronamide	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pyrene	34.6	µg/kg	U	VU	10.4	34.6	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Pyridine	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Safrole	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Sulfotepp	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA8270D	Thionazin	346	µg/kg	U	VU	104	346	µg/kg	REG
DAABFILL41	8/18/2014	EPA9012B	Cyanide	238	µg/kg	U	VU	79.4	238	µg/kg	REG
DAABFILL41	8/18/2014	RADA-001	Gross Alpha	2.64	pCi/g	U	VU	3.89	8.87	pCi/g	REG
DAABFILL41	8/18/2014	RADA-001	Nonvolatile Beta	8.23	pCi/g	J	VU	4.24	10.3	pCi/g	REG
DAABFILL42	8/20/2014	EPA6010C	Aluminum	1,960,000	µg/kg		VU	7,390	21,700	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Antimony	1,090	µg/kg	U	VU	359	1,090	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Arsenic	32,600	µg/kg	U	VU	5,440	32,600	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Barium	8,860	µg/kg		VU	109	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Beryllium	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Cadmium	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Calcium	62,400	µg/kg		VU	8,700	27,200	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Chromium	2,690	µg/kg		VU	163	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Cobalt	245	µg/kg	J	VU	163	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Copper	787	µg/kg	J	VU	326	1,090	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Iron	2,710,000	µg/kg		VU	8,700	27,200	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Lead	1,450	µg/kg		VU	359	1,090	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Magnesium	35,600	µg/kg		VU	9,240	32,600	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Manganese	12,400	µg/kg		VU	217	1,090	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Nickel	484	µg/kg	J	VU	163	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Potassium	34,300	µg/kg		VU	6,960	27,200	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Selenium	3,770	µg/kg		VU	544	3,260	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Silver	544	µg/kg	U	VU	109	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Sodium	27,200	µg/kg	U	VU	7,610	27,200	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Thallium	2,170	µg/kg	U	VU	544	2,170	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Vanadium	6,220	µg/kg		VU	109	544	µg/kg	REG
DAABFILL42	8/20/2014	EPA6010C	Zinc	1,410	µg/kg		VU	435	1,090	µg/kg	REG
DAABFILL42	8/20/2014	EPA7471B	Mercury	42.1	µg/kg		VU	4.23	12.6	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Aldrin	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Alpha-Chlordane	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	DDD	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	DDE	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	DDT	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endosulfan I	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Gamma-Chlordane	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Heptachlor	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Heptachlor Epoxide	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL42	8/20/2014	EPA8081B	Lindane	0.724	µg/kg	U	VU	0.181	0.724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Methoxychlor	7.24	µg/kg	U	VU	1.81	7.24	µg/kg	REG
DAABFILL42	8/20/2014	EPA8081B	Toxaphene	18.1	µg/kg	U	VU	6.03	18.1	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1016	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1221	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1232	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1242	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1248	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1254	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8082A	Aroclor 1260	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1-Dichloroethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.13	µg/kg	U	VU	0.566	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2-Dibromoethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,2-Dichloropropane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	1,4-Dioxane	56.6	µg/kg	U	VU	18.9	56.6	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	2-Hexanone	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Acetone	38.1	µg/kg		VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Benzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Bromochloromethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Bromodichloromethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Carbon Disulfide	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Carbon Tetrachloride	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Chlorobenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Chloroform	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Cyclohexane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Dibromochloromethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Ethylbenzene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	M,P-Xylene	2.27	µg/kg	U	VU	0.755	2.27	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Methyl Acetate	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.66	µg/kg	U	VU	1.89	5.66	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Methylcyclohexane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	O-Xylene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Styrene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Toluene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8260B	Trichlorofluoromethane	1.13	µg/kg	U	VU	0.377	1.13	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,1'-Biphenyl	362	µg/kg	U	VU	109	362	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL42	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,2-Dichlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,3-Dichlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,3-Dinitrobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,4-Dichlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,4-Dioxane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1,4-Naphthoquinone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	1-Naphthylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4-Dichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4-Dimethylphenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4-Dinitrophenol	724	µg/kg	U	VU	109	724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,4-Dinitrotoluene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,6-Dichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2,6-Dinitrotoluene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Acetylaminofluorene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Chloronaphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Chlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Methylnaphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Naphthylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Nitroaniline	362	µg/kg	U	VU	120	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Nitrophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	2-Picoline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	3-Methylcholanthrene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Aminobiphenyl	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Chloroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Nitrophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	362	µg/kg	U	VU	127	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Acenaphthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Acenaphthylene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Acetophenone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Aniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Aramite	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Atrazine	362	µg/kg	U	VU	145	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzaldehyde	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzo[A]Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzo[A]Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzoic Acid	724	µg/kg	U	VU	181	724	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Benzyl Alcohol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Caprolactam	362	µg/kg	U	VU	109	362	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL42	8/20/2014	EPA8270D	Carbazole	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Chlorobenzilate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Chrysene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Diallate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Dibenzofuran	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Diethyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Dimethoate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Dimethyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Dinitro-O-Cresol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Disulfoton	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Ethyl Methacrylate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Ethyl Methanesulfonate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Famphur	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Fluorene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachlorobutadiene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachloroethane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachlorophene	18,100	µg/kg	U	VU	4,200	18,100	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Hexachloropropene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Isodrin	362	µg/kg	U	VU	72.4	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Isophorone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Isosafrole	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Kepone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	M/P-Cresol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Methapyrilene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Methyl Methanesulfonate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Methyl Parathion	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	M-Nitroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Naphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Dioctyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Nitrobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosodiethylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosodimethylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosomorpholine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Parathion	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	P-Chloro-M-Cresol	362	µg/kg	U	VU	145	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pentachloroethane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pentachloroethane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pentachloronitrobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pentachlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Phenacetin	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Phenanthrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Phenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Phorate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	P-Nitroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	P-Phenylenediamine	18,100	µg/kg	U	VU	3,620	18,100	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pronamide	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Pyridine	362	µg/kg	U	VU	109	362	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL42	8/20/2014	EPA8270D	Safrole	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Sulfotepp	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA8270D	Thionazin	362	µg/kg	U	VU	109	362	µg/kg	REG
DAABFILL42	8/20/2014	EPA9012B	Cyanide	234	µg/kg	U	VU	78.3	234	µg/kg	REG
DAABFILL42	8/20/2014	RADA-001	Gross Alpha	17.9	pCi/g		VU	3.87	13.3	pCi/g	REG
DAABFILL42	8/20/2014	RADA-001	Nonvolatile Beta	15.5	pCi/g		VU	3.66	10.7	pCi/g	REG
DAABFILL43	8/20/2014	EPA6010C	Aluminum	1,180,000	µg/kg		VU	6,730	19,800	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Antimony	989	µg/kg	U	VU	326	989	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Arsenic	3,470	µg/kg		VU	495	2,970	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Barium	8,090	µg/kg		VU	99	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Beryllium	101	µg/kg	J	VU	99	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Cadmium	495	µg/kg	U	VU	99	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Calcium	12,800	µg/kg	J	VU	7,910	24,700	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Chromium	1,010	µg/kg	J	VU	148	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Cobalt	728	µg/kg		VU	148	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Copper	585	µg/kg	J	VU	297	989	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Iron	919,000	µg/kg		VU	7,910	24,700	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Lead	787	µg/kg	J	VU	326	989	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Magnesium	23,100	µg/kg	J	VU	8,410	29,700	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Manganese	90,100	µg/kg		VU	198	989	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Nickel	507	µg/kg		VU	148	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Potassium	19,700	µg/kg	J	VU	6,330	24,700	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Selenium	2,970	µg/kg	U	VU	495	2,970	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Silver	495	µg/kg	U	VU	99	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Sodium	24,700	µg/kg	U	VU	6,920	24,700	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Thallium	1,980	µg/kg	U	VU	495	1,980	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Vanadium	1,980	µg/kg		VU	98.9	495	µg/kg	REG
DAABFILL43	8/20/2014	EPA6010C	Zinc	791	µg/kg	J	VU	396	989	µg/kg	REG
DAABFILL43	8/20/2014	EPA7471B	Mercury	25.5	µg/kg		VU	4.01	12	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Aldrin	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Alpha-Chlordane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	DDD	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	DDE	1.73	µg/kg		VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	DDT	1.45	µg/kg		VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endosulfan I	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Gamma-Chlordane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Heptachlor	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Heptachlor Epoxide	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Lindane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Methoxychlor	7.19	µg/kg	U	VU	1.8	7.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8081B	Toxaphene	18	µg/kg	U	VU	5.99	18	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1016	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1221	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1232	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1242	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1248	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1254	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8082A	Aroclor 1260	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL43	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.519	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	1,4-Dioxane	51.9	µg/kg	U	VU	17.3	51.9	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	2-Hexanone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Acetone	28.6	µg/kg		VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Carbon Disulfide	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.693	2.08	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Methyl Acetate	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,1'-Biphenyl	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,2-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,3-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,3-Dinitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,4-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,4-Dioxane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1,4-Naphthoquinone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	1-Naphthylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,4-Dichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,4-Dimethylphenol	360	µg/kg	U	VU	108	360	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL43	8/20/2014	EPA8270D	2,4-Dinitrophenol	720	µg/kg	U	VU	108	720	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,4-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,6-Dichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2,6-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Acetylaminofluorene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Chloronaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Chlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Methylnaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Naphthylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Nitroaniline	360	µg/kg	U	VU	119	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	2-Picoline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	3-Methylcholanthrene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Aminobiphenyl	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Chloroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	360	µg/kg	U	VU	126	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Acenaphthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Acenaphthylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Acetophenone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Aniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Aramite	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Atrazine	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzaldehyde	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzo[A]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzo[A]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzoic Acid	720	µg/kg	U	VU	180	720	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Benzyl Alcohol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Caprolactam	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Carbazole	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Chlorobenzilate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Chrysene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Diallate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Dibenzofuran	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Diethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Dimethoate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Dimethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Dinitro-O-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Disulfoton	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Ethyl Methacrylate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Ethyl Methanesulfonate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Famphur	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL43	8/20/2014	EPA8270D	Fluorene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachlorobutadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachlorophene	18,000	µg/kg	U	VU	4,180	18,000	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Hexachloropropene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Isodrin	360	µg/kg	U	VU	72	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Isophorone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Isosafrole	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Kepone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	M/P-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Methapyrilene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Methyl Methanesulfonate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Methyl Parathion	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	M-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Naphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Dioctyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Nitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosodiethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosodimethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosomorpholine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Parathion	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	P-Chloro-M-Cresol	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pentachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pentachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pentachloronitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pentachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Phenacetin	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Phenanthrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Phenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Phorate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	P-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	P-Phenylenediamine	18,000	µg/kg	U	VU	3,600	18,000	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pronamide	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Pyridine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Safrole	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Sulfotepp	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA8270D	Thionazin	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL43	8/20/2014	EPA9012B	Cyanide	229	µg/kg	U	VU	76.4	229	µg/kg	REG
DAABFILL43	8/20/2014	RADA-001	Gross Alpha	-0.0306	pCi/g	U	VU	3.98	7.94	pCi/g	REG
DAABFILL43	8/20/2014	RADA-001	Nonvolatile Beta	1.53	pCi/g	U	VU	3.17	6.95	pCi/g	REG
DAABFILL44	8/20/2014	EPA6010C	Aluminum	5,910,000	µg/kg		VU	6,360	18,700	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Antimony	4,680	µg/kg	U	VU	1,540	4,680	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Arsenic	4,570	µg/kg		VU	468	2,810	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Barium	17,200	µg/kg		VU	93.6	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Beryllium	120	µg/kg	J	VU	93.6	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Cadmium	2,340	µg/kg	U	VU	468	2,340	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Calcium	99,900	µg/kg		VU	7,480	23,400	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Chromium	10,300	µg/kg		VU	140	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Cobalt	802	µg/kg		VU	140	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Copper	2,450	µg/kg		VU	281	936	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL44	8/20/2014	EPA6010C	Iron	16,200,000	µg/kg		VU	7,480	23,400	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Lead	3,710	µg/kg		VU	309	936	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Magnesium	65,100	µg/kg		VU	7,950	28,100	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Manganese	8,970	µg/kg		VU	187	936	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Nickel	1,730	µg/kg		VU	140	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Potassium	66,500	µg/kg		VU	5,990	23,400	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Selenium	2,810	µg/kg	U	VU	468	2,810	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Silver	468	µg/kg	U	VU	93.6	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Sodium	7,710	µg/kg	J	VU	6,550	23,400	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Thallium	1,870	µg/kg	U	VU	468	1,870	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Vanadium	27,700	µg/kg		VU	93.6	468	µg/kg	REG
DAABFILL44	8/20/2014	EPA6010C	Zinc	936	µg/kg	U	VU	374	936	µg/kg	REG
DAABFILL44	8/20/2014	EPA7471B	Mercury	38.7	µg/kg		VU	4.08	12.2	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Aldrin	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Alpha-Benzene Hexachloride	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Alpha-Chlordane	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Beta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	DDD	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	DDE	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	DDT	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Delta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endosulfan I	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Gamma-Chlordane	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Heptachlor	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Heptachlor Epoxide	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Lindane	0.726	µg/kg	U	VU	0.181	0.726	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Methoxychlor	7.26	µg/kg	U	VU	1.81	7.26	µg/kg	REG
DAABFILL44	8/20/2014	EPA8081B	Toxaphene	18.1	µg/kg	U	VU	6.04	18.1	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1016	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1221	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1232	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1242	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1248	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1254	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8082A	Aroclor 1260	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.544	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	1,4-Dioxane	54.4	µg/kg	U	VU	18.2	54.4	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	2-Hexanone	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Acetone	6.83	µg/kg		VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL44	8/20/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Carbon Disulfide	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	M,P-Xylene	2.18	µg/kg	U	VU	0.726	2.18	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Methyl Acetate	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Methyl Ethyl Ketone	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Methyl Isobutyl Ketone	5.44	µg/kg	U	VU	1.82	5.44	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Tetrachloroethylene(PCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,1'-Biphenyl	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,2,4-Trchlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,2-Dichlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1 2-Diphenylhydrazine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,3,5-Trinitrobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,3-Dichlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,3-Dinitrobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,4-Dichlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,4-Dioxane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1,4-Naphthoquinone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	1-Naphthylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4,5-Trichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4,6-Trichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4-Dichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4-Dimethylphenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4-Dinitrophenol	725	µg/kg	U	VU	109	725	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,4-Dinitrotoluene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,6-Dichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2,6-Dinitrotoluene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Acetylaminofluorene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Chloronaphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Chlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Methylaniline (O-Toluidine)	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Methylnaphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Naphthylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Nitroaniline	363	µg/kg	U	VU	120	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Nitrophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	2-Picoline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	3,3-Dichlorobenzidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	3,3'-Dimethylbenzidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	3-Methylcholanthrene	363	µg/kg	U	VU	109	363	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL44	8/20/2014	EPA8270D	4-Aminobiphenyl	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	4-Bromophenyl Phenyl Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	4-Chloroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	4-Nitrophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	4-Nitoquinoline-1-Oxide	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	5-Nitro-O-Toluidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	A,A-Dimethylphenethylamine	363	µg/kg	U	VU	127	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Acenaphthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Acenaphthylene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Acetophenone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Aniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Aramite	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Atrazine	363	µg/kg	U	VU	145	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzaldehyde	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzo(G,H,I)Perylene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzo[A]Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzo[A]Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzo[B]Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzo[K]Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzoic Acid	725	µg/kg	U	VU	181	725	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Benzyl Alcohol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Bis(2-Chloroethyl)Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Butyl Benzyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Caprolactam	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Carbazole	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Chlorobenzilate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Chrysene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Diallate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Dibenz[A,H]Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Dibenzofuran	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Diethyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Dimethoate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Dimethyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Di-N-Butyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Dinitro-O-Cresol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Disulfoton	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Ethyl Methacrylate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Ethyl Methanesulfonate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Famphur	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Fluorene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachlorobutadiene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachlorocyclopentadiene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachloroethane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachlorophene	18,100	µg/kg	U	VU	4,210	18,100	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Hexachloropropene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Isodrin	363	µg/kg	U	VU	72.5	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Isophorone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Isosafrole	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Kepone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	M/P-Cresol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Methapyrilene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Methyl Methanesulfonate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Methyl Parathion	363	µg/kg	U	VU	109	363	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL44	8/20/2014	EPA8270D	M-Nitroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Naphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Dioctyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Nitrobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosodiethylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosodimethylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosodi-N-Butylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosodiphenylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosomorpholine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitroso-N-Methylethylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	N-Nitrosopyrrolidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	O-Cresol (2-Methylphenol)	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Parathion	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	P-Chloro-M-Cresol	363	µg/kg	U	VU	145	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	P-Dimethylaminoazobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pentachloroethane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pentachloroethane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pentachloronitrobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pentachlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Phenacetin	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Phenanthrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Phenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Phorate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	P-Nitroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	P-Phenylenediamine	18,100	µg/kg	U	VU	3,630	18,100	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pronamide	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Pyridine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Safrole	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Sulfotepp	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA8270D	Thionazin	363	µg/kg	U	VU	109	363	µg/kg	REG
DAABFILL44	8/20/2014	EPA9012B	Cyanide	231	µg/kg	U	VU	77.1	231	µg/kg	REG
DAABFILL44	8/20/2014	RADA-001	Gross Alpha	6.34	pCi/g	J	VU	4.14	10.4	pCi/g	REG
DAABFILL44	8/20/2014	RADA-001	Nonvolatile Beta	5.73	pCi/g	J	VU	3.57	8.59	pCi/g	REG
DAABFILL45	8/19/2014	EPA6010C	Aluminum	380,000	µg/kg		VU	6,540	19,200	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Antimony	962	µg/kg	U	VU	317	962	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Arsenic	2,890	µg/kg	U	VU	481	2,890	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Barium	2,060	µg/kg		VU	96.2	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Beryllium	481	µg/kg	U	VU	96.2	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Cadmium	481	µg/kg	U	VU	96.2	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Calcium	24,100	µg/kg	U	VU	7,700	24,100	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Chromium	777	µg/kg		VU	144	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Cobalt	157	µg/kg	J	VU	144	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Copper	962	µg/kg	U	VU	289	962	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Iron	391,000	µg/kg		VU	7,700	24,100	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Lead	962	µg/kg	U	VU	317	962	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Magnesium	8,410	µg/kg	J	VU	8,180	28,900	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Manganese	8,380	µg/kg		VU	192	962	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Nickel	278	µg/kg	J	VU	144	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Potassium	9,790	µg/kg	J	VU	6,160	24,100	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Selenium	1,500	µg/kg	J	VU	481	2,890	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Silver	481	µg/kg	U	VU	96.2	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Sodium	24,100	µg/kg	U	VU	6,730	24,100	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Thallium	1,920	µg/kg	U	VU	481	1,920	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Vanadium	758	µg/kg		VU	96.2	481	µg/kg	REG
DAABFILL45	8/19/2014	EPA6010C	Zinc	519	µg/kg	J	VU	385	962	µg/kg	REG
DAABFILL45	8/19/2014	EPA7471B	Mercury	7.16	µg/kg	J	VU	3.87	11.5	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Aldrin	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Alpha-Chlordane	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL45	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	DDD	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	DDE	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	DDT	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endosulfan I	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.359	1.43	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Gamma-Chlordane	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Heptachlor	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Heptachlor Epoxide	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Lindane	0.717	µg/kg	U	VU	0.179	0.717	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Methoxychlor	7.17	µg/kg	U	VU	1.79	7.17	µg/kg	REG
DAABFILL45	8/19/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.97	17.9	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1016	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1221	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1232	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1242	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1248	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1254	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8082A	Aroclor 1260	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1,1-Trchloroethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1,2-Trichloroethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1-Dichloroethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,1-Dichloroethylene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.987	µg/kg	U	VU	0.493	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2-Dibromoethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2-Dichlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,2-Dichloropropane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,3-Dichlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,4-Dichlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	1,4-Dioxane	49.3	µg/kg	U	VU	16.4	49.3	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	2-Hexanone	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Acetone	40	µg/kg		VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Benzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Bromochloromethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Bromodichloromethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Carbon Disulfide	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Carbon Tetrachloride	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Chlorobenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Chloroform	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Cyclohexane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Dibromochloromethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Dichlorodifluoromethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Ethylbenzene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL45	8/19/2014	EPA8260B	M,P-Xylene	1.97	µg/kg	U	VU	0.658	1.97	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Methyl Acetate	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Methyl Ethyl Ketone	2.33	µg/kg	J	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Methylcyclohexane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	O-Xylene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Styrene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Toluene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Trichloroethylene (TCE)	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8260B	Trichlorofluoromethane	0.987	µg/kg	U	VU	0.329	0.987	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,1'-Biphenyl	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,2-Dichlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,3-Dichlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,3-Dinitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,4-Dichlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,4-Dioxane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1,4-Naphthoquinone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	1-Naphthylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4-Dichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4-Dimethylphenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4-Dinitrophenol	721	µg/kg	U	VU	108	721	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,4-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,6-Dichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2,6-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Acetylaminofluorene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Chloronaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Chlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Methylnaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Naphthylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Nitroaniline	361	µg/kg	U	VU	119	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	2-Picoline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	3-Methylcholanthrene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Aminobiphenyl	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Chloroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	361	µg/kg	U	VU	126	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Acenaphthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Acenaphthylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Acetophenone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Aniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Aramite	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Atrazine	361	µg/kg	U	VU	144	361	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL45	8/19/2014	EPA8270D	Benzaldehyde	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzo[A]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzo[A]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzoic Acid	721	µg/kg	U	VU	180	721	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Benzyl Alcohol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Caprolactam	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Carbazole	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Chlorobenzilate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Chrysene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Diallate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Dibenzofuran	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Diethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Dimethoate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Dimethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Dinitro-O-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Disulfoton	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Ethyl Methacrylate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Ethyl Methanesulfonate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Famphur	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Fluorene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachlorobutadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachloroethane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachlorophene	18,000	µg/kg	U	VU	4,180	18,000	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Hexachloropropene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Isodrin	361	µg/kg	U	VU	72.1	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Isophorone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Isosafrole	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Kepone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	M/P-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Methapyrilene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Methyl Methanesulfonate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Methyl Parathion	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	M-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Naphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Dioctyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Nitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosodiethylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosodimethylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosomorpholine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Parathion	361	µg/kg	U	VU	108	361	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL45	8/19/2014	EPA8270D	P-Chloro-M-Cresol	361	µg/kg	U	VU	144	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pentachloroethane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pentachloroethane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pentachloronitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pentachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Phenacetin	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Phenanthrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Phenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Phorate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	P-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	P-Phenylenediamine	18,000	µg/kg	U	VU	3,610	18,000	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pronamide	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Pyridine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Safrole	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Sulfotepp	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA8270D	Thionazin	361	µg/kg	U	VU	108	361	µg/kg	REG
DAABFILL45	8/19/2014	EPA9012B	Cyanide	266	µg/kg	U	VU	88.8	266	µg/kg	REG
DAABFILL45	8/19/2014	RADA-001	Gross Alpha	5.11	pCi/g	J	VU	3.86	9.66	pCi/g	REG
DAABFILL45	8/19/2014	RADA-001	Nonvolatile Beta	6.63	pCi/g	J	VU	3.29	8.47	pCi/g	REG
DAABFILL46	8/19/2014	EPA6010C	Aluminum	497,000	µg/kg		VU	7,200	21,200	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Antimony	1,060	µg/kg	U	VU	349	1,060	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Arsenic	31,700	µg/kg	U	VU	5,290	31,700	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Barium	2,910	µg/kg		VU	106	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Beryllium	529	µg/kg	U	VU	106	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Cadmium	529	µg/kg	U	VU	106	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Calcium	12,600	µg/kg	J	VU	8,470	26,500	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Chromium	726	µg/kg		VU	159	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Cobalt	193	µg/kg	J	VU	159	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Copper	1,060	µg/kg	U	VU	317	1,060	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Iron	514,000	µg/kg		VU	8,470	26,500	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Lead	1,060	µg/kg	U	VU	349	1,060	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Magnesium	17,500	µg/kg	J	VU	9,000	31,700	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Manganese	13,300	µg/kg		VU	212	1,060	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Nickel	262	µg/kg	J	VU	159	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Potassium	15,100	µg/kg	J	VU	6,770	26,500	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Selenium	5,130	µg/kg		VU	529	3,170	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Silver	529	µg/kg	U	VU	106	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Sodium	26,500	µg/kg	U	VU	7,410	26,500	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Thallium	2,120	µg/kg	U	VU	529	2,120	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Vanadium	884	µg/kg		VU	106	529	µg/kg	REG
DAABFILL46	8/19/2014	EPA6010C	Zinc	805	µg/kg	J	VU	423	1,060	µg/kg	REG
DAABFILL46	8/19/2014	EPA7471B	Mercury	12.7	µg/kg	U	VU	4.27	12.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Aldrin	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Alpha-Chlordane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	DDD	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	DDE	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	DDT	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Dieldrin	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endosulfan I	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endosulfan II	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endosulfan Sulfate	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endrin	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endrin Aldehyde	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Endrin Ketone	1.47	µg/kg	U	VU	0.367	1.47	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Gamma-Chlordane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Heptachlor	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Heptachlor Epoxide	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Lindane	0.735	µg/kg	U	VU	0.184	0.735	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL46	8/19/2014	EPA8081B	Methoxychlor	7.35	µg/kg	U	VU	1.84	7.35	µg/kg	REG
DAABFILL46	8/19/2014	EPA8081B	Toxaphene	18.4	µg/kg	U	VU	6.12	18.4	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1016	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1221	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1232	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1242	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1248	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1254	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8082A	Aroclor 1260	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1-Dichloroethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.06	µg/kg	U	VU	0.53	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2-Dibromoethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,2-Dichloropropane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	1,4-Dioxane	53	µg/kg	U	VU	17.7	53	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	2-Hexanone	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Acetone	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Benzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Bromochloromethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Bromodichloromethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Carbon Disulfide	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Carbon Tetrachloride	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Chlorobenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Chloroform	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Cyclohexane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Dibromochloromethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Ethylbenzene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	M,P-Xylene	2.12	µg/kg	U	VU	0.707	2.12	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Methyl Acetate	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.3	µg/kg	U	VU	1.77	5.3	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Methylcyclohexane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	O-Xylene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Styrene	0.392	µg/kg	J	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Toluene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8260B	Trichlorofluoromethane	1.06	µg/kg	U	VU	0.353	1.06	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,1'-Biphenyl	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL46	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,2-Dichlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,3-Dichlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,3-Dinitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,4-Dichlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,4-Dioxane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1,4-Naphthoquinone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	1-Naphthylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4-Dichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4-Dimethylphenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4-Dinitrophenol	733	µg/kg	U	VU	110	733	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,4-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,6-Dichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2,6-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Acetylaminofluorene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Chloronaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Chlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Methylnaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Naphthylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Nitroaniline	367	µg/kg	U	VU	121	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	2-Picoline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	3-Methylcholanthrene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Aminobiphenyl	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Chloroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	367	µg/kg	U	VU	128	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Acenaphthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Acenaphthylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Acetophenone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Aniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Aramite	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Atrazine	367	µg/kg	U	VU	147	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzaldehyde	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzo[A]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzo[A]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzoic Acid	733	µg/kg	U	VU	183	733	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Benzyl Alcohol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Caprolactam	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Carbazole	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL46	8/19/2014	EPA8270D	Chlorobenzilate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Chrysene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Diallate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Dibenzofuran	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Diethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Dimethoate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Dimethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Dinitro-O-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Disulfoton	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Ethyl Methacrylate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Ethyl Methanesulfonate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Famphur	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Fluorene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachlorobutadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachloroethane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachlorophene	18,300	µg/kg	U	VU	4,250	18,300	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Hexachloropropene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Isodrin	367	µg/kg	U	VU	73.3	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Isophorone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Isosafrole	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Kepone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	M/P-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Methapyrilene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Methyl Methanesulfonate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Methyl Parathion	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	M-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Naphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Dioctyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Nitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosodiethylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosodimethylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosomorpholine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Parathion	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	P-Chloro-M-Cresol	367	µg/kg	U	VU	147	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pentachloroethane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pentachloroethane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pentachloronitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pentachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Phenacetin	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Phenanthrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Phenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Phorate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	P-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	P-Phenylenediamine	18,300	µg/kg	U	VU	3,670	18,300	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pronamide	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Pyridine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Safrole	367	µg/kg	U	VU	110	367	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL46	8/19/2014	EPA8270D	Sulfotepp	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA8270D	Thionazin	367	µg/kg	U	VU	110	367	µg/kg	REG
DAABFILL46	8/19/2014	EPA9012B	Cyanide	265	µg/kg	U	VU	88.5	265	µg/kg	REG
DAABFILL46	8/19/2014	RADA-001	Gross Alpha	8.85	pCi/g	J	VU	3.98	11.6	pCi/g	REG
DAABFILL46	8/19/2014	RADA-001	Nonvolatile Beta	5.93	pCi/g	J	VU	3.98	9.74	pCi/g	REG
DAABFILL47	8/19/2014	EPA6010C	Aluminum	1,510,000	µg/kg		VU	7,120	21,000	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Antimony	361	µg/kg	J	VU	346	1,050	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Arsenic	31,400	µg/kg	U	VU	5,240	31,400	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Barium	13,000	µg/kg		VU	105	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Beryllium	524	µg/kg	U	VU	105	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Cadmium	524	µg/kg	U	VU	105	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Calcium	25,300	µg/kg	J	VU	8,380	26,200	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Chromium	1,060	µg/kg		VU	157	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Cobalt	649	µg/kg		VU	157	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Copper	696	µg/kg	J	VU	314	1,050	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Iron	1,460,000	µg/kg		VU	8,380	26,200	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Lead	711	µg/kg	J	VU	346	1,050	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Magnesium	46,600	µg/kg		VU	8,900	31,400	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Manganese	27,000	µg/kg		VU	210	1,050	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Nickel	598	µg/kg		VU	157	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Potassium	38,500	µg/kg		VU	6,700	26,200	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Selenium	3,230	µg/kg		VU	524	3,140	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Silver	524	µg/kg	U	VU	105	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Sodium	26,200	µg/kg	U	VU	7,330	26,200	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Thallium	2,100	µg/kg	U	VU	524	2,100	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Vanadium	2,460	µg/kg		VU	105	524	µg/kg	REG
DAABFILL47	8/19/2014	EPA6010C	Zinc	1,550	µg/kg		VU	419	1,050	µg/kg	REG
DAABFILL47	8/19/2014	EPA7471B	Mercury	12.4	µg/kg		VU	3.64	10.9	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Aldrin	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Alpha-Chlordane	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	DDD	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	DDE	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	DDT	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Dieldrin	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endosulfan I	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endosulfan II	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endosulfan Sulfate	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endrin	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endrin Aldehyde	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Endrin Ketone	1.39	µg/kg	U	VU	0.349	1.39	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Gamma-Chlordane	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Heptachlor	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Heptachlor Epoxide	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Lindane	0.697	µg/kg	U	VU	0.174	0.697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Methoxychlor	6.97	µg/kg	U	VU	1.74	6.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8081B	Toxaphene	17.4	µg/kg	U	VU	5.81	17.4	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1016	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1221	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1232	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1242	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1248	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1254	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8082A	Aroclor 1260	3.48	µg/kg	U	VU	1.16	3.48	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1,1-Trchloroethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1,2-Trichloroethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1-Dichloroethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,1-Dichloroethylene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL47	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	0.97	µg/kg	U	VU	0.485	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2-Dibromoethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2-Dichlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,2-Dichloropropane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,3-Dichlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,4-Dichlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	1,4-Dioxane	48.5	µg/kg	U	VU	16.2	48.5	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	2-Hexanone	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Acetone	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Benzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Bromochloromethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Bromodichloromethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Carbon Disulfide	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Carbon Tetrachloride	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Chlorobenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Chloroform	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Cyclohexane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Dibromochloromethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Dichlorodifluoromethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Ethylbenzene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	M,P-Xylene	0.883	µg/kg	J	VU	0.647	1.94	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Methyl Acetate	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Methyl Ethyl Ketone	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	4.85	µg/kg	U	VU	1.62	4.85	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Methylcyclohexane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	O-Xylene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Styrene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Toluene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Trichloroethylene (TCE)	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8260B	Trichlorofluoromethane	0.97	µg/kg	U	VU	0.323	0.97	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,1'-Biphenyl	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,2-Dichlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,3-Dichlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,3-Dinitrobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,4-Dichlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,4-Dioxane	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1,4-Naphthoquinone	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	1-Naphthylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,4-Dichlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,4-Dimethylphenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,4-Dinitrophenol	697	µg/kg	U	VU	105	697	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL47	8/19/2014	EPA8270D	2,4-Dinitrotoluene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,6-Dichlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2,6-Dinitrotoluene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Acetylaminofluorene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Chloronaphthalene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Chlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Methylnaphthalene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Naphthylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Nitroaniline	348	µg/kg	U	VU	115	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Nitrophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	2-Picoline	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	3-Methylcholanthrene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Aminobiphenyl	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Chloroaniline	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Nitrophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	348	µg/kg	U	VU	122	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Acenaphthene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Acenaphthylene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Acetophenone	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Aniline	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Anthracene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Aramite	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Atrazine	348	µg/kg	U	VU	139	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzaldehyde	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzo[A]Anthracene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzo[A]Pyrene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzoic Acid	697	µg/kg	U	VU	174	697	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Benzyl Alcohol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Caprolactam	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Carbazole	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Chlorobenzilate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Chrysene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Diallate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Dibenzofuran	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Diethyl Phthalate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Dimethoate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Dimethyl Phthalate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Dinitro-O-Cresol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Disulfoton	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Ethyl Methacrylate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Ethyl Methanesulfonate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Famphur	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Fluoranthene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Fluorene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL47	8/19/2014	EPA8270D	Hexachlorobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Hexachlorobutadiene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Hexachloroethane	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Hexachlorophene	17,400	µg/kg	U	VU	4,040	17,400	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Hexachloropropene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Isodrin	348	µg/kg	U	VU	69.7	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Isophorone	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Isosafrole	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Kepone	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	M/P-Cresol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Methapyrilene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Methyl Methanesulfonate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Methyl Parathion	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	M-Nitroaniline	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Naphthalene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Dioctyl Phthalate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Nitrobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosodiethylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosodimethylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosomorpholine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Parathion	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	P-Chloro-M-Cresol	348	µg/kg	U	VU	139	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pentachloroethane	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pentachloroethane	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pentachloronitrobenzene	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pentachlorophenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Phenacetin	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Phenanthrene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Phenol	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Phorate	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	P-Nitroaniline	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	P-Phenylenediamine	17,400	µg/kg	U	VU	3,480	17,400	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pronamide	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pyrene	34.8	µg/kg	U	VU	10.5	34.8	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Pyridine	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Safrole	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Sulfotepp	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA8270D	Thionazin	348	µg/kg	U	VU	105	348	µg/kg	REG
DAABFILL47	8/19/2014	EPA9012B	Cyanide	262	µg/kg	U	VU	87.5	262	µg/kg	REG
DAABFILL47	8/19/2014	RADA-001	Gross Alpha	1.49	pCi/g	U	VU	3.92	8.44	pCi/g	REG
DAABFILL47	8/19/2014	RADA-001	Nonvolatile Beta	2.78	pCi/g	U	VU	3.1	7.06	pCi/g	REG
DAABFILL48	8/19/2014	EPA6010C	Aluminum	1,470,000	µg/kg		VU	7,600	22,300	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Antimony	1,120	µg/kg	U	VU	369	1,120	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Arsenic	33,500	µg/kg	U	VU	5,590	33,500	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Barium	4,910	µg/kg		VU	112	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Beryllium	559	µg/kg	U	VU	112	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Cadmium	559	µg/kg	U	VU	112	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Calcium	29,700	µg/kg		VU	8,940	27,900	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Chromium	1,490	µg/kg		VU	168	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Cobalt	253	µg/kg	J	VU	168	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Copper	661	µg/kg	J	VU	335	1,120	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Iron	1,500,000	µg/kg		VU	8,940	27,900	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL48	8/19/2014	EPA6010C	Lead	670	µg/kg	J	VU	369	1,120	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Magnesium	30,800	µg/kg	J	VU	9,500	33,500	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Manganese	9,180	µg/kg		VU	223	1,120	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Nickel	708	µg/kg		VU	168	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Potassium	28,600	µg/kg		VU	7,150	27,900	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Selenium	4,780	µg/kg		VU	559	3,350	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Silver	559	µg/kg	U	VU	112	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Sodium	27,900	µg/kg	U	VU	7,820	27,900	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Thallium	2,230	µg/kg	U	VU	559	2,230	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Vanadium	2,600	µg/kg		VU	112	559	µg/kg	REG
DAABFILL48	8/19/2014	EPA6010C	Zinc	1,360	µg/kg		VU	447	1,120	µg/kg	REG
DAABFILL48	8/19/2014	EPA7471B	Mercury	12.5	µg/kg	J	VU	4.3	12.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Aldrin	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Alpha-Chlordane	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	DDD	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	DDE	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	DDT	1.65	µg/kg		VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Dieldrin	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endosulfan I	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endosulfan II	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endosulfan Sulfate	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endrin	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endrin Aldehyde	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Endrin Ketone	1.6	µg/kg	U	VU	0.399	1.6	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Gamma-Chlordane	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Heptachlor	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Heptachlor Epoxide	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Lindane	0.798	µg/kg	U	VU	0.199	0.798	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Methoxychlor	7.98	µg/kg	U	VU	1.99	7.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8081B	Toxaphene	19.9	µg/kg	U	VU	6.64	19.9	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1016	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1221	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1232	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1242	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1248	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1254	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8082A	Aroclor 1260	3.98	µg/kg	U	VU	1.32	3.98	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1-Dichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.13	µg/kg	U	VU	0.565	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2-Dibromoethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,2-Dichloropropane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	1,4-Dioxane	56.5	µg/kg	U	VU	18.8	56.5	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	2-Hexanone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Acetone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Benzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Bromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Bromodichloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL48	8/19/2014	EPA8260B	Carbon Disulfide	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Carbon Tetrachloride	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Chlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Chloroform	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Cyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Dibromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	2.54	µg/kg	J	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Ethylbenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	M,P-Xylene	2.26	µg/kg	U	VU	0.754	2.26	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Methyl Acetate	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Methylcyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	O-Xylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Styrene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Toluene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8260B	Trichlorofluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,1'-Biphenyl	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,2-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,3-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,3-Dinitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,4-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,4-Dioxane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1,4-Naphthoquinone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	1-Naphthylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4-Dichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4-Dimethylphenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4-Dinitrophenol	796	µg/kg	U	VU	119	796	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,4-Dinitrotoluene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,6-Dichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2,6-Dinitrotoluene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Acetylaminofluorene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Chloronaphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Chlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Methylnaphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Naphthylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Nitroaniline	398	µg/kg	U	VU	131	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Nitrophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	2-Picoline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	3-Methylcholanthrene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	4-Aminobiphenyl	398	µg/kg	U	VU	119	398	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL48	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	4-Chloroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	4-Nitrophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	398	µg/kg	U	VU	139	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Acenaphthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Acenaphthylene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Acetophenone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Aniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Aramite	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Atrazine	398	µg/kg	U	VU	159	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzaldehyde	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzo[A]Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzo[A]Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzoic Acid	796	µg/kg	U	VU	199	796	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Benzyl Alcohol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Caprolactam	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Carbazole	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Chlorobenzilate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Chrysene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Diallate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Dibenzofuran	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Diethyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Dimethoate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Dimethyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Dinitro-O-Cresol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Disulfoton	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Ethyl Methacrylate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Ethyl Methanesulfonate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Famphur	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Fluorene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachlorobutadiene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachlorophene	19,900	µg/kg	U	VU	4,620	19,900	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Hexachloropropene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Isodrin	398	µg/kg	U	VU	79.6	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Isophorone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Isosafrole	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Kepone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	M/P-Cresol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Methapyrilene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Methyl Methanesulfonate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Methyl Parathion	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	M-Nitroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL48	8/19/2014	EPA8270D	Naphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Dioctyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Nitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosodiethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosodimethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosomorpholine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Parathion	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	P-Chloro-M-Cresol	398	µg/kg	U	VU	159	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pentachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pentachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pentachloronitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pentachlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Phenacetin	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Phenanthrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Phenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Phorate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	P-Nitroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	P-Phenylenediamine	19,900	µg/kg	U	VU	3,980	19,900	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pronamide	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Pyridine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Safrole	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Sulfotepp	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA8270D	Thionazin	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL48	8/19/2014	EPA9012B	Cyanide	282	µg/kg	U	VU	94.3	282	µg/kg	REG
DAABFILL48	8/19/2014	RADA-001	Gross Alpha	7.39	pCi/g	J	VU	3.23	9.87	pCi/g	REG
DAABFILL48	8/19/2014	RADA-001	Nonvolatile Beta	6.81	pCi/g	J	VU	4.6	11.1	pCi/g	REG
DAABFILL49	8/19/2014	EPA6010C	Aluminum	1,870,000	µg/kg		VU	7,690	22,600	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Antimony	523	µg/kg	J	VU	373	1,130	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Arsenic	33,900	µg/kg	U	VU	5,650	33,900	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Barium	10,100	µg/kg		VU	113	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Beryllium	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Cadmium	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Calcium	55,400	µg/kg		VU	9,040	28,300	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Chromium	1,470	µg/kg		VU	170	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Cobalt	257	µg/kg	J	VU	170	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Copper	744	µg/kg	J	VU	339	1,130	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Iron	2,520,000	µg/kg		VU	9,040	28,300	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Lead	801	µg/kg	J	VU	373	1,130	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Magnesium	38,600	µg/kg		VU	9,610	33,900	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Manganese	4,200	µg/kg		VU	226	1,130	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Nickel	547	µg/kg	J	VU	170	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Potassium	39,500	µg/kg		VU	7,230	28,300	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Selenium	6,030	µg/kg		VU	565	3,390	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Silver	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Sodium	28,300	µg/kg	U	VU	7,910	28,300	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Thallium	2,260	µg/kg	U	VU	565	2,260	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Vanadium	4,750	µg/kg		VU	113	565	µg/kg	REG
DAABFILL49	8/19/2014	EPA6010C	Zinc	1,160	µg/kg		VU	452	1,130	µg/kg	REG
DAABFILL49	8/19/2014	EPA7471B	Mercury	26.3	µg/kg		VU	4.43	13.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Aldrin	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Alpha-Chlordane	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL49	8/19/2014	EPA8081B	DDD	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	DDE	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	DDT	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Dieldrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endosulfan I	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endosulfan II	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endosulfan Sulfate	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endrin	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endrin Aldehyde	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Endrin Ketone	1.57	µg/kg	U	VU	0.392	1.57	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Gamma-Chlordane	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Heptachlor	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Heptachlor Epoxide	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Lindane	0.785	µg/kg	U	VU	0.196	0.785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Methoxychlor	7.85	µg/kg	U	VU	1.96	7.85	µg/kg	REG
DAABFILL49	8/19/2014	EPA8081B	Toxaphene	19.6	µg/kg	U	VU	6.53	19.6	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1016	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1221	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1232	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1242	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1248	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1254	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8082A	Aroclor 1260	3.91	µg/kg	U	VU	1.3	3.91	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.545	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	1,4-Dioxane	54.5	µg/kg	U	VU	18.2	54.5	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	2-Hexanone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Acetone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Carbon Disulfide	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	M,P-Xylene	2.18	µg/kg	U	VU	0.727	2.18	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL49	8/19/2014	EPA8260B	Methyl Acetate	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.45	µg/kg	U	VU	1.82	5.45	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Styrene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.363	1.09	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,1'-Biphenyl	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,2-Dichlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,3-Dichlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,3-Dinitrobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,4-Dichlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,4-Dioxane	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1,4-Naphthoquinone	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	1-Naphthylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4-Dichlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4-Dimethylphenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4-Dinitrophenol	785	µg/kg	U	VU	118	785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,4-Dinitrotoluene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,6-Dichlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2,6-Dinitrotoluene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Acetylaminofluorene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Chloronaphthalene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Chlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Methylnaphthalene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Naphthylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Nitroaniline	392	µg/kg	U	VU	129	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Nitrophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	2-Picoline	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	3-Methylcholanthrene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Aminobiphenyl	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Chloroaniline	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Nitrophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	392	µg/kg	U	VU	137	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Acenaphthene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Acenaphthylene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Acetophenone	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Aniline	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Anthracene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Aramite	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Atrazine	392	µg/kg	U	VU	157	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzaldehyde	392	µg/kg	U	VU	118	392	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL49	8/19/2014	EPA8270D	Benzidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzo[A]Anthracene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzo[A]Pyrene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzoic Acid	785	µg/kg	U	VU	196	785	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Benzyl Alcohol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Caprolactam	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Carbazole	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Chlorobenzilate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Chrysene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Diallate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Dibenzofuran	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Diethyl Phthalate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Dimethoate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Dimethyl Phthalate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Dinitro-O-Cresol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Disulfoton	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Ethyl Methacrylate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Ethyl Methanesulfonate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Famphur	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Fluoranthene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Fluorene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachlorobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachlorobutadiene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachloroethane	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachlorophene	19,600	µg/kg	U	VU	4,550	19,600	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Hexachloropropene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Isodrin	392	µg/kg	U	VU	78.5	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Isophorone	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Isosafrole	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Kepone	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	M/P-Cresol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Methapyrilene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Methyl Methanesulfonate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Methyl Parathion	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	M-Nitroaniline	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Naphthalene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Dioctyl Phthalate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Nitrobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosodiethylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosodimethylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosomorpholine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Parathion	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	P-Chloro-M-Cresol	392	µg/kg	U	VU	157	392	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL49	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pentachloroethane	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pentachloroethane	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pentachloronitrobenzene	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pentachlorophenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Phenacetin	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Phenanthrene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Phenol	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Phorate	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	P-Nitroaniline	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	P-Phenylenediamine	19,600	µg/kg	U	VU	3,920	19,600	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pronamide	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pyrene	39.2	µg/kg	U	VU	11.8	39.2	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Pyridine	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Safrole	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Sulfotepp	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA8270D	Thionazin	392	µg/kg	U	VU	118	392	µg/kg	REG
DAABFILL49	8/19/2014	EPA9012B	Cyanide	250	µg/kg	U	VU	83.4	250	µg/kg	REG
DAABFILL49	8/19/2014	RADA-001	Gross Alpha	8.86	pCi/g	J	VU	3.96	10.6	pCi/g	REG
DAABFILL49	8/19/2014	RADA-001	Nonvolatile Beta	4.57	pCi/g	U	VU	4.9	11.2	pCi/g	REG
DAABFILL50	8/19/2014	EPA6010C	Aluminum	1,180,000	µg/kg		VU	6,670	19,600	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Antimony	363	µg/kg	J	VU	324	981	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Arsenic	29,400	µg/kg	U	VU	4,900	29,400	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Barium	7,880	µg/kg		VU	98.1	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Beryllium	490	µg/kg	U	VU	98.1	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Cadmium	490	µg/kg	U	VU	98.1	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Calcium	19,100	µg/kg	J	VU	7,840	24,500	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Chromium	1,330	µg/kg		VU	147	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Cobalt	444	µg/kg	J	VU	147	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Copper	440	µg/kg	J	VU	294	981	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Iron	1,210,000	µg/kg		VU	7,840	24,500	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Lead	614	µg/kg	J	VU	324	981	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Magnesium	29,500	µg/kg		VU	8,330	29,400	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Manganese	12,600	µg/kg		VU	196	981	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Nickel	482	µg/kg	J	VU	147	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Potassium	30,000	µg/kg		VU	6,280	24,500	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Selenium	4,940	µg/kg		VU	490	2,940	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Silver	490	µg/kg	U	VU	98.1	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Sodium	24,500	µg/kg	U	VU	6,860	24,500	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Thallium	1,960	µg/kg	U	VU	490	1,960	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Vanadium	2,500	µg/kg		VU	98.1	490	µg/kg	REG
DAABFILL50	8/19/2014	EPA6010C	Zinc	931	µg/kg	J	VU	392	981	µg/kg	REG
DAABFILL50	8/19/2014	EPA7471B	Mercury	18.8	µg/kg		VU	3.89	11.6	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Aldrin	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Alpha-Chlordane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	DDD	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	DDE	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	DDT	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Dieldrin	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endosulfan I	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endosulfan II	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endosulfan Sulfate	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endrin	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endrin Aldehyde	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Endrin Ketone	1.41	µg/kg	U	VU	0.354	1.41	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Gamma-Chlordane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Heptachlor	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Heptachlor Epoxide	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Lindane	0.707	µg/kg	U	VU	0.177	0.707	µg/kg	REG
DAABFILL50	8/19/2014	EPA8081B	Methoxychlor	7.07	µg/kg	U	VU	1.77	7.07	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL50	8/19/2014	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.89	17.7	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1016	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1221	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1232	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1242	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1248	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1254	3.53	µg/kg	U	VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8082A	Aroclor 1260	13.8	µg/kg		VU	1.17	3.53	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.52	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	1,4-Dioxane	52	µg/kg	U	VU	17.3	52	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	2-Hexanone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Acetone	3.95	µg/kg	J	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Carbon Disulfide	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	3.08	µg/kg	J	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	M,P-Xylene	0.843	µg/kg	J	VU	0.694	2.08	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Methyl Acetate	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,1'-Biphenyl	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL50	8/19/2014	EPA8270D	1,2-Dichlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,3-Dichlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,3-Dinitrobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,4-Dichlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,4-Dioxane	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1,4-Naphthoquinone	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	1-Naphthylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4-Dichlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4-Dimethylphenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4-Dinitrophenol	706	µg/kg	U	VU	106	706	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,4-Dinitrotoluene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,6-Dichlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2,6-Dinitrotoluene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Acetylaminofluorene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Chloronaphthalene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Chlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Methylnaphthalene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Naphthylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Nitroaniline	353	µg/kg	U	VU	117	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Nitrophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	2-Picoline	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	3-Methylcholanthrene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Aminobiphenyl	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Chloroaniline	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Nitrophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	353	µg/kg	U	VU	124	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Acenaphthene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Acenaphthylene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Acetophenone	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Aniline	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Anthracene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Aramite	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Atrazine	353	µg/kg	U	VU	141	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzaldehyde	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzo[A]Anthracene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzo[A]Pyrene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzoic Acid	706	µg/kg	U	VU	177	706	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Benzyl Alcohol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Caprolactam	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Carbazole	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Chlorobenzilate	353	µg/kg	U	VU	106	353	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL50	8/19/2014	EPA8270D	Chrysene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Diallate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Dibenzofuran	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Diethyl Phthalate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Dimethoate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Dimethyl Phthalate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Dinitro-O-Cresol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Disulfoton	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Ethyl Methacrylate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Ethyl Methanesulfonate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Famphur	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Fluoranthene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Fluorene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachlorobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachlorobutadiene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachloroethane	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachlorophene	17,700	µg/kg	U	VU	4,100	17,700	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Hexachloropropene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Isodrin	353	µg/kg	U	VU	70.6	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Isophorone	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Isosafrole	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Kepone	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	M/P-Cresol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Methapyrilene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Methyl Methanesulfonate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Methyl Parathion	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	M-Nitroaniline	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Naphthalene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Dioctyl Phthalate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Nitrobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosodiethylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosodimethylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosomorpholine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Parathion	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	P-Chloro-M-Cresol	353	µg/kg	U	VU	141	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pentachloroethane	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pentachloroethane	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pentachloronitrobenzene	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pentachlorophenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Phenacetin	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Phenanthrene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Phenol	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Phorate	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	P-Nitroaniline	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	P-Phenylenediamine	17,700	µg/kg	U	VU	3,530	17,700	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pronamide	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pyrene	35.3	µg/kg	U	VU	10.6	35.3	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Pyridine	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Safrole	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA8270D	Sulfotepp	353	µg/kg	U	VU	106	353	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL50	8/19/2014	EPA8270D	Thionazin	353	µg/kg	U	VU	106	353	µg/kg	REG
DAABFILL50	8/19/2014	EPA9012B	Cyanide	217	µg/kg	U	VU	72.6	217	µg/kg	REG
DAABFILL50	8/19/2014	RADA-001	Gross Alpha	7.21	pCi/g	J	VU	3.78	10.3	pCi/g	REG
DAABFILL50	8/19/2014	RADA-001	Nonvolatile Beta	5.79	pCi/g	J	VU	3.5	8.66	pCi/g	REG
DAABFILL51	8/19/2014	EPA6010C	Aluminum	770,000	µg/kg		VU	6,920	20,300	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Antimony	1,020	µg/kg	U	VU	336	1,020	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Arsenic	30,500	µg/kg	U	VU	5,090	30,500	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Barium	4,440	µg/kg		VU	102	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Beryllium	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Cadmium	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Calcium	12,000	µg/kg	J	VU	8,140	25,400	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Chromium	1,580	µg/kg		VU	153	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Cobalt	188	µg/kg	J	VU	153	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Copper	446	µg/kg	J	VU	305	1,020	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Iron	807,000	µg/kg		VU	8,140	25,400	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Lead	596	µg/kg	J	VU	336	1,020	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Magnesium	18,200	µg/kg	J	VU	8,650	30,500	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Manganese	7,220	µg/kg		VU	203	1,020	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Nickel	374	µg/kg	J	VU	153	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Potassium	20,100	µg/kg	J	VU	6,510	25,400	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Selenium	4,040	µg/kg		VU	509	3,050	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Silver	509	µg/kg	U	VU	102	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Sodium	25,400	µg/kg	U	VU	7,120	25,400	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Thallium	2,030	µg/kg	U	VU	509	2,030	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Vanadium	1,460	µg/kg		VU	102	509	µg/kg	REG
DAABFILL51	8/19/2014	EPA6010C	Zinc	970	µg/kg	J	VU	407	1,020	µg/kg	REG
DAABFILL51	8/19/2014	EPA7471B	Mercury	7.59	µg/kg	J	VU	3.88	11.6	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Aldrin	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Alpha-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	DDD	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	DDE	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	DDT	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endosulfan I	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Gamma-Chlordane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Heptachlor	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Heptachlor Epoxide	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Lindane	0.716	µg/kg	U	VU	0.179	0.716	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Methoxychlor	7.16	µg/kg	U	VU	1.79	7.16	µg/kg	REG
DAABFILL51	8/19/2014	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.96	17.9	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1016	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1221	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1232	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1242	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1248	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1254	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8082A	Aroclor 1260	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1-Dichloroethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL51	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.02	µg/kg	U	VU	0.508	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2-Dibromoethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,2-Dichloropropane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	1,4-Dioxane	50.8	µg/kg	U	VU	16.9	50.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	2-Hexanone	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Acetone	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Benzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Bromochloromethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Bromodichloromethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Carbon Disulfide	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Carbon Tetrachloride	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Chlorobenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Chloroform	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Cyclohexane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Dibromochloromethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Ethylbenzene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	M,P-Xylene	2.03	µg/kg	U	VU	0.677	2.03	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Methyl Acetate	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.08	µg/kg	U	VU	1.69	5.08	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Methylcyclohexane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	O-Xylene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Styrene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Toluene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8260B	Trichlorofluoromethane	1.02	µg/kg	U	VU	0.338	1.02	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,1'-Biphenyl	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,2-Dichlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,3-Dichlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,3-Dinitrobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,4-Dichlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,4-Dioxane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1,4-Naphthoquinone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	1-Naphthylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4-Dichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4-Dimethylphenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4-Dinitrophenol	715	µg/kg	U	VU	107	715	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,4-Dinitrotoluene	358	µg/kg	U	VU	107	358	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL51	8/19/2014	EPA8270D	2,6-Dichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2,6-Dinitrotoluene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Acetylaminofluorene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Chloronaphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Chlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Methylnaphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Naphthylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Nitroaniline	358	µg/kg	U	VU	118	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Nitrophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	2-Picoline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	3-Methylcholanthrene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Aminobiphenyl	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Chloroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Nitrophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	358	µg/kg	U	VU	125	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Acenaphthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Acenaphthylene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Acetophenone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Aniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Aramite	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Atrazine	358	µg/kg	U	VU	143	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzaldehyde	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzo[A]Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzo[A]Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzoic Acid	715	µg/kg	U	VU	179	715	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Benzyl Alcohol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Caprolactam	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Carbazole	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Chlorobenzilate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Chrysene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Diallate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Dibenzofuran	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Diethyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Dimethoate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Dimethyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Dinitro-O-Cresol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Disulfoton	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Ethyl Methacrylate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Ethyl Methanesulfonate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Famphur	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Fluorene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Hexachlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL51	8/19/2014	EPA8270D	Hexachlorobutadiene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Hexachloroethane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Hexachlorophene	17,900	µg/kg	U	VU	4,150	17,900	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Hexachloropropene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Isodrin	358	µg/kg	U	VU	71.5	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Isophorone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Isosafrole	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Kepone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	M/P-Cresol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Methapyrilene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Methyl Methanesulfonate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Methyl Parathion	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	M-Nitroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Naphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Dioctyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Nitrobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosodiethylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosodimethylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosomorpholine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Parathion	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	P-Chloro-M-Cresol	358	µg/kg	U	VU	143	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pentachloroethane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pentachloroethane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pentachloronitrobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pentachlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Phenacetin	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Phenanthrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Phenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Phorate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	P-Nitroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	P-Phenylenediamine	17,900	µg/kg	U	VU	3,580	17,900	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pronamide	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Pyridine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Safrole	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Sulfotepp	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA8270D	Thionazin	358	µg/kg	U	VU	107	358	µg/kg	REG
DAABFILL51	8/19/2014	EPA9012B	Cyanide	217	µg/kg	U	VU	72.5	217	µg/kg	REG
DAABFILL51	8/19/2014	RADA-001	Gross Alpha	1.2	pCi/g	U	VU	3.98	8.48	pCi/g	REG
DAABFILL51	8/19/2014	RADA-001	Nonvolatile Beta	-0.317	pCi/g	U	VU	3.38	7.06	pCi/g	REG
DAABFILL52	8/19/2014	EPA6010C	Aluminum	931,000	µg/kg		VU	6,860	20,200	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Antimony	1,010	µg/kg	U	VU	333	1,010	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Arsenic	30,300	µg/kg	U	VU	5,040	30,300	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Barium	6,810	µg/kg		VU	101	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Beryllium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Cadmium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Calcium	13,700	µg/kg	J	VU	8,070	25,200	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Chromium	702	µg/kg		VU	151	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Cobalt	370	µg/kg	J	VU	151	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Copper	447	µg/kg	J	VU	303	1,010	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Iron	905,000	µg/kg		VU	8,070	25,200	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Lead	465	µg/kg	J	VU	333	1,010	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL52	8/19/2014	EPA6010C	Magnesium	29,700	µg/kg	J	VU	8,570	30,300	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Manganese	19,500	µg/kg		VU	202	1,010	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Nickel	365	µg/kg	J	VU	151	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Potassium	20,900	µg/kg	J	VU	6,460	25,200	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Selenium	5,860	µg/kg		VU	504	3,030	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Silver	504	µg/kg	U	VU	101	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Sodium	25,200	µg/kg	U	VU	7,060	25,200	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Thallium	2,020	µg/kg	U	VU	504	2,020	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Vanadium	1,460	µg/kg		VU	101	504	µg/kg	REG
DAABFILL52	8/19/2014	EPA6010C	Zinc	1,030	µg/kg		VU	404	1,010	µg/kg	REG
DAABFILL52	8/19/2014	EPA7471B	Mercury	13.9	µg/kg		VU	3.97	11.9	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Aldrin	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Alpha-Chlordane	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	DDD	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	DDE	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	DDT	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Dieldrin	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endosulfan I	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endosulfan II	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endosulfan Sulfate	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endrin	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endrin Aldehyde	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Endrin Ketone	1.39	µg/kg	U	VU	0.346	1.39	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Gamma-Chlordane	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Heptachlor	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Heptachlor Epoxide	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Lindane	0.693	µg/kg	U	VU	0.173	0.693	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Methoxychlor	6.93	µg/kg	U	VU	1.73	6.93	µg/kg	REG
DAABFILL52	8/19/2014	EPA8081B	Toxaphene	17.3	µg/kg	U	VU	5.77	17.3	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1016	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1221	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1232	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1242	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1248	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1254	3.45	µg/kg	U	VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8082A	Aroclor 1260	7.7	µg/kg		VU	1.15	3.45	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.521	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	1,4-Dioxane	52.1	µg/kg	U	VU	17.4	52.1	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	2-Hexanone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Acetone	8.08	µg/kg		VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Carbon Disulfide	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL52	8/19/2014	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.694	2.08	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Methyl Acetate	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,1'-Biphenyl	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,2-Dichlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,3-Dichlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,3-Dinitrobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,4-Dichlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,4-Dioxane	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1,4-Naphthoquinone	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	1-Naphthylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4-Dichlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4-Dimethylphenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4-Dinitrophenol	694	µg/kg	U	VU	104	694	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,4-Dinitrotoluene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,6-Dichlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2,6-Dinitrotoluene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Acetylaminofluorene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Chloronaphthalene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Chlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Methylnaphthalene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Naphthylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Nitroaniline	347	µg/kg	U	VU	114	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Nitrophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	2-Picoline	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	3-Methylcholanthrene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	4-Aminobiphenyl	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	347	µg/kg	U	VU	104	347	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL52	8/19/2014	EPA8270D	4-Chloroaniline	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	4-Nitrophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	347	µg/kg	U	VU	121	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Acenaphthene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Acenaphthylene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Acetophenone	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Aniline	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Anthracene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Aramite	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Atrazine	347	µg/kg	U	VU	139	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzaldehyde	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzo[A]Anthracene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzo[A]Pyrene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzoic Acid	694	µg/kg	U	VU	173	694	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Benzyl Alcohol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Caprolactam	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Carbazole	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Chlorobenzilate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Chrysene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Diallate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Dibenzofuran	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Diethyl Phthalate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Dimethoate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Dimethyl Phthalate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Dinitro-O-Cresol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Disulfoton	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Ethyl Methacrylate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Ethyl Methanesulfonate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Famphur	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Fluoranthene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Fluorene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachlorobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachlorobutadiene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachloroethane	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachlorophene	17,300	µg/kg	U	VU	4,020	17,300	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Hexachloropropene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Isodrin	347	µg/kg	U	VU	69.4	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Isophorone	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Isosafrole	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Kepone	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	M/P-Cresol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Methapyrilene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Methyl Methanesulfonate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Methyl Parathion	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	M-Nitroaniline	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Naphthalene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL52	8/19/2014	EPA8270D	N-Dioctyl Phthalate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Nitrobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosodiethylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosodimethylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosomorpholine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Parathion	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	P-Chloro-M-Cresol	347	µg/kg	U	VU	139	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pentachloroethane	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pentachloroethane	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pentachloronitrobenzene	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pentachlorophenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Phenacetin	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Phenanthrene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Phenol	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Phorate	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	P-Nitroaniline	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	P-Phenylenediamine	17,300	µg/kg	U	VU	3,470	17,300	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pronamide	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pyrene	34.7	µg/kg	U	VU	10.4	34.7	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Pyridine	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Safrole	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Sulfotepp	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA8270D	Thionazin	347	µg/kg	U	VU	104	347	µg/kg	REG
DAABFILL52	8/19/2014	EPA9012B	Cyanide	224	µg/kg	U	VU	74.9	224	µg/kg	REG
DAABFILL52	8/19/2014	RADA-001	Gross Alpha	4.32	pCi/g	J	VU	3.93	9.73	pCi/g	REG
DAABFILL52	8/19/2014	RADA-001	Nonvolatile Beta	3.85	pCi/g	U	VU	4.47	10.1	pCi/g	REG
DAABFILL53	8/19/2014	EPA6010C	Aluminum	807,000	µg/kg		VU	6,620	19,500	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Antimony	974	µg/kg	U	VU	321	974	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Arsenic	29,200	µg/kg	U	VU	4,870	29,200	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Barium	4,230	µg/kg		VU	97.4	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Beryllium	487	µg/kg	U	VU	97.4	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Cadmium	487	µg/kg	U	VU	97.4	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Calcium	23,900	µg/kg	J	VU	7,790	24,400	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Chromium	832	µg/kg		VU	146	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Cobalt	174	µg/kg	J	VU	146	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Copper	403	µg/kg	J	VU	292	974	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Iron	830,000	µg/kg		VU	7,790	24,400	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Lead	507	µg/kg	J	VU	321	974	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Magnesium	21,900	µg/kg	J	VU	8,280	29,200	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Manganese	6,370	µg/kg		VU	195	974	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Nickel	297	µg/kg	J	VU	146	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Potassium	18,500	µg/kg	J	VU	6,230	24,400	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Selenium	5,310	µg/kg		VU	487	2,920	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Silver	487	µg/kg	U	VU	97.4	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Sodium	24,400	µg/kg	U	VU	6,820	24,400	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Thallium	1,950	µg/kg	U	VU	487	1,950	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Vanadium	1,470	µg/kg		VU	97.4	487	µg/kg	REG
DAABFILL53	8/19/2014	EPA6010C	Zinc	753	µg/kg	J	VU	390	974	µg/kg	REG
DAABFILL53	8/19/2014	EPA7471B	Mercury	11.8	µg/kg		VU	3.95	11.8	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Aldrin	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Alpha-Chlordane	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	DDD	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL53	8/19/2014	EPA8081B	DDE	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	DDT	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Dieldrin	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endosulfan I	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endosulfan II	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endosulfan Sulfate	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endrin	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endrin Aldehyde	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Endrin Ketone	1.52	µg/kg	U	VU	0.379	1.52	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Gamma-Chlordane	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Heptachlor	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Heptachlor Epoxide	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Lindane	0.758	µg/kg	U	VU	0.19	0.758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Methoxychlor	7.58	µg/kg	U	VU	1.9	7.58	µg/kg	REG
DAABFILL53	8/19/2014	EPA8081B	Toxaphene	19	µg/kg	U	VU	6.31	19	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1016	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1221	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1232	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1242	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1248	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1254	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8082A	Aroclor 1260	3.78	µg/kg	U	VU	1.26	3.78	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1-Dichloroethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.07	µg/kg	U	VU	0.537	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2-Dibromoethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,2-Dichloropropane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	1,4-Dioxane	53.7	µg/kg	U	VU	17.9	53.7	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	2-Hexanone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Acetone	8.03	µg/kg		VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Benzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Bromochloromethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Bromodichloromethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Carbon Disulfide	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Carbon Tetrachloride	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Chlorobenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Chloroform	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Cyclohexane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Dibromochloromethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	2.2	µg/kg	J	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Ethylbenzene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	M,P-Xylene	2.15	µg/kg	U	VU	0.716	2.15	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Methyl Acetate	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL53	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.37	µg/kg	U	VU	1.79	5.37	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Methylcyclohexane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	O-Xylene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Styrene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Toluene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8260B	Trichlorofluoromethane	1.07	µg/kg	U	VU	0.357	1.07	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,1'-Biphenyl	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,2-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,3-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,3-Dinitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,4-Dichlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,4-Dioxane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1,4-Naphthoquinone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	1-Naphthylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4-Dichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4-Dimethylphenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4-Dinitrophenol	758	µg/kg	U	VU	114	758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,4-Dinitrotoluene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,6-Dichlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2,6-Dinitrotoluene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Acetylaminofluorene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Chloronaphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Chlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Methylnaphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Naphthylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Nitroaniline	379	µg/kg	U	VU	125	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Nitrophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	2-Picoline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	3-Methylcholanthrene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Aminobiphenyl	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Chloroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Nitrophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	379	µg/kg	U	VU	133	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Acenaphthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Acenaphthylene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Acetophenone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Aniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Aramite	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Atrazine	379	µg/kg	U	VU	152	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzaldehyde	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzidine	379	µg/kg	U	VU	114	379	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL53	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzo[A]Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzo[A]Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzoic Acid	758	µg/kg	U	VU	189	758	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Benzyl Alcohol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Caprolactam	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Carbazole	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Chlorobenzilate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Chrysene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Diallate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Dibenzofuran	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Diethyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Dimethoate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Dimethyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Dinitro-O-Cresol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Disulfoton	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Ethyl Methacrylate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Ethyl Methanesulfonate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Famphur	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Fluoranthene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Fluorene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachlorobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachlorobutadiene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachlorophene	18,900	µg/kg	U	VU	4,390	18,900	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Hexachloropropene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Isodrin	379	µg/kg	U	VU	75.8	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Isophorone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Isosafrole	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Kepone	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	M/P-Cresol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Methapyrilene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Methyl Methanesulfonate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Methyl Parathion	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	M-Nitroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Naphthalene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Dioctyl Phthalate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Nitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosodiethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosodimethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosomorpholine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Parathion	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	P-Chloro-M-Cresol	379	µg/kg	U	VU	152	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL53	8/19/2014	EPA8270D	Pentachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pentachloroethane	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pentachloronitrobenzene	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pentachlorophenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Phenacetin	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Phenanthrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Phenol	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Phorate	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	P-Nitroaniline	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	P-Phenylenediamine	18,900	µg/kg	U	VU	3,790	18,900	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pronamide	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pyrene	37.9	µg/kg	U	VU	11.4	37.9	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Pyridine	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Safrole	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Sulfotepp	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA8270D	Thionazin	379	µg/kg	U	VU	114	379	µg/kg	REG
DAABFILL53	8/19/2014	EPA9012B	Cyanide	237	µg/kg	U	VU	79.2	237	µg/kg	REG
DAABFILL53	8/19/2014	RADA-001	Gross Alpha	12.2	pCi/g	J	VU	4	12.5	pCi/g	REG
DAABFILL53	8/19/2014	RADA-001	Nonvolatile Beta	10.6	pCi/g	J	VU	4.21	11.3	pCi/g	REG
DAABFILL54	8/19/2014	EPA6010C	Aluminum	1,110,000	µg/kg		VU	6,880	20,200	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Antimony	1,010	µg/kg	U	VU	334	1,010	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Arsenic	30,300	µg/kg	U	VU	5,060	30,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Barium	5,900	µg/kg		VU	101	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Beryllium	506	µg/kg	U	VU	101	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Cadmium	506	µg/kg	U	VU	101	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Calcium	37,100	µg/kg		VU	8,090	25,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Chromium	802	µg/kg		VU	152	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Cobalt	184	µg/kg	J	VU	152	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Copper	486	µg/kg	J	VU	303	1,010	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Iron	1,010,000	µg/kg		VU	8,090	25,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Lead	594	µg/kg	J	VU	334	1,010	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Magnesium	25,500	µg/kg	J	VU	8,600	30,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Manganese	4,070	µg/kg		VU	202	1,010	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Nickel	383	µg/kg	J	VU	152	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Potassium	20,200	µg/kg	J	VU	6,470	25,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Selenium	3,600	µg/kg		VU	506	3,030	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Silver	506	µg/kg	U	VU	101	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Sodium	25,300	µg/kg	U	VU	7,080	25,300	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Thallium	2,020	µg/kg	U	VU	506	2,020	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Vanadium	1,690	µg/kg		VU	101	506	µg/kg	REG
DAABFILL54	8/19/2014	EPA6010C	Zinc	815	µg/kg	J	VU	405	1,010	µg/kg	REG
DAABFILL54	8/19/2014	EPA7471B	Mercury	14.7	µg/kg		VU	4.18	12.5	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Aldrin	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Alpha-Chlordane	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	DDD	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	DDE	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	DDT	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Dieldrin	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endosulfan I	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endosulfan II	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endosulfan Sulfate	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endrin	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endrin Aldehyde	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Endrin Ketone	1.53	µg/kg	UJ	VU	0.382	1.53	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Gamma-Chlordane	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Heptachlor	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Heptachlor Epoxide	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Lindane	0.763	µg/kg	UJ	VU	0.191	0.763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Methoxychlor	7.63	µg/kg	UJ	VU	1.91	7.63	µg/kg	REG
DAABFILL54	8/19/2014	EPA8081B	Toxaphene	19.1	µg/kg	UJ	VU	6.35	19.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1016	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1221	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1232	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1242	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1248	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1254	3.81	µg/kg	U	VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8082A	Aroclor 1260	11.9	µg/kg		VU	1.27	3.81	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1-Dichloroethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.06	µg/kg	U	VU	0.531	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2-Dibromoethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,2-Dichloropropane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	1,4-Dioxane	53.1	µg/kg	U	VU	17.7	53.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	2-Hexanone	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Acetone	3.14	µg/kg	J	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Benzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Bromochloromethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Bromodichloromethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Carbon Disulfide	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Carbon Tetrachloride	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Chlorobenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Chloroform	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Cyclohexane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Dibromochloromethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Ethylbenzene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	M,P-Xylene	1.24	µg/kg	J	VU	0.708	2.12	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Methyl Acetate	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.31	µg/kg	U	VU	1.77	5.31	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Methylcyclohexane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	O-Xylene	0.425	µg/kg	J	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Styrene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Toluene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8260B	Trichlorofluoromethane	1.06	µg/kg	U	VU	0.354	1.06	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,1'-Biphenyl	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,2-Dichlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL54	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,3-Dichlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,3-Dinitrobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,4-Dichlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,4-Dioxane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1,4-Naphthoquinone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	1-Naphthylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4-Dichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4-Dimethylphenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4-Dinitrophenol	763	µg/kg	U	VU	114	763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,4-Dinitrotoluene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,6-Dichlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2,6-Dinitrotoluene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Acetylaminofluorene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Chloronaphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Chlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Methylnaphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Naphthylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Nitroaniline	381	µg/kg	U	VU	126	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Nitrophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	2-Picoline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	3-Methylcholanthrene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Aminobiphenyl	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Chloroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Nitrophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	381	µg/kg	U	VU	133	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Acenaphthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Acenaphthylene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Acetophenone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Aniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Aramite	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Atrazine	381	µg/kg	U	VU	153	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzaldehyde	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzo[A]Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzo[A]Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzoic Acid	763	µg/kg	U	VU	191	763	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Benzyl Alcohol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Caprolactam	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Carbazole	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Chlorobenzilate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Chrysene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL54	8/19/2014	EPA8270D	Diallate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Dibenzofuran	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Diethyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Dimethoate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Dimethyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Dinitro-O-Cresol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Disulfoton	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Ethyl Methacrylate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Ethyl Methanesulfonate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Famphur	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Fluoranthene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Fluorene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachlorobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachlorobutadiene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachloroethane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachlorophene	19,100	µg/kg	U	VU	4,420	19,100	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Hexachloropropene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Isodrin	381	µg/kg	U	VU	76.3	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Isophorone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Isosafrole	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Kepone	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	M/P-Cresol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Methapyrilene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Methyl Methanesulfonate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Methyl Parathion	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	M-Nitroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Naphthalene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Dioctyl Phthalate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Nitrobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosodiethylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosodimethylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosomorpholine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Parathion	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	P-Chloro-M-Cresol	381	µg/kg	U	VU	153	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pentachloroethane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pentachloroethane	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pentachloronitrobenzene	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pentachlorophenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Phenacetin	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Phenanthrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Phenol	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Phorate	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	P-Nitroaniline	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	P-Phenylenediamine	19,100	µg/kg	U	VU	3,810	19,100	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pronamide	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pyrene	38.1	µg/kg	U	VU	11.4	38.1	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Pyridine	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Safrole	167	µg/kg	J	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Sulfotepp	381	µg/kg	U	VU	114	381	µg/kg	REG
DAABFILL54	8/19/2014	EPA8270D	Thionazin	381	µg/kg	U	VU	114	381	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL54	8/19/2014	EPA9012B	Cyanide	252	µg/kg	U	VU	84	252	µg/kg	REG
DAABFILL54	8/19/2014	RADA-001	Gross Alpha	5.2	pCi/g	J	VU	3.98	9.7	pCi/g	REG
DAABFILL54	8/19/2014	RADA-001	Nonvolatile Beta	6.51	pCi/g	J	VU	2.96	7.56	pCi/g	REG
DAABFILL55	8/19/2014	EPA6010C	Aluminum	1,850,000	µg/kg		VU	7,950	23,400	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Antimony	1,170	µg/kg	U	VU	386	1,170	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Arsenic	35,100	µg/kg	U	VU	5,840	35,100	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Barium	6,210	µg/kg		VU	117	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Beryllium	584	µg/kg	U	VU	117	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Cadmium	584	µg/kg	U	VU	117	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Calcium	56,300	µg/kg		VU	9,350	29,200	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Chromium	1,120	µg/kg		VU	175	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Cobalt	342	µg/kg	J	VU	175	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Copper	774	µg/kg	J	VU	351	1,170	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Iron	1,540,000	µg/kg		VU	9,350	29,200	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Lead	1,170	µg/kg	U	VU	386	1,170	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Magnesium	32,600	µg/kg	J	VU	9,930	35,100	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Manganese	18,900	µg/kg		VU	234	1,170	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Nickel	569	µg/kg	J	VU	175	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Potassium	32,600	µg/kg		VU	7,480	29,200	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Selenium	5,280	µg/kg		VU	584	3,510	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Silver	584	µg/kg	U	VU	117	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Sodium	29,200	µg/kg	U	VU	8,180	29,200	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Thallium	2,340	µg/kg	U	VU	584	2,340	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Vanadium	3,070	µg/kg		VU	117	584	µg/kg	REG
DAABFILL55	8/19/2014	EPA6010C	Zinc	1,060	µg/kg	J	VU	467	1,170	µg/kg	REG
DAABFILL55	8/19/2014	EPA7471B	Mercury	27.2	µg/kg		VU	4.23	12.6	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Aldrin	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Alpha-Chlordane	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	DDD	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	DDE	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	DDT	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Dieldrin	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endosulfan I	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endosulfan II	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endosulfan Sulfate	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endrin	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endrin Aldehyde	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Endrin Ketone	1.59	µg/kg	U	VU	0.398	1.59	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Gamma-Chlordane	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Heptachlor	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Heptachlor Epoxide	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Lindane	0.796	µg/kg	U	VU	0.199	0.796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Methoxychlor	7.96	µg/kg	U	VU	1.99	7.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8081B	Toxaphene	19.9	µg/kg	U	VU	6.63	19.9	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1016	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1221	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1232	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1242	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1248	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1254	3.96	µg/kg	U	VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8082A	Aroclor 1260	4.99	µg/kg		VU	1.32	3.96	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1-Dichloroethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.13	µg/kg	U	VU	0.565	1.13	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL55	8/19/2014	EPA8260B	1,2-Dibromoethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,2-Dichloropropane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	1,4-Dioxane	56.5	µg/kg	U	VU	18.8	56.5	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	2-Hexanone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Acetone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Benzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Bromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Bromodichloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Carbon Disulfide	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Carbon Tetrachloride	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Chlorobenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Chloroform	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Cyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Dibromochloromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Ethylbenzene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	M,P-Xylene	0.915	µg/kg	J	VU	0.753	2.26	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Methyl Acetate	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.65	µg/kg	U	VU	1.88	5.65	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Methylcyclohexane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	O-Xylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Styrene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Toluene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8260B	Trichlorofluoromethane	1.13	µg/kg	U	VU	0.376	1.13	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,1'-Biphenyl	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,2-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,3-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,3-Dinitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,4-Dichlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,4-Dioxane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1,4-Naphthoquinone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	1-Naphthylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4-Dichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4-Dimethylphenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4-Dinitrophenol	796	µg/kg	U	VU	119	796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,4-Dinitrotoluene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2,6-Dichlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL55	8/19/2014	EPA8270D	2,6-Dinitrotoluene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Acetylaminofluorene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Chloronaphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Chlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Methylnaphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Naphthylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Nitroaniline	398	µg/kg	U	VU	131	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Nitrophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	2-Picoline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	3-Methylcholanthrene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Aminobiphenyl	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Chloroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Nitrophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	398	µg/kg	U	VU	139	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Acenaphthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Acenaphthylene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Acetophenone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Aniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Aramite	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Atrazine	398	µg/kg	U	VU	159	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzaldehyde	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzo[A]Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzo[A]Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzoic Acid	796	µg/kg	U	VU	199	796	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Benzyl Alcohol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Caprolactam	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Carbazole	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Chlorobenzilate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Chrysene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Diallate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Dibenzofuran	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Diethyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Dimethoate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Dimethyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Dinitro-O-Cresol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Disulfoton	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Ethyl Methacrylate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Ethyl Methanesulfonate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Famphur	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Fluoranthene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Fluorene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Hexachlorobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Hexachlorobutadiene	398	µg/kg	U	VU	119	398	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL55	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Hexachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Hexachlorophene	19,900	µg/kg	U	VU	4,620	19,900	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Hexachloropropene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Isodrin	398	µg/kg	U	VU	79.6	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Isophorone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Isosafrole	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Kepone	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	M/P-Cresol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Methapyrilene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Methyl Methanesulfonate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Methyl Parathion	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	M-Nitroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Naphthalene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Dioctyl Phthalate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Nitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosodiethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosodimethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosomorpholine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Parathion	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	P-Chloro-M-Cresol	398	µg/kg	U	VU	159	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pentachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pentachloroethane	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pentachloronitrobenzene	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pentachlorophenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Phenacetin	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Phenanthrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Phenol	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Phorate	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	P-Nitroaniline	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	P-Phenylenediamine	19,900	µg/kg	U	VU	3,980	19,900	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pronamide	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pyrene	39.8	µg/kg	U	VU	11.9	39.8	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Pyridine	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Safrole	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Sulfotepp	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA8270D	Thionazin	398	µg/kg	U	VU	119	398	µg/kg	REG
DAABFILL55	8/19/2014	EPA9012B	Cyanide	293	µg/kg	U	VU	98	293	µg/kg	REG
DAABFILL55	8/19/2014	RADA-001	Gross Alpha	7.27	pCi/g	J	VU	2.38	8.96	pCi/g	REG
DAABFILL55	8/19/2014	RADA-001	Nonvolatile Beta	2.79	pCi/g	U	VU	4.86	10.9	pCi/g	REG
DAABFILL56	8/19/2014	EPA6010C	Aluminum	1,910,000	µg/kg		VU	7,820	23,000	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Antimony	1,150	µg/kg	U	VU	380	1,150	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Arsenic	34,500	µg/kg	U	VU	5,750	34,500	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Barium	11,100	µg/kg		VU	115	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Beryllium	575	µg/kg	U	VU	115	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Cadmium	575	µg/kg	U	VU	115	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Calcium	22,400	µg/kg	J	VU	9,200	28,800	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Chromium	1,480	µg/kg		VU	173	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Cobalt	365	µg/kg	J	VU	173	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Copper	714	µg/kg	J	VU	345	1,150	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Iron	2,020,000	µg/kg		VU	9,200	28,800	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Lead	649	µg/kg	J	VU	380	1,150	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Magnesium	34,700	µg/kg		VU	9,780	34,500	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL56	8/19/2014	EPA6010C	Manganese	12,000	µg/kg		VU	230	1,150	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Nickel	611	µg/kg		VU	173	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Potassium	33,400	µg/kg		VU	7,360	28,800	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Selenium	3,380	µg/kg	J	VU	575	3,450	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Silver	575	µg/kg	U	VU	115	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Sodium	28,800	µg/kg	U	VU	8,050	28,800	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Thallium	2,300	µg/kg	U	VU	575	2,300	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Vanadium	3,610	µg/kg		VU	115	575	µg/kg	REG
DAABFILL56	8/19/2014	EPA6010C	Zinc	1,110	µg/kg	J	VU	460	1,150	µg/kg	REG
DAABFILL56	8/19/2014	EPA7471B	Mercury	14.6	µg/kg		VU	4.23	12.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Aldrin	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Alpha-Chlordane	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	DDD	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	DDE	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	DDT	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Dieldrin	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endosulfan I	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endosulfan II	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endosulfan Sulfate	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endrin	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endrin Aldehyde	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Endrin Ketone	1.6	µg/kg	U	VU	0.401	1.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Gamma-Chlordane	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Heptachlor	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Heptachlor Epoxide	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Lindane	0.801	µg/kg	U	VU	0.2	0.801	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Methoxychlor	8.01	µg/kg	U	VU	2	8.01	µg/kg	REG
DAABFILL56	8/19/2014	EPA8081B	Toxaphene	20	µg/kg	U	VU	6.67	20	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1016	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1221	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1232	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1242	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1248	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1254	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8082A	Aroclor 1260	4.03	µg/kg	U	VU	1.34	4.03	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1-Dichloroethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.2	µg/kg	U	VU	0.598	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2-Dibromoethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,2-Dichloropropane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	1,4-Dioxane	59.8	µg/kg	U	VU	19.9	59.8	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	2-Hexanone	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Acetone	19.1	µg/kg		VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Benzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Bromochloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Bromodichloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Carbon Disulfide	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Carbon Tetrachloride	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL56	8/19/2014	EPA8260B	Chlorobenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Chloroform	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Cyclohexane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Dibromochloromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Ethylbenzene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	M,P-Xylene	2.39	µg/kg	U	VU	0.797	2.39	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Methyl Acetate	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Methyl Ethyl Ketone	3.02	µg/kg	J	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.98	µg/kg	U	VU	1.99	5.98	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Methylcyclohexane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	O-Xylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Styrene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Toluene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8260B	Trichlorofluoromethane	1.2	µg/kg	U	VU	0.398	1.2	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,1'-Biphenyl	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,2-Dichlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,3-Dichlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,3-Dinitrobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,4-Dichlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,4-Dioxane	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1,4-Naphthoquinone	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	1-Naphthylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4-Dichlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4-Dimethylphenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4-Dinitrophenol	811	µg/kg	U	VU	122	811	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,4-Dinitrotoluene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,6-Dichlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2,6-Dinitrotoluene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Acetylaminofluorene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Chloronaphthalene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Chlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Methylnaphthalene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Naphthylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Nitroaniline	406	µg/kg	U	VU	134	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Nitrophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	2-Picoline	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	3-Methylcholanthrene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	4-Aminobiphenyl	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	4-Chloroaniline	406	µg/kg	U	VU	122	406	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL56	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	4-Nitrophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	406	µg/kg	U	VU	142	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Acenaphthene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Acenaphthylene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Acetophenone	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Aniline	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Anthracene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Aramite	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Atrazine	406	µg/kg	U	VU	162	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzaldehyde	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzo[A]Anthracene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzo[A]Pyrene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzoic Acid	811	µg/kg	U	VU	203	811	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Benzyl Alcohol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Caprolactam	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Carbazole	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Chlorobenzilate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Chrysene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Diallate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Dibenzofuran	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Diethyl Phthalate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Dimethoate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Dimethyl Phthalate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Dinitro-O-Cresol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Disulfoton	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Ethyl Methacrylate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Ethyl Methanesulfonate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Famphur	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Fluoranthene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Fluorene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachlorobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachlorobutadiene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachloroethane	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachlorophene	20,300	µg/kg	U	VU	4,710	20,300	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Hexachloropropene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Isodrin	406	µg/kg	U	VU	81.1	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Isophorone	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Isosafrole	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Kepone	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	M/P-Cresol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Methapyrilene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Methyl Methanesulfonate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Methyl Parathion	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	M-Nitroaniline	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Naphthalene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Dioctyl Phthalate	406	µg/kg	U	VU	122	406	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL56	8/19/2014	EPA8270D	Nitrobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosodiethylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosodimethylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosomorpholine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Parathion	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	P-Chloro-M-Cresol	406	µg/kg	U	VU	162	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pentachloroethane	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pentachloroethane	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pentachloronitrobenzene	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pentachlorophenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Phenacetin	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Phenanthrene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Phenol	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Phorate	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	P-Nitroaniline	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	P-Phenylenediamine	20,300	µg/kg	U	VU	4,060	20,300	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pronamide	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pyrene	40.6	µg/kg	U	VU	12.2	40.6	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Pyridine	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Safrole	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Sulfotepp	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA8270D	Thionazin	406	µg/kg	U	VU	122	406	µg/kg	REG
DAABFILL56	8/19/2014	EPA9012B	Cyanide	293	µg/kg	U	VU	97.9	293	µg/kg	REG
DAABFILL56	8/19/2014	RADA-001	Gross Alpha	5.09	pCi/g	J	VU	3.75	9.65	pCi/g	REG
DAABFILL56	8/19/2014	RADA-001	Nonvolatile Beta	5.47	pCi/g	J	VU	3.28	8.2	pCi/g	REG
DAABFILL57	8/19/2014	EPA6010C	Aluminum	915,000	µg/kg		VU	7,210	21,200	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Antimony	1,060	µg/kg	U	VU	350	1,060	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Arsenic	31,800	µg/kg	U	VU	5,300	31,800	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Barium	7,570	µg/kg		VU	106	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Beryllium	530	µg/kg	U	VU	106	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Cadmium	530	µg/kg	U	VU	106	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Calcium	13,100	µg/kg	J	VU	8,480	26,500	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Chromium	874	µg/kg		VU	159	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Cobalt	316	µg/kg	J	VU	159	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Copper	392	µg/kg	J	VU	318	1,060	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Iron	897,000	µg/kg		VU	8,480	26,500	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Lead	462	µg/kg	J	VU	350	1,060	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Magnesium	25,400	µg/kg	J	VU	9,010	31,800	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Manganese	67,900	µg/kg		VU	212	1,060	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Nickel	254	µg/kg	J	VU	159	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Potassium	16,200	µg/kg	J	VU	6,780	26,500	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Selenium	5,600	µg/kg		VU	530	3,180	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Silver	530	µg/kg	U	VU	106	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Sodium	26,500	µg/kg	U	VU	7,420	26,500	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Thallium	2,120	µg/kg	U	VU	530	2,120	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Vanadium	1,550	µg/kg		VU	106	530	µg/kg	REG
DAABFILL57	8/19/2014	EPA6010C	Zinc	782	µg/kg	J	VU	424	1,060	µg/kg	REG
DAABFILL57	8/19/2014	EPA7471B	Mercury	24	µg/kg		VU	4.07	12.2	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Aldrin	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Alpha-Chlordane	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	DDD	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	DDE	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL57	8/19/2014	EPA8081B	DDT	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Dieldrin	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endosulfan I	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endosulfan II	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endosulfan Sulfate	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endrin	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endrin Aldehyde	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Endrin Ketone	1.48	µg/kg	UJ	VU	0.369	1.48	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Gamma-Chlordane	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Heptachlor	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Heptachlor Epoxide	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Lindane	0.738	µg/kg	UJ	VU	0.184	0.738	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Methoxychlor	7.38	µg/kg	UJ	VU	1.84	7.38	µg/kg	REG
DAABFILL57	8/19/2014	EPA8081B	Toxaphene	18.4	µg/kg	UJ	VU	6.14	18.4	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1016	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1221	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1232	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1242	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1248	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1254	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8082A	Aroclor 1260	3.67	µg/kg	U	VU	1.22	3.67	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1-Dichloroethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.11	µg/kg	U	VU	0.553	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2-Dibromoethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,2-Dichloropropane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	1,4-Dioxane	55.3	µg/kg	U	VU	18.4	55.3	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	2-Hexanone	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Acetone	92.4	µg/kg		VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Benzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Bromochloromethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Bromodichloromethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Carbon Disulfide	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Carbon Tetrachloride	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Chlorobenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Chloroform	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Cyclohexane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Dibromochloromethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Ethylbenzene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	M,P-Xylene	2.21	µg/kg	U	VU	0.738	2.21	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Methyl Acetate	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Methyl Ethyl Ketone	71.6	µg/kg		VU	1.84	5.53	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL57	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.53	µg/kg	U	VU	1.84	5.53	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Methylcyclohexane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	O-Xylene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Styrene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Toluene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8260B	Trichlorofluoromethane	1.11	µg/kg	U	VU	0.369	1.11	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,1'-Biphenyl	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,2-Dichlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,3-Dichlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,3-Dinitrobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,4-Dichlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,4-Dioxane	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1,4-Naphthoquinone	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	1-Naphthylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4-Dichlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4-Dimethylphenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4-Dinitrophenol	737	µg/kg	U	VU	111	737	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,4-Dinitrotoluene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,6-Dichlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2,6-Dinitrotoluene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Acetylaminofluorene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Chloronaphthalene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Chlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Methylnaphthalene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Naphthylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Nitroaniline	368	µg/kg	U	VU	122	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Nitrophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	2-Picoline	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	3-Methylcholanthrene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Aminobiphenyl	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Chloroaniline	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Nitrophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	368	µg/kg	U	VU	129	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Acenaphthene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Acenaphthylene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Acetophenone	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Aniline	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Anthracene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Aramite	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Atrazine	368	µg/kg	U	VU	147	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzaldehyde	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL57	8/19/2014	EPA8270D	Benzo[A]Anthracene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzo[A]Pyrene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzoic Acid	759	µg/kg		VU	184	737	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Benzyl Alcohol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Caprolactam	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Carbazole	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Chlorobenzilate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Chrysene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Diallate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Dibenzofuran	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Diethyl Phthalate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Dimethoate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Dimethyl Phthalate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Dinitro-O-Cresol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Disulfoton	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Ethyl Methacrylate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Ethyl Methanesulfonate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Famphur	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Fluoranthene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Fluorene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachlorobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachlorobutadiene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachloroethane	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachlorophene	18,400	µg/kg	U	VU	4,270	18,400	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Hexachloropropene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Isodrin	368	µg/kg	U	VU	73.7	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Isophorone	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Isosafrole	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Kepone	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	M/P-Cresol	112	µg/kg	J	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Methapyrilene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Methyl Methanesulfonate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Methyl Parathion	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	M-Nitroaniline	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Naphthalene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Dioctyl Phthalate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Nitrobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosodiethylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosodimethylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosomorpholine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Parathion	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	P-Chloro-M-Cresol	368	µg/kg	U	VU	147	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pentachloroethane	368	µg/kg	U	VU	111	368	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL57	8/19/2014	EPA8270D	Pentachloroethane	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pentachloronitrobenzene	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pentachlorophenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Phenacetin	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Phenanthrene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Phenol	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Phorate	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	P-Nitroaniline	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	P-Phenylenediamine	18,400	µg/kg	U	VU	3,680	18,400	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pronamide	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pyrene	36.8	µg/kg	U	VU	11.1	36.8	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Pyridine	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Safrole	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Sulfotepp	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA8270D	Thionazin	368	µg/kg	U	VU	111	368	µg/kg	REG
DAABFILL57	8/19/2014	EPA9012B	Cyanide	234	µg/kg	U	VU	78.3	234	µg/kg	REG
DAABFILL57	8/19/2014	RADA-001	Gross Alpha	7.87	pCi/g	J	VU	3.9	10.1	pCi/g	REG
DAABFILL57	8/19/2014	RADA-001	Nonvolatile Beta	11.9	pCi/g		VU	3.65	9.41	pCi/g	REG
DAABFILL58	8/19/2014	EPA6010C	Aluminum	580,000	µg/kg		VU	7,010	20,600	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	340	1,030	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Arsenic	30,900	µg/kg	U	VU	5,160	30,900	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Barium	3,510	µg/kg		VU	103	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Beryllium	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Cadmium	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Calcium	11,900	µg/kg	J	VU	8,250	25,800	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Chromium	833	µg/kg		VU	155	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Cobalt	516	µg/kg	U	VU	155	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Copper	411	µg/kg	J	VU	309	1,030	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Iron	669,000	µg/kg		VU	8,250	25,800	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Lead	344	µg/kg	J	VU	340	1,030	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Magnesium	16,600	µg/kg	J	VU	8,770	30,900	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Manganese	8,860	µg/kg		VU	206	1,030	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Nickel	271	µg/kg	J	VU	155	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Potassium	17,500	µg/kg	J	VU	6,600	25,800	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Selenium	5,080	µg/kg		VU	516	3,090	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Silver	516	µg/kg	U	VU	103	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Sodium	25,800	µg/kg	U	VU	7,220	25,800	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Thallium	2,060	µg/kg	U	VU	516	2,060	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Vanadium	1,160	µg/kg		VU	103	516	µg/kg	REG
DAABFILL58	8/19/2014	EPA6010C	Zinc	727	µg/kg	J	VU	413	1,030	µg/kg	REG
DAABFILL58	8/19/2014	EPA7471B	Mercury	9.07	µg/kg	J	VU	4.11	12.3	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Aldrin	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Alpha-Chlordane	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	DDD	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	DDE	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	DDT	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Dieldrin	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endosulfan I	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endosulfan II	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endosulfan Sulfate	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endrin	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endrin Aldehyde	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Endrin Ketone	1.48	µg/kg	U	VU	0.369	1.48	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Gamma-Chlordane	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Heptachlor	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Heptachlor Epoxide	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Lindane	0.738	µg/kg	U	VU	0.185	0.738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Methoxychlor	7.38	µg/kg	U	VU	1.85	7.38	µg/kg	REG
DAABFILL58	8/19/2014	EPA8081B	Toxaphene	18.5	µg/kg	U	VU	6.15	18.5	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1016	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1221	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1232	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1242	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1248	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1254	3.69	µg/kg	U	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8082A	Aroclor 1260	3.28	µg/kg	J	VU	1.23	3.69	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.523	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	1,4-Dioxane	52.3	µg/kg	U	VU	17.4	52.3	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	2-Hexanone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Acetone	14	µg/kg		VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Carbon Disulfide	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	M,P-Xylene	2.09	µg/kg	U	VU	0.697	2.09	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Methyl Acetate	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,1'-Biphenyl	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,2-Dichlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	369	µg/kg	U	VU	111	369	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL58	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,3-Dichlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,3-Dinitrobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,4-Dichlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,4-Dioxane	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1,4-Naphthoquinone	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	1-Naphthylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4-Dichlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4-Dimethylphenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4-Dinitrophenol	738	µg/kg	U	VU	111	738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,4-Dinitrotoluene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,6-Dichlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2,6-Dinitrotoluene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Acetylaminofluorene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Chloronaphthalene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Chlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Methylnaphthalene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Naphthylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Nitroaniline	369	µg/kg	U	VU	122	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Nitrophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	2-Picoline	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	3-Methylcholanthrene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Aminobiphenyl	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Chloroaniline	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Nitrophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	369	µg/kg	U	VU	129	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Acenaphthene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Acenaphthylene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Acetophenone	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Aniline	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Anthracene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Aramite	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Atrazine	369	µg/kg	U	VU	148	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzaldehyde	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzo[A]Anthracene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzo[A]Pyrene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzoic Acid	738	µg/kg	U	VU	184	738	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Benzyl Alcohol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Caprolactam	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Carbazole	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Chlorobenzilate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Chrysene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Diallate	369	µg/kg	U	VU	111	369	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL58	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Dibenzofuran	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Diethyl Phthalate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Dimethoate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Dimethyl Phthalate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Dinitro-O-Cresol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Disulfoton	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Ethyl Methacrylate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Ethyl Methanesulfonate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Famphur	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Fluoranthene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Fluorene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachlorobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachlorobutadiene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachloroethane	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachlorophene	18400	µg/kg	U	VU	4280	18400	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Hexachloropropene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Isodrin	369	µg/kg	U	VU	73.8	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Isophorone	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Isosafrole	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Kepone	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	M/P-Cresol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Methapyrilene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Methyl Methanesulfonate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Methyl Parathion	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	M-Nitroaniline	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Naphthalene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Dioctyl Phthalate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Nitrobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosodiethylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosodimethylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosomorpholine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Parathion	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	P-Chloro-M-Cresol	369	µg/kg	U	VU	148	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pentachloroethane	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pentachloroethane	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pentachloronitrobenzene	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pentachlorophenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Phenacetin	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Phenanthrene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Phenol	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Phorate	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	P-Nitroaniline	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	P-Phenylenediamine	18,400	µg/kg	U	VU	3,690	18,400	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pronamide	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pyrene	36.9	µg/kg	U	VU	11.1	36.9	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Pyridine	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Safrole	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Sulfotepp	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA8270D	Thionazin	369	µg/kg	U	VU	111	369	µg/kg	REG
DAABFILL58	8/19/2014	EPA9012B	Cyanide	235	µg/kg	U	VU	78.4	235	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL58	8/19/2014	RADA-001	Gross Alpha	5.83	pCi/g	J	VU	3.89	9.95	pCi/g	REG
DAABFILL58	8/19/2014	RADA-001	Nonvolatile Beta	3.8	pCi/g	J	VU	2.69	6.57	pCi/g	REG
DAABFILL59	8/19/2014	EPA6010C	Aluminum	1,560,000	µg/kg		VU	6,790	20,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Antimony	998	µg/kg	U	VU	329	998	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Arsenic	29,900	µg/kg	U	VU	4,990	29,900	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Barium	16,400	µg/kg		VU	100	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Beryllium	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Cadmium	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Calcium	51,900	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Chromium	1,420	µg/kg		VU	150	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Cobalt	364	µg/kg	J	VU	150	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Copper	688	µg/kg	J	VU	299	998	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Iron	1,820,000	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Lead	939	µg/kg	J	VU	329	998	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Magnesium	40,400	µg/kg		VU	8,480	29,900	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Manganese	22,100	µg/kg		VU	200	998	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Nickel	602	µg/kg		VU	150	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Potassium	32,300	µg/kg		VU	6,390	25,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Selenium	5,520	µg/kg		VU	499	2,990	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Silver	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Sodium	25,000	µg/kg	U	VU	6,990	25,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Thallium	2,000	µg/kg	U	VU	499	2,000	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Vanadium	3,130	µg/kg		VU	99.8	499	µg/kg	REG
DAABFILL59	8/19/2014	EPA6010C	Zinc	1,430	µg/kg		VU	399	998	µg/kg	REG
DAABFILL59	8/19/2014	EPA7471B	Mercury	12.5	µg/kg	J	VU	4.56	13.6	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Aldrin	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Alpha-Chlordane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	DDD	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	DDE	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	DDT	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Dieldrin	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endosulfan I	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endosulfan II	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endosulfan Sulfate	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endrin	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endrin Aldehyde	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Endrin Ketone	1.58	µg/kg	U	VU	0.394	1.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Gamma-Chlordane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Heptachlor	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Heptachlor Epoxide	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Lindane	0.788	µg/kg	U	VU	0.197	0.788	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Methoxychlor	7.88	µg/kg	U	VU	1.97	7.88	µg/kg	REG
DAABFILL59	8/19/2014	EPA8081B	Toxaphene	19.7	µg/kg	U	VU	6.56	19.7	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1016	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1221	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1232	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1242	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1248	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1254	3.94	µg/kg	U	VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8082A	Aroclor 1260	5.04	µg/kg		VU	1.31	3.94	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1-Dichloroethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.12	µg/kg	U	VU	0.558	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2-Dibromoethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL59	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,2-Dichloropropane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	1,4-Dioxane	55.8	µg/kg	U	VU	18.6	55.8	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	2-Hexanone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Acetone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Benzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Bromochloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Bromodichloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Carbon Disulfide	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Carbon Tetrachloride	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Chlorobenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Chloroform	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	0.38	µg/kg	J	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Cyclohexane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Dibromochloromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Ethylbenzene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	M,P-Xylene	2.23	µg/kg	U	VU	0.745	2.23	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Methyl Acetate	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.58	µg/kg	U	VU	1.86	5.58	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Methylcyclohexane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	O-Xylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Styrene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Toluene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8260B	Trichlorofluoromethane	1.12	µg/kg	U	VU	0.372	1.12	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,1'-Biphenyl	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,2-Dichlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,3-Dichlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,3-Dinitrobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,4-Dichlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,4-Dioxane	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1,4-Naphthoquinone	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	1-Naphthylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4-Dichlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4-Dimethylphenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4-Dinitrophenol	787	µg/kg	U	VU	118	787	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,4-Dinitrotoluene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,6-Dichlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2,6-Dinitrotoluene	394	µg/kg	U	VU	118	394	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL59	8/19/2014	EPA8270D	2-Acetylaminofluorene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Chloronaphthalene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Chlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Methylnaphthalene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Naphthylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Nitroaniline	394	µg/kg	U	VU	130	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Nitrophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	2-Picoline	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	3-Methylcholanthrene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Aminobiphenyl	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Chloroaniline	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Nitrophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	394	µg/kg	U	VU	138	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Acenaphthene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Acenaphthylene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Acetophenone	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Aniline	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Anthracene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Aramite	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Atrazine	394	µg/kg	U	VU	157	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzaldehyde	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzo[A]Anthracene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzo[A]Pyrene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzoic Acid	787	µg/kg	U	VU	197	787	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Benzyl Alcohol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Caprolactam	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Carbazole	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Chlorobenzilate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Chrysene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Diallate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Dibenzofuran	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Diethyl Phthalate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Dimethoate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Dimethyl Phthalate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Dinitro-O-Cresol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Disulfoton	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Ethyl Methacrylate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Ethyl Methanesulfonate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Famphur	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Fluoranthene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Fluorene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Hexachlorobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Hexachlorobutadiene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	394	µg/kg	U	VU	118	394	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL59	8/19/2014	EPA8270D	Hexachloroethane	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Hexachlorophene	19,700	µg/kg	U	VU	4,570	19,700	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Hexachloropropene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Isodrin	394	µg/kg	U	VU	78.7	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Isophorone	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Isosafrole	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Kepone	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	M/P-Cresol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Methapyrilene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Methyl Methanesulfonate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Methyl Parathion	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	M-Nitroaniline	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Naphthalene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Dioctyl Phthalate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Nitrobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosodiethylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosodimethylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosomorpholine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Parathion	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	P-Chloro-M-Cresol	394	µg/kg	U	VU	157	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pentachloroethane	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pentachloroethane	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pentachloronitrobenzene	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pentachlorophenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Phenacetin	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Phenanthrene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Phenol	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Phorate	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	P-Nitroaniline	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	P-Phenylenediamine	19,700	µg/kg	U	VU	3,940	19,700	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pronamide	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pyrene	39.4	µg/kg	U	VU	11.8	39.4	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Pyridine	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Safrole	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Sulfotepp	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA8270D	Thionazin	394	µg/kg	U	VU	118	394	µg/kg	REG
DAABFILL59	8/19/2014	EPA9012B	Cyanide	274	µg/kg	U	VU	91.5	274	µg/kg	REG
DAABFILL59	8/19/2014	RADA-001	Gross Alpha	5.19	pCi/g	J	VU	2.42	6.2	pCi/g	REG
DAABFILL59	8/19/2014	RADA-001	Nonvolatile Beta	2.69	pCi/g	J	VU	1.98	4.56	pCi/g	REG
DAABFILL60	8/19/2014	EPA6010C	Aluminum	1,360,000	µg/kg		VU	6,980	20,500	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Antimony	1,030	µg/kg	U	VU	339	1,030	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Arsenic	30,800	µg/kg	U	VU	5,130	30,800	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Barium	9,650	µg/kg		VU	103	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Beryllium	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Cadmium	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Calcium	20,900	µg/kg	J	VU	8,210	25,600	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Chromium	1,240	µg/kg		VU	154	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Cobalt	425	µg/kg	J	VU	154	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Copper	571	µg/kg	J	VU	308	1,030	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Iron	1,500,000	µg/kg		VU	8,210	25,600	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Lead	684	µg/kg	J	VU	339	1,030	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Magnesium	33,600	µg/kg		VU	8,720	30,800	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Manganese	31,300	µg/kg		VU	205	1,030	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL60	8/19/2014	EPA6010C	Nickel	500	µg/kg	J	VU	154	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Potassium	25,400	µg/kg	J	VU	6,570	25,600	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Selenium	5,170	µg/kg		VU	513	3,080	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Silver	513	µg/kg	U	VU	103	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Sodium	25,600	µg/kg	U	VU	7,180	25,600	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Thallium	2,050	µg/kg	U	VU	513	2,050	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Vanadium	2,560	µg/kg		VU	103	513	µg/kg	REG
DAABFILL60	8/19/2014	EPA6010C	Zinc	1,360	µg/kg		VU	410	1,030	µg/kg	REG
DAABFILL60	8/19/2014	EPA7471B	Mercury	18.5	µg/kg		VU	3.88	11.6	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Aldrin	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Alpha-Chlordane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	DDD	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	DDE	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	DDT	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endosulfan I	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Gamma-Chlordane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Heptachlor	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Heptachlor Epoxide	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Lindane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Methoxychlor	7.09	µg/kg	U	VU	1.77	7.09	µg/kg	REG
DAABFILL60	8/19/2014	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.9	17.7	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1016	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1221	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1232	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1242	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1248	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1254	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8082A	Aroclor 1260	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1-Dichloroethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.06	µg/kg	U	VU	0.532	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2-Dibromoethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,2-Dichloropropane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	1,4-Dioxane	53.2	µg/kg	U	VU	17.7	53.2	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	2-Hexanone	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Acetone	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Benzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Bromochloromethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Bromodichloromethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Carbon Disulfide	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Carbon Tetrachloride	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Chlorobenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL60	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Chloroform	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Cyclohexane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Dibromochloromethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	1.87	µg/kg	J	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Ethylbenzene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	M,P-Xylene	2.13	µg/kg	U	VU	0.71	2.13	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Methyl Acetate	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.32	µg/kg	U	VU	1.78	5.32	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Methylcyclohexane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	O-Xylene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Styrene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Toluene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8260B	Trichlorofluoromethane	1.06	µg/kg	U	VU	0.355	1.06	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,2-Dichlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,3-Dichlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,3-Dinitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,4-Dichlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,4-Dioxane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1,4-Naphthoquinone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	1-Naphthylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4-Dinitrophenol	709	µg/kg	U	VU	106	709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,6-Dichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Acetylaminofluorene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Naphthylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	2-Picoline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	3-Methylcholanthrene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	4-Aminobiphenyl	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL60	8/19/2014	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	355	µg/kg	U	VU	124	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Acetophenone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Aniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Aramite	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzoic Acid	709	µg/kg	U	VU	177	709	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Benzyl Alcohol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Caprolactam	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Chlorobenzilate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Diallate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Dimethoate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Disulfoton	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Ethyl Methacrylate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Ethyl Methanesulfonate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Famphur	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachlorophene	17,700	µg/kg	U	VU	4,110	17,700	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Hexachloropropene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Isodrin	355	µg/kg	U	VU	70.9	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Isophorone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Isosafrole	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Kepone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Methapyrilene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Methyl Methanesulfonate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Methyl Parathion	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosodiethylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosodimethylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosomorpholine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Parathion	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pentachloroethane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pentachloroethane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pentachloronitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Phenacetin	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Phenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Phorate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	P-Phenylenediamine	17,700	µg/kg	U	VU	3,550	17,700	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pronamide	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Pyridine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Safrole	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Sulfotepp	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA8270D	Thionazin	355	µg/kg	U	VU	106	355	µg/kg	REG
DAABFILL60	8/19/2014	EPA9012B	Cyanide	261	µg/kg	U	VU	87.2	261	µg/kg	REG
DAABFILL60	8/19/2014	RADA-001	Gross Alpha	1.39	pCi/g	U	VU	3.99	8.65	pCi/g	REG
DAABFILL60	8/19/2014	RADA-001	Nonvolatile Beta	7.65	pCi/g		VU	1.81	4.63	pCi/g	REG
DAABFILL61	8/19/2014	EPA6010C	Aluminum	902,000	µg/kg		VU	7,690	22,600	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Antimony	1,130	µg/kg	U	VU	373	1,130	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Arsenic	33,900	µg/kg	U	VU	5,650	33,900	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Barium	3,480	µg/kg		VU	113	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Beryllium	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Cadmium	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Calcium	23,100	µg/kg	J	VU	9,050	28,300	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Chromium	814	µg/kg		VU	170	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Cobalt	194	µg/kg	J	VU	170	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Copper	450	µg/kg	J	VU	339	1,130	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Iron	1,170,000	µg/kg		VU	9,050	28,300	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Lead	1,130	µg/kg	U	VU	373	1,130	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Magnesium	22,600	µg/kg	J	VU	9,610	33,900	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Manganese	8,800	µg/kg		VU	226	1,130	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Nickel	325	µg/kg	J	VU	170	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Potassium	19,600	µg/kg	J	VU	7,240	28,300	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Selenium	3,390	µg/kg		VU	565	3,390	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Silver	565	µg/kg	U	VU	113	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Sodium	28,300	µg/kg	U	VU	7,920	28,300	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Thallium	2,260	µg/kg	U	VU	565	2,260	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Vanadium	2,080	µg/kg		VU	113	565	µg/kg	REG
DAABFILL61	8/19/2014	EPA6010C	Zinc	840	µg/kg	J	VU	452	1130	µg/kg	REG
DAABFILL61	8/19/2014	EPA7471B	Mercury	12.5	µg/kg		VU	3.97	11.9	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Aldrin	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Alpha-Chlordane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	DDD	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	DDE	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	DDT	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL61	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Dieldrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endosulfan I	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endosulfan II	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endosulfan Sulfate	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endrin	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endrin Aldehyde	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Endrin Ketone	1.5	µg/kg	U	VU	0.374	1.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Gamma-Chlordane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Heptachlor	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Heptachlor Epoxide	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Lindane	0.748	µg/kg	U	VU	0.187	0.748	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Methoxychlor	7.48	µg/kg	U	VU	1.87	7.48	µg/kg	REG
DAABFILL61	8/19/2014	EPA8081B	Toxaphene	18.7	µg/kg	U	VU	6.23	18.7	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1016	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1221	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1232	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1242	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1248	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1254	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8082A	Aroclor 1260	3.71	µg/kg	U	VU	1.23	3.71	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1-Dichloroethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.09	µg/kg	U	VU	0.544	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2-Dibromoethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,2-Dichloropropane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	1,4-Dioxane	54.4	µg/kg	U	VU	18.1	54.4	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	2-Hexanone	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Acetone	29.4	µg/kg		VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Benzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Bromochloromethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Bromodichloromethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Carbon Disulfide	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Carbon Tetrachloride	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Chlorobenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Chloroform	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Cyclohexane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Dibromochloromethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Ethylbenzene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	M,P-Xylene	2.17	µg/kg	U	VU	0.725	2.17	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Methyl Acetate	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.44	µg/kg	U	VU	1.81	5.44	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL61	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Methylcyclohexane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	O-Xylene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Styrene	6.02	µg/kg		VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Toluene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8260B	Trichlorofluoromethane	1.09	µg/kg	U	VU	0.362	1.09	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,1'-Biphenyl	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,2-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,3-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,3-Dinitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,4-Dichlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,4-Dioxane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1,4-Naphthoquinone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	1-Naphthylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4-Dichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4-Dimethylphenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4-Dinitrophenol	750	µg/kg	U	VU	113	750	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,4-Dinitrotoluene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,6-Dichlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2,6-Dinitrotoluene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Acetylaminofluorene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Chloronaphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Chlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Methylnaphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Naphthylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Nitroaniline	375	µg/kg	U	VU	124	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Nitrophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	2-Picoline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	3-Methylcholanthrene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Aminobiphenyl	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Chloroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Nitrophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	375	µg/kg	U	VU	131	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Acenaphthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Acenaphthylene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Acetophenone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Aniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Aramite	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Atrazine	375	µg/kg	U	VU	150	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzaldehyde	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzo[A]Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL61	8/19/2014	EPA8270D	Benzo[A]Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzoic Acid	750	µg/kg	U	VU	188	750	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Benzyl Alcohol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Caprolactam	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Carbazole	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Chlorobenzilate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Chrysene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Diallate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Dibenzofuran	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Diethyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Dimethoate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Dimethyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Dinitro-O-Cresol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Disulfoton	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Ethyl Methacrylate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Ethyl Methanesulfonate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Famphur	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Fluoranthene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Fluorene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachlorobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachlorobutadiene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachlorophene	18,800	µg/kg	U	VU	4,350	18,800	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Hexachloropropene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Isodrin	375	µg/kg	U	VU	75	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Isophorone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Isosafrole	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Kepone	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	M/P-Cresol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Methapyrilene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Methyl Methanesulfonate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Methyl Parathion	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	M-Nitroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Naphthalene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Dioctyl Phthalate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Nitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosodiethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosodimethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosomorpholine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Parathion	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	P-Chloro-M-Cresol	375	µg/kg	U	VU	150	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pentachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pentachloroethane	375	µg/kg	U	VU	113	375	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL61	8/19/2014	EPA8270D	Pentachloronitrobenzene	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pentachlorophenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Phenacetin	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Phenanthrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Phenol	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Phorate	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	P-Nitroaniline	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	P-Phenylenediamine	18,800	µg/kg	U	VU	3,750	18,800	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pronamide	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pyrene	37.5	µg/kg	U	VU	11.3	37.5	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Pyridine	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Safrole	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Sulfotepp	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA8270D	Thionazin	375	µg/kg	U	VU	113	375	µg/kg	REG
DAABFILL61	8/19/2014	EPA9012B	Cyanide	252	µg/kg	U	VU	84.3	252	µg/kg	REG
DAABFILL61	8/19/2014	RADA-001	Gross Alpha	9.13	pCi/g	J	VU	3.88	11.6	pCi/g	REG
DAABFILL61	8/19/2014	RADA-001	Nonvolatile Beta	7.36	pCi/g	J	VU	5.43	12.9	pCi/g	REG
DAABFILL62	8/19/2014	EPA6010C	Aluminum	1,860,000	µg/kg		VU	6,790	20,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Antimony	999	µg/kg	U	VU	330	999	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Arsenic	30,000	µg/kg	U	VU	4,990	30,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Barium	14,400	µg/kg		VU	100	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Beryllium	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Cadmium	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Calcium	34,200	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Chromium	1,510	µg/kg		VU	150	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Cobalt	700	µg/kg		VU	150	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Copper	761	µg/kg	J	VU	300	999	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Iron	1,980,000	µg/kg		VU	7,990	25,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Lead	1,160	µg/kg		VU	330	999	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Magnesium	43,000	µg/kg		VU	8,490	30,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Manganese	14,800	µg/kg		VU	200	999	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Nickel	621	µg/kg		VU	150	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Potassium	39,100	µg/kg		VU	6,390	25,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Selenium	4,880	µg/kg		VU	499	3,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Silver	499	µg/kg	U	VU	100	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Sodium	25,000	µg/kg	U	VU	6,990	25,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Thallium	2,000	µg/kg	U	VU	499	2,000	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Vanadium	3,690	µg/kg		VU	99.9	499	µg/kg	REG
DAABFILL62	8/19/2014	EPA6010C	Zinc	1,480	µg/kg		VU	399	999	µg/kg	REG
DAABFILL62	8/19/2014	EPA7471B	Mercury	18.6	µg/kg		VU	3.9	11.6	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Aldrin	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Alpha-Chlordane	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	DDD	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	DDE	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	DDT	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Dieldrin	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endosulfan I	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endosulfan II	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endosulfan Sulfate	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endrin	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endrin Aldehyde	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Endrin Ketone	1.4	µg/kg	U	VU	0.35	1.4	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Gamma-Chlordane	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Heptachlor	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Heptachlor Epoxide	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Lindane	0.7	µg/kg	U	VU	0.175	0.7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Methoxychlor	7	µg/kg	U	VU	1.75	7	µg/kg	REG
DAABFILL62	8/19/2014	EPA8081B	Toxaphene	17.5	µg/kg	U	VU	5.83	17.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1016	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1221	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1232	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1242	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1248	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1254	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8082A	Aroclor 1260	3.5	µg/kg	U	VU	1.16	3.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.525	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	1,4-Dioxane	52.5	µg/kg	U	VU	17.5	52.5	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	2-Hexanone	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Acetone	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Carbon Disulfide	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	M,P-Xylene	2.1	µg/kg	U	VU	0.701	2.1	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Methyl Acetate	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.25	µg/kg	U	VU	1.75	5.25	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,1'-Biphenyl	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,2-Dichlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL62	8/19/2014	EPA8270D	1,3-Dichlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,3-Dinitrobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,4-Dichlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,4-Dioxane	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1,4-Naphthoquinone	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	1-Naphthylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4-Dichlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4-Dimethylphenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4-Dinitrophenol	699	µg/kg	U	VU	105	699	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,4-Dinitrotoluene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,6-Dichlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2,6-Dinitrotoluene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Acetylaminofluorene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Chloronaphthalene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Chlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Methylnaphthalene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Naphthylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Nitroaniline	349	µg/kg	U	VU	115	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Nitrophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	2-Picoline	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	3-Methylcholanthrene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Aminobiphenyl	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Chloroaniline	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Nitrophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	349	µg/kg	U	VU	122	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Acenaphthene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Acenaphthylene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Acetophenone	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Aniline	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Anthracene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Aramite	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Atrazine	349	µg/kg	U	VU	140	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzaldehyde	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzo[A]Anthracene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzo[A]Pyrene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzoic Acid	699	µg/kg	U	VU	175	699	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Benzyl Alcohol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Caprolactam	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Carbazole	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Chlorobenzilate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Chrysene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Diallate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL62	8/19/2014	EPA8270D	Dibenzofuran	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Diethyl Phthalate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Dimethoate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Dimethyl Phthalate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Dinitro-O-Cresol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Disulfoton	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Ethyl Methacrylate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Ethyl Methanesulfonate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Famphur	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Fluoranthene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Fluorene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachlorobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachlorobutadiene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachloroethane	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachlorophene	17,500	µg/kg	U	VU	4,050	17,500	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Hexachloropropene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Isodrin	349	µg/kg	U	VU	69.9	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Isophorone	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Isosafrole	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Kepone	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	M/P-Cresol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Methapyrilene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Methyl Methanesulfonate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Methyl Parathion	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	M-Nitroaniline	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Naphthalene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Dioctyl Phthalate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Nitrobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosodiethylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosodimethylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosomorpholine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Parathion	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	P-Chloro-M-Cresol	349	µg/kg	U	VU	140	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pentachloroethane	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pentachloroethane	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pentachloronitrobenzene	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pentachlorophenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Phenacetin	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Phenanthrene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Phenol	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Phorate	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	P-Nitroaniline	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	P-Phenylenediamine	17,500	µg/kg	U	VU	3,490	17,500	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pronamide	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pyrene	34.9	µg/kg	U	VU	10.5	34.9	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Pyridine	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Safrole	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Sulfotepp	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA8270D	Thionazin	349	µg/kg	U	VU	105	349	µg/kg	REG
DAABFILL62	8/19/2014	EPA9012B	Cyanide	223	µg/kg	U	VU	74.3	223	µg/kg	REG
DAABFILL62	8/19/2014	RADA-001	Gross Alpha	6.05	pCi/g	J	VU	3.95	9.33	pCi/g	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL62	8/19/2014	RADA-001	Nonvolatile Beta	4.69	pCi/g	J	VU	2.46	5.76	pCi/g	REG
DAABFILL63	8/19/2014	EPA6010C	Aluminum	1,350,000	µg/kg		VU	8,400	24,700	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Antimony	1,240	µg/kg	U	VU	408	1,240	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Arsenic	37,100	µg/kg	U	VU	6,180	37,100	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Barium	5,520	µg/kg		VU	124	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Beryllium	618	µg/kg	U	VU	124	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Cadmium	618	µg/kg	U	VU	124	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Calcium	34,500	µg/kg		VU	9,880	30,900	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Chromium	1,640	µg/kg		VU	185	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Cobalt	618	µg/kg	U	VU	185	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Copper	533	µg/kg	J	VU	371	1,240	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Iron	1,540,000	µg/kg		VU	9,880	30,900	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Lead	790	µg/kg	J	VU	408	1,240	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Magnesium	33,600	µg/kg	J	VU	10,500	37,100	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Manganese	5,180	µg/kg		VU	247	1,240	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Nickel	485	µg/kg	J	VU	185	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Potassium	22,700	µg/kg	J	VU	7,910	30,900	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Selenium	5,300	µg/kg		VU	618	3,710	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Silver	618	µg/kg	U	VU	124	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Sodium	30,900	µg/kg	U	VU	8,650	30,900	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Thallium	2,470	µg/kg	U	VU	618	2,470	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Vanadium	2,770	µg/kg		VU	124	618	µg/kg	REG
DAABFILL63	8/19/2014	EPA6010C	Zinc	954	µg/kg	J	VU	494	1,240	µg/kg	REG
DAABFILL63	8/19/2014	EPA7471B	Mercury	8.02	µg/kg	J	VU	4.48	13.4	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Aldrin	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Alpha-Chlordane	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	DDD	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	DDE	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	DDT	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Dieldrin	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endosulfan I	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endosulfan II	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endosulfan Sulfate	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endrin	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endrin Aldehyde	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Endrin Ketone	1.67	µg/kg	U	VU	0.417	1.67	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Gamma-Chlordane	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Heptachlor	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Heptachlor Epoxide	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Lindane	0.835	µg/kg	U	VU	0.209	0.835	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Methoxychlor	8.35	µg/kg	U	VU	2.09	8.35	µg/kg	REG
DAABFILL63	8/19/2014	EPA8081B	Toxaphene	20.9	µg/kg	U	VU	6.95	20.9	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1016	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1221	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1232	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1242	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1248	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1254	4.16	µg/kg	U	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8082A	Aroclor 1260	1.86	µg/kg	J	VU	1.39	4.16	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1-Dichloroethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.2	µg/kg	U	VU	0.602	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2-Dibromoethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL63	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,2-Dichloropropane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	1,4-Dioxane	60.2	µg/kg	U	VU	20.1	60.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	2-Hexanone	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Acetone	23.7	µg/kg		VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Benzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Bromochloromethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Bromodichloromethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Carbon Disulfide	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Carbon Tetrachloride	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Chlorobenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Chloroform	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Cyclohexane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Dibromochloromethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Ethylbenzene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	M,P-Xylene	2.41	µg/kg	U	VU	0.803	2.41	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Methyl Acetate	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Methyl Ethyl Ketone	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	6.02	µg/kg	U	VU	2.01	6.02	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Methylcyclohexane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	O-Xylene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Styrene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Toluene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8260B	Trichlorofluoromethane	1.2	µg/kg	U	VU	0.401	1.2	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,1'-Biphenyl	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,2-Dichlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,3-Dichlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,3-Dinitrobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,4-Dichlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,4-Dioxane	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1,4-Naphthoquinone	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	1-Naphthylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4-Dichlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4-Dimethylphenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4-Dinitrophenol	834	µg/kg	U	VU	125	834	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,4-Dinitrotoluene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,6-Dichlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2,6-Dinitrotoluene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Acetylaminofluorene	417	µg/kg	U	VU	125	417	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL63	8/19/2014	EPA8270D	2-Chloronaphthalene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Chlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Methylnaphthalene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Naphthylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Nitroaniline	417	µg/kg	U	VU	138	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Nitrophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	2-Picoline	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	3-Methylcholanthrene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Aminobiphenyl	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Chloroaniline	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Nitrophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	417	µg/kg	U	VU	146	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Acenaphthene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Acenaphthylene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Acetophenone	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Aniline	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Anthracene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Aramite	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Atrazine	417	µg/kg	U	VU	167	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzaldehyde	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzo[A]Anthracene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzo[A]Pyrene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzoic Acid	834	µg/kg	U	VU	208	834	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Benzyl Alcohol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Caprolactam	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Carbazole	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Chlorobenzilate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Chrysene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Diallate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Dibenzofuran	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Diethyl Phthalate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Dimethoate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Dimethyl Phthalate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Dinitro-O-Cresol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Disulfoton	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Ethyl Methacrylate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Ethyl Methanesulfonate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Famphur	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Fluoranthene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Fluorene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Hexachlorobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Hexachlorobutadiene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Hexachloroethane	417	µg/kg	U	VU	125	417	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL63	8/19/2014	EPA8270D	Hexachlorophene	20,800	µg/kg	U	VU	4,830	20,800	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Hexachloropropene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Isodrin	417	µg/kg	U	VU	83.4	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Isophorone	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Isosafrole	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Kepone	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	M/P-Cresol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Methapyrilene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Methyl Methanesulfonate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Methyl Parathion	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	M-Nitroaniline	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Naphthalene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Dioctyl Phthalate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Nitrobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosodiethylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosodimethylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosomorpholine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Parathion	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	P-Chloro-M-Cresol	417	µg/kg	U	VU	167	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pentachloroethane	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pentachloroethane	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pentachloronitrobenzene	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pentachlorophenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Phenacetin	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Phenanthrene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Phenol	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Phorate	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	P-Nitroaniline	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	P-Phenylenediamine	20,800	µg/kg	U	VU	4,170	20,800	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pronamide	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pyrene	41.7	µg/kg	U	VU	12.5	41.7	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Pyridine	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Safrole	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Sulfotepp	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA8270D	Thionazin	417	µg/kg	U	VU	125	417	µg/kg	REG
DAABFILL63	8/19/2014	EPA9012B	Cyanide	270	µg/kg	U	VU	90.2	270	µg/kg	REG
DAABFILL63	8/19/2014	RADA-001	Gross Alpha	7.57	pCi/g	J	VU	3.83	10.3	pCi/g	REG
DAABFILL63	8/19/2014	RADA-001	Nonvolatile Beta	4.08	pCi/g	J	VU	3.74	8.56	pCi/g	REG
DAABFILL64	8/19/2014	EPA6010C	Aluminum	1,140,000	µg/kg		VU	6,930	20,400	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Antimony	1,020	µg/kg	U	VU	336	1,020	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Arsenic	30,600	µg/kg	U	VU	5,100	30,600	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Barium	8,140	µg/kg		VU	102	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Beryllium	510	µg/kg	U	VU	102	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Cadmium	510	µg/kg	U	VU	102	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Calcium	29,000	µg/kg		VU	8,160	25,500	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Chromium	1,480	µg/kg		VU	153	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Cobalt	371	µg/kg	J	VU	153	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Copper	552	µg/kg	J	VU	306	1,020	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Iron	1,280,000	µg/kg		VU	8,160	25,500	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Lead	1,560	µg/kg		VU	336	1,020	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Magnesium	35,300	µg/kg		VU	8,670	30,600	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Manganese	44,000	µg/kg		VU	204	1,020	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Nickel	586	µg/kg		VU	153	510	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL64	8/19/2014	EPA6010C	Potassium	25,600	µg/kg		VU	6,530	25,500	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Selenium	3,380	µg/kg		VU	510	3,060	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Silver	510	µg/kg	U	VU	102	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Sodium	25,500	µg/kg	U	VU	7,140	25,500	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Thallium	2,040	µg/kg	U	VU	510	2,040	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Vanadium	2,590	µg/kg		VU	102	510	µg/kg	REG
DAABFILL64	8/19/2014	EPA6010C	Zinc	1,200	µg/kg		VU	408	1,020	µg/kg	REG
DAABFILL64	8/19/2014	EPA7471B	Mercury	8.75	µg/kg	J	VU	3.94	11.7	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Aldrin	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Alpha-Benzene Hexachloride	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Alpha-Chlordane	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Beta-Benzene Hexachloride	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	DDD	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	DDE	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	DDT	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Delta-Benzene Hexachloride	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endosulfan I	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Gamma-Chlordane	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Heptachlor	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Heptachlor Epoxide	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Lindane	0.72	µg/kg	U	VU	0.18	0.72	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Methoxychlor	7.2	µg/kg	U	VU	1.8	7.2	µg/kg	REG
DAABFILL64	8/19/2014	EPA8081B	Toxaphene	18	µg/kg	U	VU	5.99	18	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1016	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1221	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1232	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1242	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1248	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1254	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8082A	Aroclor 1260	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1,1-Trchloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2,3-Trchlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2,4-Trchlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.523	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	1,4-Dioxane	52.3	µg/kg	U	VU	17.4	52.3	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	2-Hexanone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Acetone	3.81	µg/kg	J	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Carbon Disulfide	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL64	8/19/2014	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Cumene (Isopropyl Benzene)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Dichloromethane (Methylene Chloride)	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	M,P-Xylene	2.09	µg/kg	U	VU	0.697	2.09	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Methyl Acetate	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Methyl Ethyl Ketone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Methyl Isobutyl Ketone	5.23	µg/kg	U	VU	1.74	5.23	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Tetrachloroethylene(PCE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.348	1.05	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,1'-Biphenyl	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,2,4,5-Tetrachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,2,4-Trchlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,2-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1 2-Diphenylhydrazine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,3,5-Trinitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,3-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,3-Dinitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,4-Dichlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,4-Dioxane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1,4-Naphthoquinone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	1-Naphthylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,3,4,6-Tetrachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4,5-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4,6-Trichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4-Dichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4-Dimethylphenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4-Dinitrophenol	721	µg/kg	U	VU	108	721	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,4-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,6-Dichlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2,6-Dinitrotoluene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Acetylaminofluorene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Chloronaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Chlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Methylaniline (O-Toluidine)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Methylnaphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Naphthylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Nitroaniline	360	µg/kg	U	VU	119	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	2-Picoline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	3,3-Dichlorobenzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	3,3'-Dimethylbenzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	3-Methylcholanthrene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	4-Aminobiphenyl	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	4-Bromophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	4-Chloroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	4-Chlorophenyl Phenyl Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	4-Nitrophenol	360	µg/kg	U	VU	108	360	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL64	8/19/2014	EPA8270D	4-Nitoquinoline-1-Oxide	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	5-Nitro-O-Toluidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	7 12-Dimethylbenz(A)Anthracene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	A,A-Dimethylphenethylamine	360	µg/kg	U	VU	126	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Acenaphthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Acenaphthylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Acetophenone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Aniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Aramite	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Atrazine	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzaldehyde	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzo(G,H,I)Perylene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzo[A]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzo[A]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzo[B]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzo[K]Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzoic Acid	721	µg/kg	U	VU	180	721	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Benzyl Alcohol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Bis(2-Chloroethoxy)Methane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Bis(2-Chloroethyl)Ether	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Butyl Benzyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Caprolactam	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Carbazole	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Chlorobenzilate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Chrysene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Diallate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Dibenz[A,H]Anthracene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Dibenzofuran	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Diethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Dimethoate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Dimethyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Di-N-Butyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Dinitro-O-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Disulfoton	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Ethyl Methacrylate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Ethyl Methanesulfonate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Famphur	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Fluoranthene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Fluorene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachlorobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachlorobutadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachlorocyclopentadiene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachlorophene	18,000	µg/kg	U	VU	4,180	18,000	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Hexachloropropene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Isodrin	360	µg/kg	U	VU	72.1	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Isophorone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Isosafrole	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Kepone	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	M/P-Cresol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Methapyrilene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Methyl Methanesulfonate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Methyl Parathion	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	M-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Naphthalene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Dioctyl Phthalate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Nitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosodiethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG

TABLE 1- ATTACHMENT 2

All Data From Common Fill Borrow Site

Samples DAABFILL01 through DAABFILL64

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Units	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosodimethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosodi-N-Butylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosodiphenylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosomorpholine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitroso-N-Methylethylamine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	N-Nitrosopyrrolidine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	O,O,O-Triethyl Phosphorothioate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	O-Cresol (2-Methylphenol)	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Parathion	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	P-Chloro-M-Cresol	360	µg/kg	U	VU	144	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	P-Dimethylaminoazobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pentachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pentachloroethane	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pentachloronitrobenzene	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pentachlorophenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Phenacetin	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Phenanthrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Phenol	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Phorate	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	P-Nitroaniline	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	P-Phenylenediamine	18,000	µg/kg	U	VU	3,600	18,000	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pronamide	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pyrene	36	µg/kg	U	VU	10.8	36	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Pyridine	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Safrole	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Sulfotepp	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA8270D	Thionazin	360	µg/kg	U	VU	108	360	µg/kg	REG
DAABFILL64	8/19/2014	EPA9012B	Cyanide	247	µg/kg	U	VU	82.5	247	µg/kg	REG
DAABFILL64	8/19/2014	RADA-001	Gross Alpha	2.39	pCi/g	U	VU	3.7	8.38	pCi/g	REG
DAABFILL64	8/19/2014	RADA-001	Nonvolatile Beta	6.2	pCi/g	J	VU	4.09	9.67	pCi/g	REG

TABLE 2 — ATTACHMENT 1

Detected Results from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Method Code	Analyte	Result	Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAAB-TS-04	EPA6010C	Arsenic	3,800	µg/kg		501	3,010	µg/kg
DAAB-TS-14	EPA6010C	Arsenic	2,590	µg/kg	J	504	3,020	µg/kg
DAAB-TS-13	EPA6010C	Arsenic	2,460	µg/kg	J	529	3,170	µg/kg
DAAB-TS-02	EPA6010C	Arsenic	2,450	µg/kg	J	532	3,190	µg/kg
DAAB-TS-08	EPA6010C	Arsenic	2,320	µg/kg	J	522	3,130	µg/kg
DAAB-TS-07	EPA6010C	Arsenic	2,310	µg/kg	J	543	3,260	µg/kg
DAAB-TS-09	EPA6010C	Arsenic	2,270	µg/kg	J	537	3,220	µg/kg
DAAB-TS-06	EPA6010C	Arsenic	2,260	µg/kg	J	519	3,110	µg/kg
DAAB-TS-12	EPA6010C	Arsenic	2,250	µg/kg	J	535	3,210	µg/kg
DAAB-TS-03	EPA6010C	Arsenic	2,200	µg/kg	J	497	2,980	µg/kg
DAAB-TS-01	EPA6010C	Arsenic	2,190	µg/kg	J	527	3,160	µg/kg
DAAB-TS-05	EPA6010C	Arsenic	2,170	µg/kg	J	513	3,080	µg/kg
DAAB-TS-15	EPA6010C	Arsenic	2,160	µg/kg	J	532	3,190	µg/kg
DAAB-TS-10	EPA6010C	Arsenic	2,130	µg/kg	J	530	3,180	µg/kg
DAAB-TS-11	EPA6010C	Arsenic	2,130	µg/kg	J	504	3,020	µg/kg
DAAB-TS-04	EPA6010C	Beryllium	356	µg/kg	J	100	501	µg/kg
DAAB-TS-14	EPA6010C	Beryllium	308	µg/kg	J	101	504	µg/kg
DAAB-TS-15	EPA6010C	Beryllium	302	µg/kg	J	106	532	µg/kg
DAAB-TS-12	EPA6010C	Beryllium	292	µg/kg	J	107	535	µg/kg
DAAB-TS-06	EPA6010C	Beryllium	290	µg/kg	J	104	519	µg/kg
DAAB-TS-13	EPA6010C	Beryllium	287	µg/kg	J	106	529	µg/kg
DAAB-TS-07	EPA6010C	Beryllium	283	µg/kg	J	109	543	µg/kg
DAAB-TS-03	EPA6010C	Beryllium	276	µg/kg	J	99.3	497	µg/kg
DAAB-TS-02	EPA6010C	Beryllium	274	µg/kg	J	106	532	µg/kg
DAAB-TS-08	EPA6010C	Beryllium	274	µg/kg	J	104	522	µg/kg
DAAB-TS-01	EPA6010C	Beryllium	270	µg/kg	J	105	527	µg/kg
DAAB-TS-10	EPA6010C	Beryllium	268	µg/kg	J	106	530	µg/kg
DAAB-TS-05	EPA6010C	Beryllium	264	µg/kg	J	103	513	µg/kg
DAAB-TS-09	EPA6010C	Beryllium	256	µg/kg	J	107	537	µg/kg
DAAB-TS-11	EPA6010C	Beryllium	255	µg/kg	J	101	504	µg/kg
DAAB-TS-04	EPA6010C	Chromium	34,300	µg/kg		150	501	µg/kg
DAAB-TS-14	EPA6010C	Chromium	10,400	µg/kg		151	504	µg/kg
DAAB-TS-06	EPA6010C	Chromium	5,180	µg/kg		156	519	µg/kg
DAAB-TS-12	EPA6010C	Chromium	4,820	µg/kg		161	535	µg/kg
DAAB-TS-07	EPA6010C	Chromium	4,780	µg/kg		163	543	µg/kg
DAAB-TS-08	EPA6010C	Chromium	4,780	µg/kg		157	522	µg/kg
DAAB-TS-03	EPA6010C	Chromium	4,750	µg/kg		149	497	µg/kg
DAAB-TS-01	EPA6010C	Chromium	4,730	µg/kg		158	527	µg/kg
DAAB-TS-13	EPA6010C	Chromium	4,680	µg/kg		159	529	µg/kg
DAAB-TS-02	EPA6010C	Chromium	4,670	µg/kg		160	532	µg/kg
DAAB-TS-15	EPA6010C	Chromium	4,600	µg/kg		160	532	µg/kg
DAAB-TS-11	EPA6010C	Chromium	4,560	µg/kg		151	504	µg/kg
DAAB-TS-05	EPA6010C	Chromium	4,490	µg/kg		154	513	µg/kg
DAAB-TS-10	EPA6010C	Chromium	4,490	µg/kg		159	530	µg/kg

TABLE 2 — ATTACHMENT 1

Detected Results from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Method Code	Analyte	Result	Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAAB-TS-09	EPA6010C	Chromium	4,320	µg/kg		161	537	µg/kg
DAAB-TS-10	EPA6010C	Copper	2,900	µg/kg		318	1,060	µg/kg
DAAB-TS-07	EPA6010C	Copper	2,770	µg/kg		326	1,090	µg/kg
DAAB-TS-15	EPA6010C	Copper	2,750	µg/kg		319	1,060	µg/kg
DAAB-TS-09	EPA6010C	Copper	2,650	µg/kg		322	1,070	µg/kg
DAAB-TS-08	EPA6010C	Copper	2,560	µg/kg		313	1,040	µg/kg
DAAB-TS-05	EPA6010C	Copper	2,510	µg/kg		308	1,030	µg/kg
DAAB-TS-12	EPA6010C	Copper	2,470	µg/kg		321	1,070	µg/kg
DAAB-TS-02	EPA6010C	Copper	2,460	µg/kg		319	1,060	µg/kg
DAAB-TS-04	EPA6010C	Copper	2,460	µg/kg		301	1,000	µg/kg
DAAB-TS-06	EPA6010C	Copper	2,460	µg/kg		311	1,040	µg/kg
DAAB-TS-13	EPA6010C	Copper	2,400	µg/kg		317	1,060	µg/kg
DAAB-TS-03	EPA6010C	Copper	2,370	µg/kg		298	993	µg/kg
DAAB-TS-01	EPA6010C	Copper	2,350	µg/kg		316	1,050	µg/kg
DAAB-TS-11	EPA6010C	Copper	2,340	µg/kg		302	1,010	µg/kg
DAAB-TS-14	EPA6010C	Copper	2,330	µg/kg		302	1,010	µg/kg
DAAB-TS-13	EPA9012B	Cyanide	169	µg/kg	J	80.6	241	µg/kg
DAAB-TS-09	EPA9012B	Cyanide	166	µg/kg	J	77.9	233	µg/kg
DAAB-TS-07	EPA9012B	Cyanide	157	µg/kg	J	91.2	273	µg/kg
DAAB-TS-08	EPA9012B	Cyanide	131	µg/kg	J	85.5	256	µg/kg
DAAB-TS-11	EPA9012B	Cyanide	125	µg/kg	J	75.2	225	µg/kg
DAAB-TS-12	EPA9012B	Cyanide	114	µg/kg	J	78	234	µg/kg
DAAB-TS-05	EPA9012B	Cyanide	99.9	µg/kg	J	73.8	221	µg/kg
DAAB-TS-10	EPA9012B	Cyanide	90.7	µg/kg	J	78.5	235	µg/kg
DAAB-TS-06	EPA9012B	Cyanide	88.5	µg/kg	J	67.8	203	µg/kg
DAAB-TS-04	EPA9012B	Cyanide	88.1	µg/kg	J	75.5	226	µg/kg
DAAB-TS-13	EPA6010C	Lead	6,310	µg/kg		349	1,060	µg/kg
DAAB-TS-12	EPA6010C	Lead	6,270	µg/kg		353	1,070	µg/kg
DAAB-TS-08	EPA6010C	Lead	6,060	µg/kg		344	1,040	µg/kg
DAAB-TS-10	EPA6010C	Lead	5,910	µg/kg		350	1,060	µg/kg
DAAB-TS-06	EPA6010C	Lead	5,900	µg/kg		342	1,040	µg/kg
DAAB-TS-07	EPA6010C	Lead	5,850	µg/kg		358	1,090	µg/kg
DAAB-TS-15	EPA6010C	Lead	5,780	µg/kg		351	1,060	µg/kg
DAAB-TS-09	EPA6010C	Lead	5,750	µg/kg		355	1,070	µg/kg
DAAB-TS-14	EPA6010C	Lead	5,730	µg/kg		332	1,010	µg/kg
DAAB-TS-04	EPA6010C	Lead	5,640	µg/kg		331	1,000	µg/kg
DAAB-TS-05	EPA6010C	Lead	5,620	µg/kg		338	1,030	µg/kg
DAAB-TS-11	EPA6010C	Lead	5,580	µg/kg		333	1,010	µg/kg
DAAB-TS-03	EPA6010C	Lead	5,540	µg/kg		328	993	µg/kg
DAAB-TS-02	EPA6010C	Lead	5,530	µg/kg		351	1,060	µg/kg
DAAB-TS-01	EPA6010C	Lead	5,430	µg/kg		348	1,050	µg/kg
DAAB-TS-10	EPA7471B	Mercury	20.9	µg/kg		4.25	12.7	µg/kg
DAAB-TS-05	EPA7471B	Mercury	20.8	µg/kg		4.01	12	µg/kg
DAAB-TS-06	EPA7471B	Mercury	20.7	µg/kg		3.9	11.6	µg/kg

TABLE 2 — ATTACHMENT 1

Detected Results from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Method Code	Analyte	Result	Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAAB-TS-01	EPA7471B	Mercury	20.5	µg/kg		4.21	12.6	µg/kg
DAAB-TS-02	EPA7471B	Mercury	20.5	µg/kg		4.09	12.2	µg/kg
DAAB-TS-08	EPA7471B	Mercury	20.3	µg/kg		4.35	13	µg/kg
DAAB-TS-04	EPA7471B	Mercury	20.1	µg/kg		4.23	12.6	µg/kg
DAAB-TS-13	EPA7471B	Mercury	19.6	µg/kg		4.14	12.4	µg/kg
DAAB-TS-09	EPA7471B	Mercury	19.2	µg/kg		4.2	12.5	µg/kg
DAAB-TS-14	EPA7471B	Mercury	18.8	µg/kg		4.17	12.4	µg/kg
DAAB-TS-11	EPA7471B	Mercury	18.7	µg/kg		4.22	12.6	µg/kg
DAAB-TS-07	EPA7471B	Mercury	18.5	µg/kg		4.33	12.9	µg/kg
DAAB-TS-15	EPA7471B	Mercury	18.5	µg/kg		4.33	12.9	µg/kg
DAAB-TS-03	EPA7471B	Mercury	18.1	µg/kg		4.15	12.4	µg/kg
DAAB-TS-12	EPA7471B	Mercury	17.1	µg/kg		3.79	11.3	µg/kg
DAAB-TS-06	EPA6010C	Nickel	1,260	µg/kg		156	519	µg/kg
DAAB-TS-03	EPA6010C	Nickel	1,250	µg/kg		149	497	µg/kg
DAAB-TS-15	EPA6010C	Nickel	1,240	µg/kg		160	532	µg/kg
DAAB-TS-04	EPA6010C	Nickel	1,220	µg/kg		150	501	µg/kg
DAAB-TS-07	EPA6010C	Nickel	1,200	µg/kg		163	543	µg/kg
DAAB-TS-02	EPA6010C	Nickel	1,180	µg/kg		160	532	µg/kg
DAAB-TS-14	EPA6010C	Nickel	1,180	µg/kg		151	504	µg/kg
DAAB-TS-08	EPA6010C	Nickel	1,160	µg/kg		157	522	µg/kg
DAAB-TS-01	EPA6010C	Nickel	1,150	µg/kg		158	527	µg/kg
DAAB-TS-05	EPA6010C	Nickel	1,150	µg/kg		154	513	µg/kg
DAAB-TS-10	EPA6010C	Nickel	1,130	µg/kg		159	530	µg/kg
DAAB-TS-12	EPA6010C	Nickel	1,110	µg/kg		161	535	µg/kg
DAAB-TS-09	EPA6010C	Nickel	1,080	µg/kg		161	537	µg/kg
DAAB-TS-13	EPA6010C	Nickel	1,080	µg/kg		159	529	µg/kg
DAAB-TS-11	EPA6010C	Nickel	1,050	µg/kg		151	504	µg/kg
DAAB-TS-07	EPA6010C	Zinc	8,180	µg/kg		434	1,090	µg/kg
DAAB-TS-09	EPA6010C	Zinc	7,740	µg/kg		430	1,070	µg/kg
DAAB-TS-08	EPA6010C	Zinc	7,470	µg/kg		417	1,040	µg/kg
DAAB-TS-15	EPA6010C	Zinc	7,470	µg/kg		426	1,060	µg/kg
DAAB-TS-06	EPA6010C	Zinc	7,130	µg/kg		415	1,040	µg/kg
DAAB-TS-12	EPA6010C	Zinc	7,020	µg/kg		428	1,070	µg/kg
DAAB-TS-13	EPA6010C	Zinc	6,990	µg/kg		423	1,060	µg/kg
DAAB-TS-05	EPA6010C	Zinc	6,950	µg/kg		410	1,030	µg/kg
DAAB-TS-11	EPA6010C	Zinc	6,840	µg/kg		403	1,010	µg/kg
DAAB-TS-10	EPA6010C	Zinc	6,820	µg/kg		424	1,060	µg/kg
DAAB-TS-02	EPA6010C	Zinc	6,520	µg/kg		426	1,060	µg/kg
DAAB-TS-14	EPA6010C	Zinc	6,480	µg/kg		403	1,010	µg/kg
DAAB-TS-03	EPA6010C	Zinc	6,410	µg/kg		397	993	µg/kg
DAAB-TS-01	EPA6010C	Zinc	6,310	µg/kg		422	1,050	µg/kg
DAAB-TS-04	EPA6010C	Zinc	6,290	µg/kg		401	1,000	µg/kg
DAAB-TS-06	EPA8260B	Acetone	10.4	µg/kg		1.75	5.26	µg/kg
DAAB-TS-04	EPA8260B	Acetone	6.03	µg/kg		1.65	4.94	µg/kg

TABLE 2 — ATTACHMENT 1

Detected Results from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Method Code	Analyte	Result	Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAAB-TS-02	EPA8260B	Acetone	5.54	µg/kg		1.68	5.04	µg/kg
DAAB-TS-03	EPA8260B	Acetone	5.17	µg/kg		1.64	4.93	µg/kg
DAAB-TS-13	EPA8260B	Acetone	4.41	µg/kg	J	1.73	5.2	µg/kg
DAAB-TS-11	EPA8260B	Acetone	3.71	µg/kg	J	1.64	4.92	µg/kg
DAAB-TS-01	EPA8260B	Acetone	3.11	µg/kg	J	1.69	5.06	µg/kg
DAAB-TS-10	EPA8260B	Acetone	2.79	µg/kg	J	1.71	5.14	µg/kg
DAAB-TS-09	EPA8260B	Acetone	2.68	µg/kg	J	1.73	5.19	µg/kg
DAAB-TS-14	EPA8260B	Acetone	2.65	µg/kg	J	1.73	5.18	µg/kg
DAAB-TS-05	EPA8260B	Acetone	2.59	µg/kg	J	1.7	5.09	µg/kg
DAAB-TS-08	EPA8260B	Acetone	2.25	µg/kg	J	1.71	5.12	µg/kg
DAAB-TS-12	EPA8260B	Acetone	1.99	µg/kg	J	1.74	5.21	µg/kg
DAAB-TS-15	EPA8260B	Acetone	1.87	µg/kg	J	1.75	5.24	µg/kg
DAAB-TS-03	EPA8260B	M,P-xylene	1.15	µg/kg	J	0.658	1.97	µg/kg
DAAB-TS-08	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.584	µg/kg	J	0.341	1.02	µg/kg
DAAB-TS-15	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.503	µg/kg	J	0.349	1.05	µg/kg
DAAB-TS-07	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.482	µg/kg	J	0.356	1.07	µg/kg
DAAB-TS-06	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.431	µg/kg	J	0.35	1.05	µg/kg
DAAB-TS-14	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.414	µg/kg	J	0.345	1.04	µg/kg
DAAB-TS-09	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.363	µg/kg	J	0.346	1.04	µg/kg
DAAB-TS-14	EPA8082A	AROCLOR 1254	5.62	µg/kg		1.19	3.59	µg/kg
DAAB-TS-14	RADA-001	Gross Alpha	12.9	pCi/g		2.49	8.53	pCi/g
DAAB-TS-07	RADA-001	Gross Alpha	11.8	pCi/g		2.89	9.13	pCi/g
DAAB-TS-15	RADA-001	Gross Alpha	11.2	pCi/g		2.57	8.21	pCi/g
DAAB-TS-02	RADA-001	Gross Alpha	11	pCi/g		2.37	8.07	pCi/g
DAAB-TS-05	RADA-001	Gross Alpha	9.87	pCi/g		2.94	8.42	pCi/g
DAAB-TS-12	RADA-001	Gross Alpha	8.96	pCi/g		2.8	8.08	pCi/g
DAAB-TS-04	RADA-001	Gross Alpha	8.41	pCi/g		2.9	8.02	pCi/g
DAAB-TS-11	RADA-001	Gross Alpha	8.37	pCi/g		2.84	8.12	pCi/g
DAAB-TS-08	RADA-001	Gross Alpha	7.81	pCi/g	J	2.97	8.03	pCi/g
DAAB-TS-10	RADA-001	Gross Alpha	7.02	pCi/g		2.55	6.99	pCi/g
DAAB-TS-06	RADA-001	Gross Alpha	6.95	pCi/g	J	2.85	7.75	pCi/g
DAAB-TS-09	RADA-001	Gross Alpha	6.74	pCi/g	J	2.94	7.72	pCi/g
DAAB-TS-03	RADA-001	Gross Alpha	6.45	pCi/g	J	2.9	7.54	pCi/g
DAAB-TS-01	RADA-001	Gross Alpha	5.64	pCi/g	J	2.94	7.46	pCi/g
DAAB-TS-14	RADA-001	Nonvolatile Beta	12.1	pCi/g		3.43	8.73	pCi/g
DAAB-TS-07	RADA-001	Nonvolatile Beta	12	pCi/g		3.24	8.5	pCi/g
DAAB-TS-05	RADA-001	Nonvolatile Beta	10.7	pCi/g		2.62	6.78	pCi/g
DAAB-TS-15	RADA-001	Nonvolatile Beta	9.77	pCi/g		2.99	7.71	pCi/g
DAAB-TS-11	RADA-001	Nonvolatile Beta	8.94	pCi/g		3.2	8.08	pCi/g
DAAB-TS-02	RADA-001	Nonvolatile Beta	8.7	pCi/g		3.15	7.77	pCi/g
DAAB-TS-04	RADA-001	Nonvolatile Beta	8.67	pCi/g		2.9	7.22	pCi/g
DAAB-TS-08	RADA-001	Nonvolatile Beta	7.25	pCi/g		2.75	6.75	pCi/g
DAAB-TS-10	RADA-001	Nonvolatile Beta	6.94	pCi/g		2.61	6.49	pCi/g
DAAB-TS-12	RADA-001	Nonvolatile Beta	5.6	pCi/g	J	3.55	8.27	pCi/g

TABLE 2 — ATTACHMENT 1

Detected Results from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Method Code	Analyte	Result	Units	Lab Qualifier	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units
DAAB-TS-09	RADA-001	Nonvolatile Beta	5.55	pCi/g	J	3.58	8.3	pCi/g
DAAB-TS-06	RADA-001	Nonvolatile Beta	5.27	pCi/g	J	3.2	7.44	pCi/g
DAAB-TS-01	RADA-001	Nonvolatile Beta	5.22	pCi/g	J	2.62	6.24	pCi/g
DAAB-TS-03	RADA-001	Nonvolatile Beta	5.04	pCi/g	J	2.95	6.93	pCi/g
DAAB-TS-13	RADA-001	Nonvolatile Beta	3.33	pCi/g	J	3.17	7.17	pCi/g

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-01	1/14/2016	EPA6010C	Antimony	1,050	µg/kg	U	VU	348	1,050	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Arsenic	2,190	µg/kg	J	VU	527	3,160	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Beryllium	270	µg/kg	J	VU	105	527	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Cadmium	527	µg/kg	U	VU	105	527	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Chromium	4,730	µg/kg		VU	158	527	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Copper	2,350	µg/kg		VU	316	1,050	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Lead	5,430	µg/kg		VU	348	1,050	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Nickel	1,150	µg/kg		VU	158	527	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Selenium	3,160	µg/kg	U	VU	527	3,160	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Silver	527	µg/kg	U	VU	105	527	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Thallium	2,110	µg/kg	U	VU	527	2,110	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Zinc	6,310	µg/kg		VU	422	1,050	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA6010C	Antimony	5,270	µg/kg	U	VU	1,740	5,270	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Arsenic	15,800	µg/kg	U	VU	2,640	15,800	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Beryllium	2,640	µg/kg	U	VU	527	2,640	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Cadmium	2,640	µg/kg	U	VU	527	2,640	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Chromium	5,040	µg/kg		VU	791	2,640	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Copper	2,200	µg/kg	J	VU	1,580	5,270	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Lead	6,900	µg/kg		VU	1,740	5,270	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Nickel	831	µg/kg	J	VU	791	2,640	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Selenium	15,800	µg/kg	U	VU	2,640	15,800	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Silver	2,640	µg/kg	U	VU	527	2,640	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Thallium	10,500	µg/kg	U	VU	2,640	10,500	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA6010C	Zinc	7,360	µg/kg		VU	2,110	5,270	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA7471B	Mercury	20.5	µg/kg		VU	4.21	12.6	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA7471B	Mercury	62.9	µg/kg	U	VU	21.1	62.9	µg/kg	SD
DAAB-TS-01	1/14/2016	EPA8081B	Aldrin	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Alpha-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	DDD	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	DDE	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	DDT	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endosulfan I	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.358	1.43	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Gamma-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Heptachlor	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Heptachlor Epoxide	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Lindane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Methoxychlor	7.15	µg/kg	U	VU	1.79	7.15	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.95	17.9	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1016	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1221	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1232	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1242	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1248	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1254	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8082A	Aroclor 1260	3.58	µg/kg	U	VU	1.19	3.58	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-01	1/14/2016	EPA8260B	1,1-Dichloroethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.01	µg/kg	U	VU	0.506	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2-Dibromoethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,2-Dichloropropane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	1,4-Dioxane	50.6	µg/kg	U	VU	16.9	50.6	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	2-Hexanone	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Acetone	3.11	µg/kg	J	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Benzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Bromochloromethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Bromodichloromethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Carbon Disulfide	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Carbon Tetrachloride	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Chlorobenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Chloroform	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Cyclohexane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Dibromochloromethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Ethylbenzene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	M,P-Xylene	2.03	µg/kg	U	VU	0.675	2.03	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Methyl Acetate	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.06	µg/kg	U	VU	1.69	5.06	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Methylcyclohexane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	O-Xylene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Styrene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Toluene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8260B	Trichlorofluoromethane	1.01	µg/kg	U	VU	0.337	1.01	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	1,1'-Biphenyl	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4-Dichlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4-Dimethylphenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4-Dinitrophenol	716	µg/kg	U	VU	107	716	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2,4-Dinitrotoluene	358	µg/kg	U	VU	107	358	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-01	1/14/2016	EPA8270D	2,6-Dinitrotoluene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2-Chloronaphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2-Chlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2-Methylnaphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2-Nitroaniline	358	µg/kg	U	VU	118	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	2-Nitrophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	4-Chloroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	4-Nitrophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Acenaphthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Acenaphthylene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Acetophenone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Atrazine	358	µg/kg	U	VU	143	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzaldehyde	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Caprolactam	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Carbazole	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Chrysene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Dibenzofuran	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Diethyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Dimethyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Dinitro-O-Cresol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Fluoranthene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Fluorene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Hexachlorobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Hexachlorobutadiene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Hexachloroethane	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Isophorone	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	M/P-Cresol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	M-Nitroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Naphthalene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	N-Dioctyl Phthalate	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Nitrobenzene	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	N-Nitrosodipropylamine	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	P-Chloro-M-Cresol	358	µg/kg	U	VU	143	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Pentachlorophenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Phenanthrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	Phenol	358	µg/kg	U	VU	107	358	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA8270D	P-Nitroaniline	358	µg/kg	U	VU	107	358	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-01	1/14/2016	EPA8270D	Pyrene	35.8	µg/kg	U	VU	10.7	35.8	µg/kg	REG
DAAB-TS-01	1/14/2016	EPA9012B	Cyanide	86	µg/kg	J	VU	71.1	213	µg/kg	LD
DAAB-TS-01	1/14/2016	EPA9012B	Cyanide	227	µg/kg	U	VU	75.9	227	µg/kg	REG
DAAB-TS-01	1/14/2016	RADA-001	Gross Alpha	5.64	pCi/g	J	VU	2.94	7.46	pCi/g	REG
DAAB-TS-01	1/14/2016	RADA-001	Nonvolatile Beta	5.22	pCi/g	J	VU	2.62	6.24	pCi/g	REG
DAAB-TS-02	1/14/2016	EPA6010C	Antimony	1,060	µg/kg	U	VU	351	1,060	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Arsenic	2,450	µg/kg	J	VU	532	3,190	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Beryllium	274	µg/kg	J	VU	106	532	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Cadmium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Chromium	4,670	µg/kg		VU	160	532	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Copper	2,460	µg/kg		VU	319	1,060	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Lead	5,530	µg/kg		VU	351	1,060	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Nickel	1,180	µg/kg		VU	160	532	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Selenium	3,190	µg/kg	U	VU	532	3,190	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Silver	532	µg/kg	U	VU	106	532	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Thallium	2,130	µg/kg	U	VU	532	2,130	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA6010C	Zinc	6,520	µg/kg		VU	426	1,060	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA7471B	Mercury	20.5	µg/kg		VU	4.09	12.2	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Aldrin	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Alpha-Chlordane	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	DDD	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	DDE	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	DDT	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endosulfan I	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.356	1.42	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Gamma-Chlordane	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Heptachlor	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Heptachlor Epoxide	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Lindane	0.711	µg/kg	U	VU	0.178	0.711	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Methoxychlor	7.11	µg/kg	U	VU	1.78	7.11	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8081B	Toxaphene	17.8	µg/kg	U	VU	5.92	17.8	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1016	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1221	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1232	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1242	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1248	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1254	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8082A	Aroclor 1260	3.56	µg/kg	U	VU	1.19	3.56	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1-Dichloroethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.01	µg/kg	U	VU	0.504	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2-Dibromoethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-02	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,2-Dichloropropane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	1,4-Dioxane	50.4	µg/kg	U	VU	16.8	50.4	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	2-Hexanone	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Acetone	5.54	µg/kg		VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Benzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Bromochloromethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Bromodichloromethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Carbon Disulfide	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Carbon Tetrachloride	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Chlorobenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Chloroform	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Cyclohexane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Dibromochloromethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Ethylbenzene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	M,P-Xylene	2.02	µg/kg	U	VU	0.672	2.02	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Methyl Acetate	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.04	µg/kg	U	VU	1.68	5.04	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Methylcyclohexane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	O-Xylene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Styrene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Toluene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8260B	Trichlorofluoromethane	1.01	µg/kg	U	VU	0.336	1.01	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4-Dinitrophenol	710	µg/kg	U	VU	107	710	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	107	355	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-02	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Acetophenone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Caprolactam	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Isophorone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	N-Nitrosodipropylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Phenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-02	1/14/2016	EPA9012B	Cyanide	92.4	µg/kg	J	VU	89.2	267	µg/kg	LD
DAAB-TS-02	1/14/2016	EPA9012B	Cyanide	267	µg/kg	U	VU	89.2	267	µg/kg	REG
DAAB-TS-02	1/14/2016	RADA-001	Gross Alpha	11	pCi/g		VU	2.37	8.07	pCi/g	REG
DAAB-TS-02	1/14/2016	RADA-001	Nonvolatile Beta	8.7	pCi/g		VU	3.15	7.77	pCi/g	REG
DAAB-TS-03	1/14/2016	EPA6010C	Antimony	993	µg/kg	U	VU	328	993	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Arsenic	2,200	µg/kg	J	VU	497	2,980	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-03	1/14/2016	EPA6010C	Beryllium	276	µg/kg	J	VU	99.3	497	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Cadmium	497	µg/kg	U	VU	99.3	497	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Chromium	4,750	µg/kg		VU	149	497	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Copper	2,370	µg/kg		VU	298	993	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Lead	5,540	µg/kg		VU	328	993	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Nickel	1,250	µg/kg		VU	149	497	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Selenium	2,980	µg/kg	U	VU	497	2,980	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Silver	497	µg/kg	U	VU	99.3	497	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Thallium	1,990	µg/kg	U	VU	497	1,990	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA6010C	Zinc	6,410	µg/kg		VU	397	993	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA7471B	Mercury	18.1	µg/kg		VU	4.15	12.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Aldrin	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Alpha-Chlordane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	DDD	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	DDE	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	DDT	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endosulfan I	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Gamma-Chlordane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Heptachlor	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Heptachlor Epoxide	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Lindane	0.709	µg/kg	U	VU	0.177	0.709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Methoxychlor	7.09	µg/kg	U	VU	1.77	7.09	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.9	17.7	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1016	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1221	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1232	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1242	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1248	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1254	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8082A	Aroclor 1260	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1,1-Trichloroethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1,2-Trichloroethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1-Dichloroethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,1-Dichloroethylene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	0.986	µg/kg	U	VU	0.493	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2-Dibromoethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2-Dichlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,2-Dichloropropane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,3-Dichlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,4-Dichlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	1,4-Dioxane	49.3	µg/kg	U	VU	16.4	49.3	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	2-Hexanone	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Acetone	5.17	µg/kg		VU	1.64	4.93	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-03	1/14/2016	EPA8260B	Benzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Bromochloromethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Bromodichloromethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Carbon Disulfide	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Carbon Tetrachloride	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Chlorobenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Chloroform	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Cyclohexane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Dibromochloromethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Dichlorodifluoromethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Ethylbenzene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	M,P-Xylene	1.15	µg/kg	J	VU	0.658	1.97	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Methyl Acetate	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Methyl Ethyl Ketone	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	4.93	µg/kg	U	VU	1.64	4.93	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Methylcyclohexane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	O-Xylene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Styrene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Toluene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Trichloroethylene (TCE)	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8260B	Trichlorofluoromethane	0.986	µg/kg	U	VU	0.328	0.986	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	1,1'-Biphenyl	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4-Dichlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4-Dimethylphenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4-Dinitrophenol	709	µg/kg	U	VU	106	709	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,4-Dinitrotoluene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2,6-Dinitrotoluene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2-Chloronaphthalene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2-Chlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2-Methylnaphthalene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2-Nitroaniline	354	µg/kg	U	VU	117	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	2-Nitrophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	4-Chloroaniline	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	4-Nitrophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Acenaphthene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Acenaphthylene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Acetophenone	354	µg/kg	U	VU	106	354	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-03	1/14/2016	EPA8270D	Anthracene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Atrazine	354	µg/kg	U	VU	142	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzaldehyde	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Caprolactam	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Carbazole	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Chrysene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Dibenzofuran	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Diethyl Phthalate	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Dimethyl Phthalate	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Dinitro-O-Cresol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Fluoranthene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Fluorene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Hexachlorobenzene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Hexachlorobutadiene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Hexachloroethane	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Isophorone	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	M/P-Cresol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	M-Nitroaniline	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Naphthalene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	N-Dioctyl Phthalate	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Nitrobenzene	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	N-Nitrosodipropylamine	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	P-Chloro-M-Cresol	354	µg/kg	U	VU	142	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Pentachlorophenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Phenanthrene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Phenol	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	P-Nitroaniline	354	µg/kg	U	VU	106	354	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA8270D	Pyrene	35.4	µg/kg	U	VU	10.6	35.4	µg/kg	REG
DAAB-TS-03	1/14/2016	EPA9012B	Cyanide	256	µg/kg	U	VU	85.5	256	µg/kg	REG
DAAB-TS-03	1/14/2016	RADA-001	Gross Alpha	5.67	pCi/g	J	VU	2.99	7.55	pCi/g	LD
DAAB-TS-03	1/14/2016	RADA-001	Nonvolatile Beta	5.48	pCi/g	J	VU	2.99	7.05	pCi/g	LD
DAAB-TS-03	1/14/2016	RADA-001	Gross Alpha	6.45	pCi/g	J	VU	2.9	7.54	pCi/g	REG
DAAB-TS-03	1/14/2016	RADA-001	Nonvolatile Beta	5.04	pCi/g	J	VU	2.95	6.93	pCi/g	REG
DAAB-TS-04	1/14/2016	EPA6010C	Antimony	1,000	µg/kg	U	VU	331	1,000	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Arsenic	3,800	µg/kg		VU	501	3,010	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Beryllium	356	µg/kg	J	VU	100	501	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Cadmium	501	µg/kg	U	VU	100	501	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Chromium	34,300	µg/kg		VU	150	501	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Copper	2,460	µg/kg		VU	301	1,000	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Lead	5,640	µg/kg		VU	331	1,000	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Nickel	1,220	µg/kg		VU	150	501	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-04	1/14/2016	EPA6010C	Selenium	3,010	µg/kg	U	VU	501	3,010	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Silver	250	µg/kg	U	VU	100	501	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Thallium	2,010	µg/kg	U	VU	501	2,010	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA6010C	Zinc	6,290	µg/kg		VU	401	1,000	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA7471B	Mercury	20.1	µg/kg		VU	4.23	12.6	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Aldrin	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Alpha-Chlordane	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	DDD	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	DDE	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	DDT	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endosulfan I	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.355	1.42	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Gamma-Chlordane	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Heptachlor	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Heptachlor Epoxide	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Lindane	0.71	µg/kg	U	VU	0.178	0.71	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Methoxychlor	7.1	µg/kg	U	VU	1.78	7.1	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8081B	Toxaphene	17.8	µg/kg	U	VU	5.91	17.8	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1016	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1221	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1232	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1242	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1248	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1254	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8082A	Aroclor 1260	3.55	µg/kg	U	VU	1.18	3.55	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1,1-Trichloroethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1,2-Trichloroethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1-Dichloroethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,1-Dichloroethylene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	0.988	µg/kg	U	VU	0.494	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2-Dibromoethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2-Dichlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,2-Dichloropropane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,3-Dichlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,4-Dichlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	1,4-Dioxane	49.4	µg/kg	U	VU	16.5	49.4	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	2-Hexanone	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Acetone	6.03	µg/kg		VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Benzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Bromochloromethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Bromodichloromethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Carbon Disulfide	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-04	1/14/2016	EPA8260B	Carbon Tetrachloride	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Chlorobenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Chloroform	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Cyclohexane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Dibromochloromethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Dichlorodifluoromethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Ethylbenzene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	M,P-Xylene	1.98	µg/kg	U	VU	0.659	1.98	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Methyl Acetate	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Methyl Ethyl Ketone	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	4.94	µg/kg	U	VU	1.65	4.94	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Methylcyclohexane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	O-Xylene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Styrene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Toluene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Trichloroethylene (TCE)	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8260B	Trichlorofluoromethane	0.988	µg/kg	U	VU	0.329	0.988	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4-Dinitrophenol	709	µg/kg	U	VU	106	709	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Acetophenone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-04	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Caprolactam	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Isophorone	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	N-Nitrosodipropylamine	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Phenol	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	106	355	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.6	35.5	µg/kg	REG
DAAB-TS-04	1/14/2016	EPA9012B	Cyanide	88.1	µg/kg	J	VU	75.5	226	µg/kg	REG
DAAB-TS-04	1/14/2016	RADA-001	Gross Alpha	8.41	pCi/g		VU	2.9	8.02	pCi/g	REG
DAAB-TS-04	1/14/2016	RADA-001	Nonvolatile Beta	8.67	pCi/g		VU	2.9	7.22	pCi/g	REG
DAAB-TS-05	1/14/2016	EPA6010C	Antimony	1,030	µg/kg	U	VU	338	1,030	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Arsenic	2,170	µg/kg	J	VU	513	3,080	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Beryllium	264	µg/kg	J	VU	103	513	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Cadmium	513	µg/kg	U	VU	103	513	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Chromium	4,490	µg/kg		VU	154	513	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Copper	2,510	µg/kg		VU	308	1,030	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Lead	5,620	µg/kg		VU	338	1,030	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Nickel	1,150	µg/kg		VU	154	513	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Selenium	3,080	µg/kg	U	VU	513	3,080	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Silver	513	µg/kg	U	VU	103	513	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Thallium	2,050	µg/kg	U	VU	513	2,050	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA6010C	Zinc	6,950	µg/kg		VU	410	1,030	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA7471B	Mercury	20.8	µg/kg		VU	4.01	12	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Aldrin	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Alpha-Chlordane	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-05	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	DDD	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	DDE	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	DDT	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endosulfan I	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Gamma-Chlordane	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Heptachlor	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Heptachlor Epoxide	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Lindane	0.718	µg/kg	U	VU	0.18	0.718	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Methoxychlor	7.18	µg/kg	U	VU	1.8	7.18	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8081B	Toxaphene	18	µg/kg	U	VU	5.98	18	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1016	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1221	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1232	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1242	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1248	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1254	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8082A	Aroclor 1260	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1-Dichloroethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.02	µg/kg	U	VU	0.509	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2-Dibromoethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,2-Dichloropropane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	1,4-Dioxane	50.9	µg/kg	U	VU	17	50.9	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	2-Hexanone	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Acetone	2.59	µg/kg	J	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Benzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Bromochloromethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Bromodichloromethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Carbon Disulfide	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Carbon Tetrachloride	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Chlorobenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Chloroform	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-05	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Cyclohexane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Dibromochloromethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Ethylbenzene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	M,P-Xylene	2.04	µg/kg	U	VU	0.679	2.04	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Methyl Acetate	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.09	µg/kg	U	VU	1.7	5.09	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Methylcyclohexane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	O-Xylene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Styrene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Toluene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8260B	Trichlorofluoromethane	1.02	µg/kg	U	VU	0.339	1.02	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	1,1'-Biphenyl	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4-Dichlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4-Dimethylphenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4-Dinitrophenol	714	µg/kg	U	VU	107	714	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,4-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2,6-Dinitrotoluene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2-Chloronaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2-Chlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2-Methylnaphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2-Nitroaniline	357	µg/kg	U	VU	118	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	2-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	4-Chloroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	4-Nitrophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Acenaphthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Acenaphthylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Acetophenone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Atrazine	357	µg/kg	U	VU	143	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzaldehyde	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Caprolactam	357	µg/kg	U	VU	107	357	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-05	1/14/2016	EPA8270D	Carbazole	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Chrysene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Dibenzofuran	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Diethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Dimethyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Dinitro-O-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Fluoranthene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Fluorene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Hexachlorobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Hexachlorobutadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Hexachloroethane	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Isophorone	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	M/P-Cresol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	M-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Naphthalene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	N-Dioctyl Phthalate	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Nitrobenzene	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	N-Nitrosodipropylamine	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	P-Chloro-M-Cresol	357	µg/kg	U	VU	143	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Pentachlorophenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Phenanthrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Phenol	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	P-Nitroaniline	357	µg/kg	U	VU	107	357	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA8270D	Pyrene	35.7	µg/kg	U	VU	10.7	35.7	µg/kg	REG
DAAB-TS-05	1/14/2016	EPA9012B	Cyanide	99.9	µg/kg	J	VU	73.8	221	µg/kg	REG
DAAB-TS-05	1/14/2016	RADA-001	Gross Alpha	9.87	pCi/g		VU	2.94	8.42	pCi/g	REG
DAAB-TS-05	1/14/2016	RADA-001	Nonvolatile Beta	10.7	pCi/g		VU	2.62	6.78	pCi/g	REG
DAAB-TS-06	1/14/2016	EPA6010C	Antimony	1,040	µg/kg	U	VU	342	1,040	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Arsenic	2,260	µg/kg	J	VU	519	3,110	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Beryllium	290	µg/kg	J	VU	104	519	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Cadmium	519	µg/kg	U	VU	104	519	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Chromium	5,180	µg/kg		VU	156	519	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Copper	2,460	µg/kg		VU	311	1,040	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Lead	5,900	µg/kg		VU	342	1,040	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Nickel	1,260	µg/kg		VU	156	519	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Selenium	3,110	µg/kg	U	VU	519	3,110	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Silver	519	µg/kg	U	VU	104	519	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Thallium	2,070	µg/kg	U	VU	519	2,070	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA6010C	Zinc	7,130	µg/kg		VU	415	1,040	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA7471B	Mercury	20.7	µg/kg		VU	3.9	11.6	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Aldrin	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Alpha-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	DDD	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	DDE	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	DDT	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Dieldrin	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Endosulfan I	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Endosulfan II	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-06	1/14/2016	EPA8081B	Endosulfan Sulfate	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Endrin	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Endrin Aldehyde	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Endrin Ketone	1.43	µg/kg	U	VU	0.357	1.43	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Gamma-Chlordane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Heptachlor	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Heptachlor Epoxide	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Lindane	0.715	µg/kg	U	VU	0.179	0.715	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Methoxychlor	7.15	µg/kg	U	VU	1.79	7.15	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.95	17.9	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1016	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1221	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1232	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1242	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1248	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1254	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8082A	Aroclor 1260	3.57	µg/kg	U	VU	1.19	3.57	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.526	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	1,4-Dioxane	52.6	µg/kg	U	VU	17.5	52.6	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	2-Hexanone	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Acetone	10.4	µg/kg		VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Carbon Disulfide	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	M,P-Xylene	2.1	µg/kg	U	VU	0.701	2.1	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Methyl Acetate	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-06	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.26	µg/kg	U	VU	1.75	5.26	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.431	µg/kg	J	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.35	1.05	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	1,1'-Biphenyl	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4-Dichlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4-Dimethylphenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4-Dinitrophenol	711	µg/kg	U	VU	107	711	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,4-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2,6-Dinitrotoluene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2-Chloronaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2-Chlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2-Methylnaphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2-Nitroaniline	355	µg/kg	U	VU	117	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	2-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	4-Chloroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	4-Nitrophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Acenaphthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Acenaphthylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Acetophenone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Atrazine	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzaldehyde	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Caprolactam	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Carbazole	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Chrysene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Dibenzofuran	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Diethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Dimethyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Dinitro-O-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-06	1/14/2016	EPA8270D	Fluoranthene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Fluorene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Hexachlorobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Hexachlorobutadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Hexachloroethane	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Isophorone	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	M/P-Cresol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	M-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Naphthalene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	N-Dioctyl Phthalate	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Nitrobenzene	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	N-Nitrosodipropylamine	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	P-Chloro-M-Cresol	355	µg/kg	U	VU	142	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Pentachlorophenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Phenanthrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Phenol	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	P-Nitroaniline	355	µg/kg	U	VU	107	355	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA8270D	Pyrene	35.5	µg/kg	U	VU	10.7	35.5	µg/kg	REG
DAAB-TS-06	1/14/2016	EPA9012B	Cyanide	88.5	µg/kg	J	VU	67.8	203	µg/kg	REG
DAAB-TS-06	1/14/2016	RADA-001	Gross Alpha	6.95	pCi/g	J	VU	2.85	7.75	pCi/g	REG
DAAB-TS-06	1/14/2016	RADA-001	Nonvolatile Beta	5.27	pCi/g	J	VU	3.2	7.44	pCi/g	REG
DAAB-TS-07	1/14/2016	EPA6010C	Antimony	1,090	µg/kg	U	VU	358	1,090	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Arsenic	2,310	µg/kg	J	VU	543	3,260	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Beryllium	283	µg/kg	J	VU	109	543	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Cadmium	543	µg/kg	U	VU	109	543	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Chromium	4,780	µg/kg		VU	163	543	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Copper	2,770	µg/kg		VU	326	1,090	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Lead	5,850	µg/kg		VU	358	1,090	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Nickel	1,200	µg/kg		VU	163	543	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Selenium	3,260	µg/kg	U	VU	543	3,260	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Silver	543	µg/kg	U	VU	109	543	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Thallium	2,170	µg/kg	U	VU	543	2,170	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA6010C	Zinc	8,180	µg/kg		VU	434	1,090	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA7471B	Mercury	18.5	µg/kg		VU	4.33	12.9	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Aldrin	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Alpha-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	DDD	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	DDE	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	DDT	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endosulfan I	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Gamma-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Heptachlor	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Heptachlor Epoxide	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Lindane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-07	1/14/2016	EPA8081B	Methoxychlor	7.26	µg/kg	U	VU	1.82	7.26	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8081B	Toxaphene	18.2	µg/kg	U	VU	6.05	18.2	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1016	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1221	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1232	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1242	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1248	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1254	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8082A	Aroclor 1260	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1-Dichloroethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.07	µg/kg	U	VU	0.535	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2-Dibromoethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,2-Dichloropropane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	1,4-Dioxane	53.5	µg/kg	U	VU	17.8	53.5	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	2-Hexanone	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Acetone	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Benzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Bromochloromethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Bromodichloromethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Carbon Disulfide	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Carbon Tetrachloride	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Chlorobenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Chloroform	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Cyclohexane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Dibromochloromethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Ethylbenzene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	M,P-Xylene	2.14	µg/kg	U	VU	0.714	2.14	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Methyl Acetate	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.35	µg/kg	U	VU	1.78	5.35	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.482	µg/kg	J	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Methylcyclohexane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	O-Xylene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Styrene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Toluene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-07	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8260B	Trichlorofluoromethane	1.07	µg/kg	U	VU	0.356	1.07	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	1,1'-Biphenyl	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4-Dichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4-Dimethylphenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4-Dinitrophenol	723	µg/kg	U	VU	108	723	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,4-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2,6-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2-Chloronaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2-Chlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2-Methylnaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2-Nitroaniline	361	µg/kg	U	VU	119	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	2-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	4-Chloroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	4-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Acenaphthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Acenaphthylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Acetophenone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Atrazine	361	µg/kg	U	VU	145	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzaldehyde	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzo[A]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzo[A]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Caprolactam	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Carbazole	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Chrysene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Dibenzofuran	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Diethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Dimethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Dinitro-O-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Fluorene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Hexachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Hexachlorobutadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Hexachloroethane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Isophorone	361	µg/kg	U	VU	108	361	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-07	1/14/2016	EPA8270D	M/P-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	M-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Naphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	N-Dioctyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Nitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	N-Nitrosodipropylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	P-Chloro-M-Cresol	361	µg/kg	U	VU	145	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Pentachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Phenanthrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Phenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	P-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA8270D	Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-07	1/14/2016	EPA9012B	Cyanide	157	µg/kg	J	VU	91.2	273	µg/kg	REG
DAAB-TS-07	1/14/2016	RADA-001	Gross Alpha	11.8	pCi/g		VU	2.89	9.13	pCi/g	REG
DAAB-TS-07	1/14/2016	RADA-001	Nonvolatile Beta	12	pCi/g		VU	3.24	8.5	pCi/g	REG
DAAB-TS-08	1/14/2016	EPA6010C	Antimony	1,040	µg/kg	U	VU	344	1,040	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Arsenic	2,320	µg/kg	J	VU	522	3,130	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Beryllium	274	µg/kg	J	VU	104	522	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Cadmium	522	µg/kg	U	VU	104	522	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Chromium	4,780	µg/kg		VU	157	522	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Copper	2,560	µg/kg		VU	313	1,040	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Lead	6,060	µg/kg		VU	344	1,040	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Nickel	1,160	µg/kg		VU	157	522	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Selenium	3,130	µg/kg	U	VU	522	3,130	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Silver	522	µg/kg	U	VU	104	522	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Thallium	2,090	µg/kg	U	VU	522	2,090	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA6010C	Zinc	7,470	µg/kg		VU	417	1,040	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA7471B	Mercury	20.3	µg/kg		VU	4.35	13	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Aldrin	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Alpha-Chlordane	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	DDD	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	DDE	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	DDT	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endosulfan I	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.362	1.45	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Gamma-Chlordane	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Heptachlor	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Heptachlor Epoxide	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Lindane	0.723	µg/kg	U	VU	0.181	0.723	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Methoxychlor	7.23	µg/kg	U	VU	1.81	7.23	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8081B	Toxaphene	18.1	µg/kg	U	VU	6.02	18.1	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1016	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1221	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1232	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1242	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1248	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1254	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-08	1/14/2016	EPA8082A	Aroclor 1260	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1-Dichloroethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.02	µg/kg	U	VU	0.512	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2-Dibromoethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,2-Dichloropropane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	1,4-Dioxane	51.2	µg/kg	U	VU	17.1	51.2	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	2-Hexanone	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Acetone	2.25	µg/kg	J	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Benzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Bromochloromethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Bromodichloromethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Carbon Disulfide	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Carbon Tetrachloride	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Chlorobenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Chloroform	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Cyclohexane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Dibromochloromethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Ethylbenzene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	M,P-Xylene	2.05	µg/kg	U	VU	0.683	2.05	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Methyl Acetate	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.12	µg/kg	U	VU	1.71	5.12	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.584	µg/kg	J	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Methylcyclohexane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	O-Xylene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Styrene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Toluene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8260B	Trichlorofluoromethane	1.02	µg/kg	U	VU	0.341	1.02	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	1,1'-Biphenyl	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-08	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,4-Dichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,4-Dimethylphenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,4-Dinitrophenol	719	µg/kg	U	VU	108	719	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,4-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2,6-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2-Chloronaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2-Chlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2-Methylnaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2-Nitroaniline	359	µg/kg	U	VU	119	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	2-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	4-Chloroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	4-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Acenaphthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Acenaphthylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Acetophenone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Atrazine	359	µg/kg	U	VU	144	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzaldehyde	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Caprolactam	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Carbazole	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Chrysene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Dibenzofuran	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Diethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Dimethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Dinitro-O-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Fluorene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Hexachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Hexachlorobutadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Hexachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Isophorone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	M/P-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	M-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Naphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	N-Dioctyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Nitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	N-Nitrosodipropylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-08	1/14/2016	EPA8270D	P-Chloro-M-Cresol	359	µg/kg	U	VU	144	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Pentachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Phenanthrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Phenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	P-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA8270D	Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-08	1/14/2016	EPA9012B	Cyanide	131	µg/kg	J	VU	85.5	256	µg/kg	REG
DAAB-TS-08	1/14/2016	RADA-001	Gross Alpha	7.81	pCi/g	J	VU	2.97	8.03	pCi/g	REG
DAAB-TS-08	1/14/2016	RADA-001	Nonvolatile Beta	7.25	pCi/g		VU	2.75	6.75	pCi/g	REG
DAAB-TS-09	1/14/2016	EPA6010C	Antimony	1,070	µg/kg	U	VU	355	1,070	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Arsenic	2,270	µg/kg	J	VU	537	3,220	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Beryllium	256	µg/kg	J	VU	107	537	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Cadmium	537	µg/kg	U	VU	107	537	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Chromium	4,320	µg/kg		VU	161	537	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Copper	2,650	µg/kg		VU	322	1,070	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Lead	5,750	µg/kg		VU	355	1,070	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Nickel	1,080	µg/kg		VU	161	537	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Selenium	3,220	µg/kg	U	VU	537	3,220	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Silver	537	µg/kg	U	VU	107	537	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Thallium	2,150	µg/kg	U	VU	537	2,150	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA6010C	Zinc	7,740	µg/kg		VU	430	1,070	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA7471B	Mercury	19.2	µg/kg		VU	4.2	12.5	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Aldrin	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Alpha-Chlordane	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	DDD	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	DDE	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	DDT	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Dieldrin	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endosulfan I	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endosulfan II	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endosulfan Sulfate	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endrin	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endrin Aldehyde	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Endrin Ketone	1.46	µg/kg	U	VU	0.366	1.46	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Gamma-Chlordane	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Heptachlor	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Heptachlor Epoxide	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Lindane	0.732	µg/kg	U	VU	0.183	0.732	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Methoxychlor	7.32	µg/kg	U	VU	1.83	7.32	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8081B	Toxaphene	18.3	µg/kg	U	VU	6.1	18.3	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1016	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1221	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1232	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1242	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1248	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1254	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8082A	Aroclor 1260	3.66	µg/kg	U	VU	1.22	3.66	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-09	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.519	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	1,4-Dioxane	51.9	µg/kg	U	VU	17.3	51.9	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	2-Hexanone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Acetone	2.68	µg/kg	J	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Carbon Disulfide	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.693	2.08	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Methyl Acetate	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.19	µg/kg	U	VU	1.73	5.19	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.363	µg/kg	J	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	1,1'-Biphenyl	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4-Dichlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4-Dimethylphenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4-Dinitrophenol	733	µg/kg	U	VU	110	733	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,4-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2,6-Dinitrotoluene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2-Chloronaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2-Chlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-09	1/14/2016	EPA8270D	2-Methylnaphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2-Nitroaniline	367	µg/kg	U	VU	121	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	2-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	4-Chloroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	4-Nitrophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Acenaphthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Acenaphthylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Acetophenone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Atrazine	367	µg/kg	U	VU	147	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzaldehyde	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzo[A]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzo[A]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Caprolactam	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Carbazole	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Chrysene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Dibenzofuran	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Diethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Dimethyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Dinitro-O-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Fluoranthene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Fluorene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Hexachlorobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Hexachlorobutadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Hexachloroethane	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Isophorone	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	M/P-Cresol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	M-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Naphthalene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	N-Dioctyl Phthalate	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Nitrobenzene	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	N-Nitrosodipropylamine	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	P-Chloro-M-Cresol	367	µg/kg	U	VU	147	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Pentachlorophenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Phenanthrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Phenol	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	P-Nitroaniline	367	µg/kg	U	VU	110	367	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA8270D	Pyrene	36.7	µg/kg	U	VU	11	36.7	µg/kg	REG
DAAB-TS-09	1/14/2016	EPA9012B	Cyanide	166	µg/kg	J	VU	77.9	233	µg/kg	REG
DAAB-TS-09	1/14/2016	RADA-001	Gross Alpha	6.74	pCi/g	J	VU	2.94	7.72	pCi/g	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-09	1/14/2016	RADA-001	Nonvolatile Beta	5.55	pCi/g	J	VU	3.58	8.3	pCi/g	REG
DAAB-TS-10	1/14/2016	EPA6010C	Antimony	1,060	µg/kg	U	VU	350	1,060	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Arsenic	2,130	µg/kg	J	VU	530	3,180	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Beryllium	268	µg/kg	J	VU	106	530	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Cadmium	530	µg/kg	U	VU	106	530	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Chromium	4,490	µg/kg		VU	159	530	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Copper	2,900	µg/kg		VU	318	1,060	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Lead	5,910	µg/kg		VU	350	1,060	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Nickel	1,130	µg/kg		VU	159	530	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Selenium	3,180	µg/kg	U	VU	530	3,180	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Silver	530	µg/kg	U	VU	106	530	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Thallium	2,120	µg/kg	U	VU	530	2,120	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA6010C	Zinc	6,820	µg/kg		VU	424	1,060	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA7471B	Mercury	20.9	µg/kg		VU	4.25	12.7	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Aldrin	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Alpha-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	DDD	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	DDE	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	DDT	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endosulfan I	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Gamma-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Heptachlor	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Heptachlor Epoxide	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Lindane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Methoxychlor	7.26	µg/kg	U	VU	1.82	7.26	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8081B	Toxaphene	18.2	µg/kg	U	VU	6.05	18.2	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1016	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1221	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1232	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1242	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1248	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1254	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8082A	Aroclor 1260	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1-Dichloroethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.03	µg/kg	U	VU	0.514	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2-Dibromoethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,2-Dichloropropane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-10	1/14/2016	EPA8260B	1,4-Dioxane	51.4	µg/kg	U	VU	17.1	51.4	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	2-Hexanone	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Acetone	2.79	µg/kg	J	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Benzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Bromochloromethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Bromodichloromethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Carbon Disulfide	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Carbon Tetrachloride	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Chlorobenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Chloroform	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Cyclohexane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Dibromochloromethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Ethylbenzene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	M,P-Xylene	2.06	µg/kg	U	VU	0.686	2.06	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Methyl Acetate	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.14	µg/kg	U	VU	1.71	5.14	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Methylcyclohexane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	O-Xylene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Styrene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Toluene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8260B	Trichlorofluoromethane	1.03	µg/kg	U	VU	0.343	1.03	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	1,1'-Biphenyl	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4-Dichlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4-Dimethylphenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4-Dinitrophenol	727	µg/kg	U	VU	109	727	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,4-Dinitrotoluene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2,6-Dinitrotoluene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2-Chloronaphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2-Chlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2-Methylnaphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2-Nitroaniline	363	µg/kg	U	VU	120	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	2-Nitrophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	4-Chloroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	4-Nitrophenol	363	µg/kg	U	VU	109	363	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-10	1/14/2016	EPA8270D	Acenaphthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Acenaphthylene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Acetophenone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Atrazine	363	µg/kg	U	VU	145	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzaldehyde	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzo[A]Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzo[A]Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Caprolactam	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Carbazole	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Chrysene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Dibenzofuran	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Diethyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Dimethyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Dinitro-O-Cresol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Fluoranthene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Fluorene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Hexachlorobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Hexachlorobutadiene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Hexachloroethane	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Isophorone	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	M/P-Cresol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	M-Nitroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Naphthalene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	N-Dioctyl Phthalate	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Nitrobenzene	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	N-Nitrosodipropylamine	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	P-Chloro-M-Cresol	363	µg/kg	U	VU	145	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Pentachlorophenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Phenanthrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Phenol	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	P-Nitroaniline	363	µg/kg	U	VU	109	363	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA8270D	Pyrene	36.3	µg/kg	U	VU	10.9	36.3	µg/kg	REG
DAAB-TS-10	1/14/2016	EPA9012B	Cyanide	90.7	µg/kg	J	VU	78.5	235	µg/kg	REG
DAAB-TS-10	1/14/2016	RADA-001	Gross Alpha	7.02	pCi/g		VU	2.55	6.99	pCi/g	REG
DAAB-TS-10	1/14/2016	RADA-001	Nonvolatile Beta	6.94	pCi/g		VU	2.61	6.49	pCi/g	REG
DAAB-TS-11	1/14/2016	EPA6010C	Antimony	1,010	µg/kg	U	VU	333	1,010	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Arsenic	2,130	µg/kg	J	VU	504	3,020	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Beryllium	255	µg/kg	J	VU	101	504	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Cadmium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Chromium	4,560	µg/kg		VU	151	504	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Copper	2,340	µg/kg		VU	302	1,010	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Lead	5,580	µg/kg		VU	333	1,010	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-11	1/14/2016	EPA6010C	Nickel	1,050	µg/kg		VU	151	504	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Selenium	3,020	µg/kg	U	VU	504	3,020	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Silver	504	µg/kg	U	VU	101	504	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Thallium	2,020	µg/kg	U	VU	504	2,020	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA6010C	Zinc	6,840	µg/kg		VU	403	1,010	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA7471B	Mercury	18.7	µg/kg		VU	4.22	12.6	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Aldrin	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Alpha-Chlordane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	DDD	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	DDE	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	DDT	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Dieldrin	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endosulfan I	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endosulfan II	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endosulfan Sulfate	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endrin	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endrin Aldehyde	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Endrin Ketone	1.42	µg/kg	U	VU	0.354	1.42	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Gamma-Chlordane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Heptachlor	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Heptachlor Epoxide	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Lindane	0.708	µg/kg	U	VU	0.177	0.708	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Methoxychlor	7.08	µg/kg	U	VU	1.77	7.08	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8081B	Toxaphene	17.7	µg/kg	U	VU	5.89	17.7	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1016	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1221	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1232	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1242	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1248	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1254	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8082A	Aroclor 1260	3.54	µg/kg	U	VU	1.18	3.54	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1,1-Trichloroethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1,2-Trichloroethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1-Dichloroethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,1-Dichloroethylene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	0.984	µg/kg	U	VU	0.492	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2-Dibromoethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2-Dichlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,2-Dichloropropane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,3-Dichlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,4-Dichlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	1,4-Dioxane	49.2	µg/kg	U	VU	16.4	49.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	2-Hexanone	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Acetone	3.71	µg/kg	J	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Benzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Bromochloromethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Bromodichloromethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-11	1/14/2016	EPA8260B	Carbon Disulfide	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Carbon Tetrachloride	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Chlorobenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Chloroform	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Cyclohexane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Dibromochloromethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Dichlorodifluoromethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Ethylbenzene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	M,P-Xylene	1.97	µg/kg	U	VU	0.656	1.97	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Methyl Acetate	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Methyl Ethyl Ketone	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	4.92	µg/kg	U	VU	1.64	4.92	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Methylcyclohexane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	O-Xylene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Styrene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Toluene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Trichloroethylene (TCE)	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8260B	Trichlorofluoromethane	0.984	µg/kg	U	VU	0.328	0.984	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	1,1'-Biphenyl	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4-Dichlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4-Dimethylphenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4-Dinitrophenol	703	µg/kg	U	VU	106	703	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,4-Dinitrotoluene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2,6-Dinitrotoluene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2-Chloronaphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2-Chlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2-Methylnaphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2-Nitroaniline	352	µg/kg	U	VU	116	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	2-Nitrophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	4-Chloroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	4-Nitrophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Acenaphthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Acenaphthylene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Acetophenone	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Atrazine	352	µg/kg	U	VU	141	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Benzaldehyde	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-11	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Caprolactam	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Carbazole	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Chrysene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Dibenzofuran	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Diethyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Dimethyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Dinitro-O-Cresol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Fluoranthene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Fluorene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Hexachlorobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Hexachlorobutadiene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Hexachloroethane	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Isophorone	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	M/P-Cresol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	M-Nitroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Naphthalene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	N-Dioctyl Phthalate	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Nitrobenzene	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	N-Nitrosodipropylamine	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	P-Chloro-M-Cresol	352	µg/kg	U	VU	141	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Pentachlorophenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Phenanthrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Phenol	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	P-Nitroaniline	352	µg/kg	U	VU	106	352	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA8270D	Pyrene	35.2	µg/kg	U	VU	10.6	35.2	µg/kg	REG
DAAB-TS-11	1/14/2016	EPA9012B	Cyanide	125	µg/kg	J	VU	75.2	225	µg/kg	REG
DAAB-TS-11	1/14/2016	RADA-001	Gross Alpha	8.37	pCi/g		VU	2.84	8.12	pCi/g	REG
DAAB-TS-11	1/14/2016	RADA-001	Nonvolatile Beta	8.94	pCi/g		VU	3.2	8.08	pCi/g	REG
DAAB-TS-12	1/14/2016	EPA6010C	Antimony	1,070	µg/kg	U	VU	353	1,070	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Arsenic	2,250	µg/kg	J	VU	535	3,210	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Beryllium	292	µg/kg	J	VU	107	535	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Cadmium	535	µg/kg	U	VU	107	535	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Chromium	4,820	µg/kg		VU	161	535	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Copper	2,470	µg/kg		VU	321	1,070	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Lead	6,270	µg/kg		VU	353	1,070	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Nickel	1,110	µg/kg		VU	161	535	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Selenium	3,210	µg/kg	U	VU	535	3,210	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Silver	535	µg/kg	U	VU	107	535	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Thallium	2,140	µg/kg	U	VU	535	2,140	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA6010C	Zinc	7,020	µg/kg		VU	428	1,070	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA7471B	Mercury	17.1	µg/kg		VU	3.79	11.3	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Aldrin	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-12	1/14/2016	EPA8081B	Alpha-Chlordane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	DDD	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	DDE	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	DDT	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endosulfan I	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Gamma-Chlordane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Heptachlor	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Heptachlor Epoxide	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Lindane	0.721	µg/kg	U	VU	0.18	0.721	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Methoxychlor	7.21	µg/kg	U	VU	1.8	7.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8081B	Toxaphene	18	µg/kg	U	VU	6	18	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1016	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1221	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1232	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1242	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1248	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1254	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8082A	Aroclor 1260	3.61	µg/kg	U	VU	1.2	3.61	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.521	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	1,4-Dioxane	52.1	µg/kg	U	VU	17.4	52.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	2-Hexanone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Acetone	1.99	µg/kg	J	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Carbon Disulfide	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-12	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.695	2.08	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Methyl Acetate	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.21	µg/kg	U	VU	1.74	5.21	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.347	1.04	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	1,1'-Biphenyl	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4-Dichlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4-Dimethylphenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4-Dinitrophenol	722	µg/kg	U	VU	108	722	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,4-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2,6-Dinitrotoluene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2-Chloronaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2-Chlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2-Methylnaphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2-Nitroaniline	361	µg/kg	U	VU	119	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	2-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	4-Chloroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	4-Nitrophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Acenaphthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Acenaphthylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Acetophenone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Atrazine	361	µg/kg	U	VU	144	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzaldehyde	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzo[A]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzo[A]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-12	1/14/2016	EPA8270D	Caprolactam	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Carbazole	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Chrysene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Dibenzofuran	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Diethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Dimethyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Dinitro-O-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Fluoranthene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Fluorene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Hexachlorobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Hexachlorobutadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Hexachloroethane	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Isophorone	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	M/P-Cresol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	M-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Naphthalene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	N-Dioctyl Phthalate	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Nitrobenzene	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	N-Nitrosodipropylamine	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	P-Chloro-M-Cresol	361	µg/kg	U	VU	144	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Pentachlorophenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Phenanthrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Phenol	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	P-Nitroaniline	361	µg/kg	U	VU	108	361	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA8270D	Pyrene	36.1	µg/kg	U	VU	10.8	36.1	µg/kg	REG
DAAB-TS-12	1/14/2016	EPA9012B	Cyanide	114	µg/kg	J	VU	78	234	µg/kg	REG
DAAB-TS-12	1/14/2016	RADA-001	Gross Alpha	8.96	pCi/g		VU	2.8	8.08	pCi/g	REG
DAAB-TS-12	1/14/2016	RADA-001	Nonvolatile Beta	5.6	pCi/g	J	VU	3.55	8.27	pCi/g	REG
DAAB-TS-13	1/14/2016	EPA6010C	Antimony	1,060	µg/kg	U	VU	349	1,060	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Arsenic	2,460	µg/kg	J	VU	529	3,170	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Beryllium	287	µg/kg	J	VU	106	529	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Cadmium	529	µg/kg	U	VU	106	529	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Chromium	4,680	µg/kg		VU	159	529	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Copper	2,400	µg/kg		VU	317	1,060	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Lead	6,310	µg/kg		VU	349	1,060	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Nickel	1,080	µg/kg		VU	159	529	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Selenium	3,170	µg/kg	U	VU	529	3,170	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Silver	529	µg/kg	U	VU	106	529	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Thallium	2,110	µg/kg	U	VU	529	2,110	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA6010C	Zinc	6,990	µg/kg		VU	423	1,060	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA7471B	Mercury	19.6	µg/kg		VU	4.14	12.4	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Aldrin	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Alpha-Chlordane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	DDD	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	DDE	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	DDT	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Endosulfan I	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-13	1/14/2016	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.36	1.44	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Gamma-Chlordane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Heptachlor	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Heptachlor Epoxide	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Lindane	0.719	µg/kg	U	VU	0.18	0.719	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Methoxychlor	7.19	µg/kg	U	VU	1.8	7.19	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8081B	Toxaphene	18	µg/kg	U	VU	5.99	18	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1016	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1221	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1232	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1242	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1248	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1254	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8082A	Aroclor 1260	3.6	µg/kg	U	VU	1.2	3.6	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.52	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	1,4-Dioxane	52	µg/kg	U	VU	17.3	52	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	2-Hexanone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Acetone	4.41	µg/kg	J	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Carbon Disulfide	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	M,P-Xylene	2.08	µg/kg	U	VU	0.693	2.08	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-13	1/14/2016	EPA8260B	Methyl Acetate	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.2	µg/kg	U	VU	1.73	5.2	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.346	1.04	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	1,1'-Biphenyl	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4-Dichlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4-Dimethylphenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4-Dinitrophenol	718	µg/kg	U	VU	108	718	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,4-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2,6-Dinitrotoluene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2-Chloronaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2-Chlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2-Methylnaphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2-Nitroaniline	359	µg/kg	U	VU	118	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	2-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	4-Chloroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	4-Nitrophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Acenaphthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Acenaphthylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Acetophenone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Atrazine	359	µg/kg	U	VU	144	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzaldehyde	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzo[A]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzo[A]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Caprolactam	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Carbazole	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Chrysene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Dibenzofuran	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Diethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Dimethyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-13	1/14/2016	EPA8270D	Dinitro-O-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Fluoranthene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Fluorene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Hexachlorobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Hexachlorobutadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Hexachloroethane	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Isophorone	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	M/P-Cresol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	M-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Naphthalene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	N-Dioctyl Phthalate	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Nitrobenzene	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	N-Nitrosodipropylamine	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	P-Chloro-M-Cresol	359	µg/kg	U	VU	144	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Pentachlorophenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Phenanthrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Phenol	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	P-Nitroaniline	359	µg/kg	U	VU	108	359	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA8270D	Pyrene	35.9	µg/kg	U	VU	10.8	35.9	µg/kg	REG
DAAB-TS-13	1/14/2016	EPA9012B	Cyanide	169	µg/kg	J	VU	80.6	241	µg/kg	REG
DAAB-TS-13	1/14/2016	RADA-001	Gross Alpha	2.31	pCi/g	U	VU	2.9	6.58	pCi/g	REG
DAAB-TS-13	1/14/2016	RADA-001	Nonvolatile Beta	3.33	pCi/g	J	VU	3.17	7.17	pCi/g	REG
DAAB-TS-14	1/14/2016	EPA6010C	Antimony	1,010	µg/kg	U	VU	332	1,010	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Arsenic	2,590	µg/kg	J	VU	504	3,020	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Beryllium	308	µg/kg	J	VU	101	504	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Cadmium	504	µg/kg	U	VU	101	504	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Chromium	10,400	µg/kg		VU	151	504	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Copper	2,330	µg/kg		VU	302	1,010	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Lead	5,730	µg/kg		VU	332	1,010	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Nickel	1,180	µg/kg		VU	151	504	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Selenium	3,020	µg/kg	U	VU	504	3,020	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Silver	162	µg/kg	U	VU	101	504	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Thallium	2,010	µg/kg	U	VU	504	2,010	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA6010C	Zinc	6,480	µg/kg		VU	403	1,010	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA7471B	Mercury	18.8	µg/kg		VU	4.17	12.4	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Aldrin	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Alpha-Chlordane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	DDD	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	DDE	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	DDT	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Dieldrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endosulfan I	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endosulfan II	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endosulfan Sulfate	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endrin	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endrin Aldehyde	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Endrin Ketone	1.44	µg/kg	U	VU	0.359	1.44	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Gamma-Chlordane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Heptachlor	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Heptachlor Epoxide	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-14	1/14/2016	EPA8081B	Lindane	0.718	µg/kg	U	VU	0.179	0.718	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Methoxychlor	7.18	µg/kg	U	VU	1.79	7.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8081B	Toxaphene	17.9	µg/kg	U	VU	5.98	17.9	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1016	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1221	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1232	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1242	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1248	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1254	5.62	µg/kg		VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8082A	Aroclor 1260	3.59	µg/kg	U	VU	1.19	3.59	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1-Dichloroethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.04	µg/kg	U	VU	0.518	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2-Dibromoethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,2-Dichloropropane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	1,4-Dioxane	51.8	µg/kg	U	VU	17.3	51.8	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	2-Hexanone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Acetone	2.65	µg/kg	J	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Benzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Bromochloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Bromodichloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Carbon Disulfide	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Carbon Tetrachloride	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Chlorobenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Chloroform	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Cyclohexane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Dibromochloromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Ethylbenzene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	M,P-Xylene	2.07	µg/kg	U	VU	0.691	2.07	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Methyl Acetate	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.18	µg/kg	U	VU	1.73	5.18	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.414	µg/kg	J	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Methylcyclohexane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	O-Xylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Styrene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-14	1/14/2016	EPA8260B	Toluene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8260B	Trichlorofluoromethane	1.04	µg/kg	U	VU	0.345	1.04	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	1,1'-Biphenyl	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4-Dichlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4-Dimethylphenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4-Dinitrophenol	3,580	µg/kg	U	VU	536	3,580	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,4-Dinitrotoluene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2,6-Dinitrotoluene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2-Chloronaphthalene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2-Chlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2-Methylnaphthalene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2-Nitroaniline	1,790	µg/kg	U	VU	590	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	2-Nitrophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	4-Chloroaniline	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	4-Nitrophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Acenaphthene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Acenaphthylene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Acetophenone	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Anthracene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Atrazine	1,790	µg/kg	U	VU	715	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzaldehyde	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzo[A]Anthracene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzo[A]Pyrene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Caprolactam	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Carbazole	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Chrysene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Dibenzofuran	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Diethyl Phthalate	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Dimethyl Phthalate	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Dinitro-O-Cresol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Fluoranthene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Fluorene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Hexachlorobenzene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Hexachlorobutadiene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Hexachloroethane	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	179	µg/kg	U	VU	53.6	179	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-14	1/14/2016	EPA8270D	Isophorone	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	M/P-Cresol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	M-Nitroaniline	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Naphthalene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	N-Dioctyl Phthalate	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Nitrobenzene	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	N-Nitrosodipropylamine	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	P-Chloro-M-Cresol	1,790	µg/kg	U	VU	715	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Pentachlorophenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Phenanthrene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Phenol	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	P-Nitroaniline	1,790	µg/kg	U	VU	536	1,790	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA8270D	Pyrene	179	µg/kg	U	VU	53.6	179	µg/kg	REG
DAAB-TS-14	1/14/2016	EPA9012B	Cyanide	249	µg/kg	U	VU	83.3	249	µg/kg	REG
DAAB-TS-14	1/14/2016	RADA-001	Gross Alpha	12.9	pCi/g		VU	2.49	8.53	pCi/g	REG
DAAB-TS-14	1/14/2016	RADA-001	Nonvolatile Beta	12.1	pCi/g		VU	3.43	8.73	pCi/g	REG
DAAB-TS-15	1/14/2016	EPA6010C	Antimony	1,060	µg/kg	U	VU	351	1,060	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Arsenic	2,160	µg/kg	J	VU	532	3,190	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Beryllium	302	µg/kg	J	VU	106	532	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Cadmium	532	µg/kg	U	VU	106	532	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Chromium	4,600	µg/kg		VU	160	532	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Copper	2,750	µg/kg		VU	319	1,060	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Lead	5,780	µg/kg		VU	351	1,060	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Nickel	1,240	µg/kg		VU	160	532	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Selenium	3,190	µg/kg	U	VU	532	3,190	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Silver	183	µg/kg	U	VU	106	532	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Thallium	2,130	µg/kg	U	VU	532	2,130	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA6010C	Zinc	7,470	µg/kg		VU	426	1,060	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA7471B	Mercury	18.5	µg/kg		VU	4.33	12.9	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Aldrin	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Alpha-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Alpha-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Beta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	DDD	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	DDE	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	DDT	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Delta-Benzene Hexachloride	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Dieldrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endosulfan I	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endosulfan II	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endosulfan Sulfate	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endrin	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endrin Aldehyde	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Endrin Ketone	1.45	µg/kg	U	VU	0.363	1.45	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Gamma-Chlordane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Heptachlor	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Heptachlor Epoxide	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Lindane	0.726	µg/kg	U	VU	0.182	0.726	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Methoxychlor	7.26	µg/kg	U	VU	1.82	7.26	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8081B	Toxaphene	18.2	µg/kg	U	VU	6.05	18.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1016	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1221	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1232	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1242	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1248	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1254	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8082A	Aroclor 1260	3.63	µg/kg	U	VU	1.21	3.63	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1,1-Trichloroethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1,2,2-Tetrachloroethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1,2-Trichloroethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1-Dichloroethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,1-Dichloroethylene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2,3-Trichlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2,4-Trichlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2-Dibromo-3-Chloropropane	1.05	µg/kg	U	VU	0.524	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2-Dibromoethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2-Dichlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2-Dichloroethane (EDC)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,2-Dichloropropane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,3-Dichlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,4-Dichlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	1,4-Dioxane	52.4	µg/kg	U	VU	17.5	52.4	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	2-Hexanone	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Acetone	1.87	µg/kg	J	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Benzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Bromochloromethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Bromodichloromethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Bromoform (Tribromomethane)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Bromomethane (Methyl Bromide)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Carbon Disulfide	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Carbon Tetrachloride	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Chlorobenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Chloroethane (Ethyl Chloride)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Chloroethene (Vinyl Chloride)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Chloroform	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Chloromethane (Methyl Chloride)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Cis-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Cis-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Cumene (Isopropylbenzene)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Cyclohexane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Dibromochloromethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Dichlorodifluoromethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Dichloromethane (Methylene Chloride)	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Ethylbenzene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	M,P-Xylene	2.1	µg/kg	U	VU	0.699	2.1	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Methyl Acetate	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Methyl Ethyl Ketone	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Methyl Isobutyl Ketone	5.24	µg/kg	U	VU	1.75	5.24	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Methyl Tertiary Butyl Ether (MTBE)	0.503	µg/kg	J	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Methylcyclohexane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	O-Xylene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Styrene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Tetrachloroethylene (PCE)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Toluene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Trans-1,2-Dichloroethylene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Trans-1,3-Dichloropropene	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Trichloroethylene (TCE)	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8260B	Trichlorofluoromethane	1.05	µg/kg	U	VU	0.349	1.05	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	1,1'-Biphenyl	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	1,2,4,5-Tetrachlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,3,4,6-Tetrachlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-15	1/14/2016	EPA8270D	2,4,5-Trichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,4,6-Trichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,4-Dichlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,4-Dimethylphenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,4-Dinitrophenol	725	µg/kg	U	VU	109	725	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,4-Dinitrotoluene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2,6-Dinitrotoluene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2-Chloronaphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2-Chlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2-Methylnaphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2-Nitroaniline	362	µg/kg	U	VU	120	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	2-Nitrophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	3,3-Dichlorobenzidine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	4-Bromophenyl Phenyl Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	4-Chloroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	4-Chlorophenyl Phenyl Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	4-Nitrophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Acenaphthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Acenaphthylene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Acetophenone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Atrazine	362	µg/kg	U	VU	145	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzaldehyde	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzo(G,H,I)Perylene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzo[A]Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzo[A]Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzo[B]Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Benzo[K]Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Bis(2-Chloro-1-Methylethyl)Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Bis(2-Chloroethoxy)Methane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Bis(2-Chloroethyl)Ether	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Bis(2-Ethylhexyl)Phthalate (DEHP)	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Butyl Benzyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Caprolactam	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Carbazole	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Chrysene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Dibenz[Ah]Anthracene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Dibenzofuran	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Diethyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Dimethyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Di-N-Butyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Dinitro-O-Cresol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Fluoranthene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Fluorene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Hexachlorobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Hexachlorobutadiene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Hexachlorocyclopentadiene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Hexachloroethane	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Indeno[1,2,3-Cd]Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Isophorone	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	M/P-Cresol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	M-Nitroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Naphthalene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	N-Dioctyl Phthalate	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Nitrobenzene	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	N-Nitrosodiphenylamine+Diphenylamine	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	N-Nitrosodipropylamine	362	µg/kg	U	VU	109	362	µg/kg	REG

TABLE 2 — ATTACHMENT 2

All Data from Jackson Stockpile Site

Samples DAAB-TS-01 through DAAB-TS-15

Station ID	Collection Date	Method Code	Analyte Name	Result	Result Unit	Lab Qualifier	Usage Code	Detection Limit	Sample Quantitation Limit	Detection/ Quantitation Units	Analysis Code
DAAB-TS-15	1/14/2016	EPA8270D	O-Cresol (2-Methylphenol)	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	P-Chloro-M-Cresol	362	µg/kg	U	VU	145	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Pentachlorophenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Phenanthrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Phenol	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	P-Nitroaniline	362	µg/kg	U	VU	109	362	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA8270D	Pyrene	36.2	µg/kg	U	VU	10.9	36.2	µg/kg	REG
DAAB-TS-15	1/14/2016	EPA9012B	Cyanide	257	µg/kg	U	VU	85.9	257	µg/kg	REG
DAAB-TS-15	1/14/2016	RADA-001	Gross Alpha	11.2	pCi/g		VU	2.57	8.21	pCi/g	REG
DAAB-TS-15	1/14/2016	RADA-001	Nonvolatile Beta	9.77	pCi/g		VU	2.99	7.71	pCi/g	REG

APPENDIX N

GCL GDL DATA AND DOCUMENTATION

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APPENDIX N1

GCL GDL Testing Laboratory Information

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ACCREDITED GEOSYNTHETICS LABORATORIES

2015 Statement of Qualifications
Geosynthetics Services

TRI is a full service global geosynthetics testing laboratory, unaffiliated with any other engineering/design, manufacturing, installation or distribution firm. TRI has been servicing the geosynthetics industry for over twenty five years. In the context of geosynthetics and construction quality assurance (CQA) project work, TRI provides support in the following ways.

SERVICE AREAS

In-plant Sampling and Inspection Services

While many quality assurance programs involve on-site sampling of product rolls after they arrive, they often result in expensive delays and costly corrections when subsequent testing identifies non- conforming product rolls. TRI was the first to revolutionize this approach by establishing in-plant manufacturing quality assurance (MQA) inspection and sampling services in the locations of product manufacture. These services are now established in the following cities and geosynthetic plants.

Location	Geosynthetic Producer Sampled
Houston, Tx.	GSE Lining Company
Kingstree, SC.	GSE Lining Company
Grand Prairie, Tx.	PolyFlex
Fernley, NV	AGRU America
Georgetown, SC	AGRU America
Greenville, SC	South East Manufacturers (Skaps, Tensar, Tencate, Willacoochee, Thrace-Linq, Crown Resources, PGI, Huesker)
Evergreen, AL	Tenax Corporation
Baltimore, MY	Tenax Corporation
Lovell, WY	CETCO
Fairmount, GA	CETCO
Barrie, Canada	GSE – BentoFix
Spearfish, SD	GSE – Gundseal
Varennes, Canada	SOLMAX

TRI's in-plant services are established in the host-city of the manufacturer of interest, thus eliminating the need for sponsors to pay for travel and lodging costs traditionally associated with MQA inspection and sampling events.

Geosynthetics Conformance/Verification Testing and Laboratory Accreditation

TRI's geosynthetics laboratories and governing quality assurance system are accredited by the Geosynthetics Accreditation Institute (GAI). TRI is proud to be the first testing laboratory to achieve this accreditation, and is currently distinguished as holding the most comprehensive (135 tests) accreditation in the world. TRI has been testing and evaluating geosynthetics materials for over twenty years and has earned a superior reputation as an internationally acclaimed, highest quality testing and research facility. Our staff are active on ASTM's Committee D35 and ISO Committee TC221 for geosynthetics testing, and assure the most up-to-date, state-of- the-art testing systems and standard operating procedures for all sponsored work.

Various test hardware to support this laboratory's activities includes:

- a 600 kN (135,000-pound)capacity long extension Instron model 5889 testing machine equipped with Bluehill 2 "Smart-Data" acquisition system
- a 200 kN (44,962-pound) capacity Instron Model 5585 testing machine equipped with Bluehill 2 "Smart-Data" acquisition system;
- a 150 kN (33,721-pound) capacity Instron Model 5583 testing machine equipped with Bluehill 2 "Smart-Data" acquisition system;
- a 5 kN (1,125-pound) capacity Instron Model 5565 testing machine equipped with Bluehill 2 "Smart- data" acquisition system; fixturing and support apparatus for diversified materials testing;
- a 22,000-pound Instron Servo-Hydraulic Testing Machine with various direct-mounting extensometers;
- 2 five station five-1000-pound load cell, screw-driven testing machines equipped with automatic data acquisition software to test multiple seam samples concurrently;
- load cells and instrumentation for the above with the capability to measure l g - 100,000 lbs in tension or compression;
- durometer hardness testers;
- microtome precision cutting apparatus;
- Mullen Model A burst tester with 2,500 psi capability;
- hydrostatic resistance test apparatus;
- 2 constant and 2 falling head permittivity apparatus;

- 7 hydraulic transmissivity test apparatus;
- 35 hydraulic conductivity test apparatus;
- IBM-PC compatibles equipped with a variety of interfacing, networking and software capability.

Destructive Seam Testing During Installation

During geomembrane installation, most CQA plans include third party destructive seam testing to assure the quality of the welds. TRI may provide this service at a competitive cost and rapid turnaround time. All results of destructive seam tests are provided the same day as sample receipt via facsimile with hard copies mailed the next day. At the end of the project a complete summary of all results is provided for project records. TRI also provides seam forensic capabilities to assist the project if and when any problems are encountered with dirty seams or welds marked by too much or insufficient heat, bad alignment, etc. We may provide microtomes and photographs of observations to assist you in responding appropriately to any quality assurance issue.

Interface Friction/Direct Shear and Related Performance Testing

TRI laboratories perform a variety of performance testing services to support design verification and confirmation of material performance properties. This testing includes interface friction/direct shear testing to investigate slope stability as well as hydraulic conductivity for geosynthetic clay liner materials. TRI employs 15 interface friction boxes facilitating a superb testing turnaround time for the determination of slope stability behavior. We also maintain traditional geotechnical testing capabilities via pinhole dispersion, California bearing ratio, and one-dimensional consolidation. Pinhole dispersion testing provides TRI with capabilities to test for dispersive clays that could be used in earthen dams and levees. California bearing ratio enables TRI to determine subgrade suitability for roads and parking lots. One-dimensional consolidation allows TRI to estimate settlements of earthen structures such as dams and soft soils, which are subject to large overburden pressures. With these test procedures combined with routine triaxial shear strength testing and extensive soil hydraulic conductivity testing, TRI provides all of the testing needed to support major earthwork projects involving geosynthetics.

Also included are durability testing services such as long-term creep and stress-rupture testing, long-term transmissivity, clogging potential, UV resistance, oxidation and hydrolysis resistance, and other related performance evaluations. TRI staff are well versed in design issues and assist our customers in developing and performing responsive performance testing programs.

- 18 uni-axial tension/compression machines for tensile, modulus, compressive strength and related measurements;
- 15 direct shear/interface friction apparatus (12" box; 3-1/2" depth; GeoDurham);
- 7 hydraulic transmissivity frames;
- Environmental chambers and forced air/convection ovens for oxidation resistance testing.
- Q-Panel and Atlas Weatherometers for Xenon arc and QUV ultraviolet light chambers for UV resistance testing.
- Large-scale connection and pull-out test apparatus for testing coefficient of interactions and connection strengths supportive of reinforcement design;
- Long term tension creep/stress rupture test apparatus for conventional characterization of creep reduction factors
- Elevated temperature tension creep/stress rupture test and compressive creep apparatus for accelerated characterization of creep reduction factors. This equipment includes capacity for performance of the Stepped Isothermal Method (SIM).
- gradient ratio and biological clogging test apparatus;
- notched constant load test apparatus capable of testing up to 120 specimens;
- multi-axial tension and large scale hydrostatic puncture test apparatus;
- Full-scale laboratory soils testing equipment (Atterburg limits, grain size, proctor compaction, consolidation, tri-axial shear, permeability, CBR, etc).
- Analytical chemistry equipment (digestion, titration and viscosity apparatus) necessary for molecular weight and carbonyl end group testing of polyester based geogrids.

Research and Development of New Geosynthetic Products

As an independent third party testing facility, TRI is well known for its capability to perform advanced research and development but at a high level of confidentiality. As new geosynthetic products are introduced into the market, their relative performance characteristics are tested and evaluated in the context of product development and definition.

Forensics and Failure Analysis

TRI maintains a broad capability to evaluate the microstructural properties of geosynthetic materials. This capacity, in concert with our performance testing capability, is often employed to investigate the cause for geosynthetic seaming problems or geosynthetic material failures. Senior technical staff bring their experience to bear on specific technical challenges encountered as geosynthetic materials are installed. Forensic

investigation is also called upon when new and/or unknown materials are evaluated, or where premature field failures have occurred.

Specification Review and Product Selection

Within the geosynthetics industry, there is all too often a tendency to mis-specify or over-specify a geosynthetic material. Problems in material specifications often result in an apparent "failure" in material even though the material was never appropriate for the application. Wasted money is often spent on mis- applied materials or laboratory testing that provides no benefit in the context of material quality verification or investigation. In the worst cases, irrelevant specifications often lead to expensive delays in material acquisition and installation.

TRI's technical staff review geosynthetic material specifications to assure their relevancy to the material for which they exist. When product selection questions are defined, TRI's staff assist the client in comparing candidate materials and in formulating responsive testing programs. In addition, TRI staff help develop specifications where none exist or where a new material is proposed for application. Through this work, TRI staff have saved significant money and time for our clients.

Training Services

To assist our clients in maintaining their awareness of continual industry developments, TRI staff routinely provide lectures, workshops and short courses designed to focus on various aspects of geosynthetic materials, testing and specifications. Professional Development Hours (PDHs) are offered for most course offerings. Currently, the following short courses are provided.

- The Testing and Specification of Geomembranes
- Slope Stability and Interface Friction Testing
- The Performance of Site-Specific Liner Integrity Surveys (Electric Leak Surveys)
- The Design, Testing and Specification of Geocomposite Drains
- `GSI CQA Technician Certification - Exam Preparation Course
- Certification for Liner Integrity Surveys
- Green Engineering Using Rolled Erosion Control Products

WEB-SITE AND DATA REPORTING

TRI provides resource information and client reports in client-confidential files on our website:

www.GeosyntheticTesting.com

TRI clients, and their authorized contacts have free use of this web-site via TRI provision of a user-name and password. In addition to faxing and e-mailing completed laboratory test reports, these individual project reports are posted to our web-site for access by all authorized parties. The project-specific data report files are filed by project name making access easy and immediate, facilitating final report download at any time. TRI accreditation documentation, TechNotes (providing answers to typically asked questions), and Test Request Forms are also provided for downloading. In addition, an up-to-date listing of test standards and procedures, to assist in specification development and review, is provided.

CREDENTIALS

TRI has been recognized for over eighteen years as having the industry's most comprehensive accreditation by the Geosynthetic Accreditation Institute (GAI). Indeed, the GAI responds to all geosynthetic tests. The GAI program is based on ISO 10725 and includes associated requirements of quality organization, standard operating procedures, calibration, training, non-compliance records and response, and continual quality improvement measures. However, most significantly, accreditation is granted per test. That is, each test procedure is inspected for compliance to governing standards. In addition, each year the accreditation is validated via proficiency testing whereby "unknown" materials are tested and results are submitted for direct comparison to established "correct" results developed through statistical analysis. Therefore, proficiency tests are graded to statistical norms.

TRI is also accredited by the Army Corp of Engineers and the Louisiana Department of Environmental Protection for geosynthetic testing. It is also noted here that TRI good practices and laboratory operations are governed by ISO 10725 and have been audited by AMRL (AASHTO) insofar as sample receipt, archive and sample preparation procedures. The GAI and AMRL auditing functions inspect similar sample management procedures in this regard.

TRI appreciates your interest and values each opportunity to serve you. As always, please call if we may answer any questions or provide any additional information (1-800-880-8378) or E-mail SAllen@tri-env.com or JDettman@tri-env.com.

Geosynthetic Institute
475 Kedron Avenue
Folsom, PA 19033-1208 USA
TEL (610) 522-8440
FAX (610) 522-8441



Mr. Jarrett Nelson
TRI/ Environmental Inc.
9063 Bee Caves Road
Austin, TX 78733-6201

May 26, 2015

Re: GAI-LAP Accreditation

Dear Mr. Nelson,

The Geosynthetic Institute (GSI) is pleased to acknowledge TRI/ Environmental Inc. on its repertoire of Geosynthetic Accreditation Institute's-Laboratory Accreditation Program (GAI-LAP) accredited tests. This letter should serve as notification that TRI/Environmental Inc. located in Austin, TX is currently accredited for the following one hundred and sixty test methods until June 30, 2016.

1. ASTM D413 Test Methods for Rubber Property-Adhesion to Flexible Substrate
2. ASTM D570 Test Method for Water Absorption of Plastics
3. ASTM D638 Test Method for Tensile Properties of Plastics
4. ASTM D696 Test Method for Coefficient of Linear Thermal Expansion of Plastics
5. ASTM D737 Test Method for Air Permeability of Textiles
6. ASTM D746 Test Method for Brittleness Temperature of Plastics and Elastomers by Impact
7. ASTM D751 Test Methods for Coated Fabrics (thickness), (mass/unit area), (tongue tear), (grab), (hydrostatic resistance) and/or (bonded seam strength)
8. ASTM D790 Test Method for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
9. ASTM D792 Test Method for Specific Gravity (Relative Density) and Density of Plastics by Displacement
10. ASTMD882 Test Methods for Tensile Properties of Thin Plastic Sheeting (strip tensile)
11. ASTM D1004 Test Method for Initial Tear Resistance of Plastic Film and Sheeting
12. ASTM D1203 Test Method for Volatile Loss from Plastics Using Activated Carbon Methods
13. ASTM D1204 Test Method for Linear Dimensional Changes of Nonrigid Thermoplastic Sheeting or Film at Elevated Temperature
14. ASTM D1238 Test Method for Flow Rates of Thermoplastics by Extrusion Plastometer
15. ASTM D1388 Test Method for Stiffness of Fabrics

16. ASTM D1505 Test Method for Density of Plastics by the Density-Gradient Technique
17. ASTM D1593 Specification for Nonrigid Vinyl Chloride Plastic Sheeting (thickness)
18. ASTM D1603 Test Method for Carbon Black in Olefin Plastics
19. ASTM D1621 Test Method for Compressive Properties of Rigid Cellular Plastics
20. ASTM D1693Test Method for Environmental Stress-Cracking of Ethylene Plastics
21. ASTM D1709 Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method
22. ASTM D1777 Test Method for Measuring Thickness of Textile Materials
23. ASTM D 1790 Brittleness Temperature by Impact (PVC)
24. ASTM D1822 Standard Test Method for Tensile-Impact Energy to Break Plastics and Electrical Insulating Materials
25. ASTM D1922 Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method
26. ASTM D1987 Test Method for Biological Clogging of Geotextile or Soil Geotextile Filters
27. ASTM D2122 Test Method for Determining Dimensions of Thermoplastic Pipe and Fittings
28. ASTM D2136 Test Method for Coated Fabrics-Low Temperature Bend Test
29. ASTM D2240 Test Method for Measuring Durometer Hardness
30. ASTM D2256 Standard Test Method for Tensile Properties of Yarns by the Single-Strand Method
31. ASTM D2412 Test Method for Determination of the External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading
32. ASTM D2444 Test Method for Determination of the Impact Resistance of Thermoplastic Pipe Fittings by Means of a Tup (Falling Weight)
33. ASTM D3015 Standard Practice for Microscopic Examination of Pigment Dispersion in Plastic Compounds
34. ASTM D3030 Test Method for Volatile Matter (Including Water) of Vinyl Chloride Resins
35. ASTM D3083 Standard Specification for Flexible Poly (Vinyl Chloride) Plastic Sheeting for Pond, Canal, and Reservoir Lining, (soil burial), (water extraction) and/or (bonded seam strength)
36. ASTM D3350 Specification for Polyethylene Plastic Pipe and Fittings Materials
37. ASTM D3776 Test Method for Mass Per Unit Area (Weight) or Woven Fabric
38. ASTM D3786 Test Method for Hydraulic Burst Strength of Knitted Goods and Nonwoven Fabrics (Diaphragm Bursting Strength Tester Method)
39. ASTM D3787 Test Method for Bursting Strength of Textiles-Constant-Rate-of-Traverse (CRT) Ball Burst Test
40. ASTM D3895 Test Methods for Oxidative-Induction Time of Polyolefins by Differential Scanning Calorimetry
41. ASTM D4218 Test Method for Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique
42. ASTM D4355 Test Method for Determination of Geotextiles from Exposure to Ultraviolet Light and Water (Xenon-Arc Type Apparatus)

43. ASTM D4491 Test Methods for Water Permeability of Geotextiles by Permittivity
44. ASTM D4533 Test Method for Index Trapezoidal Tearing Strength of Geotextiles
45. ASTM D4595 Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method
46. ASTM D4603 Test Method for Determining Inherent Viscosity of Poly (Ethylene Terephthalate) (PET)
47. ASTM D4632 Test Method for Grab Breaking Load and Elongation of Geotextiles
48. ASTM D4716 Test Method for Determining the (In-Plane) Flow Rate per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head
49. ASTM D4751 Test Method for Determining Apparent Opening Size of a Geotextile
50. ASTM D4833 Test Method for Index Puncture Resistance of Geotextiles, Geomembranes and Related Products
51. ASTM D4884 Test Method for Seam Strength of Sewn Geotextiles
52. ASTM D4885 Test Method for Determining Performance Tensile Strength of Geomembranes Using Wide Strip Testing
53. ASTM D4886 Test Method for Abrasion Resistance of Geotextiles (Sand Paper/Sliding Block Method)
54. ASTM D5035 Test Method for Breaking Strength and Elongation of Textile Fabrics (Strip Method)
55. ASTM D5101 Test Method for Measuring the Soil-Geotextile System Clogging Potential by the Gradient Ratio
56. ASTM D5199 Test Method for Measuring Nominal Thickness of Geotextiles and Geomembranes
57. ASTM D5261 Test Method for Measuring Mass per Unit Area of Geotextiles
58. ASTM D5262 Test Method for Evaluating the Unconfined Tension Creep Behavior of Geosynthetics
59. ASTM D5321 Test Methods for Determining the Coefficient of Soil and Geosynthetic or Geosynthetic and Geosynthetic Friction by the Direct Shear Method,
60. ASTM D5322 Standard Practice for Immersion Procedures for Evaluating the Chemical Resistance of Geosynthetics to Liquids
61. ASTM D5323 Determination of 2% Secant Modulus for Polyethylene Geomembranes
62. ASTM D5397 Test Method for Evaluation of Stress Crack Resistance of Polyolefin Geomembranes using Notched Constant Tension Load Test
63. ASTM D5493 Test Method for the Permittivity of Geotextiles Under Load
64. ASTM D5494 Test Methods for the Determination of Pyramidal Puncture Resistance of Unprotected and Protected Geomembranes
65. ASTM D5514 Test Method for Large Scale Hydrostatic Puncture Testing of Geosynthetics
66. ASTM D5596 Test Methods for Microscopic Evaluation of the Dispersion of Carbon Black in Polyolefin Geosynthetics
67. ASTM D5617 Test Methods for Multi-Axial Tension Test for Geosynthetics
68. ASTM D5721 Standard Practice for Air-Oven Aging of Polyolefin Geomembranes
69. ASTM D5747 Standard Practice for Tests to Evaluate the Chemical Resistance of Geomembranes to Liquids

70. ASTM D5818 Standard Practice for Obtaining Samples of Geosynthetics from a Test Section for Assessment of Installation Damage
71. ASTM D5884 Test Method for the Tearing Strength of Internally Reinforced Geomembranes
72. ASTM D5885 Standard Test Method for Oxidative Induction Time of Polyolefin Geosynthetics by High-Pressure Differential Scanning Calorimetry
73. ASTM D5887 Standard Test Method for Measurement of Index Flux Through Saturated Geosynthetic Clay Liners Specimens Using a Flexible Wall Permeameter
74. ASTM D5890 Standard Test Method for Swell Index of Clay Mineral Component of Geosynthetic Clay Liners
75. ASTM D5891 Standard Test Method for Fluid Loss of Clay Component of Geosynthetic Clay Liners
76. ASTM D5993 Test Method for Measuring the Mass Per Unit Area of GCL
77. ASTM D5994 Test Method for Measuring the Core Thickness of Textured Geomembranes
78. ASTM D6140 Test Method for Determine of Asphalt Retention of Paving Fabrics Used in Asphalt Paving for Full Width Applications
79. ASTM D6213 Standard Practice for Tests to Evaluate the Chemical Resistance of Geogrids to Liquids
80. ASTM D6214 Test Method for Determining the Integrity of Field Seams Used in Joining Geomembranes by Chemical Fusion Methods
81. ASTM D6241 Test Method for the Static Puncture Strength of Geotextiles and Geotextile Related Products Using a 50-mm Probe
82. ASTM D6243 Test Method for Determine the Internal and Interface Shear Resistance of Geosynthetic Clay Liners by the Direct Shear Method
83. ASTM D6364 Test Method for Determining the Short-Term Compression Behavior of Geosynthetics
84. ASTM D6389 Standard Practice for Tests to Evaluate the Chemical Resistance of Geotextiles to Liquids
85. ASTM D6392 Standard Test Method for Determining the Integrity of Nonreinforced Geomembrane Seams Produced Using Thermo-Fusion Methods
86. ASTM D6454 Standard Test Method for Determining the Short-Term Compression Behavior of Turf Reinforcement Mats (TRMs)
87. ASTM D6475 Test Method for Measuring Mass Per Unit Area of Erosion Control Blankets
88. ASTM D6496 Test Method for Determining the Average Bonding Peel Strength Between Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners
89. ASTM D6524 Test Method for Measuring Resiliency of Turf Reinforcement Mats (TRMs)
90. ASTM D6525 Test Method for Measuring Nominal Thickness of Permanent Erosion Control Products
91. ASTM D6566 Test Method for Measuring Mass per Unit Area of Turf Reinforcement Mats (TRMs)
92. ASTM D6567 Test Method for Measuring Light Penetration of Turf Reinforcement Mat (TRM)

93. ASTM D6574 Test Method for Determining the In-plane Hydraulic Transmissivity of a Geosynthetic by Radial Flow
94. ASTM D6575 Test Method for Determining Stiffness of Geosynthetics used as Turf Reinforcement Mats
95. ASTM D6636 Test Method for Determination of Ply Adhesion Strength of Reinforced Geomembranes
96. ASTM D6637 Test Method for Determining Tensile Properties of Geogrids by the Single or Multi-Rib Tensile Method
97. ASTM D6638 Test Method for Determining Connection Strength Between Geosynthetic Reinforcement and Segmental Concrete Units (Modular Concrete Blocks)
98. ASTM D6693 Test Method for Determining Tensile Properties of Nonreinforced Polyethylene and Nonreiforced Flexible Polypropylene Geomembranes
99. ASTM D6706 Test Method for Determining Pull-Out Resistance of Geosynthetics
100. ASTM D6766 Test Method for Evaluation of Hydraulic Properties of Geosynthetic Clay Liners Permeated with Potentially Incompatible Liquids
101. ASTM D6767 Test Method for Pore Size Characteristics of Geotextiles by Capillary Flow Test
102. ASTM D6768 Test Method for Tensile Strength of Geosynthetic Clay Liners
103. ASTM D6818 Test Method for Ultimate Tensile Properties of Turf Reinforcement Mats
104. ASTM D 6916 Geogrid Pull-out from Segmental Concrete walls.
105. ASTM D6918 Standard Test Method for Testing Vertical Strip Drains in the Crimped Condition
106. ASTM D6992 Test Method for Time-Temperature Superposition Using Stepped Isothermal Method
107. ASTM D7003 Test Method for Strip Tensile Properties of Reinforced Geomembranes
108. ASTM D7004 Test Method for Grab Tensile Properties of Reinforced Geomembranes
109. ASTM D7005 Test Method for Determining the Bond Strength (Ply Adhesion) of Geocomposites
110. ASTM D7056 Test Method for Determining the Tensile Shear Strength of Prefabricated Bituminous Geomembrane Seams
111. ASTM D7101 Test Method for RECP slope
112. ASTM D7179 Test Method for Determining Geonet Breaking Force
113. ASTM D7207 Test Method for RECP shear
114. ASTM D7238 Standard Test Method for Effect of Exposure of Unreinforced Polyolefin Geomembrane Using Fluorescent UV Condensation Apparatus
115. ASTM D7272 Test Method for Determining the Integrity of Seams Used in Joining Geomembranes by Pre-manufactured Taped Methods
116. ASTM D7275 Test Method for Tensile Properties of Bituminous Geomembranes (BGM)
117. ASTM D7322 Test Method for RECP germination
118. ASTM D7361 Test Method for Compressive SIM

119. ASTM D7406 Test Method for Time-Dependent (Creep) Deformation Under Constant Pressure for Geosynthetic Drainage Products
120. ASTM D7409 Test Method for CEG of PET
121. ASTM D 7447 RGM-Seams Strip Method
122. ASTM D 7448 Flexural Rigidity of Geogrid
123. ASTM D 7449 RGM-Seams - Grab Method
124. ASTM D7466 Test Method for Asperity Height
125. ASTM D 7737 Junction Strength Geogrid
126. ASTM E96 Test Method for Water Vapor Transmission of Materials
127. ASTM F904 Test Method for Comparison of Bond Strength or Ply Adhesion of Similar Laminates Made from Flexible Materials
128. ASTM F1249 Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor
129. ASTM F1473 Test Method for Notched Tensile Test to Measure the Resistance to Slow Crack Growth of Polyethylene Pipes and Resins
130. ASTM F2136 Test Method for Notched, Constant-Ligament-Stress (NCLS) Test to Determine Slow Crack-Growth Resistance of HDPE Resins and HDPE Corrugated Pipe
131. FTM STD. No. 101c(method 2065-82), Puncture Resistance and Elongation Test (1/8 in. radius probe)
132. GRI GG-1 Geogrid Rib Tensile Strength
133. GRI GG-2 Geogrid Junction Strength
134. GRI GG-7 Carboxyl End Group Content of PET Yarns
135. GRI GG-8 Determination of the Number Average Molecular Weight of PET Yarns Based on Relative Viscosity Value
136. GRI GM-11 Accelerated Weathering of Geomembranes Using a Fluorescent UVA Device
137. GRI GS-7 Determining the Index Friction Properties of Geosynthetics
138. ISO 527 Plastics – Determination of Tensile properties – Part 3: Test conditions for films and sheets
139. ISO 9863 Thickness
140. ISO 9864 Geotextiles - Determination of mass per unit area
141. ISO 10319 Geotextiles - Wide width tensile test
142. ISO 10321 Wide Width Seams
143. ISO 10722 Geotextiles and geotextiles - related products – Procedure for simulating damage during installation Part 1: Installation in granular materials
144. ISO 11058 Geotextiles and geotextile-related products -- Determination of water permeability characteristics normal to the plane, without load
145. ISO 12225 Geotextiles and geotextiles - related products – Screening test method for determining the resistance to microbiological degradation
146. ISO 12236 Geotextiles and geotextiles - related products – Static puncture test (CBR test)
147. ISO 12447 Geotextiles and geotextiles - related products – Screening test method for determining the resistance to hydrolysis
148. ISO 12956 Geotextiles and geotextiles - related products – Determination of the characteristic opening size

149. ISO 12957 Geosynthetics – Determination of friction characteristics Part 1: Direct shear test, Part 2: Inclined plane test
150. ISO 12958 Geotextiles and geotextiles - related products – Determination of water flow capacity in their plane
151. ISO 12960 Geotextiles and geotextiles - related products – Screening test method for determining the resistance to liquids
152. ISO 13426 Geotextiles and geotextiles - related products – Strength of internal structural junctions – Part 1: Geocells Part 2: Geocomposites
153. ISO 13431 Geotextiles and geotextiles – related products - Determination of the tensile creep and creep rupture behavior
154. ISO 13433 Geosynthetics -- Dynamic perforation test (cone drop test)
155. ISO 13438 Geotextiles and geotextiles - related products – Screening test method for determining the resistance to oxidation
156. ISO 13934 Textiles -- Tensile properties of fabrics -- Part 1: Determination of maximum force and elongation at maximum force using the strip -- Part 2: Determination of maximum force using the grab method
157. EN 12224 Geotextiles and geotextile-related products –. Determination of the resistance to weathering.
158. EN 14030 Geotextiles and geotextiles-related products – Screening test method for determining the resistance to liquids
159. Germany: Federwal Waterway Engineering and Research Institute (BAW) RPG - - Guidelines for Testing Geotextiles for Navigable Waterways: Section 3.11 Abrasion resitance
160. CAN/CGSB-148.1–10 Filtration Opening Size of Geotextiles by Hydrodynamic Sieving

Any questions regarding your accreditation should be directed to George or Robert Koerner at (610) 522-8440. Once again congratulation and thank you for participating in the GAI-LAP.

Best Regards,

George R. Koerner, Ph.D., P.E. & CQA
Director

Accreditation #:
GAI-LAP - 01 - 1995
TEL (610) 522-8440

Geosynthetic Institute
475 Kedron, Ave.
Folsom, PA 19033

TRI Environmental , Inc.

is granted accreditation
for designated geosynthetic test methods in accordance with the Geosynthetic Accreditation Institute - Laboratory Accreditation Program (GAI-LAP), as published in its annual directory.
This accreditation is valid until June 30, 2016.

Robert M. Koerner, Ph.D., P.E.
Director Emeritus

GRI
GEI GII
GSI
GAI GCI

George R. Koerner, Ph.D., P.E. & CQA
Auditor

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DEPARTMENT OF THE ARMY
ENGINEER RESEARCH AND DEVELOPMENT CENTER, CORPS OF ENGINEERS
GEOTECHNICAL AND STRUCTURES LABORATORY
WATERWAYS EXPERIMENT STATION, 3909 HALLS FERRY ROAD
VICKSBURG, MISSISSIPPI 39180-6199

July 16, 2014

Reply to the Attention of:
Concrete and Materials Branch

John M. Allen, PE
TRI Environmental, Inc.
9063 Bee Caves Road
Austin, TX 78733

Dear Mr. Allen:

In reference to your check no. 020039, dated June 6, 2014, and audit agreement, dated June 12, 2014, an audit based on your AASHTO Accreditation was performed on documents submitted by your laboratory. We examined the AMRL On-site Assessment Report No. 1733D, dated December 14, 2013 and the AASHTO accreditation certificate effective July 11, 2014.

Your Quality System meets the requirements of the U.S. Army Corps of Engineers. The material test methods that you are validated to perform for the U.S. Army Corps of Engineers were determined from the inspection reports from AASHTO and are as follows:

Aggregate Tests: ASTM C117, C127, C128, C136, C566, D2419, and D4791.

Geosynthetic Tests: ASTM D413, D570, D638, D696, D737, D746, D751, D790, D792, D882, D1004, D1203, D1204, D1238, D1388, D1505, D1593, D1603, D1621, D1693, D1709, D1777, D1790, D1822, D1922, D1987, D2122, D2136, D2240, D2256, D2412, D2444, D3015, D3030, D3083, D3350, D3776, D3786, D3787, D3895, D4218, D4355, D4491, D4533, D4595, D4603, D4632, D4716, D4751, D4833, D4884, D4885, D4886, D5035, D5101, D5199, D5261, D5262, D5321, D5322, D5323, D5397, D5493, D5494, D5514, D5596, D5617, D5721, D5747, D5818, D5884, D5885, D5887, D5890, D5891, D5993, D5994, D6140, D6213, D6214, D6241, D6243, D6364, D6389, D6392, D6454, D6475, D6496, D6524, D6525, D6566, D6567, D6574, D6575, D6636, D6637, D6638, D6693, D6706, D6766, D6767, D6768, D6818, D6916, D6918, D6992, D7003, D7004, D7005, D7056, D7101, D7179, D7207, D7238, D7272, D7275, D7322, D7361, D7406, D7409, D7447, D7448, D7449, D7466, D7737, E96, F904, F1249, F1473, F2136, FTM STD No. 101c, GRI GG-1, GRI GG-2, GRI GG-7, GRI GG-8, GRI GM-11, GRI GS-7, ISO 527, ISO 9863, ISO 9864, ISO 10319, ISO 10321, ISO 10722, ISO 11058, ISO 12225, ISO 12236, ISO 12447, ISO 12956, ISO 12957, ISO12958, ISO 12960, ISO 13426, ISO 13431, ISO 13433, ISO 13438, ISO 13934, EN 12224, EN 14030, Federal Waterway Engineering & Research Institute (BAW) RPG—Guidelines for Testing Geotextiles for Navigable Waterways: Section 3.11 Abrasion Resistance, and CAN/CGSB-148.1.

Soil Tests: ASTM D421, D422, D698, D854, D1140, D1557, D1883, D2166, D2216, D2419, D2434, D2435, D2487, D2488, D2850, D2974, D3080, D3740, D4318, D4546, D4643, D4644, D4718, D4767, D4829, D4943, D4972, D5084, D7012, and E329.

We will add your laboratory to the list of commercial laboratories qualified to conduct material tests for the U.S. Army Corps of Engineers; see the Materials Testing Center homepage at www.erdc.usace.army.mil/Media/FactSheets/FactSheetArticleView/tabid/9254/Article/476661/materials-testing-center.aspx. All Corps offices will be notified of this decision and will have the opportunity to use your services. TRI Environmental, Inc., Austin, TX will remain on our list of laboratories qualified to conduct material tests until **July 11, 2016** two (2) years from the date of the audit. In the event your AASHTO accreditation is suspended in whole or part, TRI Environmental, Inc., Austin, TX is to notify the Materials Testing Center immediately to perform a re-evaluation of your laboratory's validation. Failure to notify the Materials Testing Center will result in immediate suspension of your U.S. Army Corps of Engineers validation.

Sincerely,

Alfred B. Crawley, PE
Director, Materials Testing Center

Copy Furnished:
Jason D. Price / Fort Worth District

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APPENDIX N2

GCL GDL Contractor Acceptance Report

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ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.
Project Completion Report

Sold To: ENVIROCON

Project Name: SAVANNAH RIVER NUCLEAR SITE 4D

Project Number: 14-08-1356

Date Complete: 27-Jul-16

FINAL QUANTITIES

ITEM	DESCRIPTION	QUANTITY	NOTES
1	R.F. GCL	948,433	SQ./FT.
2	DS COMPOSITE (GDL)	929,514	SQ./FT.
3			

DID YOU HAVE FIELD CHANGE ORDERS HOW MANY:

THIS JOB IS 100% DONE X

Notes: All materials listed above have been installed per site specifications.

THE WORK IS COMPLETE, SATISFACTORY, QUANTITIES AGREED TO AND ACCEPTED BY:

Raymond Scott Jules
AUTHORIZED SIGNATURE

SUPERINTENDENT SIGNATURE

7-27-16
DATE

Field Engineer
TITLE

Envirocon
COMPANY

7-28-2016
DATE

APPENDIX O

GCL DATA AND DOCUMENTATION

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APPENDIX O1

GCL Manufacturing Quality Control Documentation

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MANUFACTURING QUALITY CONTROL

Agru GeoClay

SALES OFFICE:

AGRU AMERICA, INC.

500 Garrison Road

Georgetown, SC 29440

Toll Free: (800) 373-2478

Telephone: (843) 546-0600

Fax: (843) 527-2738

salesmkg@agruamerica.com

www.agruamerica.com

09/18/2013

AGRU AMERICA, INC. - QA/QC

Manufacturing – Quality Assurance/Quality Control

AGRU AMERICA, Inc. extrudes high density polyethylene (HDPE) and linear low density polyethylene (LLDPE) geomembrane, Geosynthetic Clay Liners (GCL), HDPE Geonet, PP Geotextile and Geocomposite products at its three production plants located at 500 Garrison Road, Georgetown, South Carolina, 29440, 181 Hwy 521, Andrews, South Carolina, and 2000 East Newlands Drive, Fernley, Nevada, 89408.

Our USA Manufacturing Quality Assurance Program is dependent on the utilization of in-house laboratories in each plant which are, when necessary, complemented with testing performed by certified outside laboratories such as:

- Precision Geosynthetic Laboratories; Anaheim, CA
  Telephone (714) 520-9631; Fax (714) 520-9637
- TRI/Environmental, Inc.; Austin, Texas
  Telephone (512) 263-2101; Fax (512) 263-2558

  And other GRI-LAP accredited laboratories.

Raw Material – Manufacturer's Certificate of Conformity

Geotextiles and bentonite are used in the manufacture of geosynthetic clay liners:

- Prior to shipment, our bentonite supplier submits a certificate of analysis. Once approved, the bentonite is released for shipment to our plant.
- At least weekly one sample is taken from a rail car after arrival and tested as follows:
  Swell Index ASTM D5890, Fluid Loss ASTM D5891, Moisture Content ASTM D2216 and particle size ASTM C136.
- The woven geotextile component is manufactured by others and must meet all Agru minimum requirements before it is introduced into the manufacturing process.
- The nonwoven geotextile is made by Agru or by others. In either case, it is tested to assure it meets our minimum properties before it is introduced into the manufacturing process.
- Off specification bentonite and/or geotextile is returned to the supplier.
- The Manufacturer's moisture content test data is reported on the GCL Quality Certificate.

Geosynthetic Clay Liner (GCL)

The Manufacturing Process

The bentonite is conveyed through a vacuum pump system and flexible hoses to a hopper, gravity feeding the bentonite onto the surface of the lower geotextile. The upper geotextile is then introduced on top of the layer of bentonite. This three layer product (lower textile, bentonite and upper geotextile) then go through a needle board which locks in the bentonite by needle punching textiles from the top layer to the bottom layer and vice versa.

Exiting the needle board, the rolls of finished GCL go through a magnet and needle detection system to ensure that the finished product is needle free. If needles are detected, the roll is tagged for additional inspection.

In addition to a metal detector and alarm, the GCL is also visually inspected to ensure there are no other surface defects as the material travels through the manufacturing process.

A line on either edge of the GCL are placed 6 inches in from the edge. These lines represent the minimum amount of overlap that should be used during installation.

The GCL is wound on a recycled HDPE core having 6" ID (150mm), 7" OD (175mm) and length corresponding to roll width.

Each standard length roll weighs approximately 2,500 – 4,000 pounds (1130-1815 kg). Rolls are placed in UV resistant plastic bags and sealed on the open end to prevent hydration or loss of bentonite.

Post Manufacturing Quality Control

Once start-up conditions are over and commercial manufacturing is initiated, post-production quality control comes into operation. A series of test procedures are performed based upon either our standard frequency of testing (attached), or frequencies required by customer specifications.

A sample approximately 2' by the full width of the GCL is taken from every 40,000 SF (14 rolls). Based on the specified test frequencies, certain specimens are die cut, tested, and the results summarized on the Quality Certificate issued by our Quality Control Department. The certificate is signed electronically by the Quality Control Manager. The Quality Control Manager reports directly to the President of the Company.

Rolls failing to comply with either Customer Project Specifications and/or our own latest revision to our published data sheets are set aside and re-classified as off-spec (Class B rolls).

Quality Certificates are provided for all rolls of GCLs, with the exception of off-spec (Class B rolls).

Sometimes a third party Quality Assurance representative is mandated by the owner of a project to oversee our manufacturing QA. We gladly subscribe to this procedure and make all our records available 24 hours a day for the duration of the mandate.

The following roll identification items are reported in our Quality Certificate:

Roll number

(example) **G13E383069**

G	1 3	E	3 8	3	0	6	9
PLANT ID	**YEAR**	**MACHINE ID**	**WEEK**	**DAY OF WEEK (MONDAY = 1)**	**COUNTER FOR WEEK**		

First digit	Plant (G=Georgetown / F=Fernley)
Second and Third digits	Year (13 = 2013)
Fourth digit	Machine ID
Fifth & Sixth digits	Week in the current year
Seventh digit	day of week (Monday=1, Sunday=7)
Last three digits	counter for the week (starts at 001)

Using the above key:

Roll #G13E383069 was produced in Georgetown, on Liner Machine E on Wednesday in the 38th week in 2013 (9/18/13).

Product Description GCL type: Agru GeoClay

Roll Length & Width in feet / meters

Raw material lot and/or batch number and supplier/product identification (from Resin Manufacturer's Certificate of Analysis – sample attached)

All GCL rolls are labeled as follows:

- roll stickers on the cores for each roll
- roll stickers on the outside of the finished roll
- written (paint pen) roll numbers on each face (flat ends)
- written (paint pen) roll numbers on the outside of the finished roll.

The following test results are reported in the GCL Quality Certificate, derived from our Standard Test Frequency (attached) and/or supplied raw material manufacturer Certificates of Analysis (Tests performed are the latest revisions of the Standards listed):

Test / Method	Results Reported & Modifications to Standard (if any)
Swell Index ASTM D5890	MARV is reported in ml/2 g min **Modification from Standard =**
Fluid Loss ASTM D5891 Textured liner only	%
Bentonite Mass per Unit Area ASTM D5993	lb/ft^2 Mass is reported at zero % moisture in units of lb/ft^2.
Tensile Strength ASTM D6768	lb/in Reported for machine direction only.
Peel strength ASTM D6496	lb/in Reported for machine direction only
Hydraulic conductivity ASTM D5887	cm/sec max. Tested using deaired, deionized water @ 5psi maximum confining stress and 2 psi head pressure.
Index Flux ASTM D5887	m^3/m^2/sec max Tested using deaired, deionized water @ 5psi maximum confining stress and 2 psi head pressure
Internal Shear Strength ASTM D6243	Psf Specimens are hydrated for 24 hours and sheared at 200 psf. Represents typical peak value.

The following Test Methods / Results are not certified by Agru America, as they are not required by the GRI GC3, and are not considered typical MQC tests.

Test / Method	Results Certified
Nominal Thickness ASTM D5199	mils
Index Puncture Resistance ASTM D4833	lbf

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APPENDIX O2

GCL Installer Qualifications Documentation

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ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.
Welcome...
(225) 291-2700
www.esiliners.com



ESI: Baton Rouge

Operations Center


Regional offices:
Columbia, SC
Oconomowoc, WI


OUR HISTORY
Founded in 1996.
Full service landfill construction and full service piping company.
Capable of performing civil earthwork construction .
Supply & install leachate collection systems, landfill gas systems and leachate forcemain systems.
A leading geosynthetic installer in the USA.


APPLICATIONS AND SERVICES AREAS ESI WORKS (both LF & Industrial)
Landfill Containment & Capping
Hazardous Waste Containment
Soil Capping Projects
Mining Applications
Tank Farms
Gypsum Stacks
Vapor Barriers
Superfund Sites
Department of Energy Sites (DOE)
US Army Corps of Engineer
Leachate Collection Systems
Leachate Collection Pumping Systems
Manholes, Valve Boxes, Sump Fabrication
Energy Plants
Water Treatment Facilities
Sewage Lagoons
Secondary Containment
Pond Liners
Water Storage Reservoirs
Rain Tarps
Petrochemical Plants
Aquaculture Applications
Paper Mills
Dual Contained Force Main
Riser Pipes


ABOUT US
ESI completes landfill construction, geosynthetic lining systems and multiple HDPE pipe installations with our own forces that operate out of our Baton Rouge, Louisiana operations center.


SAFETY: #1 GOAL
ESI prides itself on its past and current safety record and continually strives to achieve a Zero Accident Rate. ESI's EMR is 0.79



JOHN HENDRY
Insurance Agency, Inc.

Trusted Choice

February 5, 2014

Ashton Vidrine
Environmental Specialties International, Inc.
7965 Prene Lane, Suite A
Baton Rouge, LA 70809

Re: WC Experience Modifiers

Ashton,

Per your request, here are the experience modification rates for Environmental Specialties International, Inc. for the years 2010 – 2014.

4/1/2010	.72
4/1/2011	.72
4/1/2012	.77
4/1/2013	.82
4/1/2014	.79

If you need any further information, please don't hesitate to let me know.

Regards,

Paul R. Owen, CIC, CRM

Visit us on Facebook

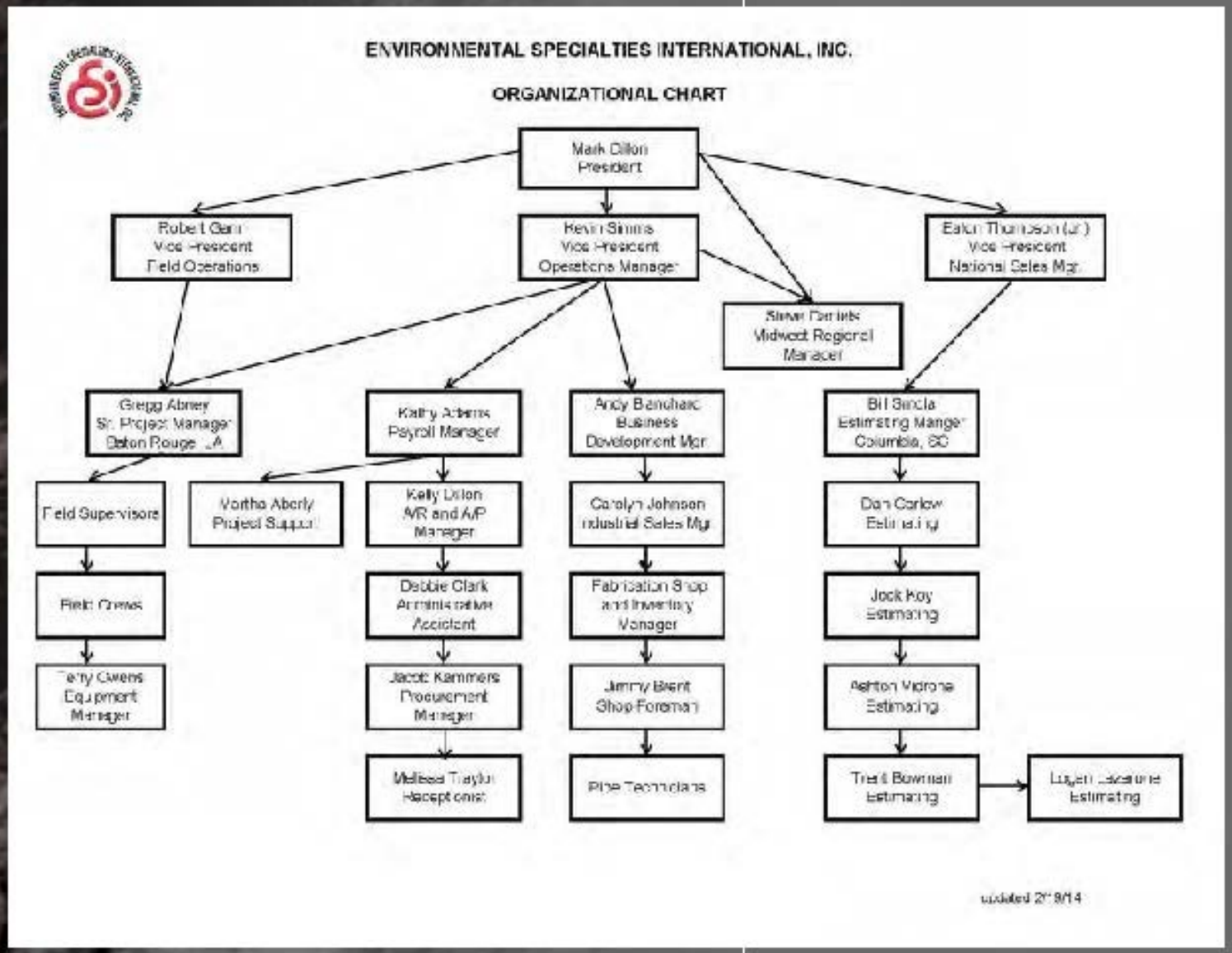

PRODUCTS
HDPE , LLDPE , Geosynthetic
Clay Liner, Geonet,
Geotextile, Composite,
Pipe: - Pipe Fittings


CORE VALUES
• Management
• Quality
• Experience
• Capabilities / Turn Key

In 2013, ESI installed 156,500,000 SF of combined geosynthetics




Since 1996, ESI has installed over
One Billon SF of combined
geosynthetics


ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.
ORGANIZATIONAL CHART
Mark Dillon
President
Robert Gant
Vice President
Field Operations
Kevin Simms
Vice President
Operations Manager
Eaton Thompson (Jr.)
Vice President
National Sales Mgr.
Steve Daniels
Midwest Regional
Manager
Gregg Abney
Sr. Project Manager
Baton Rouge, LA
Kathy Adams
Payroll Manager
Andy Banchaic
Business
Development Mgr.
Bill Sincla
Estimating Manger
Columbia, SC
Field Supervisors
Martha Aberly
Project Support
Kelly Dillon
MR and A/P
Manager
Carolyn Johnson
Industrial Sales Mg
Dan Carlew
Estimating
Field Crews
Debbie Clark
Administrative
Assistant
Fabrication Shop
and Inventory
Manager
Jack Roy
Estimating
Terry Owens
Equipment
Manager
Jacob Kammers
Procurement
Manager
Jimmy Brent
Shop Foreman
Ashton Vidrine
Estimating
Melissa Taylor
Receptionist
Pipe Technicians
Trent Bowman
Estimating
Logan Lavalais
Estimating
updated 2/19/14


APPLICATIONS AND SERVICES AREAS ESI WORKS (Industrial Division)
Landfills, Lagoons, Pond Liners
Secondary Containment Systems
Vapor Barriers
Trenches, Sumps, Drain Liners
Ringwalls
HDPE, PVC, Polypro Pipe and Fittings
Geomembrane Liners (HDPE, PP, PVC, Hypalon, etc.)
Geocomposites
Geonets
Geogrids
Geotextiles (Woven, Nonwoven, High Strength)
Geosynthetic Clay Liners (GCL)
Embed Liners for Concrete
HDPE, PVC, PP Sheet Stock
Valves
Corrugated Plastic Pipe
Dual Contained Piping
Custom Fabricated Pipe Spools
Manholes, Valve Boxes, Sump Fabrication
Pump Manifolds
Firewater Systems (FM Approved)
Potable Water Piping (AWWA C906 NSF 61)
Piping for Filter Press Systems
Pipe Fusion Equipment Rentals
Hydrotest and Turnkey Installations

ESI AS A PRIME SUBCONTRACTOR HAS WORKED ON THE FOLLOWING RCRA SITES. ESI'S SCOPE INCLUDED BUT WAS NOT LIMITED TO ALL REQUIRED SUBMITTALS, ALL REQUIRED WORK PLANS AND THE SELECTION, APPROVAL AND PROCUREMENT OF THE ALL GEOSYNTHETIC MATERIALS.

NAME OF PROJECT:	**Washington Hanford ERDF Super Cells 9 & 10**
LOCATION:	Richland, WA
CUSTOMER CONTACT:	Kurt Massey (541) 567-8693 e-mail: kmassey@delhur.com
NAME OF OWNER:	Department of Energy – Washington Hanford Site
ADDRESS OF OWNER:	200 West Area Hanford Richland, WA 99354
CONTRACTOR:	TradeWinds Services, LLC
CONTACT:	Kurt Massey
POSITION:	Project Manager
TELEPHONE:	(541) 567-8693
BID AMOUNT:	$ 3,815,000.00
FINAL COST TO OWNER:	$ 4,299,000.00
CONTRACT TIME AS-BID	Two (2) years
COMMENCMENT DATE:	May 2010 COMPLETION DATE: December 2010
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	3,078,000 SF – 60 Mil Textured White/Black HDPE Liner 2,081,000 SF – Double-Sided Composite 998,000 SF – 16 Ounce Non-Woven Geotextile 998,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Department of Energy – Oak Ridge Reservation Landfills**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy
ADDRESS OF OWNER:	Bethel Valley Road Oak Ridge, TN 37830
CONTRACTOR:	Avisco
CONTACT:	Chuck Keith e-mail:chuckk@avisco.com
POSITION:	Project Manager
TELEPHONE:	(865) 276 - 1379
BID AMOUNT:	$ 290,000.00
FINAL COST TO OWNER:	$ 304,571.00
COMMENCMENT DATE:	September 2010
COMPLETION DATE:	October 2010

NAME OF PROJECT:	**Department of Energy – Oak Ridge Reservation Landfills (continued)**
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	220,000 SF – 40 Mil Polypropylene Liner
	27,000 SF – High Strength Composite 16 Ounce Geotextile
	220,000 SF – 16 Ounce Non-Woven Geotextile
	220,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Oak Ridge National Lab – Accelerated Cleanup Project EMWMF Cell 6**
LOCATION:	Oak Ridge, TN
CUSTOMER CONTACT:	Narendran Ramachandran (865) 574 – 2911
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bear Creek Road Trailer 998T75 Oak Ridge, TN 37831
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Narendran Ramachandran, P.E.
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
POSITION:	Subcontractor Technical Representative
TELEPHONE:	(865) 574 - 2911
BID AMOUNT:	$ 723,000.00
FINAL COST TO OWNER:	$ 693,596.00
CONTRACT TIME AS-BID:	105 Working Days
COMMENCMENT DATE:	September 2010 COMPLETION DATE: October 2010
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	523,000 SF – 60 Mil Textured HDPE Liner
	360,000 SF – Double-Sided Composite
	183,000 SF – 16 Ounce Non-Woven Geotextile
	176,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Oak Ridge National Lab – Accelerated Cleanup Project EMWMF Cell 5**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bear Creek Road Trailer 998T75 Oak Ridge, TN 37831
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Narendran Ramachandran, P.E.
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
POSITION:	Subcontractor Technical Representative
TELEPHONE:	(865) 574 - 2911
BID AMOUNT:	$ 710,000.00
FINAL COST TO OWNER:	$ 755,000.00
COMMENCMENT DATE:	October 2009
COMPLETION DATE:	December 2009
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	613,000 SF – 60 Mil Textured HDPE Liner
	377,000 SF – Double-Sided Composite
	253,800 SF – 16 Ounce Non-Woven Geotextile
	259,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Escambia Wood Treatment Superfund Site**
LOCATION:	Pensacola, FL
NAME OF OWNER:	Black & Vetch c/o The Environmental Protection Agency
ADDRESS OF OWNER:	1120 Sanctuary Parkway Alpharetta, GA 30004
CONTRACTOR:	Oasis Construction Services
CONTACT:	Allan Brantley
POSITION:	Project Engineer
ADDRESS:	4822 Lake Forest Drive, NE Atlanta, GA 30342
TELEPHONE:	(678) 427 - 2533
BID AMOUNT:	$ 2,219,507.00
FINAL COST TO OWNER:	$ 2,306,554.00
COMMENCMENT DATE:	September 2008
COMPLETION DATE:	October 2009
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells and Cap
QUANTITIES:	1,253,000 SF – 60 Mil Textured HDPE Liner 1,253,000 SF – Geosynthetic Clay Liner 1,253,000 SF – Double-Sided Geocomposite

NAME OF PROJECT:	**Landwell/Basic Remediation Restoration Site**
LOCATION:	Henderson, NV
NAME OF OWNER:	Basic Remediation
ADDRESS OF OWNER:	Warm Springs Road Henderson, NV 89011
CONTRACTOR:	Entact Services, LLC
CONTACT:	Erik Gerhinger
POSITION:	Project Engineer
ADDRESS:	699 South Friendswood Drive Suite 101 Friendswood, TX 77546
TELEPHONE:	(561) 707 - 7088
BID AMOUNT:	$ 6,619,043.00
FINAL COST TO OWNER:	Job is in Progress
COMMENCMENT DATE:	July 2007
COMPLETION DATE:	Job is in Progress
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells and Cap
AND QUANTITIES:	4,204,946 SF – 60 Mil Textured HDPE Liner 4,204,946 SF – Geosynthetic Clay Liner 4,204,946 SF – Double-Sided Geocomposite

NAME OF PROJECT:	**Melton Valley Hydrological Isolation Project**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bethel Valley Road Bldg 7078-B, MS 6402 Oak Ridge, TN 37830
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Hope McCalley 865-574-9743 e:mail - QH9@bechteljacobs.org
POSITION:	Procurement Manager
TELEPHONE:	(865) 576 - 0748
BID AMOUNT:	$ 6,100,000.00
FINAL COST TO OWNER:	$ 7,000,000.00
COMMENCMENT DATE:	June 2004

NAME OF PROJECT:	**Melton Valley Hydrological Isolation Project (continued)**
COMPLETION DATE:	June 2006
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetic Barrier
QUANTITIES:	4,990,356 SF – 40 Mil LLDPE Liner 3,640,950 SF – Geosynthetic Clay Liner 4,891,600 SF – Composite 120,000 SF – Geogrid

*** ESI RECEIVED SMALL BUSINESS SUBCONTRACTOR OF THE YEAR AWARD FOR 2004 FROM BECHTEL JACOBS***

NAME OF PROJECT:	**Oak Ridge National Labs SWSA 4 Closure**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Oak Ridge National Labs
ADDRESS OF OWNER:	Bethel Valley Road Bldg 7078-B, MS 6402 Oak Ridge, TN 37830
CONTRACTOR:	MACTEC
CONTACT:	Steve Beck
POSITION:	Project Manager
ADDRESS:	105 Fordham Road Oak Ridge, TN 37830
TELEPHONE:	(865) 483 - 9622
BID AMOUNT:	$ 1,765,800.00
FINAL COST TO OWNER:	$ 2,100,000.00
COMMENCMENT DATE:	June 2003
COMPLETION DATE:	September 2004
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Barrier
QUANTITIES:	1,474,233 SF – 40 Mil LLDPE Liner 1,474,233 SF – Geosynthetic Clay Liner 1,474,233 SF – Composite

NAME OF PROJECT:	**Fluor Fernald OSDF Geomembrane Welding 2006**
LOCATION:	Hamilton, OH
NAME OF OWNER:	Fluor Fernald
ADDRESS OF OWNER:	7400 Willey Road Hamilton, OH 45013
CUSTOMER CONTACT:	Alan Hohnhorst
CUSTOMER TELEPHONE:	(513) 478 - 7086
DESIGN ENGINEER:	GeoSyntec
CONTACT:	Jim Fleck
POSITION:	Engineer
TELEPHONE:	(513) 266-6949
BID AMOUNT:	$ 253,569.00
FINAL COST TO OWNER:	$ 343,129.00
COMMENCMENT DATE:	July 2006
COMPLETION DATE:	September 2006
SCOPE OF WORK:	Subcontractor – Install Geosynthetic Cap
QUANTITIES	10 Acres – Cushion Geotextile Layer 10 Acres - Geosynthetic Clay Liner 10 Acres - 80 Mil Smooth & Textured Liner

NAME OF PROJECT:	**Whitehouse Waste Oil Pits Superfund Site**
LOCATION:	Jacksonville, FL
NAME OF OWNER:	EPA Operated Site
ADDRESS OF OWNER:	270 North Chaffee Road Jacksonville, FL 32220
CONTRACTOR:	Entact, Inc.
CONTACT:	Erik Gehringer
POSITION:	Project Engineer
ADDRESS:	699 South Friendswood Drive Suite 101 Friendswood, TX 77546
TELEPHONE:	(561) 707 - 7088
BID AMOUNT:	$ 1,063,335.00
FINAL COST TO OWNER:	$ 1,063,335.00
COMMENCMENT DATE:	November 2005
COMPLETION DATE:	January 2006
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	509,803 SF – 40 Mil Smooth LLDPE Liner
	509,803 SF – Geosynthetic Clay Liner
	718,000 SF – Double-Sided Composite
	2,200 LF – 4” HDPE SDR 17 Gas System

NAME OF PROJECT:	**Dupont Chambers Works SWMU 52**
LOCATION:	Deepwater, NJ
NAME OF OWNER:	Dupont
ADDRESS OF OWNER:	Deepwater, NJ 08023
CONTRACTOR:	Entact, Inc.
CONTACT:	Shawn Todaro
POSITION:	Project Engineer
ADDRESS:	200 Centreport Drive Suite 350 Greensboro, NC 27409
TELEPHONE:	(336) 790 - 4902
BID AMOUNT:	$ 245,425.00
FINAL COST TO OWNER:	$ 245,425.00
COMMENCMENT DATE:	October 2006
COMPLETION DATE:	November 2006
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	129,586 SF – 40 Mil Smooth LLDPE Liner
	129,586 SF – Geosynthetic Clay Liner
	129,586 SF – Double-Sided Composite

NAME OF PROJECT:	**US Steel – CAMU 1 and 2**
LOCATION:	Gary, IN
NAME OF OWNER:	US Steel
ADDRESS OF OWNER:	86 North Bridge Street Gary, IN 46404
CONTRACTOR:	Earth Tech
CONTACT:	Ed Ould
POSITION:	Project Manager
ADDRESS:	86 North Bridge Street Gary, IN 46404
TELEPHONE:	(804) 515 - 8300
BID AMOUNT:	$ 3,462,000.00
FINAL COST TO OWNER:	$ 4,345,557.00
COMMENCMENT DATE:	April 2002

NAME OF PROJECT:	**US Steel – CAMU 1 and 2 (continued)**
COMPLETION DATE:	January 2003
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells
QUANTITIES:	1,250,000 SF – 60 Mil Textured HDPE Liner on 2:1 Slope
	2,235,000 SF - 60 Mil Smooth Liner
	1,735,000 SF – Geosynthetic Clay Liner
	2,392,000 SF – Composite
	1,352,000 SF – Geotextile

NAME OF PROJECT:	**Lakeland Disposal Final Closure**
LOCATION:	Warsaw, IN
NAME OF OWNER:	Lakeland Disposal Facility
ADDRESS OF OWNER:	5854 South 450 West Claypool, IN 46510
CONTRACTOR:	Entact
CONTACT:	Caroline Panico
POSITION:	Project Manager
ADDRESS:	1360 N. Wood Dale Road Suite A Wood Dale, IL 60191
TELEPHONE:	(630) 616 - 2100
BID AMOUNT:	$ 593,307.00
FINAL COST TO OWNER:	$ 610,878.00
COMMENCMENT DATE:	March 2002
COMPLETION DATE:	September 2002
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	980,000 SF – 40 Mil Textured LLDPE Liner
	990,000 SF – Drainage Geocomposite

NAME OF PROJECT:	**Dupont Dry Run Closure**
LOCATION:	Lubeck, WV
NAME OF OWNER:	Dupont
ADDRESS OF OWNER:	795 Dry Run Lane Lubeck, WV 26101
CONTRACTOR:	Entact, Inc.
CONTACT:	Shawn Todaro
POSITION:	Project Engineer
ADDRESS:	200 Centreport Drive Suite 350 Greensboro, NC 27409
TELEPHONE:	(336) 790 - 4902
BID AMOUNT:	$ 1,058,523.00
FINAL COST TO OWNER:	$ 1,053,423.00
COMMENCMENT DATE:	July 2007
COMPLETION DATE:	August 2007
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	967,365 SF – 40 Mil Smooth & Textured LLDPE Liner
	967,365 SF – Geosynthetic Clay Liner
	967,365 SF – Double-Sided Composite

THE FOLLOWING LIST REPRESENTS CONDUCTIVE DOUBLE-LINED BRINE PONDS

NAME OF PROJECT:	**Perryville Cardinal Gas Brine Pond**
LOCATION:	Winnsboro, LA
NAME OF OWNER:	Cardinal Gas
ADDRESS OF OWNER:	210 Hill Ridge Road Winnsboro, LA 71295
CUSTOMER CONTACT:	Matt Milton Beard Constr. e-mail: mmilton@beardconstructiongroup.com
CUSTOMER TELEPHONE:	(225) 387 - 2339
DESIGN ENGINEER:	URS Washington Group
CONTACT:	Bruce Lamb e-mail: Bruce.Lamb@wgint.com
POSITION:	Engineer
TELEPHONE:	
BID AMOUNT:	$ 992,449.00
FINAL COST TO OWNER:	$ 990,633.00
COMPLETION DATE:	September 2010
SCOPE OF WORK & QUANTITY:	920,000 SF – 60 Mil White/Black Conductive HDPE Liner * 458,000 SF - HDPE Geonet 458,000 SF - Single-Sided Composite

***The entire liner system was spark tested**

NAME OF PROJECT:	**Enterprise Products Co. – Wilson Ethane Storage**
LOCATION:	Boling, TX
NAME OF OWNER:	Enterprise Products Co.
ADDRESS OF OWNER:	2020 County Road 103 Boling, TX 77420
CUSTOMER CONTACT:	Bryan Tassin Beard Constr. e-mail: btassin@beardconstructiongroup.com
CUSTOMER TELEPHONE:	(225) 387 - 2339
DESIGN ENGINEER:	Conestoga Rovers & Associates
POSITION:	Engineer
BID AMOUNT:	$ 466,006.00
FINAL COST TO OWNER:	$ 470,191.00
COMPLETION DATE:	March 2012
SCOPE OF WORK & QUANTITY:	270,000 SF – 40 Mil White/Black Conductive HDPE Liner * 270,000 SF - 60 Mil White/Black Conductive HDPE Liner * 270,000 SF - HDPE Geonet

***The entire liner system was spark tested**

NAME OF PROJECT:	**Petrologistics Brine Pond Liner Replacement**
LOCATION:	Sulphur, LA
NAME OF OWNER:	Petrologistics, LLC
ADDRESS OF OWNER:	2200 West Burton Avenue, Sulphur, LA 70663
CUSTOMER:	Turner Specialty Services
CUSTOMER CONTACT:	Brad Buller e-mail: bbuller@turner-industries.com

CUSTOMER TELEPHONE:	(225) 214-2755
DESIGN ENGINEER:	Levingston Engineers
CONTACT:	David Allardyce e-mail: david.allardyce@levingston.com
BID AMOUNT:	$97,775.00
FINAL COST TO OWNER:	$88583.00
COMPLETION DATE:	April 2010
SCOPE OF WORK & QUANTITY:	189,000 SF – 60 mil Black Smooth HDPE Liner

THE FOLLOWING LIST REPRESENTS POWER PLANT PROJECTS

NAME OF PROJECT:	**Cleco Power LLC Brame Energy Center Cell 2**
LOCATION:	275 Rodemacher Road, Lena, LA 71447
CUSTOMER CONTACT:	Gary Jewell James Construction Group gjewell@jcgllc.com
CUSTOMER NUMBER:	(225) 295-4830
NAME OF OWNER:	Cleco Power LLC
ENGINEER FIRM:	Providence Engineering and Environmental Group
ENGINEERS CONTACT:	Gary Leonards - PE e-mail: garyleonards@providenceeng.com
TELEPHONE:	(225) 766-7400
BID AMOUNT:	$2,001,796.98
FINAL COST TO OWNER:	$2,050,280.82
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	986,952 SF - 40 Mil Textured HDPE Liner 986,952 SF - 60 Mil Textured HDPE Liner 835,240 SF - Unreinforced GCL 151,712 SF - Reinforced GCL 1,033,289 SF - D/S Geocomposite 4340 LF - Leachate Collection and Extraction Piping System 825 LF - Contact Water Collection System Piping 450 LF - Leachate Extraction Riser Piping 1075 LF - Leachate Force Main Piping Extension

NAME OF PROJECT:	**TVA – Bull Run Fossil Plant**
LOCATION:	1265 Edgemoor Rd., Clinton, TN 37716
CUSTOMER CONTACT:	Brian Greene (423) 494-9253
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	URS
BID AMOUNT:	$158,800.00
FINAL COST TO OWNER:	$162,800.00
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	40 mil Textured LLDPE Liner Double-Sided Geocomposite

NAME OF PROJECT:	**TVA – Kingston Fossil Plant – 25 Acre Ash Storage Pond**
LOCATION:	1134 Swan Pond Road Harriman, TN 37748
CUSTOMER CONTACT:	Larry Nathan (256) 509-0239 e-mail: lbnathan@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	GeoSyntec Consultants
ENGINEERS CONTACT:	Marcus Fountain - CM e-mail: MFountain@Geosyntec.com
ADDRESS:	1255 Roberts Blvd. Kennesaw, GA 31044
TELEPHONE:	(678) 202 - 9575
BID AMOUNT:	$ 2,017,940.00
FINAL COST TO OWNER:	TBD
CONTRACT TIME AS-BID	31 Working Days
COMMENCMENT DATE:	August 22, 2011 COMPLETION DATE: December 2011
SCOPE OF WORK AND QUANTITIES:	1,148,000 SF - 60 MIL Textured HDPE Liner 1,148,000 SF - 20 Ounce Non-Woven Geotextile 1,148,000 SF - Double Sided Geocomposite

NAME OF PROJECT:	**TVA – Dupont Dredge Cap Completion – Johnsonville Fossil Plant**
LOCATION:	535 Steam Plant Road New Johnsonville, Tennessee 37134
CUSTOMER CONTACT:	Brad Workman (931) 320 - 1044 e-mail: wbworkma@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	Santec Consulting Services Inc.
ENGINEERS CONTACT:	Richard G Schuff, PE, CPE SC
ADDRESS:	100 Westwood Place #420 Brentwood, Tennessee 37027
TELEPHONE:	(615) 885-1144
BID AMOUNT:	$ 349,203.00
FINAL COST TO OWNER:	$ 327,142.00
CONTRACT TIME AS-BID	10 Working Days
COMMENCMENT DATE:	September 6, 2011 COMPLETION DATE: September 29, 2011
SCOPE OF WORK AND QUANTITIES:	300,000 SF - 40 MIL Textured LLDPE 300,000 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Rural Hall Ash Landfill**
LOCATION:	500 Edwards Road, Rural Hall, NC 27045
CUSTOMER CONTACT:	Josh Wayne - Earnhardt Grading
CUSTOMER NUMBER:	(704) 980-0911
NAME OF OWNER:	Rural Hall Ash Landfill
ENGINEER FIRM:	ERM NC, Inc
BID AMOUNT:	$695,566.30
FINAL COST TO OWNER:	$701,561.15
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	82,325 SY – 40 mil LLDPE Textured Geomembrane 82,325 SY – Drainage Geocomposite

NAME OF PROJECT:	**Luminant Power – C Pit Construction**
LOCATION:	Highway 1786 Rockdale, TX 76567
CUSTOMER CONTACT:	Homer Stevens (512) 695 - 7627
NAME OF OWNER:	Luminant Generation Co., LLC
ADDRESS OF OWNER:	Highway 1786 Rockdale, TX 76567
ENGINEER FIRM:	BBA, LLC
ENGINEERS CONTACT:	Daniel Bullock , P.E. e-mail: dbullock@bbaengineering.com
ADDRESS:	165 N. Lampasas Street Bertram, TX 78605
TELEPHONE:	(512) 335 - 9198
BID AMOUNT:	$ 799,387.00
FINAL COST TO OWNER:	$ 811,160.00
CONTRACT TIME AS-BID	44 Working Days
COMMENCMENT DATE:	April 2010 COMPLETION DATE: June 2010
SCOPE OF WORK AND QUANTITIES:	445,000 SF - 40 MIL Smooth LLDPE Gundseal 495,000 SF - Reinforced GCL 495,000 SF - 40 Mil Textured LLDPE

NAME OF PROJECT:	**TVA – Dupont Dredge Cell Cap– Johnsonville Fossil Plant**
LOCATION:	535 Steam Plant Road New Johnsonville, Tennessee 37134
CUSTOMER CONTACT:	Brad Workman (931) 320 - 1044 e-mail: wbworkma@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	Santec Consulting Services Inc.
ENGINEERS CONTACT:	Richard G Schuff, PE, CPE SC
ADDRESS:	100 Westwood Place #420 Brentwood, Tennessee 37027
TELEPHONE:	(615) 885-1144
BID AMOUNT:	$ 487,839.88
FINAL COST TO OWNER:	$ 488,981.54
CONTRACT TIME AS-BID	20 Working Days
COMMENCMENT DATE:	December 2, 2010 COMPLETION DATE: December 22, 2010
SCOPE OF WORK AND QUANTITIES:	487,500 SF - 40 MIL Smooth LLDPE 107,500 SF - 40 MIL Textured LLDPE 487,500 SF - S/S Geocomposite 129,350 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Duke Energy Marshall Steam Plant Industrial LF # 1**
LOCATION:	8320 NC Highway 150 Terrell, NC 28682
CUSTOMER CONTACT:	Fred Brown Earnhardt Grading (704) 601 - 4290
NAME OF OWNER:	Duke Energy
ADDRESS OF OWNER:	526 South Church Street Charlotte, NC 28202
ENGINEER FIRM:	S&ME, Inc.
ENGINEERS CONTACT:	Will Harrison e-mail: wharrison@smeinc.com
ADDRESS:	9751 Southern Pine Blvd. Charlotte, NC 28273
TELEPHONE:	(704) 523 - 4726
BID AMOUNT:	$ 2,353,878.00
FINAL COST TO OWNER:	$ 2,349,128.00

NAME OF PROJECT:	**Duke Energy Marshall Steam Plant Industrial LF # 1 (continued)**
CONTRACT TIME AS-BID	51 Working Days
COMMENCMENT DATE:	August 2010 COMPLETION DATE: September 2010
SCOPE OF WORK AND QUANTITIES:	862,686 SF - GCL 1,725,372 SF - 60 MIL Textured HDPE 1,725,372 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Mississippi Power Plant Central Ash Management Closure**
LOCATION:	Highway 63 North Moss Point , MS 39552
CUSTOMER CONTACT:	Grant Witty Beard Constr. e-mail:gwitty@beardconstructiongroup.com
NAME OF OWNER:	Southern Companies
ADDRESS OF OWNER:	Highway 63 North Moss Point , MS 39552
ENGINEER FIRM:	In House Engineering
ENGINEERS CONTACT:	
ADDRESS:	
BID AMOUNT:	$ 98,234.00
FINAL COST TO OWNER:	$ 97,863.00
CONTRACT TIME AS-BID	21 Working Days
COMMENCMENT DATE:	April 2010 COMPLETION DATE: June 2010
SCOPE OF WORK AND QUANTITIES:	973,000 SF - GCL

NAME OF PROJECT:	**Plum Point Energy Station**
LOCATION:	2732 S. County Road 623 Osceola, AR 72370
CUSTOMER CONTACT:	Roger Lenertz – Black & Veatch Corp.
NAME OF OWNER:	Plum Point Power Partners
ADDRESS OF OWNER:	11401 Lamar Ave. Overland Park, KS 66211
ENGINEER FIRM:	Black & Veatch
ENGINEERS CONTACT:	Larry Kohns e-mail: KohnsLR@bv.com
ADDRESS:	11401 Lamar Ave. Overland Park, KS 66211
TELEPHONE:	(913) 458 - 2000
BID AMOUNT:	$ 943.425.00
FINAL COST TO OWNER:	$ 905,840.00
CONTRACT TIME AS-BID	121 Working Days
COMMENCMENT DATE:	October 2008 COMPLETION DATE: August 2009
SCOPE OF WORK AND QUANTITIES:	707,112 SF - 60 Mil Smooth HDPE 16,000 CY - Protective Cover sand

NAME OF PROJECT:	**TVA – John Sevier Fossil Plant Ash Stack Cell Liner Project**
LOCATION:	611 Old Highway 70S Rogersville, TN 37857
CUSTOMER CONTACT:	Benny Foshee e-mail: bfoshee@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	CTI Engineers
ENGINEERS CONTACT:	J. Taylor Stein, P.E. e-mail: tstein@ctiengr.com
ADDRESS:	1122 Riverfront Parkway Chattanooga, TN 37402
TELEPHONE:	(423) 267 - 7613

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APPENDIX O3

GCL Manufacturer's Experience Qualification

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Agru Geoclay Geosynthetic Clay Liner Reference

Year	Location	Project	Type	Quantity (SF)
2013	Canada	Coaticook Landfill	NN66	200,000
2014	AL	Mount Olive	WN36	239,475
2014	AR	Crittenden	NN66	60,450
2014	AZ	Morenci Mine	NN66	976,500
2014	CA	Barstow Landfill	NN66	638,600
2014	CA	Tajiguas LF	NN66	88,350
2014	CA	Potrero Hills	NN66	200,725
2014	CA	Taft LF	NN66	558,000
2014	Canada	Hebertville	WN36	499,875
2014	CN	Let Hebert	WN36	499,875
2014	HI	Waimanalo Gulch	NN66	141,825
2014	MA	Sutton Brook	WN36	1,632,150
2014	NC	South Wake	NN66	1,343,850
2014	NC	Camp Lejeune	NN66	592,875
2014	PA	Keystone Landfill	NN66	785,850
2014	PA	CNX Gas	NN66	79,097
2014	Peru	Barrick	NN66	186,000
2014	SC	Santee Cooper	NN66	746,325
2014	VA	Shoosmith LF	NN66	276,675
2014	WV	Fola Coal	WN36	118,575
2014	WY	TDS Landfill	WN36	279,000
2015	HI	PVT LF	NN36	283,650
2015	MX	Argonaut	NN36	374,325
2015	TX	PD Glycol	NN66	241,800
		Total		11,043,847

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APPENDIX O4

GCL Material Specifications and Installation Instructions

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Agru GeoClay NN66

Geotextile Component

Geotextile Property	Test Method	Frequency	Minimum Average Roll Value
Upper Nonwoven, Mass/Unit Area, oz/yd²(g/m²)	ASTM D5261	200,000 sf	6.0 (200)
Lower Nonwoven, Mass/Unit Area, oz/yd²(g/m²)	ASTM D5261	200,000 sf	6.0 (200)

Bentonite Property[1]	Test Method	Test Method	Minimum Average Roll Value
Swell Index, ml/2 g min	ASTM D5890	100,000 lb	24
Moisture Content, %	ASTM D4643	100,000 lb	12% max
Fluid Loss, ml	ASTM D5891	100,000 lb	18 max

Finished GCL Property	Test Method	Test Method	Minimum Average Roll Value
Bentonite, Mass/Unit Area[2], lb/ft² (kg/m²)	ASTM D5993	40,000 sf	0.75 (3.6)
Tensile Strength[3], lb/in (N/cm)	ASTM D6768	40,000 sf	50 (87)
Peel Strength[3] lb/in (N/cm)	ASTM D6496	40,000 sf	3.5 (6.1)
Hydraulic Conductivity[4] cm/sec max	ASTM D5887	1/week	5×10^{-9}
Index Flux[4] m³/m²/sec max	ASTM D5887	1/week	1×10^{-8}
Internal Shear Strength[5] psf (kPa)	ASTM D6243	Periodically	500 (24) Typical

Supply Information

Roll Size	Width		Length		Area	
	ft	m	ft	m	ft²	m²
	15.5	4.7	150	45.7	2,325	216

Notes:
(1) Bentonite properties tests performed at a bentonite processing facility prior to shipment to GCL production facility.
(2) Reported at 0% moisture
(3) Tensile strength testing performed in MD using ASTM D 6768.
(4) Deaired, deionized water @5 psi maximum effective confining stress and 2 psi head pressure.
(5) Specimens are hydrated for 24 hours and sheared at 200 psf. Represent typical peak value.
Rolls weigh approximately 2,600 lbs, are supplied with two straps and wound on a 4 75" core

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru/America as to the effects of such use or the results to be obtained, nor does Agru/America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

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MANUFACTURING QUALITY CONTROL

Agru GeoClay

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09/18/2013

AGRU AMERICA, INC. - QA/QC

Manufacturing – Quality Assurance/Quality Control

AGRU AMERICA, Inc. extrudes high density polyethylene (HDPE) and linear low density polyethylene (LLDPE) geomembrane, Geosynthetic Clay Liners (GCL), HDPE Geonet, PP Geotextile and Geocomposite products at its three production plants located at 500 Garrison Road, Georgetown, South Carolina, 29440, 181 Hwy 521, Andrews, South Carolina, and 2000 East Newlands Drive, Fernley, Nevada, 89408.

Our USA Manufacturing Quality Assurance Program is dependent on the utilization of in-house laboratories in each plant which are, when necessary, complemented with testing performed by certified outside laboratories such as:

- Precision Geosynthetic Laboratories; Anaheim, CA
  Telephone (714) 520-9631; Fax (714) 520-9637
- TRI/Environmental, Inc.; Austin, Texas
  Telephone (512) 263-2101; Fax (512) 263-2558

  And other GRI-LAP accredited laboratories.

Raw Material – Manufacturer's Certificate of Conformity

Geotextiles and bentonite are used in the manufacture of geosynthetic clay liners:

- Prior to shipment, our bentonite supplier submits a certificate of analysis. Once approved, the bentonite is released for shipment to our plant.
- At least weekly one sample is taken from a rail car after arrival and tested as follows:
  Swell Index ASTM D5890, Fluid Loss ASTM D5891, Moisture Content ASTM D2216 and particle size ASTM C136.
- The woven geotextile component is manufactured by others and must meet all Agru minimum requirements before it is introduced into the manufacturing process.
- The nonwoven geotextile is made by Agru or by others. In either case, it is tested to assure it meets our minimum properties before it is introduced into the manufacturing process.
- Off specification bentonite and/or geotextile is returned to the supplier.
- The Manufacturer's moisture content test data is reported on the GCL Quality Certificate.

1

Geosynthetic Clay Liner (GCL)

The Manufacturing Process

The bentonite is conveyed through a vacuum pump system and flexible hoses to a hopper, gravity feeding the bentonite onto the surface of the lower geotextile. The upper geotextile is then introduced on top of the layer of bentonite. This three layer product (lower textile, bentonite and upper geotextile) then go through a needle board which locks in the bentonite by needle punching textiles from the top layer to the bottom layer and vice versa.

Exiting the needle board, the rolls of finished GCL go through a magnet and needle detection system to ensure that the finished product is needle free. If needles are detected, the roll is tagged for additional inspection.

In addition to a metal detector and alarm, the GCL is also visually inspected to ensure there are no other surface defects as the material travels through the manufacturing process.

A line on either edge of the GCL are placed 6 inches in from the edge. These lines represent the minimum amount of overlap that should be used during installation.

The GCL is wound on a recycled HDPE core having 6" ID (150mm), 7" OD (175mm) and length corresponding to roll width.

Each standard length roll weighs approximately 2,500 – 4,000 pounds (1130-1815 kg). Rolls are placed in UV resistant plastic bags and sealed on the open end to prevent hydration or loss of bentonite.

Post Manufacturing Quality Control

Once start-up conditions are over and commercial manufacturing is initiated, post-production quality control comes into operation. A series of test procedures are performed based upon either our standard frequency of testing (attached), or frequencies required by customer specifications.

A sample approximately 2' by the full width of the GCL is taken from every 40,000 SF (14 rolls). Based on the specified test frequencies, certain specimens are die cut, tested, and the results summarized on the Quality Certificate issued by our Quality Control Department. The certificate is signed electronically by the Quality Control Manager. The Quality Control Manager reports directly to the President of the Company.

Rolls failing to comply with either Customer Project Specifications and/or our own latest revision to our published data sheets are set aside and re-classified as off-spec (Class B rolls).

Quality Certificates are provided for all rolls of GCLs, with the exception of off-spec (Class B rolls).

Sometimes a third party Quality Assurance representative is mandated by the owner of a project to oversee our manufacturing QA. We gladly subscribe to this procedure and make all our records available 24 hours a day for the duration of the mandate.

The following roll identification items are reported in our Quality Certificate:

Roll number

(example) **G13E383069**

G	1 3	E	3 8	3	0	6	9
PLANT ID	YEAR	MACHINE ID	WEEK	DAY OF WEEK (MONDAY = 1)	COUNTER FOR WEEK		

First digit	Plant (G=Georgetown / F=Fernley)
Second and Third digits	Year (13 = 2013)
Fourth digit	Machine ID
Fifth & Sixth digits	Week in the current year
Seventh digit	day of week (Monday=1, Sunday=7)
Last three digits	counter for the week (starts at 001)

Using the above key:

Roll #G13E383069 was produced in Georgetown, on Liner Machine E on Wednesday in the 38th week in 2013 (9/18/13).

Product Description GCL type: Agru GeoClay

Roll Length & Width in feet / meters

Raw material lot and/or batch number and supplier/product identification (from Resin Manufacturer's Certificate of Analysis – sample attached)

All GCL rolls are labeled as follows:

- roll stickers on the cores for each roll
- roll stickers on the outside of the finished roll
- written (paint pen) roll numbers on each face (flat ends)
- written (paint pen) roll numbers on the outside of the finished roll.

The following test results are reported in the GCL Quality Certificate, derived from our Standard Test Frequency (attached) and/or supplied raw material manufacturer Certificates of Analysis (Tests performed are the latest revisions of the Standards listed):

Test / Method	Results Reported & Modifications to Standard (if any)
Swell Index ASTM D5890	MARV is reported in ml/2 g min **Modification from Standard =**
Fluid Loss ASTM D5891 Textured liner only	%
Bentonite Mass per Unit Area ASTM D5993	lb/ft^2 Mass is reported at zero % moisture in units of lb/ft^2.
Tensile Strength ASTM D6768	lb/in Reported for machine direction only.
Peel strength ASTM D6496	lb/in Reported for machine direction only
Hydraulic conductivity ASTM D5887	cm/sec max. Tested using deaired, deionized water @ 5psi maximum confining stress and 2 psi head pressure.
Index Flux ASTM D5887	m^3/m^2/sec max Tested using deaired, deionized water @ 5psi maximum confining stress and 2 psi head pressure
Internal Shear Strength ASTM D6243	Psf Specimens are hydrated for 24 hours and sheared at 200 psf. Represents typical peak value.

The following Test Methods / Results are not certified by Agru America, as they are not required by the GRI GC3, and are not considered typical MQC tests.

Test / Method	Results Certified
Nominal Thickness ASTM D5199	mils
Index Puncture Resistance ASTM D4833	lbf

AGRU GEOCLAY™ GEOSYNTHETIC CLAY LINER INSTALLATION MANUAL

Agru America, Inc. is not an installer of Geosynthetic Clay Liners. This manual is provided only as a guideline and not meant as an authority of exactitude. Agru America will not be held liable for the installation of others.

AGRU GEOCLAY™ GEOSYNTHETIC CLAY LINER INSTALLATION MANUAL

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Part 7 - Hydration
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PART 1 - GENERAL

1.01 Summary

This manual provides guidance and a general overview of the procedures for the installation of Agru GeoClay™ geosynthetic clay liners (GCLs). These procedures are consistent with standard industry accepted practices and are designed to ensure that the GCL is handled and installed in a manner that maximizes safety, efficiency, and the physical integrity of the GCL.

These guidelines are based upon experience at a variety of different sites and should be generally applicable to any type of lining project using Agru GeoClay™. Any variance from or additional requirements to these guidelines would be at the engineer's discretion. Therefore, it should be noted that strict adherence to the customer's project specific specification is also required.

The ultimate performance of Agru GeoClay™ or any GCL is fully dependent on the quality of its installation. Therefore, it is the installer's responsibility to adhere to these guidelines, as well as the project specifications and drawings, as closely as possible. In addition, it is the responsibility of the engineer and owner to provide construction quality assurance (CQA) for the installation in order to ensure the proper installation. This document covers only installation procedures.

For additional guidance or assistance regarding Agru GeoClay™, you may contact Agru America, Inc.'s Technical Support Staff at (843) 546-0600.

For additional guidance beyond this document, refer to the standards referenced below.

1.02 References

American Society for Testing and Materials (ASTM):

- ASTM D5888: Standard Guide For Storage and Handling of Geosynthetic Clay Liners.
- ASTM D 6102: Standard Guide For Installation of Geosynthetic Clay Liners

Geosynthetic Research Institute (GRI):

- GRI-GCL3: Test Methods, Required Properties, and Testing Frequencies of Geosynthetic Clay Liners (GCLs)
- GRI-GCL5: Design Considerations for Geosynthetic Clay Liners (GCLs) in Various Applications.

PART 2 – Equipment and Personnel Requirements

2.01 Installer Requirements

Agru America, Inc. (Agru) is committed to ensuring that its Agru GeoClay™ is installed properly to fully ensure the physical integrity and performance of the material. Therefore, Agru reserves the right to limit the sale of any of its materials to customers who can show that they have adequate equipment, personnel, experience and knowledge to provide the proper installation required.

2.02 Personnel Requirements

It is the sole responsibility of the Installer to ensure that an adequate number of appropriately trained personnel are provided to ensure the proper and safe installation of Agru GeoClay™.

2.03 Equipment Requirements

Agru GeoClay™ is delivered in rolls which are typically 1,600-3,500 lbs (725-1600kg). Product dimensions and weights will vary according to the specific AGRU GeoClay™ product which is ordered. Please note that it is necessary to support this weight using an appropriate core pipe or other method for lifting the GeoClay rolls. For any installation, it is important to minimize the deflection of a roll to a maximum of 3" (75mm) from midpoint to either end when a full GCL roll is lifted.

Appropriately rated lifting chains/straps may be used in combination with a steel pipe (preferably solid) and an I-beam to fabricate a "spreader bar". The spreader bar ensures lifting chains or straps do not chafe against the ends of the roll, allowing it to rotate freely during installation. The entire assembly with the roll can then be lifted with a crane, front end loader, excavator or other suitable equipment for deployment.

Alternatively, a forklift specially fitted with a carpet pole (stinger) attachment may also be used for on-site handling. A forklift without a stinger attachment should not be used to lift or handle the rolls.

When installing over certain geosynthetic materials, a 4-wheel, all-terrain vehicle (ATV) can be used to deploy the GeoClay™. An ATV can be driven directly on the GCL provided that no sudden stops, starts, or tums are made and the ground pressure exerted ATV is kept to a minimum.

Additional equipment that may be needed for installation includes, but may not be limited to, the following:

- Utility knife and spare blades.
- Granular bentonite (available from Agru) for enhanced seams and for sealing around structures.
- Waterproof tarpaulins (for temporary cover on installed material as well as for stockpiled rolls).
- Flat-bladed vise grip pliers (for adjusting/positioning panels by hand).

PART 3 – Shipping, Unloading and Storage

3.01 Shipping

All material lot and roll numbers should be recorded and compared to the packing list. In addition, each roll of GeoClay™ should also be visually inspected to determine if any of the materials have been damaged.

Major damage suspected to have occurred during loading/unloading or transit should be reported immediately to the carrier and to Agru America, Inc. The exact nature and extent of the damage should also be indicated on the bill of lading along with the specific lot and roll numbers of the damaged materials.

Accumulation of some moisture within roll packaging is normal and does not damage the product.

3.02 Loading/Unloading

The party directly responsible for unloading the GeoClay™ should refer to this manual prior to arrival of the material in order to ascertain the appropriateness of their unloading equipment and procedures. All unloading and on-site handling efforts should be appropriately supervised.

In most cases, Agru GeoClay™ is delivered on flatbed trucks. There are three methods of unloading: core pipe and spreader bar; slings; or stinger bar. To unload the rolls from the flat-bed using a core pipe and spreader bar, first insert the core pipe through the core tube. Secure the lifting chains or straps to each end of the core pipe and to the spreader bar mounted on the lifting equipment. Hoist the roll straight up and make sure its weight is evenly distributed so that it does not tilt or sway when lifted.

Agru GeoClay™ is typically delivered with two polyester endless slings on each roll. Wherever possible the core pipe should be inserted in the core tube for support even when lifting with the slings. Before lifting, it is very important to check the position of the slings. Each sling should be attached in the choke position approximately one third from the end of the roll. Always lift the roll straight up so that it does not tilt or sway when lifted.

In some cases, GeoClay™ rolls will be stacked in pyramids on flatbed trucks. If slings are not used, the rolls must be unloaded using a stinger/carpet pole on an extendible boom fork lift. The use of a spreader bars will not work in this situation due to the limited access between the pyramids of GeoClay™. To unload, guide the stinger through the core tube before lifting the GCL roll and carefully remove the roll from the truck.

An extendible boom fork lift equipped with a stinger is required for unloading enclosed containers. Rolls in the front and center of the container should first be carefully pulled toward the door using the slings provided prior to removing.

3.03 Storage

AGRU GeoClay™ rolls should be stored at the job site away from high-traffic areas which may result in damage to the material. However, they should be as close as possible to the deployment area to minimize handling. Any designated storage area should be flat, dry and stable. Regardless, the storage area SHOULD not be located in an area that is susceptible to flooding or in areas known for high storm water runoff.

All Rolls should be carefully stacked in a manner that prevents them from sliding or rolling. This typically requires chocking the bottom layer of rolls. Agru GeoClay™ rolls should be stacked only as high as can be safely handled by the Installers personnel and equipment under the site specific conditions (typically no higher than four rolls high). Agru GeoClay rolls should never be stacked on end.

While the Agru GeoClay's packaging is designed to provide some moisture protection, additional tarpaulins or plastic sheeting is/are also recommended to cover and protect the rolls of GCL material. Any rolls of material that are identified as being potentially hydrated or physically damaged should be isolated for further inspection to determine the extent of their usability.

PART 4 – Subgrade Preparation

4.01 Subgrade Inspection

When Agru GeoClay™ isdeployed over a soil subgrade, the finished surface should be smooth without any abrupt elevation changes, voids, cracks, ice, or standing water. In addition it should be firm and unyielding, and compacted to a degree such that deployment or other construction equipment does not leave tracks or ruts greater than 1" (25 mm) in depth.

The prepared subgrade surface must be smooth and free of any vegetation, sharp-edged rocks, stones, sticks, construction debris, and other foreign matter that could contact and potentially damage the GCL. The subgrade should be rolled with a smooth-drum compactor to remove any wheel ruts, tracks, or other abrupt grade changes greater than 1" (25mm) in depth. Furthermore, all protrusions extending more than 0.5 inch (12 mm) from the subgrade surface shall be removed. The GCL may be installed on a frozen subgrade, however only if the subgrade soil in the unfrozen state meets the requirements listed above.

In applications where the Agru GeoClay™ is the only barrier, subgrade surfaces consisting of granular soils or gravels are not acceptable due to their large void fraction and puncture potential. In these applications subgrade soils should have a particle-size distribution at least 80% passing a #60 sieve with no particles greater than ¾" (19 mm).

4.02 Subgrade Approval

Notwithstanding the above requirements, the subgrade surface must also be prepared in strict accordance with the project drawings and specifications, and the engineer's approval of the subgrade must be obtained prior to material deployment.

PART 5 - Installation

5.01 Material Deployment

Agru GeoClay™ rolls should be transported to the deployment area in their original packaging. The orientation of the GCL (i.e., which side faces up) may be important if the GCL has differing types of geotextiles/geosynthetics. Always check with the project engineer in order to determine if there is a preferred installation orientation for the GCL.

If no specific orientation is specified or required, allow the roll to unwind from the bottom rather than pulling the flap from the top. Take care in removing the packaging so as not to damage the rolls.

Agru GeoClay™ rolls should not be released on the slope and allowed to unroll freely by gravity.

Agru GeoClay™ should always be cut using a sharp utility knife. Frequent blade replacement is recommended to avoid irregular tearing of the geotextile components during the cutting process.

Equipment which could damage the GCL should not be allowed to travel directly on it. Allowable equipment which may be utilized on the GCL is limited to lightweight ATVs with a maximum bearing capacity of 5psi (21.5 kPa). Care should always be taken in the operation of any equipment on Agru GeoClay™ so as to avoid sudden starts and stops, abrupt turns, or other maneuvers that could damage the GCL.

To minimize traffic on the Agru GeoClay™, installation may be accomplished by unrolling the GCL in front of a vehicle moving backwards. Any rutting or other damage to the subgrade must be repaired prior to the continued placement of the GCL or other material. Alternately if sufficient access is available, Agru GeoClay™ may be deployed by suspending the roll from a spreader bar at the top of the slope and using a group of laborers and equipment to spool the material off of the roll and pull it down the slope.

Regardless of the deployment method care must be taken to minimize the extent to which the roll is dragged across the subgrade or other surface in order to prevent damage to the GCL. Care must also be taken when adjusting the GCL panels to avoid damage to the geotextile surface by the subgrade or another adjacent geosynthetic material such as a textured geomembrane. A temporary geosynthetic/geomembrane sheet, commonly known as a slip sheet or rub sheet, may be used to prevent or reduce friction damage during placement.

The GCL should always be deployed/placed so that longitudinal seams are parallel to the direction of the slope. End-of-panel or butt seams should also be located a minimum of 3' (1 m) from the toe and crest of any slopes steeper than 4H:1V. Butt seams on slopes should be used only if the liner is not expected to be in tension and interface friction testing confirms this.

All Agru GeoClay™ panels should be placed to lie flat, with no wrinkles or folds, especially at the exposed edges of the panels.

Several General rules for the deployment of Agru GeoClay™ in order to prevent premature hydration are as follow:

- Never install in standing water or during rainy weather.
- Only deploy as much Agru GeoClay™ as can be covered at the end of the working day with soil, geomembrane, or a temporary waterproof tarpaulin, and
- Agru GeoClay™ should not be left uncovered ovemight.

If Agru GeoClay™ is allowed to hydrate when no confining stress is present, it may be necessary to remove and replace the hydrated material. Agru recommends that premature hydration be evaluated on a case-by-case basis. The project engineer or CQA inspector should be consulted for specific guidance if premature hydration occurs. The type of GCL, duration of exposure, degree of hydration, location in the liner system, and expected bearing loads should be considered. In many instances, a needlepunched reinforced GCL may not require removal/replacement if the following are true:

(1) the geotextiles have not been separated, tom or otherwise damaged;
(2) there is no evidence that the needlepunching between the two geotextiles has been compromised;
(3) the GCL does not leave deep indentations when stepped upon; and
(4) any overlapped seams with bentonite enhancement (see Section 7) are intact.

5.02 Anchorage

The end(s) of the roll may require placement in an anchor trench at the top of a berm or slope. The front edge of this anchor trench should be rounded to eliminate any sharp corners or protrusions which may cause excessive stress on the GCL. Loose soil should be removed or compacted into the floor of the trench prior to placement of the GCL.

The GCL should be placed in the anchor trench such that it covers the entire trench floor but does not extend up the rear trench wall.

To complete the anchor trench, soil backfill should be placed in the trench to provide resistance against pullout. The size and shape of the trench, as well as the appropriate backfill procedures, should be in accordance with the project drawings and specifications.

Sufficient anchorage may alternately be obtained by extending the end(s) of the Agru GeoClay™ rolls beyond the crest of the slope a prescribed distance and covering with soil. The length of this "run out" anchor, as well as the amount of cover soil, should be in accordance with any project drawings and specifications.

5.03 Seaming

Agru GeoClay™ seams are constructed by overlapping adjacent panel edges and ends. Care should be taken to ensure that the overlap zone is not contaminated with loose soil or other debris. For pond applications, supplemental bentonite must be used in longitudinal seams regardless of the specific Agru GeoClay™ GCL used.

Longitudinal seams should be overlapped a minimum of 6" (150mm). For high-head applications (greater than 1' or 30.48 cm), a minimum longitudinal seam overlap of 12" (300 mm) and supplemental bentonite is recommended. Butt seams should be overlapped 24 inches (600mm).

Butt seams are constructed such that they are shingled in the direction of the grade to prevent runoff from entering the overlap zone. Butt seams on slopes are permissible, provided adequate slope stability analysis has been conducted (i.e., the GCL is not expected to be in tension). Bentonite-enhancement is required for all butt seams.

Bentonite-enhanced butt seams are constructed first by overlapping the adjacent panels, exposing the underlying panel, and then applying a continuous bead or fillet of granular sodium bentonite 12" (300mm) from the edge of the underlying panel. The minimum application rate at which the bentonite is applied is one-quarter pound per linear foot (0.4 kg/m).

If bentonite enhancement is required for longitudinal seams are required, they are constructed by first overlapping the adjacent panels by a minimum 6" (150 mm), exposing the underlying edge, and applying a continuous bead of granular bentonite approximately 3" (75 mm) from the edge. For pond

applications, longitudinal seams are constructed by overlapping adjacent panels by 12" (300 mm), exposing the underlying edge and applying a continuous bead of bentonite approximately 6" (150 mm) from the edge. The minimum application rate for the granular bentonite is one quarter pound per linear foot (0.4 kg/m).

5.04 Sealing around Penetrations and Structures

The Installation of Agru GeoClay™ around structures or penetrations should be in accordance with the project drawings and specifications. Agru GeoClay may be secured to structures through the use of mechanical fasteners, clamps, batten bars, or other methods. The Agru GeoClay™ should be sealed around any penetrations, structures embedded in the subgrade, and/or other appurtenances by liberally using granular bentonite (approx. 2 lb/ln ft. or 3 kg/m) to seal the GCL to these structures.

When Agru GeoClay™ is placed over a penetration (pipe, piling, or other appurtenance), a "notch" should be excavated into the subgrade around the penetration to a depth of approximately 4" (100mm) and at a width of approximately 3" (75mm) around the entire structure. The notch should then be filled with granular bentonite. A secondary GCL collar fabricated from Agru GeoClay™ should then be placed around the penetration. It is usually helpful to first trace the outline of the penetration on the GCL and then cut a star-shaped pattern in the collar to enhance the collar's fit to the penetration. The GCL collar should extend a minimum of 12" (300mm) from the structure in all directions. Granular bentonite should be placed between the primary GCL and the secondary GCL collar as well as in in minor gaps or voids that may exist around the interface with the structure.

When Agru GeoClay™ is terminated at a structure that is embedded into the subgrade on the containment area floor, the subgrade should be notched as described previously. The notch is filled with granular bentonite, and the GCL should be placed over the notch and up against the structure. Connection to the structure can be accomplished through the placement of soil or stone backfill in this area. Should the structure be located at the top of a slope, additional detailing may be required.

5.05 Damage Repair

If the Agru GeoClay™ is damaged (tom, punctured, perforated, etc.) during installation, it may be possible to repair it by cutting a patch of Agru GeoClay™ to cover the damaged area. Any damaged material should be brought to the attention of the Engineer in order to determine the extent of the

damage and any repairs which may be required.

If it is determined that the damaged roll is reparable, a patch of Agru GeoClay™ can be cut to cover the damaged area. The patch should be sized such that a minimum overlap of 12 inches (300 mm) is achieved around all parts of the damaged area. Granular bentonite should be liberally applied around the damaged area prior to placement of the patch.

Depending on site conditions, it may be necessary to use an adhesive such as wood glue to affix the patch in place to prevent displacement during cover placement. Smaller patches may be tucked under the damaged area to prevent patch movement.

PART 6 – Cover Placement

6.01 General Cover Information

Only as much GCL shall be deployed as can be covered by the end of the working day with soil, geomembrane, or a temporary waterproof tarpaulin. The GCL shall not be left uncovered overnight. As previously noted, if the GCL is hydrated in the absence of confining stress, it may be necessary to remove and replace the hydrated material.

6.02 Soil Cover Requirements

The required thickness of soil cover over Agru GeoClay™ varies with the application. However, a minimum of 1' (300 mm) of cover is typically required to provide the appropriate confining stress to the GCL, thereby eliminating the potential for seam separation and preventing potential damage of exposed or inadequately covered material.

Any soils (including cover soils) used in direct contact with the GCL should be free of angular stones or other foreign matter that could damage the material. In addition, any cover soils should be approved by the Engineer with respect to particle size, uniformity, and chemical compatibility. Consult with the Engineer and Agru if cover soils containing high concentrations of calcium (e.g., limestone, dolomite, gypsum, seashell fragments) are present.

Cover soils with a particle size distribution ranging between fines and 1 inch (25 mm) are recommended for direct placement on the GCL, unless a cushioning geotextile is utilized.

6.03 Cover Placement

Soil cover shall be placed over the GCL only using construction equipment that minimizes stresses on the GCL. A minimum thickness of 1' (300 mm) of cover material should be maintained between any equipment tires/tracks and the Agru GeoClay at all times. In areas of high-traffic or roadways, a minimum thickness of 2 feet (600 mm) is required.

Soil cover should be placed in a manner that prevents the soil from entering the GCL seams. Soil cover should always be pushed up slopes, not down slopes, to minimize tensile forces on the GCL.

When a geomembrane liner is being placed over the GCL, the leading edge of the GCL should be folded and tucked under the geomembrane so that the leading edge of the geomembrane extends a minimum of 2' (600mm) beyond the GCL. Sand bags or other suitable ballast should

be used to secure the edge of the geomembrane against wind uplift or storm water runoff.

When a textured geomembrane is installed over the GCL, a temporary geosynthetic covering commonly referred to as a slip sheet or rub sheet should be used to minimize friction during placement and to allow the textured geomembrane to be more easily moved into its final position.

Cyclical wetting and drying of Agru GeoClay™ covered only with geomembrane may cause overlap separation. Therefore, soil cover should be placed promptly whenever possible. Geomembranes should be covered with a white geotextile and/or operations layer without delay to minimize the intensity of wet-dry cycling. If there is the potential for unconfined cyclic wetting and drying over an extended period of time, the longitudinal seam overlaps should be increased based on the project engineer's recommendations.

To avoid potential seam separation, the GCL should not be placed in tension by the weight or movement of a textured geomembrane on steep slopes. In the event that there is the potential for expansion and contraction of an unconfined geomembrane over an extended period of time, the longitudinal seam overlaps should be increased based upon the project engineer's recommendations.

PART 7 - Hydration

7.01 Hydration Methods

Ultimately, hydration of the Agru GeoClay™ will be required in order for the material to perform properly as a barrier layer. It is very important to note that this hydration must occur in the presence of a confining stress. The confining stress is most often provided through the use of a minimum of 12" (300mm) of cover soil.

Hydration is typically accomplished naturally by rainfall and/or the absorption of moisture from soil. However, in cases where the containment of non-aqueous liquid is required, it may be necessary to manually hydrate the covered GCL prior to use. If such manual hydration is necessary, water may be introduced to the GCL by flooding the covered lined area or by using a sprinkler system, irrigation system or other method of applying the water for hydration.

7.02 Premature Hydration

In the event that the Agru GeoClay™ is hydrated in the absence of confining stress, it may be necessary to remove and replace the improperly hydrated material. However, as discussed earlier in Part 5, a reinforced GCL may not require removal/replacement if the following are true:

- The GCL's component geotextiles have not been torn, separated, or otherwise compromised/damaged;
- There is no physical evidence that the needle punching between the two geotextiles has been compromised;
- The GCL does not exhibit deep indentations from being walked upon or from other pressures that may have been applied, and
- The overlapped seams with bentonite enhancement remain intact.

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APPENDIX O5

GCL Manufacturer's Certifications and Test Data

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GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
NN66-7S

Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
1 .	G14G044055	15.5	200	3100	1119000373	2023157808	10.3	64.0	0.805	9.5	14.0	29	8.3	2973	900758485A	1.8E-9	4.2E-9
2 .	G14G052014	15.5	200	3100	1119000344	2023157806	8.9	52.0	0.796	10.1	12.8	31	9.0	2587	900496174A	3.9E-9	9.5E-9
3 .	G14G063090	15.5	200	3100	1119000408	2023157785	6	64.6	0.860	10.0	13.1	26	9.7	3140	900496175A	1.6E-9	3.7E-9
4 .	G14G084076	15.5	125	1937.5	1119002588	2023157773	12.1	53.0	0.814	10.2	11.4	31	8.1	1839	900551400B	2.2E-9	5.4E-9
5 .	G14G111008	15.5	150	2325	1119002572	2023175214	12.3	61.4	0.835	9.5	14.1	27	9.0	2385	900540188A	5.0E-10	1.6E-9
6 .	G14G111021	15.5	150	2325	1119002570	2023168983	11.5	61.4	0.863	9.5	13.2	30	8.5	2353	900540188B	5.0E-10	1.6E-9
7 .	G14G112070	15.5	150	2325	1139004239	2023168988	11.0	63.7	0.890	10.1	13.5	30	8.9	2360	900551406A	5.0E-10	1.6E-9
8 .	G15G134265	15.5	150	2325	1131101608	2023769641	4.4	80.5	0.793	9.4	16.8	28	9.1	2433	902216183A	2.7E-9	4.3E-9
9 .	G14G143095	15.5	142	2201	1139005055	2023157838	11.4	69.2	0.804	9.8	14.8	29	9.0	2450	901122201A	2.5E-9	5.2E-9
10 .	G15G165393	15.5	150	2325	1131101629	2023776110	3.9	55.3	0.751	12.5	15.2	27	9.2	2449	902242009B	3.3E-9	7.0E-9
11 .	G15G201022	15.5	150	2325	1131105287	2023911397	4.7	69.6	0.761	10.1	17.2	25	9.6	2621	902319672A	5.0E-9	9.0E-9
12 .	G15G203158	15.5	150	2325	1131105312	2023859130	4.6	67.4	0.901	9.2	17.2	25	8.8	2619	902333319B	5.0E-9	9.0E-9
13 .	G15G204218	15.5	150	2325	1131105237	2023859125	6.1	67.4	0.921	10.6	16.4	25	9.4	2880	902292777A	5.0E-9	9.0E-9
14 .	G14G295167	15.5	100	1550	1139004263	2023231202	12.6	86.7	0.798	11.2	14.8	31	7.9	2898	901484491A	2.2E-9	5.6E-9
15 .	G14G294160	15.5	119	1844.5	1139004297	2023231202	15.1	86.7	0.798	11.2	11.6	31	9.1	1994	900563497B	2.2E-9	5.6E-9
16 .	G14G325269	15.5	150	2325	1139010579	2023240278	5.8	57.2	0.899	9.6	14.8	29	8.6	2489	901472104A	2.2E-9	5.6E-9
17 .	G14G442133	15.5	150	2325	1139013731	2023625659	9.0	75.35	0.943	10.0	16.0	28	9.1	2913	901647323B	2..4E-9	6.6E-9
18 .	G14G442103	15.5	150	2325	1139012520	2023596554	8.6	75.4	0.774	12.3	16.0	28	9.1	2360	901647323B	2..4E-9	6.6E-9
19 .	G14G442126	15.5	150	2325	1139013731	2023625659	8.7	75.4	0.939	10.2	16.0	28	9.1	2702	901647323B	2..4E-9	6.6E-9
20 .	G14G442134	15.5	150	2325	1139013727	2023623148	9.0	75.4	0.943	10.0	16.0	28	9.1	2896	901647323B	2..4E-9	6.6E-9
21 .	G14G442135	15.5	150	2325	1139013727	2023623148	9.0	75.4	0.943	10.0	16.0	28	9.1	3019	901647323B	2..4E-9	6.6E-9
22 .	G14G442138	15.5	150	2325	1139013727	2023623148	8.6	75.4	0.943	10.0	16.0	28	9.1	2933	901647323B	2..4E-9	6.6E-9
23 .	G14G443164	15.5	150	2325	1139012490	2023606647	11.4	75.4	0.751	10.9	16.0	28	9.1	2285	901647323A	2..4E-9	6.6E-9
24 .	G15G241063	15.5	150	2325	2023973165	2023937331	11.4	65.2	0.824	10.9	14.0	29	10.6	2685	902162485A	4.3E-9	8.6E-9
25 .	G15G241064	15.5	150	2325	2023973165	2023937331	11.4	65.2	0.824	10.9	14.0	29	10.6	2692	902162485A	4.3E-9	8.6E-9
26 .	G15G245194	15.5	150	2325	1131105828	2023937304	5.6	61.0	0.778	9.4	16.4	26	9.1	2600	902417334A	4.3E-9	8.6E-9
27 .	G15G271042	15.5	150	2325	2023898189	2024022129	9.3	53.4	0.876	11.0	16.0	25	9.2	2651	902425039A	4.3E-9	8.5E-9
28 .	G15G302146	15.5	125	1937.5	1131107900	2023969911	5.5	69.3	0.955	9.6	14.6	30	9.6	2218	902448949A	2.9E-9	5.1E-9
29 .	G15G336422	15.5	150	2325	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	26	9.3	2732	902500214A	2.3E-9	4.9E-9
30 .	G15G336421	15.5	111	1720.5	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	26	9.3	1822	902500214A	2.3E-9	4.9E-9
31 .	G15G336423	15.5	150	2325	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2784	902500214B	2.3E-9	4.9E-9
32 .	G15G336426	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2685	902500214B	2.3E-9	4.9E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S

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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
33 .	G15G336428	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2725	902500214B	2.3E-9	4.9E-9
34 .	G15G336429	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2787	902500214B	2.3E-9	4.9E-9
35 .	G15G341029	15.5	150	2325	2023898183	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2581	902500214B	2.4E-9	4.8E-9
36 .	G15G341030	15.5	150	2325	2023898183	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2556	902500214B	2.4E-9	4.8E-9
37 .	G15G341031	15.5	150	2325	2024125619	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2535	902500214B	2.4E-9	4.8E-9
38 .	G15G374178	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2698	902624683A	1.3E-9	2.8E-9
39 .	G15G374179	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2767	902624683A	1.3E-9	2.8E-9
40 .	G15G374180	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2740	902624683A	1.3E-9	2.8E-9
41 .	G15G374181	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2766	902624683A	1.3E-9	2.8E-9
42 .	G15G374182	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2771	902624683A	1.3E-9	2.8E-9
43 .	G15G374183	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2780	902624683A	1.3E-9	2.8E-9
44 .	G15G374184	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2781	902624683A	1.3E-9	2.8E-9
45 .	G15G374185	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2785	902624683A	1.3E-9	2.8E-9
46 .	G15G374186	15.5	150	2325	1131110002	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2712	902624683A	1.3E-9	2.8E-9
47 .	G15G374187	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2754	902624683A	1.3E-9	2.8E-9
48 .	G15G374188	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2744	902624683A	1.3E-9	2.8E-9
49 .	G15G374189	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2711	902624683A	1.3E-9	2.8E-9
50 .	G15G374190	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2740	902624683A	1.3E-9	2.8E-9
51 .	G15G374191	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2741	902624683A	1.3E-9	2.8E-9
52 .	G15G374192	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2725	902624683A	1.3E-9	2.8E-9
53 .	G15G374193	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2917	902624683A	1.3E-9	2.8E-9
54 .	G15G374194	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2913	902624683A	1.3E-9	2.8E-9
55 .	G15G374195	15.5	150	2325	1131110066	2024129538	7.1	70.6	0.980	11.1	11.6	30	9.3	2812	902624683A	1.3E-9	2.8E-9
56 .	G15G374196	15.5	150	2325	1131110066	2024129538	7.1	70.6	0.980	11.1	11.6	30	9.3	2783	902624683A	1.3E-9	2.8E-9
57 .	G15G374197	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	2778	902624683A	1.3E-9	2.8E-9
58 .	G15G374198	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	2834	902624683A	1.3E-9	2.8E-9
59 .	G15G374199	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3062	902624683A	1.3E-9	2.8E-9
60 .	G15G374200	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3079	902624683A	1.3E-9	2.8E-9
61 .	G15G374201	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3090	902624683A	1.3E-9	2.8E-9
62 .	G15G374202	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3041	902624683A	1.3E-9	2.8E-9
63 .	G15G375203	15.5	150	2325	1131110066	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2863	902624683A	1.3E-9	2.8E-9
64 .	G15G375204	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2916	902624683A	1.3E-9	2.8E-9

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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
65 .	G15G375205	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2960	902624683A	1.3E-9	2.8E-9
66 .	G15G375206	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2974	902624683A	1.3E-9	2.8E-9
67 .	G15G375207	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2937	902624683A	1.3E-9	2.8E-9
68 .	G15G375208	15.5	150	2325	1131110063	2024129538	4.6	62.1	1.088	9.5	11.6	30	9.3	2901	902624683A	1.3E-9	2.8E-9
69 .	G15G375209	15.5	150	2325	1131110063	2024129538	4.6	62.1	1.088	9.5	11.6	30	9.3	2922	902624683A	1.3E-9	2.8E-9
70 .	G15G375210	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.5	11.6	30	9.3	2852	902624683A	1.3E-9	2.8E-9
71 .	G15G375211	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2781	902624683B	1.3E-9	2.8E-9
72 .	G15G375212	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2740	902624683B	1.3E-9	2.8E-9
73 .	G15G375213	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2745	902624683B	1.3E-9	2.8E-9
74 .	G15G375214	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2719	902624683B	1.3E-9	2.8E-9
75 .	G15G375215	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2732	902624683B	1.3E-9	2.8E-9
76 .	G15G375216	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2705	902624683B	1.3E-9	2.8E-9
77 .	G15G375217	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2699	902624683B	1.3E-9	2.8E-9
78 .	G15G375218	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2660	902624683B	1.3E-9	2.8E-9
79 .	G15G375219	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2858	902624683B	1.3E-9	2.8E-9
80 .	G15G375220	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2709	902624683B	1.3E-9	2.8E-9
81 .	G15G375221	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2661	902624683B	1.3E-9	2.8E-9
82 .	G15G375222	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2713	902624683B	1.3E-9	2.8E-9
83 .	G15G375223	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2683	902624683B	1.3E-9	2.8E-9
84 .	G15G375224	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2726	902624683B	1.3E-9	2.8E-9
85 .	G15G375225	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2714	902624683B	1.3E-9	2.8E-9
86 .	G15G375226	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2706	902624683B	1.3E-9	2.8E-9
87 .	G15G375227	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2691	902624683B	1.3E-9	2.8E-9
88 .	G15G375228	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2753	902624683B	1.3E-9	2.8E-9
89 .	G15G375229	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2678	902624683B	1.3E-9	2.8E-9
90 .	G15G375230	15.5	150	2325	1131110062	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2648	902624683B	1.3E-9	2.8E-9
91 .	G15G375231	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2600	902624683B	1.3E-9	2.8E-9
92 .	G15G375232	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2581	902624683B	1.3E-9	2.8E-9
93 .	G15G375233	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2696	902624683B	1.3E-9	2.8E-9
94 .	G15G375234	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2701	902624683B	1.3E-9	2.8E-9
95 .	G15G375235	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2697	902624683B	1.3E-9	2.8E-9
96 .	G15G375236	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2687	902624683B	1.3E-9	2.8E-9

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		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
97 .	G15G375237	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2685	902624683B	1.3E-9	2.8E-9
98 .	G15G375238	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2652	902624683B	1.3E-9	2.8E-9
99 .	G15G375239	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2655	902624683B	1.3E-9	2.8E-9
100 .	G15G375240	15.5	150	2325	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	2664	902624683B	1.3E-9	2.8E-9
101 .	G15G375241	15.5	125	1937.5	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	1583	902624683B	1.3E-9	2.8E-9
102 .	G15G375242	15.5	150	2325	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	2645	902624683B	1.3E-9	2.8E-9
103 .	G15G375243	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2660	902624683B	1.3E-9	2.8E-9
104 .	G15G375244	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2701	902624683B	1.3E-9	2.8E-9
105 .	G15G375245	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2711	902624683B	1.3E-9	2.8E-9
106 .	G15G375246	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2691	902624683B	1.3E-9	2.8E-9
107 .	G15G375247	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2706	902624683B	1.3E-9	2.8E-9
108 .	G15G375248	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2693	902624683B	1.3E-9	2.8E-9
109 .	G15G375249	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2640	902624683B	1.3E-9	2.8E-9
110 .	G15G375250	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2635	902624683B	1.3E-9	2.8E-9
111 .	G15G375251	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2711	902624683B	1.3E-9	2.8E-9
112 .	G15G375252	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2699	902624683B	1.3E-9	2.8E-9
113 .	G15G375253	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2713	902624683B	1.3E-9	2.8E-9
114 .	G15G375254	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2703	902624683B	1.3E-9	2.8E-9
115 .	G15G375255	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2716	902624683B	1.3E-9	2.8E-9
116 .	G15G375256	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2686	902624683B	1.3E-9	2.8E-9
117 .	G15G375257	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2624	902624683B	1.3E-9	2.8E-9
118 .	G15G375259	15.5	150	2325	1131110014	2024123516	7.0	64.1	0.875	9.0	13.2	30	8.6	2668	902624683B	1.3E-9	2.8E-9
119 .	G15G375260	15.5	150	2325	1131110014	2024123516	7.0	64.1	0.875	9.0	13.2	30	8.6	2632	902624683B	1.3E-9	2.8E-9
120 .	G15G375261	15.5	150	2325	1131109995	2024123516	7.0	64.1	0.875	9.0	12.4	30	9.3	2657	902448952A	1.3E-9	2.8E-9
121 .	G15G375262	15.5	150	2325	1131109995	2024123516	7.0	64.1	0.875	9.0	12.4	30	9.3	2652	902448952A	1.3E-9	2.8E-9
122 .	G15G375263	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2577	902448952A	1.3E-9	2.8E-9
123 .	G15G375264	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2585	902448952A	1.3E-9	2.8E-9
124 .	G15G375265	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2424	902448952A	1.3E-9	2.8E-9
125 .	G15G375266	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2482	902448952A	1.3E-9	2.8E-9
126 .	G15G375267	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2625	902448952A	1.3E-9	2.8E-9
127 .	G15G375268	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2616	902448952A	1.3E-9	2.8E-9
128 .	G15G375269	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2596	902448952A	1.3E-9	2.8E-9

GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
NN66-7S

Quality Control Manager

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
129 .	G15G375270	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2606	902448952A	1.3E-9	2.8E-9
130 .	G15G375271	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2621	902448952A	1.3E-9	2.8E-9
131 .	G15G375272	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2578	902448952A	1.3E-9	2.8E-9
132 .	G15G375273	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2519	902448952A	1.3E-9	2.8E-9
133 .	G15G375274	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2431	902448952A	1.3E-9	2.8E-9
134 .	G15G375275	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2410	902448952A	1.3E-9	2.8E-9
135 .	G15G375276	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2485	902448952A	1.3E-9	2.8E-9
136 .	G15G375277	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2478	902448952A	1.3E-9	2.8E-9
137 .	G15G375278	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2488	902448952A	1.3E-9	2.8E-9
138 .	G15G375279	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2522	902448952A	1.3E-9	2.8E-9
139 .	G15G376280	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2518	902448952A	1.3E-9	2.8E-9
140 .	G15G376281	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2520	902448952A	1.3E-9	2.8E-9
141 .	G15G376282	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2528	902448952A	1.3E-9	2.8E-9
142 .	G15G376283	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2530	902448952A	1.3E-9	2.8E-9
143 .	G15G376284	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2457	902448952A	1.3E-9	2.8E-9
144 .	G15G376285	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2537	902448952A	1.3E-9	2.8E-9
145 .	G15G376286	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2544	902448952A	1.3E-9	2.8E-9
146 .	G15G376287	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2534	902448952A	1.3E-9	2.8E-9
147 .	G15G376288	15.5	150	2325	1131109990	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2507	902448952A	1.3E-9	2.8E-9
148 .	G15G376289	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2504	902448952A	1.3E-9	2.8E-9
149 .	G15G376290	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2525	902448952A	1.3E-9	2.8E-9
150 .	G15G376291	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2787	902448952A	1.3E-9	2.8E-9
151 .	G15G376292	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2510	902448952A	1.3E-9	2.8E-9
152 .	G15G376293	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2592	902448952A	1.3E-9	2.8E-9
153 .	G15G376294	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2526	902448952A	1.3E-9	2.8E-9
154 .	G15G376295	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2559	902448952A	1.3E-9	2.8E-9
155 .	G15G376296	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2570	902448952A	1.3E-9	2.8E-9
156 .	G15G376297	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2570	902448952A	1.3E-9	2.8E-9
157 .	G15G376298	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2528	902448952A	1.3E-9	2.8E-9
158 .	G15G376299	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2250	902448952A	1.3E-9	2.8E-9
159 .	G15G376300	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2631	902448952A	1.3E-9	2.8E-9
160 .	G15G376301	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2608	902448952A	1.3E-9	2.8E-9

GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
NN66-7S

Quality Control Manager

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
161 .	G15G376302	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2619	902448952A	1.3E-9	2.8E-9
162 .	G15G376303	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2637	902448952A	1.3E-9	2.8E-9
163 .	G15G376304	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2641	902448952A	1.3E-9	2.8E-9
164 .	G15G376305	15.5	150	2325	1131109998	2024095043	11.0	78.9	0.825	11.9	12.4	30	9.3	2703	902448952A	1.3E-9	2.8E-9
165 .	G15G376306	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2677	902448952A	1.3E-9	2.8E-9
166 .	G15G376307	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2757	902448952A	1.3E-9	2.8E-9
167 .	G15G376308	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2788	902448952A	1.3E-9	2.8E-9
168 .	G15G376309	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2767	902448952B	1.3E-9	2.8E-9
169 .	G15G376310	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2808	902448952B	1.3E-9	2.8E-9
170 .	G15G376311	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2818	902448952B	1.3E-9	2.8E-9
171 .	G15G376312	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2748	902448952B	1.3E-9	2.8E-9
172 .	G15G376313	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2755	902448952B	1.3E-9	2.8E-9
173 .	G15G376314	15.5	150	2325	1131109984	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2787	902448952B	1.3E-9	2.8E-9
174 .	G15G376315	15.5	150	2325	1131109984	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2828	902448952B	1.3E-9	2.8E-9
175 .	G15G376316	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2643	902448952B	1.3E-9	2.8E-9
176 .	G15G376317	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2698	902448952B	1.3E-9	2.8E-9
177 .	G15G376318	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2658	902448952B	1.3E-9	2.8E-9
178 .	G15G376319	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2655	902448952B	1.3E-9	2.8E-9
179 .	G15G376320	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2612	902448952B	1.3E-9	2.8E-9
180 .	G15G376321	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2586	902448952B	1.3E-9	2.8E-9
181 .	G15G376322	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2587	902448952B	1.3E-9	2.8E-9
182 .	G15G376323	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2552	902448952B	1.3E-9	2.8E-9
183 .	G15G376324	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2582	902448952B	1.3E-9	2.8E-9
184 .	G15G376325	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2568	902448952B	1.3E-9	2.8E-9
185 .	G15G376326	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2583	902448952B	1.3E-9	2.8E-9
186 .	G15G376327	15.5	150	2325	1131110067	2024095043	6.9	69.4	0.843	10.8	12.4	30	9.5	2533	902448952B	1.3E-9	2.8E-9
187 .	G15G376328	15.5	150	2325	1131110067	2024095043	6.9	69.4	0.843	10.8	12.4	30	9.5	2491	902448952B	1.3E-9	2.8E-9
188 .	G15G376329	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2509	902448952B	1.3E-9	2.8E-9
189 .	G15G376330	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2537	902448952B	1.3E-9	2.8E-9
190 .	G15G376331	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2511	902448952B	1.3E-9	2.8E-9
191 .	G15G376332	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2555	902448952B	1.3E-9	2.8E-9
192 .	G15G376333	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2517	902448952B	1.3E-9	2.8E-9

GCL Quality Certification

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					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
193 .	G15G376334	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2521	902448952B	1.3E-9	2.8E-9
194 .	G15G376335	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2504	902448952B	1.3E-9	2.8E-9
195 .	G15G376336	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2537	902448952B	1.3E-9	2.8E-9
196 .	G15G376337	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2465	902448952B	1.3E-9	2.8E-9
197 .	G15G376338	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2498	902448952B	1.3E-9	2.8E-9
198 .	G15G376339	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2536	902448952B	1.3E-9	2.8E-9
199 .	G15G376340	15.5	150	2325	1131109983	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2571	902448952B	1.3E-9	2.8E-9
200 .	G15G376341	15.5	150	2325	1131109983	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2520	902448952B	1.3E-9	2.8E-9
201 .	G15G381001	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2517	902552873A	2.3E-9	5.1E-9
202 .	G15G381002	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2699	902552873A	2.3E-9	5.1E-9
203 .	G15G381003	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2785	902552873A	2.3E-9	5.1E-9
204 .	G15G381004	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2710	902552873A	2.3E-9	5.1E-9
205 .	G15G381005	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2719	902552873A	2.3E-9	5.1E-9
206 .	G15G381006	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2702	902552873A	2.3E-9	5.1E-9
207 .	G15G381007	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2685	902552873A	2.3E-9	5.1E-9
208 .	G15G381008	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2649	902552873A	2.3E-9	5.1E-9
209 .	G15G381009	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2725	902552873A	2.3E-9	5.1E-9
210 .	G15G381010	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2740	902552873A	2.3E-9	5.1E-9
211 .	G15G381011	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2765	902552873A	2.3E-9	5.1E-9
212 .	G15G381012	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2782	902552873A	2.3E-9	5.1E-9
213 .	G15G381013	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2775	902552873A	2.3E-9	5.1E-9
214 .	G15G381014	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2775	902552873A	2.3E-9	5.1E-9
215 .	G15G381015	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2766	902552873A	2.3E-9	5.1E-9
216 .	G15G381016	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2736	902552873A	2.3E-9	5.1E-9
217 .	G15G381017	15.5	150	2325	1131110005	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2708	902552873A	2.3E-9	5.1E-9
218 .	G15G381018	15.5	150	2325	1131110005	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2712	902552873A	2.3E-9	5.1E-9
219 .	G15G381019	15.5	150	2325	1131110005	2024130961	6.8	76.9	0.904	11.1	13.6	30	7.9	2664	902552873A	2.3E-9	5.1E-9
220 .	G15G381020	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2778	902552873A	2.3E-9	5.1E-9
221 .	G15G381021	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2828	902552873A	2.3E-9	5.1E-9
222 .	G15G381022	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2884	902552873A	2.3E-9	5.1E-9
223 .	G15G381023	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2925	902552873A	2.3E-9	5.1E-9
224 .	G15G381024	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2973	902552873A	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
225 .	G15G381025	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2956	902552873A	2.3E-9	5.1E-9
226 .	G15G381026	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2927	902552873A	2.3E-9	5.1E-9
227 .	G15G381027	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2856	902552873A	2.3E-9	5.1E-9
228 .	G15G381028	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2815	902552873A	2.3E-9	5.1E-9
229 .	G15G381029	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2672	902552873A	2.3E-9	5.1E-9
230 .	G15G381030	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2644	902552873A	2.3E-9	5.1E-9
231 .	G15G381031	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2616	902552873A	2.3E-9	5.1E-9
232 .	G15G381032	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2580	902552873A	2.3E-9	5.1E-9
233 .	G15G381033	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2585	902552873A	2.3E-9	5.1E-9
234 .	G15G381034	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2614	902552873A	2.3E-9	5.1E-9
235 .	G15G381035	15.5	150	2325	1131109966	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2602	902552873A	2.3E-9	5.1E-9
236 .	G15G381036	15.5	150	2325	1131109966	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2591	902552873A	2.3E-9	5.1E-9
237 .	G15G381037	15.5	150	2325	1131109966	2024130963	6.3	76.9	0.970	9.0	13.6	30	7.9	2612	902552873A	2.3E-9	5.1E-9
238 .	G15G381038	15.5	150	2325	1131109966	2024130963	6.3	76.9	0.970	9.0	13.6	30	7.9	2605	902552873A	2.3E-9	5.1E-9
239 .	G15G381039	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2590	902552873A	2.3E-9	5.1E-9
240 .	G15G381040	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2570	902552873A	2.3E-9	5.1E-9
241 .	G15G381041	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2611	902552873A	2.3E-9	5.1E-9
242 .	G15G381042	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2600	902552873A	2.3E-9	5.1E-9
243 .	G15G381043	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2610	902552873A	2.3E-9	5.1E-9
244 .	G15G381044	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2585	902552873A	2.3E-9	5.1E-9
245 .	G15G381045	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2578	902552873A	2.3E-9	5.1E-9
246 .	G15G381046	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2525	902552873A	2.3E-9	5.1E-9
247 .	G15G381047	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2496	902552873A	2.3E-9	5.1E-9
248 .	G15G381048	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2477	902552873A	2.3E-9	5.1E-9
249 .	G15G381049	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2536	902552873B	2.3E-9	5.1E-9
250 .	G15G381050	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2520	902552873B	2.3E-9	5.1E-9
251 .	G15G381051	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2457	902552873B	2.3E-9	5.1E-9
252 .	G15G381052	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2500	902552873B	2.3E-9	5.1E-9
253 .	G15G381053	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2509	902552873B	2.3E-9	5.1E-9
254 .	G15G381054	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2488	902552873B	2.3E-9	5.1E-9
255 .	G15G381055	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2442	902552873B	2.3E-9	5.1E-9
256 .	G15G381056	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2484	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
257	G15G381057	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2440	902552873B	2.3E-9	5.1E-9
258	G15G381058	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2411	902552873B	2.3E-9	5.1E-9
259	G15G381059	15.5	150	2325	1131109992	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
260	G15G381060	15.5	150	2325	1131109992	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2418	902552873B	2.3E-9	5.1E-9
261	G15G381061	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2400	902552873B	2.3E-9	5.1E-9
262	G15G381062	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2367	902552873B	2.3E-9	5.1E-9
263	G15G381063	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2389	902552873B	2.3E-9	5.1E-9
264	G15G381064	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2394	902552873B	2.3E-9	5.1E-9
265	G15G381065	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2382	902552873B	2.3E-9	5.1E-9
266	G15G381066	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2481	902552873B	2.3E-9	5.1E-9
267	G15G381067	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2522	902552873B	2.3E-9	5.1E-9
268	G15G381068	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2528	902552873B	2.3E-9	5.1E-9
269	G15G381069	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2521	902552873B	2.3E-9	5.1E-9
270	G15G381070	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2553	902552873B	2.3E-9	5.1E-9
271	G15G381071	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2551	902552873B	2.3E-9	5.1E-9
272	G15G381072	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2530	902552873B	2.3E-9	5.1E-9
273	G15G381073	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2488	902552873B	2.3E-9	5.1E-9
274	G15G381074	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2512	902552873B	2.3E-9	5.1E-9
275	G15G381075	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2548	902552873B	2.3E-9	5.1E-9
276	G15G381076	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2526	902552873B	2.3E-9	5.1E-9
277	G15G381077	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2584	902552873B	2.3E-9	5.1E-9
278	G15G381078	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2458	902552873B	2.3E-9	5.1E-9
279	G15G381079	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2561	902552873B	2.3E-9	5.1E-9
280	G15G381080	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2529	902552873B	2.3E-9	5.1E-9
281	G15G381081	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2582	902552873B	2.3E-9	5.1E-9
282	G15G381082	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2612	902552873B	2.3E-9	5.1E-9
283	G15G381083	15.5	150	2325	1131110041	2024123540	14.5	76.9	0.898	8.9	14.0	30	7.9	2556	902552873B	2.3E-9	5.1E-9
284	G15G381084	15.5	150	2325	1131109982	2024123540	14.5	76.9	0.898	8.9	14.0	30	7.9	2553	902552873B	2.3E-9	5.1E-9
285	G15G382085	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2559	902552873B	2.3E-9	5.1E-9
286	G15G382086	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2582	902552873B	2.3E-9	5.1E-9
287	G15G382087	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2613	902552873B	2.3E-9	5.1E-9
288	G15G382088	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2606	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
289 .	G15G382089	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2591	902552873B	2.3E-9	5.1E-9
290 .	G15G382090	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2601	902552873B	2.3E-9	5.1E-9
291 .	G15G382091	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2602	902552873B	2.3E-9	5.1E-9
292 .	G15G382092	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2596	902552873B	2.3E-9	5.1E-9
293 .	G15G382093	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2629	902552873B	2.3E-9	5.1E-9
294 .	G15G382094	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2550	902552873B	2.3E-9	5.1E-9
295 .	G15G382095	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2655	902552873B	2.3E-9	5.1E-9
296 .	G15G382096	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2654	902552873B	2.3E-9	5.1E-9
297 .	G15G382097	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2705	902552873B	2.3E-9	5.1E-9
298 .	G15G382098	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2743	902552873B	2.3E-9	5.1E-9
299 .	G15G382099	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2709	902552873B	2.3E-9	5.1E-9
300 .	G15G382100	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2685	902552873B	2.3E-9	5.1E-9
301 .	G15G382101	15.5	150	2325	1131109985	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2698	902552873B	2.3E-9	5.1E-9
302 .	G15G382102	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2785	902552873B	2.3E-9	5.1E-9
303 .	G15G382103	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2900	902552873B	2.3E-9	5.1E-9
304 .	G15G382104	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2870	902552873B	2.3E-9	5.1E-9
305 .	G15G382105	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2888	902552873B	2.3E-9	5.1E-9
306 .	G15G382106	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2885	902552873B	2.3E-9	5.1E-9
307 .	G15G382107	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2873	902552873B	2.3E-9	5.1E-9
308 .	G15G382108	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2971	902552873B	2.3E-9	5.1E-9
309 .	G15G382109	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2983	902552873B	2.3E-9	5.1E-9
310 .	G15G382110	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2699	902552873B	2.3E-9	5.1E-9
311 .	G15G382111	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2560	902552873B	2.3E-9	5.1E-9
312 .	G15G382112	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2576	902552873B	2.3E-9	5.1E-9
313 .	G15G382113	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2559	902552873B	2.3E-9	5.1E-9
314 .	G15G382114	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2519	902552873B	2.3E-9	5.1E-9
315 .	G15G382115	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2399	902552873B	2.3E-9	5.1E-9
316 .	G15G382116	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2519	902552873B	2.3E-9	5.1E-9
317 .	G15G382117	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2474	902552873B	2.3E-9	5.1E-9
318 .	G15G382118	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
319 .	G15G382119	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2460	902552873B	2.3E-9	5.1E-9
320 .	G15G382120	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2432	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
321 .	G15G382121	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2495	902552873B	2.3E-9	5.1E-9
322 .	G15G382122	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2492	902552873B	2.3E-9	5.1E-9
323 .	G15G382123	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2477	902552873B	2.3E-9	5.1E-9
324 .	G15G382124	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2499	902552873B	2.3E-9	5.1E-9
325 .	G15G382125	15.5	150	2325	1131109991	2024095048	7.0	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
326 .	G15G382126	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
327 .	G15G382127	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2450	902552873B	2.3E-9	5.1E-9
328 .	G15G382128	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2464	902552873B	2.3E-9	5.1E-9
329 .	G15G382129	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2462	902552873B	2.3E-9	5.1E-9
330 .	G15G382130	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2422	902552873B	2.3E-9	5.1E-9
331 .	G15G382131	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2490	902552873B	2.3E-9	5.1E-9
332 .	G15G382132	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2452	902552873B	2.3E-9	5.1E-9
333 .	G15G382133	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2464	902552873B	2.3E-9	5.1E-9
334 .	G15G382134	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2479	902552873B	2.3E-9	5.1E-9
335 .	G15G382135	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
336 .	G15G382136	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2465	902552873B	2.3E-9	5.1E-9
337 .	G15G382137	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2402	902552873B	2.3E-9	5.1E-9
338 .	G15G382138	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2420	902552873B	2.3E-9	5.1E-9
339 .	G15G382139	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
340 .	G15G382140	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	13.4	26	8.1	2352	902656291A	2.3E-9	5.1E-9
341 .	G15G382141	15.5	150	2325	1131109951	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2425	902656291A	2.3E-9	5.1E-9
342 .	G15G382142	15.5	150	2325	1131109951	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2467	902656291A	2.3E-9	5.1E-9
343 .	G15G382143	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2434	902656291A	2.3E-9	5.1E-9
344 .	G15G382144	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2470	902656291A	2.3E-9	5.1E-9
345 .	G15G382145	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2478	902656291A	2.3E-9	5.1E-9
346 .	G15G382146	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2466	902656291A	2.3E-9	5.1E-9
347 .	G15G382147	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2461	902656291A	2.3E-9	5.1E-9
348 .	G15G382148	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2474	902656291A	2.3E-9	5.1E-9
349 .	G15G382149	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2491	902656291A	2.3E-9	5.1E-9
350 .	G15G382150	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2477	902656291A	2.3E-9	5.1E-9
351 .	G15G382151	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2480	902656291B	2.3E-9	5.1E-9
352 .	G15G382152	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2483	902656291B	2.3E-9	5.1E-9

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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
353 .	G15G382153	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2490	902656291B	2.3E-9	5.1E-9
354 .	G15G382154	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2481	902656291B	2.3E-9	5.1E-9
355 .	G15G382155	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2503	902656291B	2.3E-9	5.1E-9
356 .	G15G382156	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2487	902656291B	2.3E-9	5.1E-9
357 .	G15G382157	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2526	902656291B	2.3E-9	5.1E-9
358 .	G15G383158	15.5	150	2325	1131109949	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2517	902656291B	2.3E-9	5.1E-9
359 .	G15G383159	15.5	150	2325	1131109949	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2526	902656291B	2.3E-9	5.1E-9
360 .	G15G383160	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2514	902656291B	2.3E-9	5.1E-9
361 .	G15G383161	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2496	902656291B	2.3E-9	5.1E-9
362 .	G15G383162	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2351	902656291B	2.3E-9	5.1E-9
363 .	G15G383163	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2419	902656291B	2.3E-9	5.1E-9
364 .	G15G383164	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2436	902656291B	2.3E-9	5.1E-9
365 .	G15G383165	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2434	902656291B	2.3E-9	5.1E-9
366 .	G15G383166	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2456	902656291B	2.3E-9	5.1E-9
367 .	G15G383167	15.5	150	2325	1131109971	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2472	902656291B	2.3E-9	5.1E-9
368 .	G15G383168	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2566	902656291B	2.3E-9	5.1E-9
369 .	G15G383169	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2542	902656291B	2.3E-9	5.1E-9
370 .	G15G383170	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2484	902656291B	2.3E-9	5.1E-9
371 .	G15G383171	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2469	902656291B	2.3E-9	5.1E-9
372 .	G15G383172	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2421	902656291B	2.3E-9	5.1E-9
373 .	G15G383173	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2431	902656291B	2.3E-9	5.1E-9
374 .	G15G383174	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2422	902656291B	2.3E-9	5.1E-9
375 .	G15G383175	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2396	902656291B	2.3E-9	5.1E-9
376 .	G15G383176	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2396	902656291B	2.3E-9	5.1E-9
377 .	G15G383177	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2445	902656291B	2.3E-9	5.1E-9
378 .	G15G383178	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2439	902656291B	2.3E-9	5.1E-9
379 .	G15G383179	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2501	902656291B	2.3E-9	5.1E-9
380 .	G15G383180	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2472	902656291B	2.3E-9	5.1E-9
381 .	G15G383181	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2480	902656291B	2.3E-9	5.1E-9
382 .	G15G383182	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2424	902656291B	2.3E-9	5.1E-9
383 .	G15G383183	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2402	902656291B	2.3E-9	5.1E-9
384 .	G15G383184	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2428	902656291B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S

Quality Control Manager

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Gcl bentonite mass per unit area value is measured at 0% moisture

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All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

added if completed

Reports Available Upon Req

	Roll #	Wid	Len	Area	GEOTEXTILE 6 OZ NW CAP ROLL #	GEOTEXTILE 6 OZ NW BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
385 .	G15G383185	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2347	902656291B	2.3E-9	5.1E-9
386 .	G15G383186	15.5	150	2325	1131109959	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2389	902656291B	2.3E-9	5.1E-9
387 .	G15G383187	15.5	150	2325	1131109959	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2378	902656291B	2.3E-9	5.1E-9
388 .	G15G383188	15.5	150	2325	1131109959	2024130952	5.6	72.3	0.831	9.0	13.2	26	7.6	2401	902656291B	2.3E-9	5.1E-9
389 .	G15G383189	15.5	150	2325	1131109959	2024130952	5.6	72.3	0.831	9.0	13.2	26	7.6	2416	902656291B	2.3E-9	5.1E-9
390 .	G15G383190	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2423	902656291B	2.3E-9	5.1E-9
391 .	G15G383191	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2488	902656291B	2.3E-9	5.1E-9
392 .	G15G383192	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2492	902656291B	2.3E-9	5.1E-9
393 .	G15G383193	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2474	902656291B	2.3E-9	5.1E-9
394 .	G15G383194	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2476	902656291B	2.3E-9	5.1E-9
395 .	G15G383195	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2488	902656291B	2.3E-9	5.1E-9
396 .	G15G383196	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2470	902656291B	2.3E-9	5.1E-9
397 .	G15G383197	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2476	902656291B	2.3E-9	5.1E-9
398 .	G15G383198	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2467	902656291B	2.3E-9	5.1E-9
399 .	G15G383199	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2490	902656291B	2.3E-9	5.1E-9
400 .	G15G383200	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2438	902656291B	2.3E-9	5.1E-9
401 .	G15G383201	15.5	150	2325	1131109965	2024130952	7.8	72.3	1.024	8.2	13.6	31	7.8	2283	902691039A	2.3E-9	5.1E-9
402 .	G15G383202	15.5	150	2325	1131109965	2024130952	7.8	72.3	1.024	8.2	13.6	31	7.8	2201	902691039A	2.3E-9	5.1E-9
403 .	G15G383203	15.5	150	2325	1131109988	2024098543	7.8	72.3	1.024	8.2	13.6	31	7.8	2219	902691039A	2.3E-9	5.1E-9
404 .	G15G383204	15.5	150	2325	1131109988	2024098543	7.8	72.3	1.024	8.2	13.6	31	7.8	2221	902691039A	2.3E-9	5.1E-9
405 .	G15G383205	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2281	902691039A	2.3E-9	5.1E-9
406 .	G15G383206	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2458	902691039A	2.3E-9	5.1E-9
407 .	G15G383207	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2433	902691039A	2.3E-9	5.1E-9
408 .	G15G383208	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2501	902691039A	2.3E-9	5.1E-9
409 .	G15G383209	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2497	902691039A	2.3E-9	5.1E-9
410 .	G15G383210	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2480	902691039A	2.3E-9	5.1E-9
411 .	G15G383211	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2525	902691039A	2.3E-9	5.1E-9
412 .	G15G383212	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2473	902691039A	2.3E-9	5.1E-9
413 .	G15G383213	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2608	902691039A	2.3E-9	5.1E-9
414 .	G15G383214	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2484	902691039A	2.3E-9	5.1E-9
415 .	G15G383215	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2582	902691039A	2.3E-9	5.1E-9
416 .	G15G383216	15.5	150	2325	1131109952	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2623	902691039A	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

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Gcl bentonite mass per unit area value is measured at 0% moisture

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
417 .	G15G383217	15.5	150	2325	1131109952	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2644	902691039A	2.3E-9	5.1E-9
418 .	G15G383218	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2659	902691039A	2.3E-9	5.1E-9
419 .	G15G383219	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2694	902691039A	2.3E-9	5.1E-9
420 .	G15G383220	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2723	902691039A	2.3E-9	5.1E-9
421 .	G15G383221	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2661	902691039A	2.3E-9	5.1E-9
422 .	G15G383222	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2676	902691039A	2.3E-9	5.1E-9
423 .	G15G383223	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2590	902691039A	2.3E-9	5.1E-9
424 .	G15G383224	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2667	902691039A	2.3E-9	5.1E-9
425 .	G15G383225	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2642	902691039A	2.3E-9	5.1E-9
426 .	G15G383226	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2726	902691039A	2.3E-9	5.1E-9
427 .	G15G383227	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2703	902691039A	2.3E-9	5.1E-9
428 .	G15G383228	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2761	902691039A	2.3E-9	5.1E-9
429 .	G15G383229	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2733	902691039A	2.3E-9	5.1E-9
430 .	G15G383230	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2697	902691039A	2.3E-9	5.1E-9
431 .	G15G383231	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2696	902691039A	2.3E-9	5.1E-9
432 .	G15G383232	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2703	902691039A	2.3E-9	5.1E-9
433 .	G15G383233	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2654	902691039A	2.3E-9	5.1E-9
434 .	G15G383234	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2689	902691039A	2.3E-9	5.1E-9
435 .	G15G383235	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2744	902691039A	2.3E-9	5.1E-9
436 .	G15G383236	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2785	902691039A	2.3E-9	5.1E-9
437 .	G15G383237	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2798	902691039A	2.3E-9	5.1E-9
438 .	G15G383238	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2788	902691039A	2.3E-9	5.1E-9
439 .	G15G383239	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2798	902691039A	2.3E-9	5.1E-9
440 .	G15G383240	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2753	902691039A	2.3E-9	5.1E-9
441 .	G15G383241	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2799	902691039A	2.3E-9	5.1E-9
442 .	G15G383242	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2789	902691039A	2.3E-9	5.1E-9
443 .	G15G383243	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2765	902691039A	2.3E-9	5.1E-9
444 .	G15G383244	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2689	902691039A	2.3E-9	5.1E-9
445 .	G15G383245	15.5	150	2325	1131109956	2024123518	6.8	66.1	0.906	8.8	13.6	31	7.8	2887	902691039A	2.3E-9	5.1E-9
446 .	G15G384246	15.5	150	2325	1131109956	2024123518	6.2	69.5	0.839	8.9	13.6	31	7.8	2694	902691039A	2.3E-9	5.1E-9
447 .	G15G384247	15.5	150	2325	1131109956	2024123518	6.2	69.5	0.839	8.9	13.6	31	7.8	2730	902691039A	2.3E-9	5.1E-9
448 .	G15G384270	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2709	902691039B	2.3E-9	5.1E-9

GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
NN66-7S



Quality Control Manager

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Gcl bentonite mass per unit area value is measured at 0% moisture

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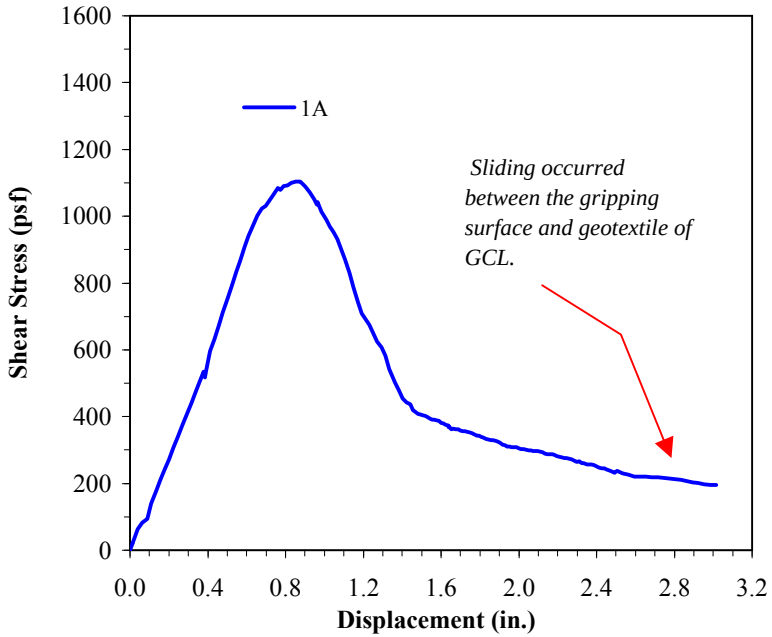
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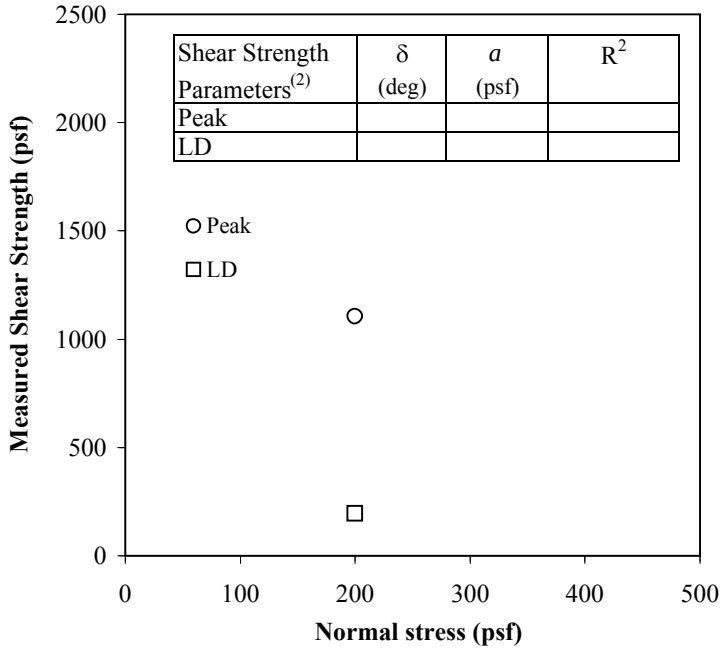
Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE									added if completed	
					6 OZ NW	6 OZ NW									Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
449 .	G15G384271	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2677	902691039B	2.3E-9	5.1E-9
450 .	G15G384272	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2731	902691039B	2.3E-9	5.1E-9
451 .	G15G384273	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2742	902691039B	2.3E-9	5.1E-9
452 .	G15G384274	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2803	902691039B	2.3E-9	5.1E-9
453 .	G15G384275	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2850	902691039B	2.3E-9	5.1E-9
454 .	G15G384276	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2866	902691039B	2.3E-9	5.1E-9

AGRU AMERICA, INC. - 2015 ANNUAL SHEARING TEST PROGRAM
GCL DIRECT SHEAR TESTING (ASTM D 6243)

Upper Shear Box: Steel grip
Hydrated Agru Geoclay NN66-7S GCL #G15G04048
Lower Shear Box: Steel grip





Test No.	Shear Box Size (in. x in.)	Normal Stress (psf)	Shear Rate (in./min)	Soaking		Consolidation (Stress and Time)						GCL		Measured Strength(1)		GCL Strength	
				Stress (psf)	Time (hours)	Phase 1 (psf)	Phase 1 (hour)	Phase 2 (psf)	Phase 2 (hour)	Phase 3 (psf)	Phase 3 (hour)	ω_i (%)	ω_f (%)	τ_P (psf)	τ_{LD} (psf)	τ_P (psf)	τ_{LD} (psf)
1A	12 x 12	200	0.04	200	24								107	1104	195	> 1104	NR(2)

NOTES:
(1) Shear failure (sliding) occurred between the steel grip and geotextile of GCL. Therefore, the actual peak strength of the received GCL sample≥ the measured peak shear strength.
(2) Not reported.

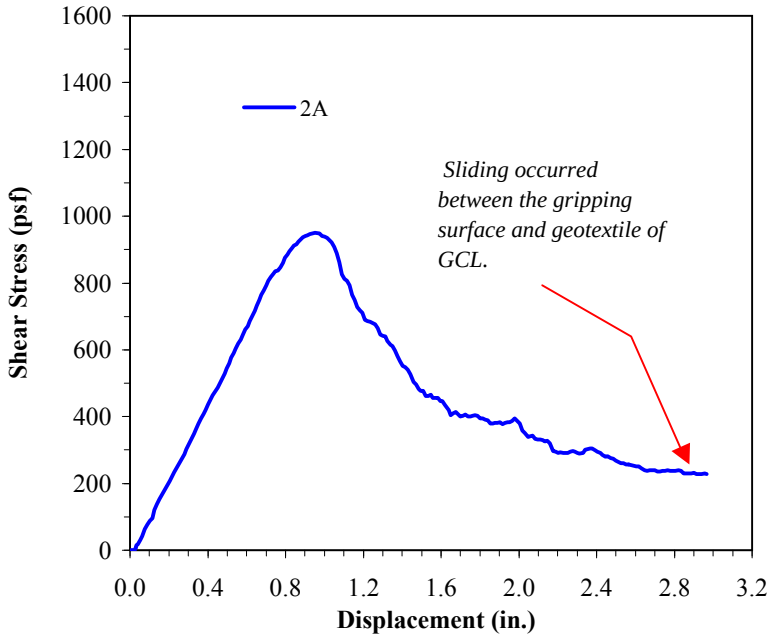
DATE OF REPORT: 2/22/2015

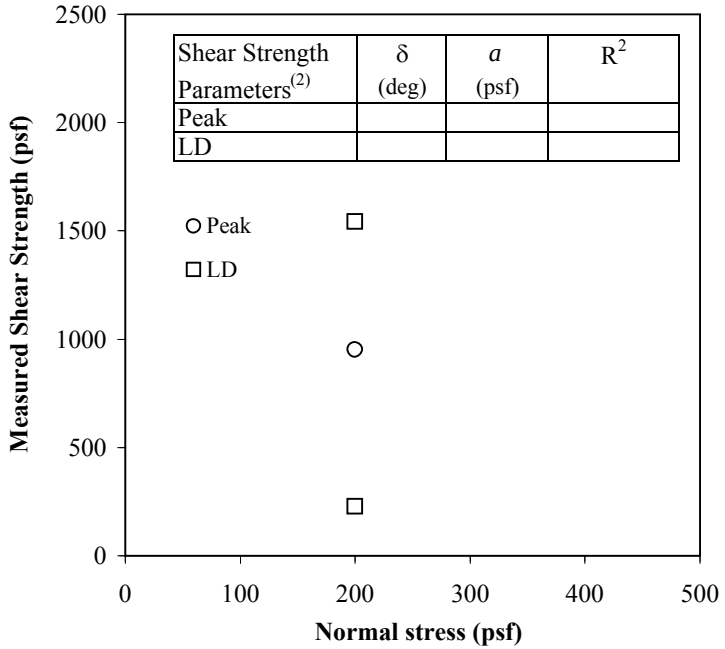
SGI TESTING SERVICES, LLC

FIGURE NO.	1
PROJECT NO.	SGI15009
DOCUMENT NO.	
FILE NO.	

AGRU AMERICA, INC. - 2015 ANNUAL SHEARING TEST PROGRAM
GCL DIRECT SHEAR TESTING (ASTM D 6243)

Upper Shear Box: Steel grip
Hydrated Agru Geoclay WN36 GCL #G15G034059
Lower Shear Box: Steel grip





Test No.	Shear Box Size (in. x in.)	Normal Stress (psf)	Shear Rate (in./min)	Soaking		Consolidation (Stress and Time)						GCL		Measured Strength(1)		GCL Strength	
				Stress (psf)	Time (hours)	Phase 1 (psf)	Phase 1 (hour)	Phase 2 (psf)	Phase 2 (hour)	Phase 3 (psf)	Phase 3 (hour)	ω_i (%)	ω_f (%)	τ_P (psf)	τ_{LD} (psf)	τ_P (psf)	τ_{LD} (psf)
2A	12 x 12	200	0.04	200	24								106	950	228	> 950	NR(2)

NOTES:
(1) Shear failure (sliding) occurred between the steel grip and geotextile of GCL. Therefore, the actual peak strength of the received GCL sample≥ the measured peak shear strength.
(2) Not reported.

DATE OF REPORT: 2/22/2015

SGI TESTING SERVICES, LLC

FIGURE NO.	2
PROJECT NO.	SGI15009
DOCUMENT NO.	
FILE NO.	

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30**

Tests Conducted By: BAM
Approved By: BAM

Left our plant on **9/26/2013**

In railcar **CRDX 11112**

Order Number **900758485**

Weight of railcar **95.53**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	8.3	8.3
%+20 MESH	ASTM C 136	15 MAX	0.06	0.08
%- 200 MESH	ASTM C 136	10 MAX.	0.98	4.65
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.0	12.8
FREE SWELL	ASTM D 5890	25 MIN.	29	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
09/30/13

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30**

Tests Conducted By: BAM
Approved By: BAM

Left our plant on **6/13/2013**

In railcar **CRDX 11150**

Order Number **900496174**

Weight of railcar **94.55**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	9.2	9
%+20 MESH	ASTM C 136	15 MAX	0.09	0.05
%- 200 MESH	ASTM C 136	10 MAX.	5.02	4.58
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.1	12.8
FREE SWELL	ASTM D 5890	25 MIN.	29	31

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/07/14

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: BAM
Approved By: BAM

Left our plant on **6/14/2013**

In railcar **CRDX 11163**

Order Number **900496175**

Weight of railcar **94.78**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	9.7	9.3
%+20 MESH	ASTM C 136	15 MAX	0.13	0.03
%- 200 MESH	ASTM C 136	10 MAX.	4.66	5.35
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.1	12.0
FREE SWELL	ASTM D 5890	25 MIN.	26	28

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/07/14

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: BAM
Approved By: BAM

Left our plant on **7/1/2013**

In railcar **CRDX 11183**

Order Number **900551400**

Weight of railcar **95.73**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	9	8.1
%+20 MESH	ASTM C 136	15 MAX	0.12	0.04
%- 200 MESH	ASTM C 136	10 MAX.	5.02	4.02
FLUID LOSS	ASTM D 5891	18.0 MAX.	12.5	11.4
FREE SWELL	ASTM D 5890	25 MIN.	29	31

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/07/14

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: BAM
Approved By: BAM

Left our plant on **7/1/2013**

In railcar **CRDX 11217**

Order Number **900540188**

Weight of railcar **95.80**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	9	8.5
%+20 MESH	ASTM C 136	15 MAX	0.15	0.17
%- 200 MESH	ASTM C 136	10 MAX.	4.17	4.15
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.1	13.2
FREE SWELL	ASTM D 5890	25 MIN.	27	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/07/14

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30**

Tests Conducted By: BAM
Approved By: BAM

Left our plant on **7/7/2013**

In railcar **CRDX 11185**

Order Number **900551406**

Weight of railcar **95.38**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	8.9	9.4
%+20 MESH	ASTM C 136	15 MAX	0.09	0.06
%- 200 MESH	ASTM C 136	10 MAX.	4.95	5.05
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.5	12.2
FREE SWELL	ASTM D 5890	25 MIN.	30	35

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/11/14

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	ST
Left our plant on	**3/13/2015**	Approved By:	AH
In railcar	**BNSF 421992**		
Order Number	**902216183**		
Weight of railcar	**97.06**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.1**	**9.3**
%+20 MESH	ASTM C 136	15 MAX	**1.50**	**2.44**
%- 200 MESH	ASTM C 136	10 MAX.	**3.89**	**3.32**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.8**	**16.8**
FREE SWELL	ASTM D 5890	25 MIN.	**28**	**28**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)
mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
03/16/15

CERTIFICATE OF ANALYSIS 2014

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW
Approved By: DKW

Left our plant on **2/19/2014**

In railcar **CRDX 11112**

Order Number **901122201**

Weight of railcar **94.83**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	8.6	9.0
%+20 MESH	ASTM C 136	15 MAX	0.04	0.35
%- 200 MESH	ASTM C 136	10 MAX.	7.02	6.26
FLUID LOSS	ASTM D 5891	18.0 MAX.	15.2	14.8
FREE SWELL	ASTM D 5890	25 MIN.	30	29

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
02/19/14

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	ST
Left our plant on	**3/21/2015**	Approved By:	AH
In railcar	**BNSF 422347**		
Order Number	**902242009**		
Weight of railcar	**97.21**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.55**	**9.2**
%+20 MESH	ASTM C 136	15 MAX	**1.60**	**2.73**
%- 200 MESH	ASTM C 136	10 MAX.	**3.10**	**2.97**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**15.2**	**15.2**
FREE SWELL	ASTM D 5890	25 MIN.	**27**	**27**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)
mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
03/22/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	KC
Left our plant on	**4/16/2015**	Approved By:	AH
In railcar	**BNSF 420446**		
Order Number	**902319672**		
Weight of railcar	**96.98**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.60**	**9.3**
%+20 MESH	ASTM C 136	15 MAX	**1.25**	**1.68**
%- 200 MESH	ASTM C 136	10 MAX.	**3.20**	**3.01**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**17.2**	**16.4**
FREE SWELL	ASTM D 5890	25 MIN.	**25**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)
mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
04/17/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	KL
Left our plant on	**4/19/2015**	Approved By:	AH
In railcar	**ATSF 304681**		
Order Number	**902333319**		
Weight of railcar	**97.45**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**8.90**	**8.8**
%+20 MESH	ASTM C 136	15 MAX	**1.49**	**1.31**
%- 200 MESH	ASTM C 136	10 MAX.	**2.76**	**3.04**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.0**	**17.2**
FREE SWELL	ASTM D 5890	25 MIN.	**25**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)
mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
04/20/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	CT
Left our plant on	**4/11/2015**	Approved By:	AH
In railcar	**BNSF 435621**		
Order Number	**902292777**		
Weight of railcar	**96.50**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.40**	**9.3**
%+20 MESH	ASTM C 136	15 MAX	**0.88**	**1.09**
%- 200 MESH	ASTM C 136	10 MAX.	**5.28**	**3.42**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.4**	**16.4**
FREE SWELL	ASTM D 5890	25 MIN.	**25**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
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Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)
mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
04/13/15

CERTIFICATE OF ANALYSIS 2014

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **7/3/2014** Approved By: DKW

In railcar **Mercer 12175-13553A**

Order Number **901484491**

Weight of railcar

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	7.9	
%+20 MESH	ASTM C 136	15 MAX	0.00	
%- 200 MESH	ASTM C 136	10 MAX.	2.72	
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.8	
FREE SWELL	ASTM D 5890	25 MIN.	31	
LOT NUMBERS			10703141	

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
07/07/14

CERTIFICATE OF ANALYSIS 2013

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30**

Tests Conducted By: BAM
Approved By: BAM

Left our plant on **7/26/2013**

In railcar **CRDX 11263**

Order Number **900563497**

Weight of railcar **95.50**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B** (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	9.8	9.1
%+20 MESH	ASTM C 136	15 MAX	0.09	0.02
%- 200 MESH	ASTM C 136	10 MAX.	5.57	6.13
FLUID LOSS	ASTM D 5891	18.0 MAX.	12	11.6
FREE SWELL	ASTM D 5890	25 MIN.	29	31

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
David Helms (dh@agruamerica.com)
Maria Coffey (Mcoffey@agruamerica.com)
Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
05/29/14

CERTIFICATE OF ANALYSIS 2014

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **7/14/2014** Approved By: DKW

In railcar **CARON CONSTRUCTION 49-49T**

Order Number **901472104**

Weight of railcar

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS		
			A (50 Tons)	**B (50 Tons)**	
MOISTURE	ASTM D 2216	12.0% MAX.	8.6	8.6	8.56
%+20 MESH	ASTM C 136	15 MAX	0.00	0.03	0.02
%- 200 MESH	ASTM C 136	10 MAX.	3.71	5.06	4.81
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.8	14.0	14.2
FREE SWELL	ASTM D 5890	25 MIN.	29	30	30
LOT NUMBERS			10702142	10712143	10713141

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
07/16/14

BENTONITE

CERTIFICATE OF ANALYSIS 2014

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: CLS

Left our plant on **9/7/2014** Approved By: CLS

In railcar **CRDX 11186**

Order Number **901647323**

Weight of railcar **95.95**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	9.4	9.1
%+20 MESH	ASTM C 136	15 MAX	0.05	0.04
%- 200 MESH	ASTM C 136	10 MAX.	5.85	5.37
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.0	16.0
FREE SWELL	ASTM D 5890	25 MIN.	30	28

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
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Grant Palmer (gp@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
09/10/14

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **3/18/2015** Approved By: DKW

In railcar **CRDX 11163**

Order Number **902162485**

Weight of railcar **95.30**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	10.6	9.3
%+20 MESH	ASTM C 136	15 MAX	0.00	0.00
%- 200 MESH	ASTM C 136	10 MAX.	1.07	1.68
FLUID LOSS	ASTM D 5891	18.0 MAX.	14.0	13.8
FREE SWELL	ASTM D 5890	25 MIN.	29	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
03/20/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	CT
Left our plant on	**5/21/2015**	Approved By:	AH
In railcar	**ATSF 313539**		
Order Number	**902417334**		
Weight of railcar	**97.04**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.10**	**9.2**
%+20 MESH	ASTM C 136	15 MAX	**1.82**	**1.77**
%- 200 MESH	ASTM C 136	10 MAX.	**2.38**	**1.61**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.4**	**16.4**
FREE SWELL	ASTM D 5890	25 MIN.	**26**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
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CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
05/22/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	ST
Left our plant on	**5/25/2015**	Approved By:	AH
In railcar	**FURX 824279**		
Order Number	**902425039**		
Weight of railcar	**96.96**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.15**	**9.4**
%+20 MESH	ASTM C 136	15 MAX	**1.67**	**3.79**
%- 200 MESH	ASTM C 136	10 MAX.	**1.98**	**1.94**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.0**	**16.0**
FREE SWELL	ASTM D 5890	25 MIN.	**25**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
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CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
05/26/15

BENTONITE
CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
Lovell Plant
789 Highway 14A East
Lovell , WY 82431

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of	**NATIONAL® GRANULAR 30**	Tests Conducted By:	KC
Left our plant on	**6/16/2015**	Approved By:	AH
In railcar	**BNSF 422429**		
Order Number	**902500214**		
Weight of railcar	**96.47**		

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS A (50 Tons)	ACTUAL RESULTS B (50 Tons)
MOISTURE	ASTM D 2216	12.0% MAX.	**9.30**	**9.4**
%+20 MESH	ASTM C 136	15 MAX	**1.09**	**2.41**
%- 200 MESH	ASTM C 136	10 MAX.	**2.22**	**1.96**
FLUID LOSS	ASTM D 5891	18.0 MAX.	**16.8**	**16.8**
FREE SWELL	ASTM D 5890	25 MIN.	**26**	**25**

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

E-Mail: Denise Sherman (denises@agruamerica.com)
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mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Allen Harvey
06/17/15

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **6/24/2015** Approved By: DKW

In railcar **CRDX 11112**

Order Number **902448952**

Weight of railcar **96.25**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	9.3	9.5
%+20 MESH	ASTM C 136	15 MAX	0.03	0.03
%- 200 MESH	ASTM C 136	10 MAX.	2.90	2.20
FLUID LOSS	ASTM D 5891	18.0 MAX.	12.4	12.4
FREE SWELL	ASTM D 5890	25 MIN.	30	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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mknowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
09/12/15

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30**

Left our plant on **7/10/2015**

In railcar **CRDX 11182**

Order Number **902552873**

Weight of railcar **95.33**

Tests Conducted By:
DPA
Approved By:
DPA

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	7.9	7.9
%+20 MESH	ASTM C 136	15 MAX	0.02	0.03
%- 200 MESH	ASTM C 136	10 MAX.	3.00	2.62
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.6	14.0
FREE SWELL	ASTM D 5890	25 MIN.	30	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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Mary knowlin (mknowlin@agruamerica.com)

CC: Blair Akers
FILE

Q.A. SUPERVISOR
Don Staley
07/13/15

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **8/19/2015** Approved By: DKW

In railcar **RCPE 49340**

Order Number **902656291**

Weight of railcar **95.57**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	8.1	7.6
%+20 MESH	ASTM C 136	15 MAX	0.06	0.03
%- 200 MESH	ASTM C 136	10 MAX.	5.12	2.34
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.4	13.2
FREE SWELL	ASTM D 5890	25 MIN.	26	26

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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Grant Palmer (gp@agruamerica.com)
Mary knowlin (mknowlin@agruamerica.com)

CC: Thomas Anderson
Jason Tawse
File

Q.A. SUPERVISOR
Don Staley
08/28/15

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: DKW

Left our plant on **8/25/2015** Approved By: DKW

In railcar **RCPE 49240**

Order Number **902691039**

Weight of railcar **95.65**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	7.8	7.6
%+20 MESH	ASTM C 136	15 MAX	1.26	0.00
%- 200 MESH	ASTM C 136	10 MAX.	2.76	2.64
FLUID LOSS	ASTM D 5891	18.0 MAX.	13.6	13.8
FREE SWELL	ASTM D 5890	25 MIN.	31	30

We hereby certify that the results shown above represent this shipment.
Tests were conducted using BENTONITE PERFORMANCE MINERALS LLC and/or customer approved laboratory procedures.
Product made in the U.S.A.

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CC: Thomas Anderson
Jason Tawse
File

Q.A. SUPERVISOR
Don Staley
09/17/15

CERTIFICATE OF ANALYSIS 2015

BENTONITE PERFORMANCE MINERALS LLC
554 US HWY 212
COLONY PLANT
BELLE FOURCHE, SD 57717

TO: **AGRU AMERICA**
500 Garrison Rd
Georgetown, SC 29440

A shipment of **NATIONAL® GRANULAR 30** Tests Conducted By: BAM

Left our plant on **8/5/2015** Approved By: BAM

In railcar **CRDX 11163**

Order Number **902624683**

Weight of railcar **94.80**

A sample from this shipment was tested, and gave the following results:

TEST	METHOD	REQ. SPECIFICATION	ACTUAL RESULTS	
			A (50 Tons)	**B (50 Tons)**
MOISTURE	ASTM D 2216	12.0% MAX.	9.3	8.6
%+20 MESH	ASTM C 136	15 MAX	0.04	0.05
%- 200 MESH	ASTM C 136	10 MAX.	4.92	5.18
FLUID LOSS	ASTM D 5891	18.0 MAX.	11.6	13.2
FREE SWELL	ASTM D 5890	25 MIN.	30	30

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Product made in the U.S.A.

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CC: Thomas Anderson
Jason Tawse
File

Q.A. SUPERVISOR
Don Staley
09/18/15

APPENDIX O6

GCL Conformance Test Reports

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GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
NN66-7S

Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
1 .	G14G044055	15.5	200	3100	1119000373	2023157808	10.3	64.0	0.805	9.5	14.0	29	8.3	2973	900758485A	1.8E-9	4.2E-9
2 .	G14G052014	15.5	200	3100	1119000344	2023157806	8.9	52.0	0.796	10.1	12.8	31	9.0	2587	900496174A	3.9E-9	9.5E-9
3 .	G14G063090	15.5	200	3100	1119000408	2023157785	6	64.6	0.860	10.0	13.1	26	9.7	3140	900496175A	1.6E-9	3.7E-9
4 .	G14G084076	15.5	125	1937.5	1119002588	2023157773	12.1	53.0	0.814	10.2	11.4	31	8.1	1839	900551400B	2.2E-9	5.4E-9
5 .	G14G111008	15.5	150	2325	1119002572	2023175214	12.3	61.4	0.835	9.5	14.1	27	9.0	2385	900540188A	5.0E-10	1.6E-9
6 .	G14G111021	15.5	150	2325	1119002570	2023168983	11.5	61.4	0.863	9.5	13.2	30	8.5	2353	900540188B	5.0E-10	1.6E-9
7 .	G14G112070	15.5	150	2325	1139004239	2023168988	11.0	63.7	0.890	10.1	13.5	30	8.9	2360	900551406A	5.0E-10	1.6E-9
8 .	G15G134265	15.5	150	2325	1131101608	2023769641	4.4	80.5	0.793	9.4	16.8	28	9.1	2433	902216183A	2.7E-9	4.3E-9
9 .	G14G143095	15.5	142	2201	1139005055	2023157838	11.4	69.2	0.804	9.8	14.8	29	9.0	2450	901122201A	2.5E-9	5.2E-9
10 .	G15G165393	15.5	150	2325	1131101629	2023776110	3.9	55.3	0.751	12.5	15.2	27	9.2	2449	902242009B	3.3E-9	7.0E-9
11 .	G15G201022	15.5	150	2325	1131105287	2023911397	4.7	69.6	0.761	10.1	17.2	25	9.6	2621	902319672A	5.0E-9	9.0E-9
12 .	G15G203158	15.5	150	2325	1131105312	2023859130	4.6	67.4	0.901	9.2	17.2	25	8.8	2619	902333319B	5.0E-9	9.0E-9
13 .	G15G204218	15.5	150	2325	1131105237	2023859125	6.1	67.4	0.921	10.6	16.4	25	9.4	2880	902292777A	5.0E-9	9.0E-9
14 .	G14G295167	15.5	100	1550	1139004263	2023231202	12.6	86.7	0.798	11.2	14.8	31	7.9	2898	901484491A	2.2E-9	5.6E-9
15 .	G14G294160	15.5	119	1844.5	1139004297	2023231202	15.1	86.7	0.798	11.2	11.6	31	9.1	1994	900563497B	2.2E-9	5.6E-9
16 .	G14G325269	15.5	150	2325	1139010579	2023240278	5.8	57.2	0.899	9.6	14.8	29	8.6	2489	901472104A	2.2E-9	5.6E-9
17 .	G14G442133	15.5	150	2325	1139013731	2023625659	9.0	75.35	0.943	10.0	16.0	28	9.1	2913	901647323B	2..4E-9	6.6E-9
18 .	G14G442103	15.5	150	2325	1139012520	2023596554	8.6	75.4	0.774	12.3	16.0	28	9.1	2360	901647323B	2..4E-9	6.6E-9
19 .	G14G442126	15.5	150	2325	1139013731	2023625659	8.7	75.4	0.939	10.2	16.0	28	9.1	2702	901647323B	2..4E-9	6.6E-9
20 .	G14G442134	15.5	150	2325	1139013727	2023623148	9.0	75.4	0.943	10.0	16.0	28	9.1	2896	901647323B	2..4E-9	6.6E-9
21 .	G14G442135	15.5	150	2325	1139013727	2023623148	9.0	75.4	0.943	10.0	16.0	28	9.1	3019	901647323B	2..4E-9	6.6E-9
22 .	G14G442138	15.5	150	2325	1139013727	2023623148	8.6	75.4	0.943	10.0	16.0	28	9.1	2933	901647323B	2..4E-9	6.6E-9
23 .	G14G443164	15.5	150	2325	1139012490	2023606647	11.4	75.4	0.751	10.9	16.0	28	9.1	2285	901647323A	2..4E-9	6.6E-9
24 .	G15G241063	15.5	150	2325	2023973165	2023937331	11.4	65.2	0.824	10.9	14.0	29	10.6	2685	902162485A	4.3E-9	8.6E-9
25 .	G15G241064	15.5	150	2325	2023973165	2023937331	11.4	65.2	0.824	10.9	14.0	29	10.6	2692	902162485A	4.3E-9	8.6E-9
26 .	G15G245194	15.5	150	2325	1131105828	2023937304	5.6	61.0	0.778	9.4	16.4	26	9.1	2600	902417334A	4.3E-9	8.6E-9
27 .	G15G271042	15.5	150	2325	2023898189	2024022129	9.3	53.4	0.876	11.0	16.0	25	9.2	2651	902425039A	4.3E-9	8.5E-9
28 .	G15G302146	15.5	125	1937.5	1131107900	2023969911	5.5	69.3	0.955	9.6	14.6	30	9.6	2218	902448949A	2.9E-9	5.1E-9
29 .	G15G336422	15.5	150	2325	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	26	9.3	2732	902500214A	2.3E-9	4.9E-9
30 .	G15G336421	15.5	111	1720.5	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	26	9.3	1822	902500214A	2.3E-9	4.9E-9
31 .	G15G336423	15.5	150	2325	2023898179	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2784	902500214B	2.3E-9	4.9E-9
32 .	G15G336426	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2685	902500214B	2.3E-9	4.9E-9

GCL Quality Certification

Customer:	Environmental Specialist
PO#:	22077 Savannah River Nuclear Site
Destination:	Aiken SC
doc #:	30000

GCL Type
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Reflects Conformance Sample

																added if completed	
					GEOTEXTILE	GEOTEXTILE										Reports Available Upon Req	
					6 OZ NW	6 OZ NW											
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
33 .	G15G336428	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2725	902500214B	2.3E-9	4.9E-9
34 .	G15G336429	15.5	150	2325	2024055845	2024123549	12.5	82.3	0.951	9.7	16.8	25	9.4	2787	902500214B	2.3E-9	4.9E-9
35 .	G15G341029	15.5	150	2325	2023898183	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2581	902500214B	2.4E-9	4.8E-9
36 .	G15G341030	15.5	150	2325	2023898183	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2556	902500214B	2.4E-9	4.8E-9
37 .	G15G341031	15.5	150	2325	2024125619	2024123548	12.5	74.2	0.778	10.1	16.8	25	9.4	2535	902500214B	2.4E-9	4.8E-9
38 .	G15G374178	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2698	902624683A	1.3E-9	2.8E-9
39 .	G15G374179	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2767	902624683A	1.3E-9	2.8E-9
40 .	G15G374180	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2740	902624683A	1.3E-9	2.8E-9
41 .	G15G374181	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2766	902624683A	1.3E-9	2.8E-9
42 .	G15G374182	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2771	902624683A	1.3E-9	2.8E-9
43 .	G15G374183	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2780	902624683A	1.3E-9	2.8E-9
44 .	G15G374184	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2781	902624683A	1.3E-9	2.8E-9
45 .	G15G374185	15.5	150	2325	1131110002	2024123542	6.7	70.6	0.980	11.1	11.6	30	9.3	2785	902624683A	1.3E-9	2.8E-9
46 .	G15G374186	15.5	150	2325	1131110002	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2712	902624683A	1.3E-9	2.8E-9
47 .	G15G374187	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2754	902624683A	1.3E-9	2.8E-9
48 .	G15G374188	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2744	902624683A	1.3E-9	2.8E-9
49 .	G15G374189	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2711	902624683A	1.3E-9	2.8E-9
50 .	G15G374190	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2740	902624683A	1.3E-9	2.8E-9
51 .	G15G374191	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2741	902624683A	1.3E-9	2.8E-9
52 .	G15G374192	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2725	902624683A	1.3E-9	2.8E-9
53 .	G15G374193	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2917	902624683A	1.3E-9	2.8E-9
54 .	G15G374194	15.5	150	2325	1131110000	2024123542	7.1	70.6	0.980	11.1	11.6	30	9.3	2913	902624683A	1.3E-9	2.8E-9
55 .	G15G374195	15.5	150	2325	1131110066	2024129538	7.1	70.6	0.980	11.1	11.6	30	9.3	2812	902624683A	1.3E-9	2.8E-9
56 .	G15G374196	15.5	150	2325	1131110066	2024129538	7.1	70.6	0.980	11.1	11.6	30	9.3	2783	902624683A	1.3E-9	2.8E-9
57 .	G15G374197	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	2778	902624683A	1.3E-9	2.8E-9
58 .	G15G374198	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	2834	902624683A	1.3E-9	2.8E-9
59 .	G15G374199	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3062	902624683A	1.3E-9	2.8E-9
60 .	G15G374200	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3079	902624683A	1.3E-9	2.8E-9
61 .	G15G374201	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3090	902624683A	1.3E-9	2.8E-9
62 .	G15G374202	15.5	150	2325	1131110066	2024129538	5.9	70.6	0.838	9.5	11.6	30	9.3	3041	902624683A	1.3E-9	2.8E-9
63 .	G15G375203	15.5	150	2325	1131110066	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2863	902624683A	1.3E-9	2.8E-9
64 .	G15G375204	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2916	902624683A	1.3E-9	2.8E-9

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					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
65 .	G15G375205	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2960	902624683A	1.3E-9	2.8E-9
66 .	G15G375206	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2974	902624683A	1.3E-9	2.8E-9
67 .	G15G375207	15.5	150	2325	1131110063	2024129538	6.1	62.1	1.088	9.5	11.6	30	9.3	2937	902624683A	1.3E-9	2.8E-9
68 .	G15G375208	15.5	150	2325	1131110063	2024129538	4.6	62.1	1.088	9.5	11.6	30	9.3	2901	902624683A	1.3E-9	2.8E-9
69 .	G15G375209	15.5	150	2325	1131110063	2024129538	4.6	62.1	1.088	9.5	11.6	30	9.3	2922	902624683A	1.3E-9	2.8E-9
70 .	G15G375210	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.5	11.6	30	9.3	2852	902624683A	1.3E-9	2.8E-9
71 .	G15G375211	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2781	902624683B	1.3E-9	2.8E-9
72 .	G15G375212	15.5	150	2325	1131110063	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2740	902624683B	1.3E-9	2.8E-9
73 .	G15G375213	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2745	902624683B	1.3E-9	2.8E-9
74 .	G15G375214	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2719	902624683B	1.3E-9	2.8E-9
75 .	G15G375215	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2732	902624683B	1.3E-9	2.8E-9
76 .	G15G375216	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2705	902624683B	1.3E-9	2.8E-9
77 .	G15G375217	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2699	902624683B	1.3E-9	2.8E-9
78 .	G15G375218	15.5	150	2325	1131110028	2024130960	4.6	62.1	1.088	9.2	13.2	30	8.6	2660	902624683B	1.3E-9	2.8E-9
79 .	G15G375219	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2858	902624683B	1.3E-9	2.8E-9
80 .	G15G375220	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2709	902624683B	1.3E-9	2.8E-9
81 .	G15G375221	15.5	150	2325	1131110028	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2661	902624683B	1.3E-9	2.8E-9
82 .	G15G375222	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2713	902624683B	1.3E-9	2.8E-9
83 .	G15G375223	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2683	902624683B	1.3E-9	2.8E-9
84 .	G15G375224	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2726	902624683B	1.3E-9	2.8E-9
85 .	G15G375225	15.5	150	2325	1131110062	2024130960	8.1	64.1	0.997	10.6	13.2	30	8.6	2714	902624683B	1.3E-9	2.8E-9
86 .	G15G375226	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2706	902624683B	1.3E-9	2.8E-9
87 .	G15G375227	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2691	902624683B	1.3E-9	2.8E-9
88 .	G15G375228	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2753	902624683B	1.3E-9	2.8E-9
89 .	G15G375229	15.5	150	2325	1131110062	2024095049	8.1	64.1	0.997	10.6	13.2	30	8.6	2678	902624683B	1.3E-9	2.8E-9
90 .	G15G375230	15.5	150	2325	1131110062	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2648	902624683B	1.3E-9	2.8E-9
91 .	G15G375231	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2600	902624683B	1.3E-9	2.8E-9
92 .	G15G375232	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2581	902624683B	1.3E-9	2.8E-9
93 .	G15G375233	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2696	902624683B	1.3E-9	2.8E-9
94 .	G15G375234	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2701	902624683B	1.3E-9	2.8E-9
95 .	G15G375235	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2697	902624683B	1.3E-9	2.8E-9
96 .	G15G375236	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2687	902624683B	1.3E-9	2.8E-9

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					GEOTEXTILE	GEOTEXTILE										added if completed	
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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
97 .	G15G375237	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2685	902624683B	1.3E-9	2.8E-9
98 .	G15G375238	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2652	902624683B	1.3E-9	2.8E-9
99 .	G15G375239	15.5	150	2325	1131109975	2024095049	5.4	64.1	0.997	10.6	13.2	30	8.6	2655	902624683B	1.3E-9	2.8E-9
100 .	G15G375240	15.5	150	2325	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	2664	902624683B	1.3E-9	2.8E-9
101 .	G15G375241	15.5	125	1937.5	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	1583	902624683B	1.3E-9	2.8E-9
102 .	G15G375242	15.5	150	2325	1131109981	2024095049	7.0	64.1	0.875	9.0	13.2	30	8.6	2645	902624683B	1.3E-9	2.8E-9
103 .	G15G375243	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2660	902624683B	1.3E-9	2.8E-9
104 .	G15G375244	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2701	902624683B	1.3E-9	2.8E-9
105 .	G15G375245	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2711	902624683B	1.3E-9	2.8E-9
106 .	G15G375246	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2691	902624683B	1.3E-9	2.8E-9
107 .	G15G375247	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2706	902624683B	1.3E-9	2.8E-9
108 .	G15G375248	15.5	150	2325	1131109981	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2693	902624683B	1.3E-9	2.8E-9
109 .	G15G375249	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2640	902624683B	1.3E-9	2.8E-9
110 .	G15G375250	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2635	902624683B	1.3E-9	2.8E-9
111 .	G15G375251	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2711	902624683B	1.3E-9	2.8E-9
112 .	G15G375252	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2699	902624683B	1.3E-9	2.8E-9
113 .	G15G375253	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2713	902624683B	1.3E-9	2.8E-9
114 .	G15G375254	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2703	902624683B	1.3E-9	2.8E-9
115 .	G15G375255	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2716	902624683B	1.3E-9	2.8E-9
116 .	G15G375256	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2686	902624683B	1.3E-9	2.8E-9
117 .	G15G375257	15.5	150	2325	1131110014	2024130957	7.0	64.1	0.875	9.0	13.2	30	8.6	2624	902624683B	1.3E-9	2.8E-9
118 .	G15G375259	15.5	150	2325	1131110014	2024123516	7.0	64.1	0.875	9.0	13.2	30	8.6	2668	902624683B	1.3E-9	2.8E-9
119 .	G15G375260	15.5	150	2325	1131110014	2024123516	7.0	64.1	0.875	9.0	13.2	30	8.6	2632	902624683B	1.3E-9	2.8E-9
120 .	G15G375261	15.5	150	2325	1131109995	2024123516	7.0	64.1	0.875	9.0	12.4	30	9.3	2657	902448952A	1.3E-9	2.8E-9
121 .	G15G375262	15.5	150	2325	1131109995	2024123516	7.0	64.1	0.875	9.0	12.4	30	9.3	2652	902448952A	1.3E-9	2.8E-9
122 .	G15G375263	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2577	902448952A	1.3E-9	2.8E-9
123 .	G15G375264	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2585	902448952A	1.3E-9	2.8E-9
124 .	G15G375265	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2424	902448952A	1.3E-9	2.8E-9
125 .	G15G375266	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2482	902448952A	1.3E-9	2.8E-9
126 .	G15G375267	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2625	902448952A	1.3E-9	2.8E-9
127 .	G15G375268	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2616	902448952A	1.3E-9	2.8E-9
128 .	G15G375269	15.5	150	2325	1131109995	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2596	902448952A	1.3E-9	2.8E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
129 .	G15G375270	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2606	902448952A	1.3E-9	2.8E-9
130 .	G15G375271	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2621	902448952A	1.3E-9	2.8E-9
131 .	G15G375272	15.5	150	2325	1131109994	2024123516	5.8	64.1	0.759	9.7	12.4	30	9.3	2578	902448952A	1.3E-9	2.8E-9
132 .	G15G375273	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2519	902448952A	1.3E-9	2.8E-9
133 .	G15G375274	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2431	902448952A	1.3E-9	2.8E-9
134 .	G15G375275	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2410	902448952A	1.3E-9	2.8E-9
135 .	G15G375276	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2485	902448952A	1.3E-9	2.8E-9
136 .	G15G375277	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2478	902448952A	1.3E-9	2.8E-9
137 .	G15G375278	15.5	150	2325	1131109994	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2488	902448952A	1.3E-9	2.8E-9
138 .	G15G375279	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2522	902448952A	1.3E-9	2.8E-9
139 .	G15G376280	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2518	902448952A	1.3E-9	2.8E-9
140 .	G15G376281	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2520	902448952A	1.3E-9	2.8E-9
141 .	G15G376282	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2528	902448952A	1.3E-9	2.8E-9
142 .	G15G376283	15.5	150	2325	1131109989	2024123516	4.7	64.1	0.759	9.7	12.4	30	9.3	2530	902448952A	1.3E-9	2.8E-9
143 .	G15G376284	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2457	902448952A	1.3E-9	2.8E-9
144 .	G15G376285	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2537	902448952A	1.3E-9	2.8E-9
145 .	G15G376286	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2544	902448952A	1.3E-9	2.8E-9
146 .	G15G376287	15.5	150	2325	1131109989	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2534	902448952A	1.3E-9	2.8E-9
147 .	G15G376288	15.5	150	2325	1131109990	2024123516	11.0	64.1	0.796	9.5	12.4	30	9.3	2507	902448952A	1.3E-9	2.8E-9
148 .	G15G376289	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2504	902448952A	1.3E-9	2.8E-9
149 .	G15G376290	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2525	902448952A	1.3E-9	2.8E-9
150 .	G15G376291	15.5	150	2325	1131109990	2024130973	11.0	64.1	0.796	9.5	12.4	30	9.3	2787	902448952A	1.3E-9	2.8E-9
151 .	G15G376292	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2510	902448952A	1.3E-9	2.8E-9
152 .	G15G376293	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2592	902448952A	1.3E-9	2.8E-9
153 .	G15G376294	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2526	902448952A	1.3E-9	2.8E-9
154 .	G15G376295	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2559	902448952A	1.3E-9	2.8E-9
155 .	G15G376296	15.5	150	2325	1131109990	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2570	902448952A	1.3E-9	2.8E-9
156 .	G15G376297	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2570	902448952A	1.3E-9	2.8E-9
157 .	G15G376298	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2528	902448952A	1.3E-9	2.8E-9
158 .	G15G376299	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2250	902448952A	1.3E-9	2.8E-9
159 .	G15G376300	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2631	902448952A	1.3E-9	2.8E-9
160 .	G15G376301	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2608	902448952A	1.3E-9	2.8E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
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GCL Type: NN66-7S



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					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
161 .	G15G376302	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2619	902448952A	1.3E-9	2.8E-9
162 .	G15G376303	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2637	902448952A	1.3E-9	2.8E-9
163 .	G15G376304	15.5	150	2325	1131109993	2024130973	11.0	78.9	0.825	11.9	12.4	30	9.3	2641	902448952A	1.3E-9	2.8E-9
164 .	G15G376305	15.5	150	2325	1131109998	2024095043	11.0	78.9	0.825	11.9	12.4	30	9.3	2703	902448952A	1.3E-9	2.8E-9
165 .	G15G376306	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2677	902448952A	1.3E-9	2.8E-9
166 .	G15G376307	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2757	902448952A	1.3E-9	2.8E-9
167 .	G15G376308	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.3	2788	902448952A	1.3E-9	2.8E-9
168 .	G15G376309	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2767	902448952B	1.3E-9	2.8E-9
169 .	G15G376310	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2808	902448952B	1.3E-9	2.8E-9
170 .	G15G376311	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2818	902448952B	1.3E-9	2.8E-9
171 .	G15G376312	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2748	902448952B	1.3E-9	2.8E-9
172 .	G15G376313	15.5	150	2325	1131109998	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2755	902448952B	1.3E-9	2.8E-9
173 .	G15G376314	15.5	150	2325	1131109984	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2787	902448952B	1.3E-9	2.8E-9
174 .	G15G376315	15.5	150	2325	1131109984	2024095043	7.9	69.4	0.948	10.0	12.4	30	9.5	2828	902448952B	1.3E-9	2.8E-9
175 .	G15G376316	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2643	902448952B	1.3E-9	2.8E-9
176 .	G15G376317	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2698	902448952B	1.3E-9	2.8E-9
177 .	G15G376318	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2658	902448952B	1.3E-9	2.8E-9
178 .	G15G376319	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2655	902448952B	1.3E-9	2.8E-9
179 .	G15G376320	15.5	150	2325	1131109984	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2612	902448952B	1.3E-9	2.8E-9
180 .	G15G376321	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2586	902448952B	1.3E-9	2.8E-9
181 .	G15G376322	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2587	902448952B	1.3E-9	2.8E-9
182 .	G15G376323	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2552	902448952B	1.3E-9	2.8E-9
183 .	G15G376324	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2582	902448952B	1.3E-9	2.8E-9
184 .	G15G376325	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2568	902448952B	1.3E-9	2.8E-9
185 .	G15G376326	15.5	150	2325	1131110067	2024095043	6.4	69.4	0.948	10.0	12.4	30	9.5	2583	902448952B	1.3E-9	2.8E-9
186 .	G15G376327	15.5	150	2325	1131110067	2024095043	6.9	69.4	0.843	10.8	12.4	30	9.5	2533	902448952B	1.3E-9	2.8E-9
187 .	G15G376328	15.5	150	2325	1131110067	2024095043	6.9	69.4	0.843	10.8	12.4	30	9.5	2491	902448952B	1.3E-9	2.8E-9
188 .	G15G376329	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2509	902448952B	1.3E-9	2.8E-9
189 .	G15G376330	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2537	902448952B	1.3E-9	2.8E-9
190 .	G15G376331	15.5	150	2325	1131110067	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2511	902448952B	1.3E-9	2.8E-9
191 .	G15G376332	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2555	902448952B	1.3E-9	2.8E-9
192 .	G15G376333	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2517	902448952B	1.3E-9	2.8E-9

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					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
193 .	G15G376334	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2521	902448952B	1.3E-9	2.8E-9
194 .	G15G376335	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2504	902448952B	1.3E-9	2.8E-9
195 .	G15G376336	15.5	150	2325	1131109967	2024130959	6.9	69.4	0.843	10.8	12.4	30	9.5	2537	902448952B	1.3E-9	2.8E-9
196 .	G15G376337	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2465	902448952B	1.3E-9	2.8E-9
197 .	G15G376338	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2498	902448952B	1.3E-9	2.8E-9
198 .	G15G376339	15.5	150	2325	1131109967	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2536	902448952B	1.3E-9	2.8E-9
199 .	G15G376340	15.5	150	2325	1131109983	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2571	902448952B	1.3E-9	2.8E-9
200 .	G15G376341	15.5	150	2325	1131109983	2024130959	4.7	69.4	0.843	10.8	12.4	30	9.5	2520	902448952B	1.3E-9	2.8E-9
201 .	G15G381001	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2517	902552873A	2.3E-9	5.1E-9
202 .	G15G381002	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2699	902552873A	2.3E-9	5.1E-9
203 .	G15G381003	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2785	902552873A	2.3E-9	5.1E-9
204 .	G15G381004	15.5	150	2325	1131109983	2024130959	6.1	76.9	0.864	11.6	13.6	30	7.9	2710	902552873A	2.3E-9	5.1E-9
205 .	G15G381005	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2719	902552873A	2.3E-9	5.1E-9
206 .	G15G381006	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2702	902552873A	2.3E-9	5.1E-9
207 .	G15G381007	15.5	150	2325	1131109983	2024130961	6.1	76.9	0.864	11.6	13.6	30	7.9	2685	902552873A	2.3E-9	5.1E-9
208 .	G15G381008	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2649	902552873A	2.3E-9	5.1E-9
209 .	G15G381009	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2725	902552873A	2.3E-9	5.1E-9
210 .	G15G381010	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2740	902552873A	2.3E-9	5.1E-9
211 .	G15G381011	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2765	902552873A	2.3E-9	5.1E-9
212 .	G15G381012	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2782	902552873A	2.3E-9	5.1E-9
213 .	G15G381013	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2775	902552873A	2.3E-9	5.1E-9
214 .	G15G381014	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2775	902552873A	2.3E-9	5.1E-9
215 .	G15G381015	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2766	902552873A	2.3E-9	5.1E-9
216 .	G15G381016	15.5	150	2325	1131110004	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2736	902552873A	2.3E-9	5.1E-9
217 .	G15G381017	15.5	150	2325	1131110005	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2708	902552873A	2.3E-9	5.1E-9
218 .	G15G381018	15.5	150	2325	1131110005	2024130961	7.5	76.9	0.904	11.1	13.6	30	7.9	2712	902552873A	2.3E-9	5.1E-9
219 .	G15G381019	15.5	150	2325	1131110005	2024130961	6.8	76.9	0.904	11.1	13.6	30	7.9	2664	902552873A	2.3E-9	5.1E-9
220 .	G15G381020	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2778	902552873A	2.3E-9	5.1E-9
221 .	G15G381021	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2828	902552873A	2.3E-9	5.1E-9
222 .	G15G381022	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2884	902552873A	2.3E-9	5.1E-9
223 .	G15G381023	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2925	902552873A	2.3E-9	5.1E-9
224 .	G15G381024	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2973	902552873A	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
225 .	G15G381025	15.5	150	2325	1131110005	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2956	902552873A	2.3E-9	5.1E-9
226 .	G15G381026	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2927	902552873A	2.3E-9	5.1E-9
227 .	G15G381027	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2856	902552873A	2.3E-9	5.1E-9
228 .	G15G381028	15.5	150	2325	1131110007	2024129549	6.8	76.9	0.904	11.1	13.6	30	7.9	2815	902552873A	2.3E-9	5.1E-9
229 .	G15G381029	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2672	902552873A	2.3E-9	5.1E-9
230 .	G15G381030	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2644	902552873A	2.3E-9	5.1E-9
231 .	G15G381031	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2616	902552873A	2.3E-9	5.1E-9
232 .	G15G381032	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2580	902552873A	2.3E-9	5.1E-9
233 .	G15G381033	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2585	902552873A	2.3E-9	5.1E-9
234 .	G15G381034	15.5	150	2325	1131110007	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2614	902552873A	2.3E-9	5.1E-9
235 .	G15G381035	15.5	150	2325	1131109966	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2602	902552873A	2.3E-9	5.1E-9
236 .	G15G381036	15.5	150	2325	1131109966	2024129549	6.3	76.9	0.970	9.0	13.6	30	7.9	2591	902552873A	2.3E-9	5.1E-9
237 .	G15G381037	15.5	150	2325	1131109966	2024130963	6.3	76.9	0.970	9.0	13.6	30	7.9	2612	902552873A	2.3E-9	5.1E-9
238 .	G15G381038	15.5	150	2325	1131109966	2024130963	6.3	76.9	0.970	9.0	13.6	30	7.9	2605	902552873A	2.3E-9	5.1E-9
239 .	G15G381039	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2590	902552873A	2.3E-9	5.1E-9
240 .	G15G381040	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2570	902552873A	2.3E-9	5.1E-9
241 .	G15G381041	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2611	902552873A	2.3E-9	5.1E-9
242 .	G15G381042	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2600	902552873A	2.3E-9	5.1E-9
243 .	G15G381043	15.5	150	2325	1131109966	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2610	902552873A	2.3E-9	5.1E-9
244 .	G15G381044	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2585	902552873A	2.3E-9	5.1E-9
245 .	G15G381045	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2578	902552873A	2.3E-9	5.1E-9
246 .	G15G381046	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2525	902552873A	2.3E-9	5.1E-9
247 .	G15G381047	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2496	902552873A	2.3E-9	5.1E-9
248 .	G15G381048	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	13.6	30	7.9	2477	902552873A	2.3E-9	5.1E-9
249 .	G15G381049	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2536	902552873B	2.3E-9	5.1E-9
250 .	G15G381050	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2520	902552873B	2.3E-9	5.1E-9
251 .	G15G381051	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2457	902552873B	2.3E-9	5.1E-9
252 .	G15G381052	15.5	150	2325	1131109987	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2500	902552873B	2.3E-9	5.1E-9
253 .	G15G381053	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2509	902552873B	2.3E-9	5.1E-9
254 .	G15G381054	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2488	902552873B	2.3E-9	5.1E-9
255 .	G15G381055	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2442	902552873B	2.3E-9	5.1E-9
256 .	G15G381056	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2484	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



Quality Control Manager

Agru America hereby affirms that all GeoClay geosynthetic clay liner material manufactured for this project was continually passed under a magnet for needle removal.

Gcl bentonite mass per unit area value is measured at 0% moisture

Bentonite property tests are performed at a bentonite processing facility before shipment to Agru's production facility.

All tensile testing is in the machine direction using ASTM D 6768. All peel strength testing is performed using ASTM D 6496. Upon request tensile and peel results can be reported per modified ASTM D 4632 using 4 inch grips.

Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
257 .	G15G381057	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2440	902552873B	2.3E-9	5.1E-9
258 .	G15G381058	15.5	150	2325	1131110030	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2411	902552873B	2.3E-9	5.1E-9
259 .	G15G381059	15.5	150	2325	1131109992	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
260 .	G15G381060	15.5	150	2325	1131109992	2024130963	4.6	76.9	0.970	9.0	14.0	30	7.9	2418	902552873B	2.3E-9	5.1E-9
261 .	G15G381061	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2400	902552873B	2.3E-9	5.1E-9
262 .	G15G381062	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2367	902552873B	2.3E-9	5.1E-9
263 .	G15G381063	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2389	902552873B	2.3E-9	5.1E-9
264 .	G15G381064	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2394	902552873B	2.3E-9	5.1E-9
265 .	G15G381065	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2382	902552873B	2.3E-9	5.1E-9
266 .	G15G381066	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2481	902552873B	2.3E-9	5.1E-9
267 .	G15G381067	15.5	150	2325	1131109992	2024130963	3.6	76.9	0.970	9.0	14.0	30	7.9	2522	902552873B	2.3E-9	5.1E-9
268 .	G15G381068	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2528	902552873B	2.3E-9	5.1E-9
269 .	G15G381069	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2521	902552873B	2.3E-9	5.1E-9
270 .	G15G381070	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2553	902552873B	2.3E-9	5.1E-9
271 .	G15G381071	15.5	150	2325	1131110003	2024123540	3.6	76.9	0.970	9.0	14.0	30	7.9	2551	902552873B	2.3E-9	5.1E-9
272 .	G15G381072	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2530	902552873B	2.3E-9	5.1E-9
273 .	G15G381073	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2488	902552873B	2.3E-9	5.1E-9
274 .	G15G381074	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2512	902552873B	2.3E-9	5.1E-9
275 .	G15G381075	15.5	150	2325	1131110003	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2548	902552873B	2.3E-9	5.1E-9
276 .	G15G381076	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2526	902552873B	2.3E-9	5.1E-9
277 .	G15G381077	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2584	902552873B	2.3E-9	5.1E-9
278 .	G15G381078	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2458	902552873B	2.3E-9	5.1E-9
279 .	G15G381079	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2561	902552873B	2.3E-9	5.1E-9
280 .	G15G381080	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2529	902552873B	2.3E-9	5.1E-9
281 .	G15G381081	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2582	902552873B	2.3E-9	5.1E-9
282 .	G15G381082	15.5	150	2325	1131110041	2024123540	12.6	76.9	0.898	8.9	14.0	30	7.9	2612	902552873B	2.3E-9	5.1E-9
283 .	G15G381083	15.5	150	2325	1131110041	2024123540	14.5	76.9	0.898	8.9	14.0	30	7.9	2556	902552873B	2.3E-9	5.1E-9
284 .	G15G381084	15.5	150	2325	1131109982	2024123540	14.5	76.9	0.898	8.9	14.0	30	7.9	2553	902552873B	2.3E-9	5.1E-9
285 .	G15G382085	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2559	902552873B	2.3E-9	5.1E-9
286 .	G15G382086	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2582	902552873B	2.3E-9	5.1E-9
287 .	G15G382087	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2613	902552873B	2.3E-9	5.1E-9
288 .	G15G382088	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2606	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type
NN66-7S



Quality Control Manager

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Gcl bentonite mass per unit area value is measured at 0% moisture

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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
289 .	G15G382089	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2591	902552873B	2.3E-9	5.1E-9
290 .	G15G382090	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2601	902552873B	2.3E-9	5.1E-9
291 .	G15G382091	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2602	902552873B	2.3E-9	5.1E-9
292 .	G15G382092	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2596	902552873B	2.3E-9	5.1E-9
293 .	G15G382093	15.5	150	2325	1131109982	2024123543	14.5	76.9	0.898	8.9	14.0	30	7.9	2629	902552873B	2.3E-9	5.1E-9
294 .	G15G382094	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2550	902552873B	2.3E-9	5.1E-9
295 .	G15G382095	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2655	902552873B	2.3E-9	5.1E-9
296 .	G15G382096	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2654	902552873B	2.3E-9	5.1E-9
297 .	G15G382097	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2705	902552873B	2.3E-9	5.1E-9
298 .	G15G382098	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2743	902552873B	2.3E-9	5.1E-9
299 .	G15G382099	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2709	902552873B	2.3E-9	5.1E-9
300 .	G15G382100	15.5	150	2325	1131109985	2024123543	10.4	76.9	0.898	8.9	14.0	30	7.9	2685	902552873B	2.3E-9	5.1E-9
301 .	G15G382101	15.5	150	2325	1131109985	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2698	902552873B	2.3E-9	5.1E-9
302 .	G15G382102	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2785	902552873B	2.3E-9	5.1E-9
303 .	G15G382103	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2900	902552873B	2.3E-9	5.1E-9
304 .	G15G382104	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2870	902552873B	2.3E-9	5.1E-9
305 .	G15G382105	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2888	902552873B	2.3E-9	5.1E-9
306 .	G15G382106	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2885	902552873B	2.3E-9	5.1E-9
307 .	G15G382107	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2873	902552873B	2.3E-9	5.1E-9
308 .	G15G382108	15.5	150	2325	1131109986	2024123543	8.4	76.9	0.929	10.8	14.0	30	7.9	2971	902552873B	2.3E-9	5.1E-9
309 .	G15G382109	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2983	902552873B	2.3E-9	5.1E-9
310 .	G15G382110	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2699	902552873B	2.3E-9	5.1E-9
311 .	G15G382111	15.5	150	2325	1131109986	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2560	902552873B	2.3E-9	5.1E-9
312 .	G15G382112	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2576	902552873B	2.3E-9	5.1E-9
313 .	G15G382113	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2559	902552873B	2.3E-9	5.1E-9
314 .	G15G382114	15.5	150	2325	1131110018	2024130951	8.4	76.9	0.929	10.8	14.0	30	7.9	2519	902552873B	2.3E-9	5.1E-9
315 .	G15G382115	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2399	902552873B	2.3E-9	5.1E-9
316 .	G15G382116	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2519	902552873B	2.3E-9	5.1E-9
317 .	G15G382117	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2474	902552873B	2.3E-9	5.1E-9
318 .	G15G382118	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
319 .	G15G382119	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2460	902552873B	2.3E-9	5.1E-9
320 .	G15G382120	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2432	902552873B	2.3E-9	5.1E-9

GCL Quality Certification

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GCL Type: NN66-7S



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					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
321 .	G15G382121	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2495	902552873B	2.3E-9	5.1E-9
322 .	G15G382122	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2492	902552873B	2.3E-9	5.1E-9
323 .	G15G382123	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2477	902552873B	2.3E-9	5.1E-9
324 .	G15G382124	15.5	150	2325	1131110018	2024130951	7.0	76.9	0.851	8.6	14.0	30	7.9	2499	902552873B	2.3E-9	5.1E-9
325 .	G15G382125	15.5	150	2325	1131109991	2024095048	7.0	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
326 .	G15G382126	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
327 .	G15G382127	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2450	902552873B	2.3E-9	5.1E-9
328 .	G15G382128	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2464	902552873B	2.3E-9	5.1E-9
329 .	G15G382129	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2462	902552873B	2.3E-9	5.1E-9
330 .	G15G382130	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2422	902552873B	2.3E-9	5.1E-9
331 .	G15G382131	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2490	902552873B	2.3E-9	5.1E-9
332 .	G15G382132	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2452	902552873B	2.3E-9	5.1E-9
333 .	G15G382133	15.5	150	2325	1131109991	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2464	902552873B	2.3E-9	5.1E-9
334 .	G15G382134	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2479	902552873B	2.3E-9	5.1E-9
335 .	G15G382135	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2461	902552873B	2.3E-9	5.1E-9
336 .	G15G382136	15.5	150	2325	1131109951	2024095048	3.6	76.9	0.851	8.6	14.0	30	7.9	2465	902552873B	2.3E-9	5.1E-9
337 .	G15G382137	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2402	902552873B	2.3E-9	5.1E-9
338 .	G15G382138	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2420	902552873B	2.3E-9	5.1E-9
339 .	G15G382139	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	14.0	30	7.9	2430	902552873B	2.3E-9	5.1E-9
340 .	G15G382140	15.5	150	2325	1131109951	2024095048	5.3	72.3	0.810	9.0	13.4	26	8.1	2352	902656291A	2.3E-9	5.1E-9
341 .	G15G382141	15.5	150	2325	1131109951	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2425	902656291A	2.3E-9	5.1E-9
342 .	G15G382142	15.5	150	2325	1131109951	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2467	902656291A	2.3E-9	5.1E-9
343 .	G15G382143	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2434	902656291A	2.3E-9	5.1E-9
344 .	G15G382144	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2470	902656291A	2.3E-9	5.1E-9
345 .	G15G382145	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2478	902656291A	2.3E-9	5.1E-9
346 .	G15G382146	15.5	150	2325	1131109960	2024087080	5.3	72.3	0.810	9.0	13.4	26	8.1	2466	902656291A	2.3E-9	5.1E-9
347 .	G15G382147	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2461	902656291A	2.3E-9	5.1E-9
348 .	G15G382148	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2474	902656291A	2.3E-9	5.1E-9
349 .	G15G382149	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2491	902656291A	2.3E-9	5.1E-9
350 .	G15G382150	15.5	150	2325	1131109960	2024087080	5.8	72.3	0.810	9.0	13.4	26	8.1	2477	902656291A	2.3E-9	5.1E-9
351 .	G15G382151	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2480	902656291B	2.3E-9	5.1E-9
352 .	G15G382152	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2483	902656291B	2.3E-9	5.1E-9

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					GEOTEXTILE	GEOTEXTILE										added if completed	
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	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
353 .	G15G382153	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2490	902656291B	2.3E-9	5.1E-9
354 .	G15G382154	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2481	902656291B	2.3E-9	5.1E-9
355 .	G15G382155	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2503	902656291B	2.3E-9	5.1E-9
356 .	G15G382156	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2487	902656291B	2.3E-9	5.1E-9
357 .	G15G382157	15.5	150	2325	1131109949	2024087080	5.8	72.3	0.810	9.0	13.2	26	7.6	2526	902656291B	2.3E-9	5.1E-9
358 .	G15G383158	15.5	150	2325	1131109949	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2517	902656291B	2.3E-9	5.1E-9
359 .	G15G383159	15.5	150	2325	1131109949	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2526	902656291B	2.3E-9	5.1E-9
360 .	G15G383160	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2514	902656291B	2.3E-9	5.1E-9
361 .	G15G383161	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2496	902656291B	2.3E-9	5.1E-9
362 .	G15G383162	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2351	902656291B	2.3E-9	5.1E-9
363 .	G15G383163	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2419	902656291B	2.3E-9	5.1E-9
364 .	G15G383164	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2436	902656291B	2.3E-9	5.1E-9
365 .	G15G383165	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2434	902656291B	2.3E-9	5.1E-9
366 .	G15G383166	15.5	150	2325	1131109971	2024098546	3.8	72.3	0.847	9.0	13.2	26	7.6	2456	902656291B	2.3E-9	5.1E-9
367 .	G15G383167	15.5	150	2325	1131109971	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2472	902656291B	2.3E-9	5.1E-9
368 .	G15G383168	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2566	902656291B	2.3E-9	5.1E-9
369 .	G15G383169	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2542	902656291B	2.3E-9	5.1E-9
370 .	G15G383170	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2484	902656291B	2.3E-9	5.1E-9
371 .	G15G383171	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2469	902656291B	2.3E-9	5.1E-9
372 .	G15G383172	15.5	150	2325	1131109946	2024098546	7.0	72.3	0.847	9.0	13.2	26	7.6	2421	902656291B	2.3E-9	5.1E-9
373 .	G15G383173	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2431	902656291B	2.3E-9	5.1E-9
374 .	G15G383174	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2422	902656291B	2.3E-9	5.1E-9
375 .	G15G383175	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2396	902656291B	2.3E-9	5.1E-9
376 .	G15G383176	15.5	150	2325	1131109946	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2396	902656291B	2.3E-9	5.1E-9
377 .	G15G383177	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2445	902656291B	2.3E-9	5.1E-9
378 .	G15G383178	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2439	902656291B	2.3E-9	5.1E-9
379 .	G15G383179	15.5	150	2325	1131109961	2024087082	7.0	72.3	0.847	9.0	13.2	26	7.6	2501	902656291B	2.3E-9	5.1E-9
380 .	G15G383180	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2472	902656291B	2.3E-9	5.1E-9
381 .	G15G383181	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2480	902656291B	2.3E-9	5.1E-9
382 .	G15G383182	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2424	902656291B	2.3E-9	5.1E-9
383 .	G15G383183	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2402	902656291B	2.3E-9	5.1E-9
384 .	G15G383184	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2428	902656291B	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S

Quality Control Manager

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Reflects Conformance Sample

added if completed

Reports Available Upon Req

	Roll #	Wid	Len	Area	GEOTEXTILE 6 OZ NW CAP ROLL #	GEOTEXTILE 6 OZ NW BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
385 .	G15G383185	15.5	150	2325	1131109961	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2347	902656291B	2.3E-9	5.1E-9
386 .	G15G383186	15.5	150	2325	1131109959	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2389	902656291B	2.3E-9	5.1E-9
387 .	G15G383187	15.5	150	2325	1131109959	2024087082	5.6	72.3	0.831	9.0	13.2	26	7.6	2378	902656291B	2.3E-9	5.1E-9
388 .	G15G383188	15.5	150	2325	1131109959	2024130952	5.6	72.3	0.831	9.0	13.2	26	7.6	2401	902656291B	2.3E-9	5.1E-9
389 .	G15G383189	15.5	150	2325	1131109959	2024130952	5.6	72.3	0.831	9.0	13.2	26	7.6	2416	902656291B	2.3E-9	5.1E-9
390 .	G15G383190	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2423	902656291B	2.3E-9	5.1E-9
391 .	G15G383191	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2488	902656291B	2.3E-9	5.1E-9
392 .	G15G383192	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2492	902656291B	2.3E-9	5.1E-9
393 .	G15G383193	15.5	150	2325	1131109959	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2474	902656291B	2.3E-9	5.1E-9
394 .	G15G383194	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2476	902656291B	2.3E-9	5.1E-9
395 .	G15G383195	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2488	902656291B	2.3E-9	5.1E-9
396 .	G15G383196	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2470	902656291B	2.3E-9	5.1E-9
397 .	G15G383197	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2476	902656291B	2.3E-9	5.1E-9
398 .	G15G383198	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2467	902656291B	2.3E-9	5.1E-9
399 .	G15G383199	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2490	902656291B	2.3E-9	5.1E-9
400 .	G15G383200	15.5	150	2325	1131109965	2024130952	5.2	72.3	0.831	9.0	13.2	26	7.6	2438	902656291B	2.3E-9	5.1E-9
401 .	G15G383201	15.5	150	2325	1131109965	2024130952	7.8	72.3	1.024	8.2	13.6	31	7.8	2283	902691039A	2.3E-9	5.1E-9
402 .	G15G383202	15.5	150	2325	1131109965	2024130952	7.8	72.3	1.024	8.2	13.6	31	7.8	2201	902691039A	2.3E-9	5.1E-9
403 .	G15G383203	15.5	150	2325	1131109988	2024098543	7.8	72.3	1.024	8.2	13.6	31	7.8	2219	902691039A	2.3E-9	5.1E-9
404 .	G15G383204	15.5	150	2325	1131109988	2024098543	7.8	72.3	1.024	8.2	13.6	31	7.8	2221	902691039A	2.3E-9	5.1E-9
405 .	G15G383205	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2281	902691039A	2.3E-9	5.1E-9
406 .	G15G383206	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2458	902691039A	2.3E-9	5.1E-9
407 .	G15G383207	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2433	902691039A	2.3E-9	5.1E-9
408 .	G15G383208	15.5	150	2325	1131109988	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2501	902691039A	2.3E-9	5.1E-9
409 .	G15G383209	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2497	902691039A	2.3E-9	5.1E-9
410 .	G15G383210	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2480	902691039A	2.3E-9	5.1E-9
411 .	G15G383211	15.5	150	2325	1131109952	2024098543	3.5	72.3	0.804	8.6	13.6	31	7.8	2525	902691039A	2.3E-9	5.1E-9
412 .	G15G383212	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2473	902691039A	2.3E-9	5.1E-9
413 .	G15G383213	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2608	902691039A	2.3E-9	5.1E-9
414 .	G15G383214	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2484	902691039A	2.3E-9	5.1E-9
415 .	G15G383215	15.5	150	2325	1131109952	2024098543	5.1	72.3	0.804	8.6	13.6	31	7.8	2582	902691039A	2.3E-9	5.1E-9
416 .	G15G383216	15.5	150	2325	1131109952	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2623	902691039A	2.3E-9	5.1E-9

GCL Quality Certification

Customer: Environmental Specialist
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken SC
doc #: 30000

GCL Type: NN66-7S



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Reflects Conformance Sample

					GEOTEXTILE	GEOTEXTILE										added if completed	
					6 OZ NW	6 OZ NW										Reports Available Upon Req	
	Roll #	Wid	Len	Area	CAP ROLL #	BASE ROLL #	Peel ASTM D6496	Tensile ASTM D6768	Mass ASTM D5993	GCL MoistureASTM D4643	Fluid Loss ASTM D5891	Swell Index ASTM D5890	Bentonite Moisture ASTM D2216	Weight	Bentonite Lot #	Hydraulic Conductivity ASTM D5887	Index Flux ASTM D5887
		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
417 .	G15G383217	15.5	150	2325	1131109952	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2644	902691039A	2.3E-9	5.1E-9
418 .	G15G383218	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2659	902691039A	2.3E-9	5.1E-9
419 .	G15G383219	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2694	902691039A	2.3E-9	5.1E-9
420 .	G15G383220	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2723	902691039A	2.3E-9	5.1E-9
421 .	G15G383221	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2661	902691039A	2.3E-9	5.1E-9
422 .	G15G383222	15.5	150	2325	1131109964	2024081522	5.1	72.3	0.804	8.6	13.6	31	7.8	2676	902691039A	2.3E-9	5.1E-9
423 .	G15G383223	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2590	902691039A	2.3E-9	5.1E-9
424 .	G15G383224	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2667	902691039A	2.3E-9	5.1E-9
425 .	G15G383225	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2642	902691039A	2.3E-9	5.1E-9
426 .	G15G383226	15.5	150	2325	1131109964	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2726	902691039A	2.3E-9	5.1E-9
427 .	G15G383227	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2703	902691039A	2.3E-9	5.1E-9
428 .	G15G383228	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2761	902691039A	2.3E-9	5.1E-9
429 .	G15G383229	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2733	902691039A	2.3E-9	5.1E-9
430 .	G15G383230	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2697	902691039A	2.3E-9	5.1E-9
431 .	G15G383231	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2696	902691039A	2.3E-9	5.1E-9
432 .	G15G383232	15.5	150	2325	1131109956	2024081522	8.0	66.1	0.880	8.9	13.6	31	7.8	2703	902691039A	2.3E-9	5.1E-9
433 .	G15G383233	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2654	902691039A	2.3E-9	5.1E-9
434 .	G15G383234	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2689	902691039A	2.3E-9	5.1E-9
435 .	G15G383235	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2744	902691039A	2.3E-9	5.1E-9
436 .	G15G383236	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2785	902691039A	2.3E-9	5.1E-9
437 .	G15G383237	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2798	902691039A	2.3E-9	5.1E-9
438 .	G15G383238	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2788	902691039A	2.3E-9	5.1E-9
439 .	G15G383239	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2798	902691039A	2.3E-9	5.1E-9
440 .	G15G383240	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2753	902691039A	2.3E-9	5.1E-9
441 .	G15G383241	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2799	902691039A	2.3E-9	5.1E-9
442 .	G15G383242	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2789	902691039A	2.3E-9	5.1E-9
443 .	G15G383243	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2765	902691039A	2.3E-9	5.1E-9
444 .	G15G383244	15.5	150	2325	1131109956	2024129541	6.6	66.1	0.880	8.9	13.6	31	7.8	2689	902691039A	2.3E-9	5.1E-9
445 .	G15G383245	15.5	150	2325	1131109956	2024123518	6.8	66.1	0.906	8.8	13.6	31	7.8	2887	902691039A	2.3E-9	5.1E-9
446 .	G15G384246	15.5	150	2325	1131109956	2024123518	6.2	69.5	0.839	8.9	13.6	31	7.8	2694	902691039A	2.3E-9	5.1E-9
447 .	G15G384247	15.5	150	2325	1131109956	2024123518	6.2	69.5	0.839	8.9	13.6	31	7.8	2730	902691039A	2.3E-9	5.1E-9
448 .	G15G384270	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2709	902691039B	2.3E-9	5.1E-9

GCL Quality Certification

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					6 OZ NW	6 OZ NW										Reports Available Upon Req	
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		ft	ft	sqft			lb/in	lb/in	lb/ft^2	%	mls	mls	%	lbs		cm / sec	m^3 / m^2 / sec
449 .	G15G384271	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2677	902691039B	2.3E-9	5.1E-9
450 .	G15G384272	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2731	902691039B	2.3E-9	5.1E-9
451 .	G15G384273	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2742	902691039B	2.3E-9	5.1E-9
452 .	G15G384274	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2803	902691039B	2.3E-9	5.1E-9
453 .	G15G384275	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2850	902691039B	2.3E-9	5.1E-9
454 .	G15G384276	15.5	150	2325	1131110053	2024129547	4.5	69.5	0.967	8.8	13.8	30	7.6	2866	902691039B	2.3E-9	5.1E-9

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

October 1, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report for laboratory testing.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2401-84-03
Material(s) Tested:	One GeoClay NN66-7S GCL(s)
Test(s) Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

John M. Allen, P.E.
Division Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G374197
TRI Log #: E2401-84-03

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	1.11	1.05	1.03	1.08	1.11						**1.08**	0.04	0.75 min
Moisture Content (%)	10.0	9.6	9.6	9.5	9.4						**9.6**	0.2	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.6 ° C		Slurry temperature at test completion:					20.2 ° C				
Fluid Loss (mL)		14.0									**14.0**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		30									**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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October 1, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report for laboratory testing.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2392-84-04
Material(s) Tested:	Six GeoClay NN66-7S GCL(s)
Test(s) Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

John M. Allen, P.E.
Division Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G375219
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.85	1.02	1.11	0.77	1.10						**0.97**	0.15	0.75 min
Moisture Content (%)	11.3	11.4	11.3	11.7	12.3						**11.6**	0.4	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.8	° C	Slurry temperature at test completion:					21.4	° C			
Fluid Loss (mL)		12.8									**12.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		32									**32**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G375240
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.95	0.93	1.01	0.94	0.90						**0.95**	0.04	0.75 min
Moisture Content (%)	10.8	11.0	11.5	11.4	11.6						**11.3**	0.3	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.7	° C	Slurry temperature at test completion:					21.4	° C			
Fluid Loss (mL)		12.6									**12.6**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		32									**32**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G375263
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.73	0.95	0.94	0.55	0.96						**0.83**	0.18	0.75 min
Moisture Content (%)	10.2	10.2	10.3	10.0	10.1						**10.2**	0.1	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.7	° C	Slurry temperature at test completion:					21.6	° C			
Fluid Loss (mL)		13.0									**13.0**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		32									**32**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G376284
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.75	0.77	0.91	0.93	0.87						**0.85**	0.08	0.75 min
Moisture Content (%)	10.0	10.1	10.3	10.0	11.2						**10.3**	0.5	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.6	° C	Slurry temperature at test completion:					20.1	° C			
Fluid Loss (mL)		14.4									**14.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		32									**32**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G376306
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.94	0.96	0.93	0.86	1.06						**0.95**	0.07	0.75 min
Moisture Content (%)	10.3	10.1	9.9	10.0	11.1						**10.3**	0.5	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.8 ° C		Slurry temperature at test completion:					20.5 ° C				
Fluid Loss (mL)		14.2									**14.2**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		30									**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G376327
TRI Log #: E2392-84-04

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.90	1.01	1.02	0.90	1.07						**0.98**	0.08	0.75 min
Moisture Content (%)	10.4	10.7	10.7	10.9	11.4						**10.8**	0.4	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.8	° C	Slurry temperature at test completion:					20.3	° C			
Fluid Loss (mL)		12.8									**12.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		30									**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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October 5, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for the requested laboratory testing.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2392-84-05
Materials Tested:	Seven GeoClay NN66-7S GCL Roll-width Samples
Tests Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Richard S. Lacey, P.E.
Senior Engineer
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G14G044055
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.97	0.80	0.85	0.83	0.81						**0.85**	0.07	0.75 min
Moisture Content (%)	12.1	12.2	10.8	10.9	10.7						**11.3**	0.7	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:	22.7 ° C			Slurry temperature at test completion:					20.8 ° C				
Fluid Loss (mL)	13.4										**13.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)	30										**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G14G442138
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.90	0.64	0.74	0.82	0.75						**0.77**	0.10	0.75 min
Moisture Content (%)	14.4	13.5	13.1	13.3	14.0						**13.7**	0.5	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:	22.7 ° C			Slurry temperature at test completion:					20.5 ° C				
Fluid Loss (mL)	15.4										**15.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)	28										**28**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G381008
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.97	0.83	1.04	0.92	0.82						**0.92**	0.09	0.75 min
Moisture Content (%)	11.0	11.0	10.8	10.9	10.9						**10.9**	0.1	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:	22.7 ° C			Slurry temperature at test completion:					21.1 ° C				
Fluid Loss (mL)	8.4										**8.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)	32										**32**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G381029
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.62	0.87	1.02	1.12	0.87						**0.90**	0.19	0.75 min
Moisture Content (%)	9.3	9.4	9.2	9.1	9.2						**9.2**	0.1	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:	22.6 ° C			Slurry temperature at test completion:					20.7 ° C				
Fluid Loss (mL)	12.2										**12.2**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)	30										**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G381051
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.90	0.86	0.81	0.77	0.80						**0.83**	0.05	0.75 min
Moisture Content (%)	8.8	9.3	9.3	8.7	9.0						**9.0**	0.3	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.6	° C	Slurry temperature at test completion:					21.5	° C			
Fluid Loss (mL)		8.4									**8.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		28									**28**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G381072
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.82	0.96	0.91	0.87	0.74						**0.86**	0.08	0.75 min
Moisture Content (%)	9.8	9.6	9.5	9.6	9.6						**9.6**	0.1	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:	22.6 ° C			Slurry temperature at test completion:					20.7 ° C				
Fluid Loss (mL)	14.2										**14.2**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)	29										**29**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G382094
TRI Log #: E2392-84-05

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.91	0.98	0.91	0.89	0.95						**0.93**	0.04	0.75 min
Moisture Content (%)	9.3	9.3	9.3	9.3	9.3						**9.3**	0.0	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.7 ° C		Slurry temperature at test completion:					20.6 ° C				
Fluid Loss (mL)		14.8									**14.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		29									**29**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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October 1, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report for laboratory testing.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2401-84-08
Material(s) Tested:	Three GeoClay NN66-7S GCL(s)
Test(s) Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

John M. Allen, P.E.
Division Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G382115
TRI Log #: E2401-84-08

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	1.14	0.79	0.94	0.92	0.91						**0.94**	0.13	0.75 min
Moisture Content (%)	8.9	9.3	9.1	9.2	9.2						**9.1**	0.2	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.8 ° C		Slurry temperature at test completion:					20.5 ° C				
Fluid Loss (mL)		12.8									**12.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		27									**27**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G382137
TRI Log #: E2401-84-08

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.92	0.92	0.87	0.91	0.85						**0.89**	0.03	0.75 min
Moisture Content (%)	10.0	9.6	9.6	9.6	9.7						**9.7**	0.2	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		22.6 ° C		Slurry temperature at test completion:					20.5 ° C				
Fluid Loss (mL)		15.4									**15.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		27									**27**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G383158
TRI Log #: E2401-84-08

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	1.00	0.98	1.00	0.92	1.09						**1.00**	0.06	0.75 min
Moisture Content (%)	9.8	9.4	9.4	9.4	9.6						**9.5**	0.2	

Bentonite - Fluid Loss (ASTM D5891)

Slurry temperature at test intiation: 22.8 ° C Slurry temperature at test completion: 20.5 ° C

Fluid Loss (mL)	16.0	**16.0**	18 max

Note: Bentonite sample tested is taken from finished GCL product.

Bentonite - Swell Index (ASTM D5890)

Swell index (mL/2g)	28	**28**	24 min

Note: Bentonite sample tested is taken from finished GCL product.

MD Machine Direction TD Transverse Direction NA Not Available

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October 1, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report for laboratory testing.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2392-85-03
Material(s) Tested:	Four GeoClay NN66-7S GCL(s)
Test(s) Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

John M. Allen, P.E.
Division Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G383180
TRI Log #: E2392-85-03

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	1.11	0.82	0.84	0.89	0.83						**0.90**	0.12	0.75 min
Moisture Content (%)	9.8	9.5	9.6	9.5	9.5						**9.6**	0.1	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		26.5	° C	Slurry temperature at test completion:					21.4	° C			
Fluid Loss (mL)		14.8									**14.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		27									**27**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G383201
TRI Log #: E2392-85-03

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.99	0.91	0.82	0.91	1.04						**0.93**	0.08	0.75 min
Moisture Content (%)	11.0	10.6	10.5	10.3	10.2						**10.5**	0.3	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		27.0 ° C		Slurry temperature at test completion:					21.3 ° C				
Fluid Loss (mL)		11.8									**11.8**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		30									**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G383223
TRI Log #: E2392-85-03

PARAMETER	TEST REPLICATE NUMBER 1	2	3	4	5	6	7	8	9	10	MEAN	STD. DEV.	PROJ. SPEC.
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.91	0.87	0.95	0.92	1.11						**0.95**	0.09	0.75 min
Moisture Content (%)	9.4	9.6	9.7	9.6	10.2						**9.7**	0.3	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		26.5 ° C		Slurry temperature at test completion:					21.3 ° C				
Fluid Loss (mL)		12.4									**12.4**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		30									**30**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G383245
TRI Log #: E2392-85-03

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.80	0.96	1.03	0.83	1.12						**0.95**	0.13	0.75 min
Moisture Content (%)	9.3	9.2	9.4	9.5	9.7						**9.4**	0.2	
Bentonite - Fluid Loss (ASTM D5891)													
Slurry temperature at test intiation:		27.0	° C	Slurry temperature at test completion:					21.3	° C			
Fluid Loss (mL)		14.0									**14.0**		18 max
Note: Bentonite sample tested is taken from finished GCL product.													
Bentonite - Swell Index (ASTM D5890)													
Swell index (mL/2g)		27									**27**		24 min
Note: Bentonite sample tested is taken from finished GCL product.													

MD Machine Direction TD Transverse Direction NA Not Available

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October 6, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report for the laboratory testing performed on the sample listed below.

Project:	**Savannah River Nuclear**
TRI Job Reference Number:	E2392-87-02
Material Tested:	One GeoClay NN66-7S GCL
Tests Requested:	Mass/Unit Area (ASTM D5993) Bentonite - Fluid Loss (ASTM D5891) Bentonite - Swell Index (ASTM D5890)

If you have any questions or require any additional information, please call us at 1-800-880-8378.

Sincerely,

Richard S. Lacey, P.E.
Senior Engineer
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GCL TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Nuclear

Material: GeoClay NN66-7S GCL
Sample Identification: G15G341030
TRI Log #: E2392-87-02

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Bentonite - Mass/Unit Area (ASTM D5993, result @ 0% M.C.)													
Bentonite mass/unit area (lbs/ft^2)	0.91	1.08	1.03	0.90	1.08						**1.00**	0.09	0.75 min
Moisture Content (%)	13.8	14.8	15.5	15.7	16.5						**15.3**	1.0	

Bentonite - Fluid Loss (ASTM D5891)

Slurry temperature at test intiation: 25.5 ° C Slurry temperature at test completion: 20.3 ° C

Fluid Loss (mL)	12.6	**12.6**	18 max

Note: Bentonite sample tested is taken from finished GCL product.

Bentonite - Swell Index (ASTM D5890)

Swell index (mL/2g)	30	**30**	24 min

Note: Bentonite sample tested is taken from finished GCL product.

MD Machine Direction TD Transverse Direction NA Not Available

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TRI ENVIRONMENTAL, INC.
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APPENDIX P

GDL DATA AND DOCUMENTATION

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APPENDIX P1

GDL Manufacturing Quality Control Documentation

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MANUFACTURING QUALITY CONTROL
GEOMEMBRANES AND DRAINAGE PRODUCTS

AGRU AMERICA, INC.

500 Garrison Road

Georgetown, SC 29440

Toll Free: (800) 373-2478

Telephone: (843) 546-0600

Fax: (843) 527-2738

salesmkg@agruamerica.com

www.agruamerica.com

01/01/2015

AGRU AMERICA, INC. - QA/QC

Manufacturing – Quality Assurance/Quality Control

AGRU AMERICA, Inc. extrudes high density polyethylene (HDPE) and linear low density polyethylene (LLDPE) geomembrane, HDPE Geonet, Geocomposite, geotextile and GCL products at its three production plants located at 500 Garrison Road, Georgetown, South Carolina, 29440, 2000 East Newlands Drive, Fernley, Nevada, 89408 and 181 Hwy 521, Andrews SC 29510.

Our USA Manufacturing Quality Assurance Program is dependent on the utilization of in-house laboratories in each plant which are, when necessary, complemented with testing performed by certified outside laboratories such as:

- TRI/Environmental California; Anaheim, CA
  Telephone (714) 520-9631; Fax (714) 520-9637
- TRI/Environmental, Inc.; Austin, Texas
  Telephone (512) 263-2101; Fax (512) 263-2558

  And other GRI-LAP accredited laboratories.

Raw Material – Manufacturer's Certificate of Conformity

HDPE and LLDPE resin is supplied to our plants in bulk and subjected to the following procedures:

- Prior to shipment, our resin supplier submits a certificate of analysis. Once approved, the resin is released for shipment to our plant.
- One sample is taken from each rail car after arrival and tested as follows:
  Melt Index ASTM D1238 190°C, 2.16kg, and Density ASTM D792 Method B.
- Once the tests have been completed and results found to be in compliance with our requirements, the resin is then unloaded into our silo system.
- At this stage, our supplier has performed one battery of tests and Agru America has performed one to verify the manufacturer's certificate of analysis.
- Off specification resin is returned to the supplier.
- The Manufacturer's MFI Test Data is reported on the Geomembrane Quality Certificate (Agru America's MFI Testing is done to verify the resin manufacturer's reported data).

GEOMEMBRANE

The Extrusion Process

The resin is conveyed through a vacuum pump system and flexible hoses to a dryer hopper, feeding the resin by gravity into an 8-inch barrel. This barrel is divided into five heating zones, each heating zone being computer controlled and constantly monitored.

A screw in the barrel turns at a prescribed and monitored speed. It conveys the resin slowly to full plastication, and then the plasticated resin is fed through a manifold into a coat hanger die having a width of approximately 24 feet. The die lips are open to a prescribed distance governed by the thickness of the geomembrane to be extruded.

Exiting the die, the plasticated resin forms a controlled and monitored bead, which feeds into a chrome three-roll stack in a prescribed pattern. Each chrome roll is set at a prescribed temperature, controlled by water circulation.

Exiting the controlled cooling of the roll stack, the geomembrane travels down the take off haulers towards the winder. On the way to the take off, the liner is trimmed to bring the finished width to the applicable standard. Trimmings are granulated.

The trimmed edge of one side of the geomembrane is marked every meter (3.28 ft) with thickness, resin type (HDPE or LLDPE), Agru America name, and year of manufacture. This marking also serves as product identification.

The geomembrane is visually inspected for surface defects as it travels down the take off by both the extruder and the winder operators.

The geomembrane is wound on a recycled HDPE core having 6” ID (150mm), 7” OD (175mm) and 22’8” (6.8m) length.

Each standard length roll weighs approximately 3,900 pounds (1770 kg.). Rolls are fitted with two nylon slings when shipped.

Post Extrusion Quality Control

Once start-up conditions are over and commercial extrusion is initiated, post-production quality control comes into operation. A series of test procedures are performed based upon either our standard frequency of testing (attached), or frequencies required by customer specifications.

A sample approximately 11” by the full width of the geomembrane is taken from every roll. Based on the specified test frequencies, certain specimens are die cut, tested, and the results summarized on the Quality Certificate issued by our Quality Control Department. The certificate is signed electronically by the Quality Control Manager. The Quality Control Manager reports directly to the President of the Company.

Rolls failing to comply with either customer project specifications and/or our own latest revision to our published data sheets are set aside and re-classified as off-spec (Class B rolls).

Quality Certificates are provided for all rolls of geomembrane (sample smooth & Microspike® certificates are attached) with the exception of off-spec (Class B rolls).

Sometimes a third party quality assurance representative is mandated by the owner of a project to oversee our manufacturing QA. We gladly subscribe to this procedure and make all our records available 24 hours a day for the duration of the mandate. The following roll identification items are reported in our Quality Certificate:

Roll number (Prior to Sept 2013)

(example) **202366 -13**

2	0 2	3	6 6	-	1 3
MACH ID	**WEEK**	**DAY OF WEEK (MON = 1)**	**COUNTER FOR WEEK**		**YEAR**

First digit	machine
Second and third digits	week of year
Fourth digit	day of week (Monday=1, Sunday=7)
Last two digits	roll number (first roll of week is 01, etc.)

The two last digits separated from the others indicate the year the roll was produced. Using the above key:
Roll #202366 -13 was produced on Machine #2 on Wed. in the second week in 2013 (1/16/13).

Roll number (After Sept 2013)

(example) **G13E383069**

G	1 3	E	3 8	3	0 6 9
PLANT ID	**YEAR**	**MACHINE ID**	**WEEK**	**DAY OF WEEK (MONDAY = 1)**	**COUNTER FOR WEEK**

First digit	Plant (G=Georgetown / F=Fernley)
Second and Third digits	Year (13 = 2013)
Fourth digit	Machine ID
Fifth & Sixth digits	Week in the current year
Seventh digit	day of week (Monday=1, Sunday=7)
Last three digits	counter for the week (starts at 001)

Using the above key:
Roll #G13E383069 was produced on Georgetown, on Machine E on Wed. in the 38th week in 2013 (9/18/13).

Product Description (liner type: Smooth, Microspike®, Drain®, Super Gripnet®, etc.)

Roll Length & Width in feet / meters, thickness in mils / mm.

Raw material lot and/or batch number and supplier/product identification (from resin manufacturer's Certificate of Analysis – sample attached)

All geomembrane rolls are labeled as follows:

- roll stickers on the cores for each roll
- roll stickers on the outside of the finished roll
- written (Paint Pen) roll numbers on each face (flat ends)
- written (Paint Pen) roll numbers on the outside of the finished roll.

The following test results are reported in the Geomembrane Quality Certificate, derived from our standard test frequency (attached) and/or supplied raw material manufacturer Certificates of Analysis. Tests performed are the latest revisions of the standards listed. At a minimum this meets or exceeds GRI GM 13/17 requirements:

Test / Method	Results Reported & Modifications to Standard (if any)
Thickness †ASTM D5199(Smooth) †ASTM D5994(Textured) **(Both Modified)**	Minimum, Maximum, and Average Sheet Thickness in mm and mils. **Modification from Standard** = Measurements are taken upon sample reaching Lab Temperature Equilibrium.
Asperity Height †ASTM D7466 **(Modified)** Textured liner only	Asperity height in mils **Modifications from Standard** = Edge samples are collected from the smooth/textured junction, **not** 1 foot from edge. ASTM D5994 specimens are used for this test, not direct placement.
Density †ASTM D792 method B	Density in g/cc
Melt Flow Index †ASTM D1238	g/10minutes (Conditions =190°C, 2.16kg). **NOTE:** Resin Manufacturer's **Certificate of Analysis result** is reported. Our testing
Carbon Black Content †ASTM D4218	% Carbon Black by weight
Carbon Black Dispersion †ASTM D5596	Category (Only near spherical agglomerates per GRI GM 13 & 17)
Tensile Strength †ASTM D6693 Type IV, 2 inches / minute **(Modified)**	Average Strength @ Yield & Break in psi, ppi, & N/mm Average Elongation @ Yield & Break in % **Modification from Standard** = Average of MD & TD results are reported **NOTE 1:** The D6693 results equate to the following **NOTE 2:** Yield data not reported for LLDPE
Tear Resistance †ASTM D1004 **(Modified)**	Tear Resistance in Lbs & N. **Modifications from Standard** = Test is run upon sample reaching Lab Temperature Equilibrium. Average Tear Resistance of MD & TD is reported.
Puncture Resistance †ASTM D4833 **(Both Modified)**	Puncture Resistance in Lbs & N. **Modification from Standard** = Test is run upon sample reaching Lab Temperature Equilibrium.
Notched Constant Tensile Load †ASTM D5397 (Single Point, Appx.)	Pass / Fail at 500 hours (or as required by customer specifications). First roll of new resin lot tested. This test is run on HDPE only, and on smooth edge of textured liners.
Oxidative Induction Time (OIT) †ASTM D3895 Standard, 200°C, 1atm.	OIT Time in minutes. **Modification from Standard** = One run only – if result is below 140 minutes, a second run is done to verify the first.

The following test methods are now certified by Agru America based on historical results, as they are not required by the GRI GM13 / 17, and are not considered typical MQC tests.

Test / Method	Results Certified
Low Temperature Brittleness ASTM D746	Pass / Fail for each specimen (5 specimens in both MD & TD), 100 % of samples passing. Results Certified to -80°C (-112°F)
ESCR †ASTM D1693	Pass / Fail for each specimen (5 specimens in both MD & TD), 100 % of samples passing. Results Certified to 2,000 hours
Dimensional Stability †ASTM D1204 **(Modified)**	15 minutes or 1 hour at 100°C Results Certified to ± 2% for all geomembranes

†GRI-LAP Accredited for this method (INCLUDING Modifications)

In addition to the testing described above, an in-house procedure is performed within the smooth edges of Textured (Microspike DS & SS) and Structured (Supergrip, Grip, Drain, MicroDrain) liner by the QC Lab in both plants.

Summarized, the procedure is a modified Graves Tear test (ASTM D1004), testing 2 specimens taken in the cross machine direction, and 2 specimens from the machine direction from within the smooth edges. Both the individual specimen results and the specimens themselves are checked. This test is currently being performed on each test roll (each time a tensile test is performed) produced in both plants.

The average result will be reported on the geomembrane roll Quality Certificates.

In addition to our MQC testing, Agru America will continually strive to produce superior products with isotropic characteristics.

Drainage Net (Geonet)

AGRU America drainage net is made from a blend of high quality HDPE resin and a carbon black masterbatch. The purpose of the carbon black is to protect the plastic from UV damage in the field application.

All raw materials as well as the finished products are consistently monitored by specially trained lab technicians. Raw materials are tested as above for Geomembrane.

The blend of raw materials is plasticized by an extruder, which presses the melt through a screen changer to filter out impurities. The plastic is then fed into a rotating die which creates the net. The cooling of the net takes place in a water tank at a tightly controlled temperature. A series of nip rollers pull the net out of the tank and through the downstream equipment to the winders. The net is cut to length automatically and wound onto a 4" OD cardboard core.

Before the finished rolls are taken out of the winder frame, the quality control technician either releases the material into stock or classifies the material as scrap.

When approved by QC, the rolls are transferred to the storage yard.

Geocomposite

In addition to the drainage net, AGRU America offers geocomposites which consist of geotextiles laminated to one or both sides of the net.

All geotextiles used for this lamination process are being inspected to meet AGRU America's (or project) specifications.

The lamination process takes place just before the net reaches the winders at the end of the extrusion line. After melting the surface of the HDPE drainage net, a geotextile is pressed into the net by means of a calender. The outer 6 inches of net are not laminated and the geotextile overlaps the net by an additional 6 inches on both sides of the product.

Before the finished rolls are taken out of the winder frame, the quality control technician either releases the material into stock or classifies the material as scrap.

When approved by QC, the rolls are stretch wrapped and transferred to the storage yard. All drainage net and geocomposite rolls are labeled as follows:

- one label on each face of the roll
- two hand written roll numbers on the stretch wrap packaging
- one label on the laboratory sample
- numbering system is as above for geomembrane

The following test results are reported in the Geonet/Composite Quality Certificate, derived from our test results and/or supplied raw material manufacturer Certificates of Analysis. Tests performed are the latest revisions of the Standards listed:

Test / Method	Results Reported & Modifications to Standard (if any)
Thickness (Geonet) †ASTM D5199	Minimum, Maximum, and Average Geonet Thickness in mm and mils. **Modification from Standard** = Measurements are taken upon sample reaching Lab Temperature Equilibrium. English Units reported
Density (Geonet) †ASTM D792	Geonet Density in g/cc
Melt Flow Index (Geonet) †ASTM D1238	g/10minutes (Conditions =190°C, 2.16kg). **NOTE:** Resin Manufacturer's **Certificate of Analysis result** is reported. Our testing verifies this result.
Carbon Black Content (Geonet) †ASTM D4218	% Carbon Black by weight
Peak Tensile Strength (Geonet) †ASTM D5035 or †ASTM D7179 **(Both Modified)**	MD Only tested, TD upon request only. Peak Strength @ Break in ppi **Modification from Standard** = English Units reported
Mass Per Unit Area (Geonet) †ASTM D5261	Average Mass per Unit Area in lb/ft^2 **Modification from Standard** = English Units reported
Transmissivity (Geonet) †ASTM D4716	Transmissivity, m^2 / sec Plate to Plate , 21°C, **gradient = 0.1, load = 10,000psf, seat time = 15 minutes** is Agru America's Standard Geonet MQC Transmissivity test (may be changed per project MQC specs)
Transmissivity (Geocomposite) †ASTM D4716	Transmissivity, m^2 / sec Plate to Plate , 21°C, **gradient = 0.1, load = 10,000psf, seat time = 15 minutes** is Agru America's Standard Geocomposite MQC Transmissivity test (may be changed per project MQC specs)
Ply Adhesion (Geocomposite) †ASTM D7005	Peel Strength, lbs/in, min. ave.

†GRI-LAP Accredited for this method (INCLUDING Modifications)

Geomembrane Standard Frequency of Testing

Product Data

Property	Test Method	Frequency of testing (minimum)*
Thickness (min. ave.), mil	ASTM D5994/D5199	per roll
Asperity Height (min. ave.), mil	ASTM D7466	per roll, for textured liner
Density, g/cc, minimum	ASTM D792, Method B	200,000 lbs (railcar) on finished liner & incoming resin
Tensile Properties (ave. both directions)	ASTM D6693, Type IV	
Strength @ Yield (min. ave.), lb/in width	2 in/minute	20,000 lbs
Elongation @ Yield (min. ave.), % (GL=1.3in)	5 specimens in each direction	20,000 lbs
Strength @ Break (min. ave.), lb/in width		20,000 lbs
Elongation @ Break (min. ave.), % (GL=2.0in)		20,000 lbs
Tear Resistance, lbs. (min. ave.)	ASTM D1004	45,000 lbs
Puncture Resistance, lbs. (min. ave.)	ASTM D4833	45,000 lbs
Carbon Black Content (range in %)	ASTM D4218	20,000 lbs
Carbon Black Dispersion (Category)	ASTM D5596	45,000 lbs
Stress Crack Resistance (NCTL), hours	ASTM D5397, Appendix	200,000 lbs (railcar)
Oxidative Induction Time, minutes	ASTM D3895, 200°C, 1 atm O_2	200,000 lbs (railcar) on finished liner
Melt Flow Index, g/10 minutes	ASTM D1238, 190°C, 2.16kg	200,000 lbs (railcar) on incoming resin
Oven Aging with HP OIT, (% retained after 90 days)	ASTM D5721 ASTM D5885, 150°C, 500psi O_2	per resin formulation
UV Resistance with HP OIT, (% retained after 1600 hours)	ASTM D7238 ASTM D5885, 150°C, 500psi O_2	per resin formulation
2% Secant Modulus, lb/in. (max.)	ASTM D5323	per resin formulation-**for LLDPE liner only**
Axi-Symmetric Break Resistance Strain, % (min.)	ASTM D5617	per resin formulation-**for LLDPE liner only**

These test frequencies meet or exceed GRI's GM13 and GM17.
***Theses test frequencies may be changed based on project specifications, and represent the minimum MQC testing performed.**
Additional costs may be incurred if required testing is greater than listed above

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru America as to the effects of such use or the results to be obtained, nor does Agru America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

500 Garrison Road, Georgetown, South Carolina 29440 843-546-0600 800-373-2478 Fax: 843-527-2738
email: salesmkg@agruamerica.com www.AgruAmerica.com

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Geonet, Geotextile and Geocomposite Standard Frequency of Testing

Geonet Component[4]

Property	Test Method	Frequency of Testing (min.)*
Thickness, (mm)	ASTM D5199	per 50,000 ft^2
Peak Tensile Strength, lbs./in. (MD)	ASTM D5035/ASTM D7179	per 50,000 ft^2
Melt Flow Index, g/10 minutes (max.)	ASTM D1238, 190°C, 2.16 kg	per resin lot (railcar) on incoming resin
Density, g/cm^3	ASTM D792, Method B	per 50,000 ft^2 on finished net per resin lot (railcar) on incoming resin
Carbon Black Content	ASTM D4218	per 50,000 ft^2
Transmissivity[1], m^2/sec.	ASTM D4716	per 500,000 ft^2

Geotextile Component[4]

Property	Test Method	Frequency of Testing (min.)*
Mass per Unit Area, oz./sq. yd.	ASTM D5261	per 100,000 ft^2
Grab Tensile Strength, lbs.	ASTM D4632	per 100,000 ft^2
Grab Elongation, %	ASTM D4632	per 100,000 ft^2
Trapezoidal Tear, lbs.	ASTM D4533	per 100,000 ft^2
Puncture, lbs.	ASTM D4833	per 100,000 ft^2
Permittivity[2], sec.$^{-1}$	ASTM D4491	per 540,000 ft^2
Water Flow[2], gpm./ft^2	ASTM D4491	per 540,000 ft^2
Apparent Opening Size,[2] U.S. Stnd Sieve Size (max.)	ASTM D4751	per 540,000 ft^2
UV Resistance after 500 hours, % Strength Retained	ASTM D4355	per resin formulation

Geocomposite

Property	Test Method	Frequency of Testing (min.)*
Laminated Strength (Ply Adhesion), lbs./in.	ASTM D7005	per 50,000 ft^2
Transmissivity[3], m^2/sec.	ASTM D4716	per 500,000 ft^2

***These test frequencies may be changed based on project specifications, and represent the minimum MQC testing performed. Additional costs may be incurred if required testing is greater than listed above.**

Notes: 1. Geonet Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.
2. At time of manufacture. Handling may change these properties.
3. Geocomposite Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.
4. Component Properties are prior to Lamination

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru America as to the effects of such use or the results to be obtained, nor does Agru America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

500 Garrison Road, Georgetown, South Carolina 29440 843-546-0600 800-373-2478 Fax: 843-527-2738
email: salesmkg@agruamerica.com www.AgruAmerica.com

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CPChem

Certificate of Analysis

Shipped To: AGRU AMERICA INC:GEORGETOWN
500 GARRISON RD
GEORGETOWN SC 29440-9688
USA

Recipient: PALMER
Fax:

Delivery #: 88834459
PO #: 8206
Weight: 185400 LB
Ship Date: 04/11/2014
Package: BULK
Mode: Hopper Car
Car #: PSPX002181
Seal No: 322565

Product:
MARLEX POLYETHYLENE K307 BULK

Lot Number: H7240417

Property	Test Method	Value	Unit
Melt Index	ASTM D1238	0.22	g/10mi
HLMI Flow Rate	ASTM D1238	21	g/10mi
Density	D1505 or D4883	0.938	g/cm3
Pellet Count	P02.08.03	27	pel/g
Production Date		03/29/2014	

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP (CPChem). **However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.**

Troy Griffin
Quality Systems Coordinator

For CoA questions contact Customer Service Representative at +1-832-813-4806

APPENDIX P2

GDL Installer Qualifications Documentation

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ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.
Welcome...
(225) 291-2700
www.esiliners.com



ESI: Baton Rouge

Operations Center


Regional offices:
Columbia, SC
Oconomowoc, WI


OUR HISTORY
Founded in 1996.
Full service landfill construction and full service piping company.
Capable of performing civil earthwork construction .
Supply & install leachate collection systems, landfill gas systems and leachate forcemain systems.
A leading geosynthetic installer in the USA.


APPLICATIONS AND SERVICES AREAS ESI WORKS (both LF & Industrial)
Landfill Containment & Capping
Hazardous Waste Containment
Soil Capping Projects
Mining Applications
Tank Farms
Gypsum Stacks
Vapor Barriers
Superfund Sites
Department of Energy Sites (DOE)
US Army Corps of Engineer
Leachate Collection Systems
Leachate Collection Pumping Systems
Manholes, Valve Boxes, Sump Fabrication
Energy Plants
Water Treatment Facilities
Sewage Lagoons
Secondary Containment
Pond Liners
Water Storage Reservoirs
Rain Tarps
Petrochemical Plants
Aquaculture Applications
Paper Mills
Dual Contained Force Main
Riser Pipes


ABOUT US
ESI completes landfill construction, geosynthetic lining systems and multiple HDPE pipe installations with our own forces that operate out of our Baton Rouge, Louisiana operations center.


SAFETY: #1 GOAL
ESI prides itself on its past and current safety record and continually strives to achieve a Zero Accident Rate. ESI's EMR is 0.79



JOHN HENDRY
Insurance Agency, Inc.

Trusted Choice

February 5, 2014

Ashton Vidrine
Environmental Specialties International, Inc.
7963 Prene Lane, Suite A
Baton Rouge, LA 70809

Re: WC Experience Modifiers

Ashton,

Per your request, here are the experience modification rates for Environmental Specialties International, Inc. for the years 2010 – 2014.

4/1/2010	.72
4/1/2011	.72
4/1/2012	.77
4/1/2013	.82
4/1/2014	.79

If you need any further information, please don't hesitate to let me know.

Regards,

Paul R. Owen, CIC, CRM

Visit us on Facebook

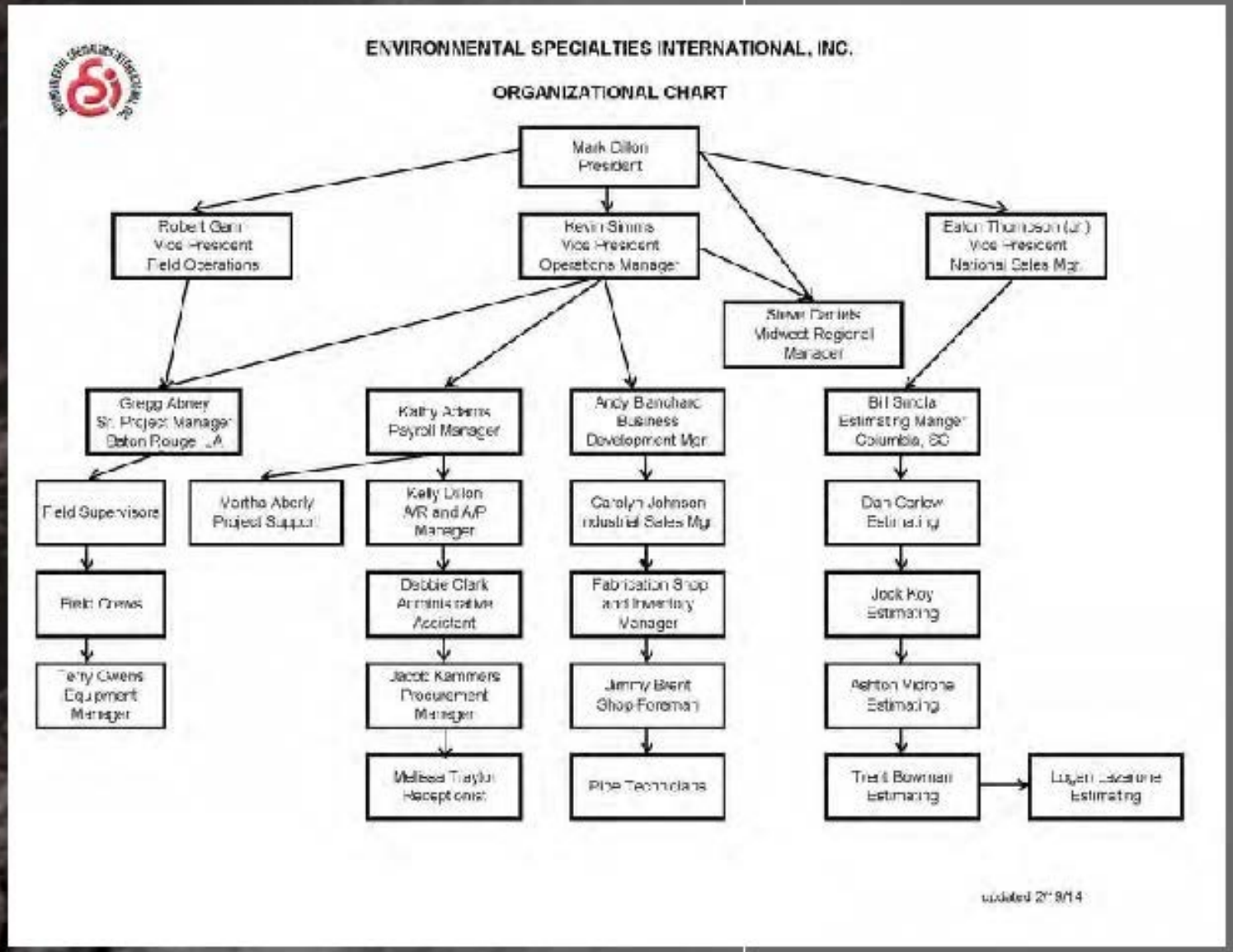

PRODUCTS
HDPE , LLDPE , Geosynthetic
Clay Liner, Geonet,
Geotextile, Composite,
Pipe: - Pipe Fittings


CORE VALUES
• Management
• Quality
• Experience
• Capabilities / Turn Key

In 2013, ESI installed 156,500,000 SF of combined geosynthetics




Since 1996, ESI has installed over
One Billon SF of combined
geosynthetics


ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.
ORGANIZATIONAL CHART
Mark Dillon
President
Robert Gant
Vice President
Field Operations
Kevin Simms
Vice President
Operations Manager
Eaton Thompson (Jr.)
Vice President
National Sales Mgr.
Steve Daniels
Midwest Regional
Manager
Gregg Abney
Sr. Project Manager
Baton Rouge, LA
Kathy Adams
Payroll Manager
Andy Banchaic
Business
Development Mgr.
Bill Sincla
Estimating Manger
Columbia, SC
Field Supervisors
Martha Aberly
Project Support
Kelly Dillon
MR and A/P
Manager
Carolyn Johnson
Industrial Sales Mgr.
Dan Carlew
Estimating
Field Crews
Debbie Clark
Administrative
Assistant
Fabrication Shop
and Inventory
Manager
Jack Roy
Estimating
Terry Owens
Equipment
Manager
Jacob Kammers
Procurement
Manager
Jimmy Brent
Shop Foreman
Ashton Vidrine
Estimating
Melissa Traylor
Receptionist
Pipe Technicians
Trent Bowman
Estimating
Logan Lavallee
Estimating
updated 2/19/14


APPLICATIONS AND SERVICES AREAS ESI WORKS (Industrial Division)
Landfills, Lagoons, Pond Liners
Secondary Containment Systems
Vapor Barriers
Trenches, Sumps, Drain Liners
Ringwalls
HDPE, PVC, Polypro Pipe and Fittings
Geomembrane Liners (HDPE, PP, PVC, Hypalon, etc.)
Geocomposites
Geonets
Geogrids
Geotextiles (Woven, Nonwoven, High Strength)
Geosynthetic Clay Liners (GCL)
Embed Liners for Concrete
HDPE, PVC, PP Sheet Stock
Valves
Corrugated Plastic Pipe
Dual Contained Piping
Custom Fabricated Pipe Spools
Manholes, Valve Boxes, Sump Fabrication
Pump Manifolds
Firewater Systems (FM Approved)
Potable Water Piping (AWWA C906 NSF 61)
Piping for Filter Press Systems
Pipe Fusion Equipment Rentals
Hydrotest and Turnkey Installations

ESI AS A PRIME SUBCONTRACTOR HAS WORKED ON THE FOLLOWING RCRA SITES. ESI'S SCOPE INCLUDED BUT WAS NOT LIMITED TO ALL REQUIRED SUBMITTALS, ALL REQUIRED WORK PLANS AND THE SELECTION, APPROVAL AND PROCUREMENT OF THE ALL GEOSYNTHETIC MATERIALS.

NAME OF PROJECT:	**Washington Hanford ERDF Super Cells 9 & 10**
LOCATION:	Richland, WA
CUSTOMER CONTACT:	Kurt Massey (541) 567-8693 e-mail: kmassey@delhur.com
NAME OF OWNER:	Department of Energy – Washington Hanford Site
ADDRESS OF OWNER:	200 West Area Hanford Richland, WA 99354
CONTRACTOR:	TradeWinds Services, LLC
CONTACT:	Kurt Massey
POSITION:	Project Manager
TELEPHONE:	(541) 567-8693
BID AMOUNT:	$ 3,815,000.00
FINAL COST TO OWNER:	$ 4,299,000.00
CONTRACT TIME AS-BID	Two (2) years
COMMENCMENT DATE:	May 2010 COMPLETION DATE: December 2010
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	3,078,000 SF – 60 Mil Textured White/Black HDPE Liner 2,081,000 SF – Double-Sided Composite 998,000 SF – 16 Ounce Non-Woven Geotextile 998,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Department of Energy – Oak Ridge Reservation Landfills**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy
ADDRESS OF OWNER:	Bethel Valley Road Oak Ridge, TN 37830
CONTRACTOR:	Avisco
CONTACT:	Chuck Keith e-mail:chuckk@avisco.com
POSITION:	Project Manager
TELEPHONE:	(865) 276 - 1379
BID AMOUNT:	$ 290,000.00
FINAL COST TO OWNER:	$ 304,571.00
COMMENCMENT DATE:	September 2010
COMPLETION DATE:	October 2010

NAME OF PROJECT:	**Department of Energy – Oak Ridge Reservation Landfills (continued)**
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	220,000 SF – 40 Mil Polypropylene Liner
	27,000 SF – High Strength Composite 16 Ounce Geotextile
	220,000 SF – 16 Ounce Non-Woven Geotextile
	220,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Oak Ridge National Lab – Accelerated Cleanup Project EMWMF Cell 6**
LOCATION:	Oak Ridge, TN
CUSTOMER CONTACT:	Narendran Ramachandran (865) 574 – 2911
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bear Creek Road Trailer 998T75 Oak Ridge, TN 37831
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Narendran Ramachandran, P.E.
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
POSITION:	Subcontractor Technical Representative
TELEPHONE:	(865) 574 - 2911
BID AMOUNT:	$ 723,000.00
FINAL COST TO OWNER:	$ 693,596.00
CONTRACT TIME AS-BID:	105 Working Days
COMMENCMENT DATE:	September 2010 COMPLETION DATE: October 2010
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	523,000 SF – 60 Mil Textured HDPE Liner
	360,000 SF – Double-Sided Composite
	183,000 SF – 16 Ounce Non-Woven Geotextile
	176,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Oak Ridge National Lab – Accelerated Cleanup Project EMWMF Cell 5**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bear Creek Road Trailer 998T75 Oak Ridge, TN 37831
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Narendran Ramachandran, P.E.
E-MAIL:	RAMACHANDRAN@bechteljacobs.org
POSITION:	Subcontractor Technical Representative
TELEPHONE:	(865) 574 - 2911
BID AMOUNT:	$ 710,000.00
FINAL COST TO OWNER:	$ 755,000.00
COMMENCMENT DATE:	October 2009
COMPLETION DATE:	December 2009
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetics
QUANTITIES:	613,000 SF – 60 Mil Textured HDPE Liner
	377,000 SF – Double-Sided Composite
	253,800 SF – 16 Ounce Non-Woven Geotextile
	259,000 SF – 8 Ounce Non-Woven Geotextile

NAME OF PROJECT:	**Escambia Wood Treatment Superfund Site**
LOCATION:	Pensacola, FL
NAME OF OWNER:	Black & Vetch c/o The Environmental Protection Agency
ADDRESS OF OWNER:	1120 Sanctuary Parkway Alpharetta, GA 30004
CONTRACTOR:	Oasis Construction Services
CONTACT:	Allan Brantley
POSITION:	Project Engineer
ADDRESS:	4822 Lake Forest Drive, NE Atlanta, GA 30342
TELEPHONE:	(678) 427 - 2533
BID AMOUNT:	$ 2,219,507.00
FINAL COST TO OWNER:	$ 2,306,554.00
COMMENCMENT DATE:	September 2008
COMPLETION DATE:	October 2009
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells and Cap
QUANTITIES:	1,253,000 SF – 60 Mil Textured HDPE Liner 1,253,000 SF – Geosynthetic Clay Liner 1,253,000 SF – Double-Sided Geocomposite

NAME OF PROJECT:	**Landwell/Basic Remediation Restoration Site**
LOCATION:	Henderson, NV
NAME OF OWNER:	Basic Remediation
ADDRESS OF OWNER:	Warm Springs Road Henderson, NV 89011
CONTRACTOR:	Entact Services, LLC
CONTACT:	Erik Gerhinger
POSITION:	Project Engineer
ADDRESS:	699 South Friendswood Drive Suite 101 Friendswood, TX 77546
TELEPHONE:	(561) 707 - 7088
BID AMOUNT:	$ 6,619,043.00
FINAL COST TO OWNER:	Job is in Progress
COMMENCMENT DATE:	July 2007
COMPLETION DATE:	Job is in Progress
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells and Cap
AND QUANTITIES:	4,204,946 SF – 60 Mil Textured HDPE Liner 4,204,946 SF – Geosynthetic Clay Liner 4,204,946 SF – Double-Sided Geocomposite

NAME OF PROJECT:	**Melton Valley Hydrological Isolation Project**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Department of Energy - Oak Ridge National Labs
ADDRESS OF OWNER:	Bethel Valley Road Bldg 7078-B, MS 6402 Oak Ridge, TN 37830
CONTRACTOR:	Bechtel Jacobs
CONTACT:	Hope McCalley 865-574-9743 e:mail - QH9@bechteljacobs.org
POSITION:	Procurement Manager
TELEPHONE:	(865) 576 - 0748
BID AMOUNT:	$ 6,100,000.00
FINAL COST TO OWNER:	$ 7,000,000.00
COMMENCMENT DATE:	June 2004

NAME OF PROJECT:	**Melton Valley Hydrological Isolation Project (continued)**
COMPLETION DATE:	June 2006
SCOPE OF WORK	Subcontractor – Supply & Install Geosynthetic Barrier
QUANTITIES:	4,990,356 SF – 40 Mil LLDPE Liner
	3,640,950 SF – Geosynthetic Clay Liner
	4,891,600 SF – Composite
	120,000 SF – Geogrid

*** ESI RECEIVED SMALL BUSINESS SUBCONTRACTOR OF THE YEAR AWARD FOR 2004 FROM BECHTEL JACOBS***

NAME OF PROJECT:	**Oak Ridge National Labs SWSA 4 Closure**
LOCATION:	Oak Ridge, TN
NAME OF OWNER:	Oak Ridge National Labs
ADDRESS OF OWNER:	Bethel Valley Road Bldg 7078-B, MS 6402 Oak Ridge, TN 37830
CONTRACTOR:	MACTEC
CONTACT:	Steve Beck
POSITION:	Project Manager
ADDRESS:	105 Fordham Road Oak Ridge, TN 37830
TELEPHONE:	(865) 483 - 9622
BID AMOUNT:	$ 1,765,800.00
FINAL COST TO OWNER:	$ 2,100,000.00
COMMENCMENT DATE:	June 2003
COMPLETION DATE:	September 2004
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Barrier
QUANTITIES:	1,474,233 SF – 40 Mil LLDPE Liner
	1,474,233 SF – Geosynthetic Clay Liner
	1,474,233 SF - Composite

NAME OF PROJECT:	**Fluor Fernald OSDF Geomembrane Welding 2006**
LOCATION:	Hamilton, OH
NAME OF OWNER:	Fluor Fernald
ADDRESS OF OWNER:	7400 Willey Road Hamilton, OH 45013
CUSTOMER CONTACT:	Alan Hohnhorst
CUSTOMER TELEPHONE:	(513) 478 - 7086
DESIGN ENGINEER:	GeoSyntec
CONTACT:	Jim Fleck
POSITION:	Engineer
TELEPHONE:	(513) 266-6949
BID AMOUNT:	$ 253,569.00
FINAL COST TO OWNER:	$ 343,129.00
COMMENCMENT DATE:	July 2006
COMPLETION DATE:	September 2006
SCOPE OF WORK:	Subcontractor – Install Geosynthetic Cap
QUANTITIES	10 Acres – Cushion Geotextile Layer
	10 Acres - Geosynthetic Clay Liner
	10 Acres - 80 Mil Smooth & Textured Liner

NAME OF PROJECT:	**Whitehouse Waste Oil Pits Superfund Site**
LOCATION:	Jacksonville, FL
NAME OF OWNER:	EPA Operated Site
ADDRESS OF OWNER:	270 North Chaffee Road Jacksonville, FL 32220
CONTRACTOR:	Entact, Inc.
CONTACT:	Erik Gehringer
POSITION:	Project Engineer
ADDRESS:	699 South Friendswood Drive Suite 101 Friendswood, TX 77546
TELEPHONE:	(561) 707 - 7088
BID AMOUNT:	$ 1,063,335.00
FINAL COST TO OWNER:	$ 1,063,335.00
COMMENCMENT DATE:	November 2005
COMPLETION DATE:	January 2006
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	509,803 SF – 40 Mil Smooth LLDPE Liner
	509,803 SF – Geosynthetic Clay Liner
	718,000 SF – Double-Sided Composite
	2,200 LF – 4” HDPE SDR 17 Gas System

NAME OF PROJECT:	**Dupont Chambers Works SWMU 52**
LOCATION:	Deepwater, NJ
NAME OF OWNER:	Dupont
ADDRESS OF OWNER:	Deepwater, NJ 08023
CONTRACTOR:	Entact, Inc.
CONTACT:	Shawn Todaro
POSITION:	Project Engineer
ADDRESS:	200 Centreport Drive Suite 350 Greensboro, NC 27409
TELEPHONE:	(336) 790 - 4902
BID AMOUNT:	$ 245,425.00
FINAL COST TO OWNER:	$ 245,425.00
COMMENCMENT DATE:	October 2006
COMPLETION DATE:	November 2006
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	129,586 SF – 40 Mil Smooth LLDPE Liner
	129,586 SF – Geosynthetic Clay Liner
	129,586 SF – Double-Sided Composite

NAME OF PROJECT:	**US Steel – CAMU 1 and 2**
LOCATION:	Gary, IN
NAME OF OWNER:	US Steel
ADDRESS OF OWNER:	86 North Bridge Street Gary, IN 46404
CONTRACTOR:	Earth Tech
CONTACT:	Ed Ould
POSITION:	Project Manager
ADDRESS:	86 North Bridge Street Gary, IN 46404
TELEPHONE:	(804) 515 - 8300
BID AMOUNT:	$ 3,462,000.00
FINAL COST TO OWNER:	$ 4,345,557.00
COMMENCMENT DATE:	April 2002

NAME OF PROJECT:	**US Steel – CAMU 1 and 2 (continued)**
COMPLETION DATE:	January 2003
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Materials for Cells
QUANTITIES:	1,250,000 SF – 60 Mil Textured HDPE Liner on 2:1 Slope
	2,235,000 SF - 60 Mil Smooth Liner
	1,735,000 SF – Geosynthetic Clay Liner
	2,392,000 SF – Composite
	1,352,000 SF – Geotextile

NAME OF PROJECT:	**Lakeland Disposal Final Closure**
LOCATION:	Warsaw, IN
NAME OF OWNER:	Lakeland Disposal Facility
ADDRESS OF OWNER:	5854 South 450 West Claypool, IN 46510
CONTRACTOR:	Entact
CONTACT:	Caroline Panico
POSITION:	Project Manager
ADDRESS:	1360 N. Wood Dale Road Suite A Wood Dale, IL 60191
TELEPHONE:	(630) 616 - 2100
BID AMOUNT:	$ 593,307.00
FINAL COST TO OWNER:	$ 610,878.00
COMMENCMENT DATE:	March 2002
COMPLETION DATE:	September 2002
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	980,000 SF – 40 Mil Textured LLDPE Liner
	990,000 SF – Drainage Geocomposite

NAME OF PROJECT:	**Dupont Dry Run Closure**
LOCATION:	Lubeck, WV
NAME OF OWNER:	Dupont
ADDRESS OF OWNER:	795 Dry Run Lane Lubeck, WV 26101
CONTRACTOR:	Entact, Inc.
CONTACT:	Shawn Todaro
POSITION:	Project Engineer
ADDRESS:	200 Centreport Drive Suite 350 Greensboro, NC 27409
TELEPHONE:	(336) 790 - 4902
BID AMOUNT:	$ 1,058,523.00
FINAL COST TO OWNER:	$ 1,053,423.00
COMMENCMENT DATE:	July 2007
COMPLETION DATE:	August 2007
SCOPE OF WORK:	Subcontractor – Supply & Install Geosynthetic Cap
QUANTITIES:	967,365 SF – 40 Mil Smooth & Textured LLDPE Liner
	967,365 SF – Geosynthetic Clay Liner
	967,365 SF – Double-Sided Composite

THE FOLLOWING LIST REPRESENTS CONDUCTIVE DOUBLE-LINED BRINE PONDS

NAME OF PROJECT:	**Perryville Cardinal Gas Brine Pond**
LOCATION:	Winnsboro, LA
NAME OF OWNER:	Cardinal Gas
ADDRESS OF OWNER:	210 Hill Ridge Road Winnsboro, LA 71295
CUSTOMER CONTACT:	Matt Milton Beard Constr. e-mail: mmilton@beardconstructiongroup.com
CUSTOMER TELEPHONE:	(225) 387 - 2339
DESIGN ENGINEER:	URS Washington Group
CONTACT:	Bruce Lamb e-mail: Bruce.Lamb@wgint.com
POSITION:	Engineer
TELEPHONE:	
BID AMOUNT:	$ 992,449.00
FINAL COST TO OWNER:	$ 990,633.00
COMPLETION DATE:	September 2010
SCOPE OF WORK & QUANTITY:	920,000 SF – 60 Mil White/Black Conductive HDPE Liner * 458,000 SF - HDPE Geonet 458,000 SF - Single-Sided Composite

***The entire liner system was spark tested**

NAME OF PROJECT:	**Enterprise Products Co. – Wilson Ethane Storage**
LOCATION:	Boling, TX
NAME OF OWNER:	Enterprise Products Co.
ADDRESS OF OWNER:	2020 County Road 103 Boling, TX 77420
CUSTOMER CONTACT:	Bryan Tassin Beard Constr. e-mail: btassin@beardconstructiongroup.com
CUSTOMER TELEPHONE:	(225) 387 - 2339
DESIGN ENGINEER:	Conestoga Rovers & Associates
POSITION:	Engineer
BID AMOUNT:	$ 466,006.00
FINAL COST TO OWNER:	$ 470,191.00
COMPLETION DATE:	March 2012
SCOPE OF WORK & QUANTITY:	270,000 SF – 40 Mil White/Black Conductive HDPE Liner * 270,000 SF - 60 Mil White/Black Conductive HDPE Liner * 270,000 SF - HDPE Geonet

***The entire liner system was spark tested**

NAME OF PROJECT:	**Petrologistics Brine Pond Liner Replacement**
LOCATION:	Sulphur, LA
NAME OF OWNER:	Petrologistics, LLC
ADDRESS OF OWNER:	2200 West Burton Avenue, Sulphur, LA 70663
CUSTOMER:	Turner Specialty Services
CUSTOMER CONTACT:	Brad Buller e-mail: bbuller@turner-industries.com

CUSTOMER TELEPHONE:	(225) 214-2755
DESIGN ENGINEER:	Levingston Engineers
CONTACT:	David Allardyce e-mail: david.allardyce@levingston.com
BID AMOUNT:	$97,775.00
FINAL COST TO OWNER:	$88583.00
COMPLETION DATE:	April 2010
SCOPE OF WORK & QUANTITY:	189,000 SF – 60 mil Black Smooth HDPE Liner

THE FOLLOWING LIST REPRESENTS POWER PLANT PROJECTS

NAME OF PROJECT:	**Cleco Power LLC Brame Energy Center Cell 2**
LOCATION:	275 Rodemacher Road, Lena, LA 71447
CUSTOMER CONTACT:	Gary Jewell James Construction Group gjewell@jcgllc.com
CUSTOMER NUMBER:	(225) 295-4830
NAME OF OWNER:	Cleco Power LLC
ENGINEER FIRM:	Providence Engineering and Environmental Group
ENGINEERS CONTACT:	Gary Leonards - PE e-mail: garyleonards@providenceeng.com
TELEPHONE:	(225) 766-7400
BID AMOUNT:	$2,001,796.98
FINAL COST TO OWNER:	$2,050,280.82
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	986,952 SF - 40 Mil Textured HDPE Liner 986,952 SF - 60 Mil Textured HDPE Liner 835,240 SF - Unreinforced GCL 151,712 SF - Reinforced GCL 1,033,289 SF - D/S Geocomposite 4340 LF - Leachate Collection and Extraction Piping System 825 LF - Contact Water Collection System Piping 450 LF - Leachate Extraction Riser Piping 1075 LF - Leachate Force Main Piping Extension

NAME OF PROJECT:	**TVA – Bull Run Fossil Plant**
LOCATION:	1265 Edgemoor Rd., Clinton, TN 37716
CUSTOMER CONTACT:	Brian Greene (423) 494-9253
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	URS
BID AMOUNT:	$158,800.00
FINAL COST TO OWNER:	$162,800.00
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	40 mil Textured LLDPE Liner Double-Sided Geocomposite

NAME OF PROJECT:	**TVA – Kingston Fossil Plant – 25 Acre Ash Storage Pond**
LOCATION:	1134 Swan Pond Road Harriman, TN 37748
CUSTOMER CONTACT:	Larry Nathan (256) 509-0239 e-mail: lbnathan@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	GeoSyntec Consultants
ENGINEERS CONTACT:	Marcus Fountain - CM e-mail: MFountain@Geosyntec.com
ADDRESS:	1255 Roberts Blvd. Kennesaw, GA 31044
TELEPHONE:	(678) 202 - 9575
BID AMOUNT:	$ 2,017,940.00
FINAL COST TO OWNER:	TBD
CONTRACT TIME AS-BID	31 Working Days
COMMENCMENT DATE:	August 22, 2011 COMPLETION DATE: December 2011
SCOPE OF WORK AND QUANTITIES:	1,148,000 SF - 60 MIL Textured HDPE Liner 1,148,000 SF - 20 Ounce Non-Woven Geotextile 1,148,000 SF - Double Sided Geocomposite

NAME OF PROJECT:	**TVA – Dupont Dredge Cap Completion – Johnsonville Fossil Plant**
LOCATION:	535 Steam Plant Road New Johnsonville, Tennessee 37134
CUSTOMER CONTACT:	Brad Workman (931) 320 - 1044 e-mail: wbworkma@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	Santec Consulting Services Inc.
ENGINEERS CONTACT:	Richard G Schuff, PE, CPE SC
ADDRESS:	100 Westwood Place #420 Brentwood, Tennessee 37027
TELEPHONE:	(615) 885-1144
BID AMOUNT:	$ 349,203.00
FINAL COST TO OWNER:	$ 327,142.00
CONTRACT TIME AS-BID	10 Working Days
COMMENCMENT DATE:	September 6, 2011 COMPLETION DATE: September 29, 2011
SCOPE OF WORK AND QUANTITIES:	300,000 SF - 40 MIL Textured LLDPE 300,000 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Rural Hall Ash Landfill**
LOCATION:	500 Edwards Road, Rural Hall, NC 27045
CUSTOMER CONTACT:	Josh Wayne - Earnhardt Grading
CUSTOMER NUMBER:	(704) 980-0911
NAME OF OWNER:	Rural Hall Ash Landfill
ENGINEER FIRM:	ERM NC, Inc
BID AMOUNT:	$695,566.30
FINAL COST TO OWNER:	$701,561.15
COMPLETION DATE:	August 2012
SCOPE OF WORK AND QUANTITIES:	82,325 SY – 40 mil LLDPE Textured Geomembrane 82,325 SY – Drainage Geocomposite

NAME OF PROJECT:	**Luminant Power – C Pit Construction**
LOCATION:	Highway 1786 Rockdale, TX 76567
CUSTOMER CONTACT:	Homer Stevens (512) 695 - 7627
NAME OF OWNER:	Luminant Generation Co., LLC
ADDRESS OF OWNER:	Highway 1786 Rockdale, TX 76567
ENGINEER FIRM:	BBA, LLC
ENGINEERS CONTACT:	Daniel Bullock , P.E. e-mail: dbullock@bbaengineering.com
ADDRESS:	165 N. Lampasas Street Bertram, TX 78605
TELEPHONE:	(512) 335 - 9198
BID AMOUNT:	$ 799,387.00
FINAL COST TO OWNER:	$ 811,160.00
CONTRACT TIME AS-BID	44 Working Days
COMMENCMENT DATE:	April 2010 COMPLETION DATE: June 2010
SCOPE OF WORK AND QUANTITIES:	445,000 SF - 40 MIL Smooth LLDPE Gundseal 495,000 SF - Reinforced GCL 495,000 SF - 40 Mil Textured LLDPE

NAME OF PROJECT:	**TVA – Dupont Dredge Cell Cap– Johnsonville Fossil Plant**
LOCATION:	535 Steam Plant Road New Johnsonville, Tennessee 37134
CUSTOMER CONTACT:	Brad Workman (931) 320 - 1044 e-mail: wbworkma@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	Santec Consulting Services Inc.
ENGINEERS CONTACT:	Richard G Schuff, PE, CPE SC
ADDRESS:	100 Westwood Place #420 Brentwood, Tennessee 37027
TELEPHONE:	(615) 885-1144
BID AMOUNT:	$ 487,839.88
FINAL COST TO OWNER:	$ 488,981.54
CONTRACT TIME AS-BID	20 Working Days
COMMENCMENT DATE:	December 2, 2010 COMPLETION DATE: December 22, 2010
SCOPE OF WORK AND QUANTITIES:	487,500 SF - 40 MIL Smooth LLDPE 107,500 SF - 40 MIL Textured LLDPE 487,500 SF - S/S Geocomposite 129,350 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Duke Energy Marshall Steam Plant Industrial LF # 1**
LOCATION:	8320 NC Highway 150 Terrell, NC 28682
CUSTOMER CONTACT:	Fred Brown Earnhardt Grading (704) 601 - 4290
NAME OF OWNER:	Duke Energy
ADDRESS OF OWNER:	526 South Church Street Charlotte, NC 28202
ENGINEER FIRM:	S&ME, Inc.
ENGINEERS CONTACT:	Will Harrison e-mail: wharrison@smeinc.com
ADDRESS:	9751 Southern Pine Blvd. Charlotte, NC 28273
TELEPHONE:	(704) 523 - 4726
BID AMOUNT:	$ 2,353,878.00
FINAL COST TO OWNER:	$ 2,349,128.00

NAME OF PROJECT:	**Duke Energy Marshall Steam Plant Industrial LF # 1 (continued)**
CONTRACT TIME AS-BID	51 Working Days
COMMENCMENT DATE:	August 2010 COMPLETION DATE: September 2010
SCOPE OF WORK AND QUANTITIES:	862,686 SF - GCL 1,725,372 SF - 60 MIL Textured HDPE 1,725,372 SF - Double Sided Geocomposite

NAME OF PROJECT:	**Mississippi Power Plant Central Ash Management Closure**
LOCATION:	Highway 63 North Moss Point , MS 39552
CUSTOMER CONTACT:	Grant Witty Beard Constr. e-mail:gwitty@beardconstructiongroup.com
NAME OF OWNER:	Southern Companies
ADDRESS OF OWNER:	Highway 63 North Moss Point , MS 39552
ENGINEER FIRM:	In House Engineering
ENGINEERS CONTACT:	
ADDRESS:	
BID AMOUNT:	$ 98,234.00
FINAL COST TO OWNER:	$ 97,863.00
CONTRACT TIME AS-BID	21 Working Days
COMMENCMENT DATE:	April 2010 COMPLETION DATE: June 2010
SCOPE OF WORK AND QUANTITIES:	973,000 SF - GCL

NAME OF PROJECT:	**Plum Point Energy Station**
LOCATION:	2732 S. County Road 623 Osceola, AR 72370
CUSTOMER CONTACT:	Roger Lenertz – Black & Veatch Corp.
NAME OF OWNER:	Plum Point Power Partners
ADDRESS OF OWNER:	11401 Lamar Ave. Overland Park, KS 66211
ENGINEER FIRM:	Black & Veatch
ENGINEERS CONTACT:	Larry Kohns e-mail: KohnsLR@bv.com
ADDRESS:	11401 Lamar Ave. Overland Park, KS 66211
TELEPHONE:	(913) 458 - 2000
BID AMOUNT:	$ 943.425.00
FINAL COST TO OWNER:	$ 905,840.00
CONTRACT TIME AS-BID	121 Working Days
COMMENCMENT DATE:	October 2008 COMPLETION DATE: August 2009
SCOPE OF WORK AND QUANTITIES:	707,112 SF - 60 Mil Smooth HDPE 16,000 CY - Protective Cover sand

NAME OF PROJECT:	**TVA – John Sevier Fossil Plant Ash Stack Cell Liner Project**
LOCATION:	611 Old Highway 70S Rogersville, TN 37857
CUSTOMER CONTACT:	Benny Foshee e-mail: bfoshee@tva.gov
NAME OF OWNER:	Tennessee Valley Authority
ADDRESS OF OWNER:	1101 Market Street Chattanooga, Tennessee 37402
ENGINEER FIRM:	CTI Engineers
ENGINEERS CONTACT:	J. Taylor Stein, P.E. e-mail: tstein@ctiengr.com
ADDRESS:	1122 Riverfront Parkway Chattanooga, TN 37402
TELEPHONE:	(423) 267 - 7613

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APPENDIX P3

GDL Manufacturer's Experience Qualification

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Agru America - Drainage Geonet and Geocomposite Reference

	Total SF
BC	**284,200**
Squamish Landfill	**284,200**
Squamish	284,200
08-200-08	284,200
CA	**4,276,050**
Alameda Closure	**3,688,800**
Alameda	3,688,800
200 mil Geonet	3,688,800
Old River Dairy	**587,250**
Bakersfield	587,250
200 mil Geonet	587,250
Canada	**1,128,100**
Barbella Construction	**893,200**
(blank)	893,200
08-200-08	893,200
Coaticook Landfill	**234,900**
(blank)	234,900
08-200-08	234,900
CO	**1,140,425**
Anadarko Gobbler Site	**317,550**
Plattesville	317,550
200 mil Geonet	317,550
Fountain Landfill	**307,400**
Fountain	307,400
08-200-08	307,400
Front Range Landfill	**350,175**
Erie	350,175
06-200-06	350,175
Southside Landfill	**165,300**
Pueblo	165,300
08-200-08	165,300
CT	**987,160**
Pharmacia & Upjohn Co LLC Site	**987,160**
North Haven	987,160
06-200-06	987,160
FL	**215,325**
OUC Stanton Energy	**215,325**
Orlando	215,325
12-275-12	215,325
GA	**153,410**
Savannah River Mill Site Sludge Cell Closure	**153,410**
Rincon	153,410
06-200-06	153,410

Agru America - Drainage Geonet and Geocomposite Reference

ID	**176,900**
South End Upper West Gypsum Storage	**176,900**
Pocatello	176,900
08-200-08	176,900
KS	**148,625**
Western Plains Landfill	**148,625**
Garden City	148,625
08-200	148,625
KY	**206,625**
Keystone Foods Liner Repl	**206,625**
Albany	206,625
08-250-08	206,625
MA	**452,690**
Bondi Island Landfill	**312,185**
Agawm	312,185
06-200-06	156,745
06-300-06	155,440
Bourne Phase 4 Stage 2	**140,505**
Bourne	140,505
08-250-08	140,505
Mexico	**756,900**
Fluidos Consignment	**234,900**
(blank)	234,900
200 mil Geonet	234,900
GoGoGold Parral	**348,000**
(blank)	348,000
200 mil Geonet	348,000
Origo-Mulatos	**174,000**
(blank)	174,000
200 mil Geonet	174,000
MO	**148,625**
Washington Landfill	**148,625**
Washington	148,625
06-200	148,625
MT	**146,740**
Shumaker Trucking & Excavating	**146,740**
Sawson Co	146,740
06-200-06	146,740
ND	**176,900**
Marquis Alliance Group	**176,900**
Williston	176,900
08-200-08	176,900
NJ	**1,046,175**
Avon & Lyndhurst LF	**1,046,175**

Agru America - Drainage Geonet and Geocomposite Reference

Lyndhurst	1,046,175
08-300-08	1,046,175
NV	**564,630**
Mooney Basin Bald Mountain Pad 5 Extension	**404,550**
Ely	404,550
200 mil Geonet	404,550
Western Elite LF	**160,080**
Alamo	160,080
06-200-06	160,080
PA	**3,455,350**
CES Landfill	**219,240**
Hegins	219,240
04-200-04	219,240
East Branch PPL	**551,000**
Bloomsburg	551,000
08-250-08	551,000
Keystone LF Phase II Pad 8 Cell & Cap	**1,025,295**
Dunmore	1,025,295
04-200-04	240,120
06-200-12	785,175
Keystone LF Phase II Pad 9 Cell	**697,015**
Dunmore	697,015
06-200-12	697,015
SECCRA Community Landfill	**614,800**
West Grove	614,800
06-250-06	614,800
Yukon LF	**348,000**
Yukon	348,000
06-200	348,000
RI	**1,300,360**
RIRRC 2013 Landfill Capping Project	**1,300,360**
Johnston	1,300,360
08-250-08	1,300,360
TX	**2,488,200**
Midland Landfill Cell #7	**1,209,300**
Midland	1,209,300
08-200-08	1,209,300
Wishbone LF	**1,278,900**
Stanton	1,278,900
08-200-08	374,100
200 mil Geonet	904,800
VA	**681,500**
Ramblewood Park Improvement Phase 1	**681,500**
Harrisonburg	681,500

Agru America - Drainage Geonet and Geocomposite Reference

08-200-08	681,500
WY	**1,052,700**
Pumpkin Buttes Disposal	**291,450**
Gillette	291,450
200 mil Geonet	291,450
Questar Trail Unit Evap Facility	**761,250**
Rock Springs	761,250
200 mil Geonet	761,250
Grand Total	**20,987,590**

APPENDIX P4

GDL Material Specifications and Installation Instructions

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300 mil Geocomposite

Geonet Component (1)

Property	Test Method	Frequency	Minimum Average Roll Value
Thickness, mil (mm)	ASTM D5199	50,000 sf	300 (7.6)
Peak Tensile Strength MD, lbs./in. (N/mm)	ASTM D5035/7179	50,000 sf	75 (13.3)
Density, g/cm³	ASTM D792, Method B	50,000 sf	0 94
Carbon Black Content (%)	ASTM D4218	50,000 sf	2 - 3
Transmissivity(2), m²/sec. (gal/min/ft)	ASTM D4716	500,000 sf	8×10^{-3} (38.6)

Geotextile Component(1)

Property	Test Method	Frequency	Minimum Average Roll Value		
Mass per Unit Area, oz /sq. yd (g/m²)	ASTM D5261	100,000 sf	6.0 (203)	8 0 (271)	10.0 (339)
Grab Tensile Strength, lbs (N)	ASTM D4632	100,000 sf	170 (757)	220 (979)	270 (1200)
Grab Elongation, %	ASTM D4632	100,000 sf	50	50	50
Trapezoidal Tear, lbs. (N)	ASTM D4533	100,000 sf	65 (289)	95 (423)	105 (467)
CBR Puncture , lbs (N)	ASTM D6241	500,000 sf	435 (1935)	600 (2670)	725 (3230)
Permittivity(3), sec.-1	ASTM D4491	500,000 sf	1.5	1.3	1.1
Water Flow, (3) gpm./ft² (l/min/m²)	ASTM D4491	500,000 sf	110 (4479)	95 (3895)	80 (3280)
AOS, U.S. Sieve max (mm)(3)	ASTM D4751	500,000 sf	70 (0.212)	80 (0.180)	100 (0.150)

Geocomposite

Property	Test Method	Frequency		Minimum Average Roll Value		
Ply Adhesion, lbs./in. (g/cm)	ASTM D7005	50,000 sf		1 (178)	1 (178)	1 (178)
Transmissivity (2), m²/sec. (gal/min/ft)	ASTM D4716	500,000 sf	Double	9×10^{-4} (4.3)	9×10^{-4} (4.3)	7×10^{-4} (3.4)
	ASTM D4716	500,000 sf	Single	3×10^{-3} (14.5)	3×10^{-3} (14.5)	2×10^{-3} (9.6)

Supply Information

Standard Roll Length(4)	at Fabric Weight	6-oz	8-oz	10-oz
Double Sided		160	150	140
Single Sided		180	180	170

Notes:
(1) Component properties are prior to lamination
(2) Geonet & Geocomposite. Transmissivity at 21°C, gradient of 0.1, load of 10,000psf, seat time 15 min. between steel plates.
(3) At time of manufacture. Handling may change these properties.
(4) All roll widths are 14.5 feet. All roll lengths and widths have a tolerance of ±1%
(5) UV Resistance after 500 hours for the geotextile componet exhibits 70% strength retained via ASTM D4355

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru/America as to the effects of such use or the results to be obtained, nor does Agru/America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

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MANUFACTURING QUALITY CONTROL
GEOMEMBRANES AND DRAINAGE PRODUCTS

AGRU AMERICA, INC.

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01/01/2015

AGRU AMERICA, INC. - QA/QC

Manufacturing – Quality Assurance/Quality Control

AGRU AMERICA, Inc. extrudes high density polyethylene (HDPE) and linear low density polyethylene (LLDPE) geomembrane, HDPE Geonet, Geocomposite, geotextile and GCL products at its three production plants located at 500 Garrison Road, Georgetown, South Carolina, 29440, 2000 East Newlands Drive, Fernley, Nevada, 89408 and 181 Hwy 521, Andrews SC 29510.

Our USA Manufacturing Quality Assurance Program is dependent on the utilization of in-house laboratories in each plant which are, when necessary, complemented with testing performed by certified outside laboratories such as:

- TRI/Environmental California; Anaheim, CA
  Telephone (714) 520-9631; Fax (714) 520-9637
- TRI/Environmental, Inc.; Austin, Texas
  Telephone (512) 263-2101; Fax (512) 263-2558

  And other GRI-LAP accredited laboratories.

Raw Material – Manufacturer's Certificate of Conformity

HDPE and LLDPE resin is supplied to our plants in bulk and subjected to the following procedures:

- Prior to shipment, our resin supplier submits a certificate of analysis. Once approved, the resin is released for shipment to our plant.
- One sample is taken from each rail car after arrival and tested as follows:
  Melt Index ASTM D1238 190°C, 2.16kg, and Density ASTM D792 Method B.
- Once the tests have been completed and results found to be in compliance with our requirements, the resin is then unloaded into our silo system.
- At this stage, our supplier has performed one battery of tests and Agru America has performed one to verify the manufacturer's certificate of analysis.
- Off specification resin is returned to the supplier.
- The Manufacturer's MFI Test Data is reported on the Geomembrane Quality Certificate (Agru America's MFI Testing is done to verify the resin manufacturer's reported data).

1

GEOMEMBRANE

The Extrusion Process

The resin is conveyed through a vacuum pump system and flexible hoses to a dryer hopper, feeding the resin by gravity into an 8-inch barrel. This barrel is divided into five heating zones, each heating zone being computer controlled and constantly monitored.

A screw in the barrel turns at a prescribed and monitored speed. It conveys the resin slowly to full plastication, and then the plasticated resin is fed through a manifold into a coat hanger die having a width of approximately 24 feet. The die lips are open to a prescribed distance governed by the thickness of the geomembrane to be extruded.

Exiting the die, the plasticated resin forms a controlled and monitored bead, which feeds into a chrome three-roll stack in a prescribed pattern. Each chrome roll is set at a prescribed temperature, controlled by water circulation.

Exiting the controlled cooling of the roll stack, the geomembrane travels down the take off haulers towards the winder. On the way to the take off, the liner is trimmed to bring the finished width to the applicable standard. Trimmings are granulated.

The trimmed edge of one side of the geomembrane is marked every meter (3.28 ft) with thickness, resin type (HDPE or LLDPE), Agru America name, and year of manufacture. This marking also serves as product identification.

The geomembrane is visually inspected for surface defects as it travels down the take off by both the extruder and the winder operators.

The geomembrane is wound on a recycled HDPE core having 6" ID (150mm), 7" OD (175mm) and 22'8" (6.8m) length.

Each standard length roll weighs approximately 3,900 pounds (1770 kg.). Rolls are fitted with two nylon slings when shipped.

Post Extrusion Quality Control

Once start-up conditions are over and commercial extrusion is initiated, post-production quality control comes into operation. A series of test procedures are performed based upon either our standard frequency of testing (attached), or frequencies required by customer specifications.

A sample approximately 11" by the full width of the geomembrane is taken from every roll. Based on the specified test frequencies, certain specimens are die cut, tested, and the results summarized on the Quality Certificate issued by our Quality Control Department. The certificate is signed electronically by the Quality Control Manager. The Quality Control Manager reports directly to the President of the Company.

Rolls failing to comply with either customer project specifications and/or our own latest revision to our published data sheets are set aside and re-classified as off-spec (Class B rolls).

Quality Certificates are provided for all rolls of geomembrane (sample smooth & Microspike® certificates are attached) with the exception of off-spec (Class B rolls).

Sometimes a third party quality assurance representative is mandated by the owner of a project to oversee our manufacturing QA. We gladly subscribe to this procedure and make all our records available 24 hours a day for the duration of the mandate. The following roll identification items are reported in our Quality Certificate:

Roll number (Prior to Sept 2013)

(example) **202366 -13**

2	0 2	3	6 6	-	1 3
MACH ID	WEEK	DAY OF WEEK (MON = 1)	COUNTER FOR WEEK		YEAR

First digit	machine
Second and third digits	week of year
Fourth digit	day of week (Monday=1, Sunday=7)
Last two digits	roll number (first roll of week is 01, etc.)

The two last digits separated from the others indicate the year the roll was produced. Using the above key:
Roll #202366 -13 was produced on Machine #2 on Wed. in the second week in 2013 (1/16/13).

Roll number (After Sept 2013)

(example) **G13E383069**

G	1 3	E	3 8	3	0 6 9
PLANT ID	YEAR	MACHINE ID	WEEK	DAY OF WEEK (MONDAY = 1)	COUNTER FOR WEEK

First digit	Plant (G=Georgetown / F=Fernley)
Second and Third digits	Year (13 = 2013)
Fourth digit	Machine ID
Fifth & Sixth digits	Week in the current year
Seventh digit	day of week (Monday=1, Sunday=7)
Last three digits	counter for the week (starts at 001)

Using the above key:
Roll #G13E383069 was produced on Georgetown, on Machine E on Wed. in the 38th week in 2013 (9/18/13).

3

Product Description (liner type: Smooth, Microspike®, Drain®, Super Gripnet®, etc.)

Roll Length & Width in feet / meters, thickness in mils / mm.

Raw material lot and/or batch number and supplier/product identification (from resin manufacturer's Certificate of Analysis – sample attached)

All geomembrane rolls are labeled as follows:

- roll stickers on the cores for each roll
- roll stickers on the outside of the finished roll
- written (Paint Pen) roll numbers on each face (flat ends)
- written (Paint Pen) roll numbers on the outside of the finished roll.

The following test results are reported in the Geomembrane Quality Certificate, derived from our standard test frequency (attached) and/or supplied raw material manufacturer Certificates of Analysis. Tests performed are the latest revisions of the standards listed. At a minimum this meets or exceeds GRI GM 13/17 requirements:

Test / Method	Results Reported & Modifications to Standard (if any)
Thickness †ASTM D5199(Smooth) †ASTM D5994(Textured) **(Both Modified)**	Minimum, Maximum, and Average Sheet Thickness in mm and mils. **Modification from Standard** = Measurements are taken upon sample reaching Lab Temperature Equilibrium.
Asperity Height †ASTM D7466 **(Modified)** Textured liner only	Asperity height in mils **Modifications from Standard** = Edge samples are collected from the smooth/textured junction, not 1 foot from edge. ASTM D5994 specimens are used for this test, not direct placement.
Density †ASTM D792 method B	Density in g/cc
Melt Flow Index †ASTM D1238	g/10minutes (Conditions =190°C, 2.16kg). **NOTE:** Resin Manufacturer's Certificate of Analysis result is reported. Our testing
Carbon Black Content †ASTM D4218	% Carbon Black by weight
Carbon Black Dispersion †ASTM D5596	Category (Only near spherical agglomerates per GRI GM 13 & 17)
Tensile Strength †ASTM D6693 Type IV, 2 inches / minute **(Modified)**	Average Strength @ Yield & Break in psi, ppi, & N/mm Average Elongation @ Yield & Break in % **Modification from Standard** = Average of MD & TD results are reported **NOTE 1:** The D6693 results equate to the following **NOTE 2:** Yield data not reported for LLDPE
Tear Resistance †ASTM D1004 **(Modified)**	Tear Resistance in Lbs & N. **Modifications from Standard** = Test is run upon sample reaching Lab Temperature Equilibrium. Average Tear Resistance of MD & TD is reported.
Puncture Resistance †ASTM D4833 **(Both Modified)**	Puncture Resistance in Lbs & N. **Modification from Standard** = Test is run upon sample reaching Lab Temperature Equilibrium.
Notched Constant Tensile Load †ASTM D5397 (Single Point, Appx.)	Pass / Fail at 500 hours (or as required by customer specifications). First roll of new resin lot tested. This test is run on HDPE only, and on smooth edge of textured liners.
Oxidative Induction Time (OIT) †ASTM D3895 Standard, 200°C, 1atm.	OIT Time in minutes. **Modification from Standard** = One run only – if result is below 140 minutes, a second run is done to verify the first.

The following test methods are now certified by Agru America based on historical results, as they are not required by the GRI GM13 / 17, and are not considered typical MQC tests.

Test / Method	Results Certified
Low Temperature Brittleness ASTM D746	Pass / Fail for each specimen (5 specimens in both MD & TD), 100 % of samples passing. Results Certified to -80°C (-112°F)
ESCR †ASTM D1693	Pass / Fail for each specimen (5 specimens in both MD & TD), 100 % of samples passing. Results Certified to 2,000 hours
Dimensional Stability †ASTM D1204 **(Modified)**	15 minutes or 1 hour at 100°C Results Certified to ± 2% for all geomembranes

†GRI-LAP Accredited for this method (INCLUDING Modifications)

In addition to the testing described above, an in-house procedure is performed within the smooth edges of Textured (Microspike DS & SS) and Structured (Supergrip, Grip, Drain, MicroDrain) liner by the QC Lab in both plants.

Summarized, the procedure is a modified Graves Tear test (ASTM D1004), testing 2 specimens taken in the cross machine direction, and 2 specimens from the machine direction from within the smooth edges. Both the individual specimen results and the specimens themselves are checked. This test is currently being performed on each test roll (each time a tensile test is performed) produced in both plants.

The average result will be reported on the geomembrane roll Quality Certificates.

In addition to our MQC testing, Agru America will continually strive to produce superior products with isotropic characteristics.

Drainage Net (Geonet)

AGRU America drainage net is made from a blend of high quality HDPE resin and a carbon black masterbatch. The purpose of the carbon black is to protect the plastic from UV damage in the field application.

All raw materials as well as the finished products are consistently monitored by specially trained lab technicians. Raw materials are tested as above for Geomembrane.

The blend of raw materials is plasticized by an extruder, which presses the melt through a screen changer to filter out impurities. The plastic is then fed into a rotating die which creates the net. The cooling of the net takes place in a water tank at a tightly controlled temperature. A series of nip rollers pull the net out of the tank and through the downstream equipment to the winders. The net is cut to length automatically and wound onto a 4" OD cardboard core.

Before the finished rolls are taken out of the winder frame, the quality control technician either releases the material into stock or classifies the material as scrap.

When approved by QC, the rolls are transferred to the storage yard.

Geocomposite

In addition to the drainage net, AGRU America offers geocomposites which consist of geotextiles laminated to one or both sides of the net.

All geotextiles used for this lamination process are being inspected to meet AGRU America's (or project) specifications.

The lamination process takes place just before the net reaches the winders at the end of the extrusion line. After melting the surface of the HDPE drainage net, a geotextile is pressed into the net by means of a calender. The outer 6 inches of net are not laminated and the geotextile overlaps the net by an additional 6 inches on both sides of the product.

Before the finished rolls are taken out of the winder frame, the quality control technician either releases the material into stock or classifies the material as scrap.

When approved by QC, the rolls are stretch wrapped and transferred to the storage yard. All drainage net and geocomposite rolls are labeled as follows:

- one label on each face of the roll
- two hand written roll numbers on the stretch wrap packaging
- one label on the laboratory sample
- numbering system is as above for geomembrane

The following test results are reported in the Geonet/Composite Quality Certificate, derived from our test results and/or supplied raw material manufacturer Certificates of Analysis. Tests performed are the latest revisions of the Standards listed:

Test / Method	Results Reported & Modifications to Standard (if any)
Thickness (Geonet) †ASTM D5199	Minimum, Maximum, and Average Geonet Thickness in mm and mils. **Modification from Standard** = Measurements are taken upon sample reaching Lab Temperature Equilibrium. English Units reported
Density (Geonet) †ASTM D792	Geonet Density in g/cc
Melt Flow Index (Geonet) †ASTM D1238	g/10minutes (Conditions =190°C, 2.16kg). **NOTE:** Resin Manufacturer's **Certificate of Analysis result** is reported. Our testing verifies this result.
Carbon Black Content (Geonet) †ASTM D4218	% Carbon Black by weight
Peak Tensile Strength (Geonet) †ASTM D5035 or †ASTM D7179 **(Both Modified)**	MD Only tested, TD upon request only. Peak Strength @ Break in ppi **Modification from Standard** = English Units reported
Mass Per Unit Area (Geonet) †ASTM D5261	Average Mass per Unit Area in lb/ft^2 **Modification from Standard** = English Units reported
Transmissivity (Geonet) †ASTM D4716	Transmissivity, m^2 / sec Plate to Plate , 21°C, **gradient = 0.1, load = 10,000psf, seat time = 15 minutes** is Agru America's Standard Geonet MQC Transmissivity test (may be changed per project MQC specs)
Transmissivity (Geocomposite) †ASTM D4716	Transmissivity, m^2 / sec Plate to Plate , 21°C, **gradient = 0.1, load = 10,000psf, seat time = 15 minutes** is Agru America's Standard Geocomposite MQC Transmissivity test (may be changed per project MQC specs)
Ply Adhesion (Geocomposite) †ASTM D7005	Peel Strength, lbs/in, min. ave.

†GRI-LAP Accredited for this method (INCLUDING Modifications)

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Geomembrane
Standard Frequency of Testing

Product Data

Property	Test Method	Frequency of testing (minimum)*
Thickness (min. ave.), mil	ASTM D5994/D5199	per roll
Asperity Height (min. ave.), mil	ASTM D7466	per roll, for textured liner
Density, g/cc, minimum	ASTM D792, Method B	200,000 lbs (railcar) on finished liner & incoming resin
Tensile Properties (ave. both directions)	ASTM D6693, Type IV	
Strength @ Yield (min. ave.), lb/in width	2 in/minute	20,000 lbs
Elongation @ Yield (min. ave.), % (GL=1.3in)	5 specimens in each direction	20,000 lbs
Strength @ Break (min. ave.), lb/in width		20,000 lbs
Elongation @ Break (min. ave.), % (GL=2.0in)		20,000 lbs
Tear Resistance, lbs. (min. ave.)	ASTM D1004	45,000 lbs
Puncture Resistance, lbs. (min. ave.)	ASTM D4833	45,000 lbs
Carbon Black Content (range in %)	ASTM D4218	20,000 lbs
Carbon Black Dispersion (Category)	ASTM D5596	45,000 lbs
Stress Crack Resistance (NCTL), hours	ASTM D5397, Appendix	200,000 lbs (railcar)
Oxidative Induction Time, minutes	ASTM D3895, 200°C, 1 atm O_2	200,000 lbs (railcar) on finished liner
Melt Flow Index, g/10 minutes	ASTM D1238, 190°C, 2.16kg	200,000 lbs (railcar) on incoming resin
Oven Aging with HP OIT, (% retained after 90 days)	ASTM D5721 / ASTM D5885, 150°C, 500psi O_2	per resin formulation
UV Resistance with HP OIT, (% retained after 1600 hours)	ASTM D7238 / ASTM D5885, 150°C, 500psi O_2	per resin formulation
2% Secant Modulus, lb/in. (max.)	ASTM D5323	per resin formulation-**for LLDPE liner only**
Axi-Symmetric Break Resistance Strain, % (min.)	ASTM D5617	per resin formulation-**for LLDPE liner only**

These test frequencies meet or exceed GRI's GM13 and GM17.
***Theses test frequencies may be changed based on project specifications, and represent the minimum MQC testing performed. Additional costs may be incurred if required testing is greater than listed above**

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru America as to the effects of such use or the results to be obtained, nor does Agru America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

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Geonet, Geotextile and Geocomposite Standard Frequency of Testing

Geonet Component[4]

Property	Test Method	Frequency of Testing (min.)*
Thickness, (mm)	ASTM D5199	per 50,000 ft²
Peak Tensile Strength, lbs /in. (MD)	ASTM D5035/ASTM D7179	per 50,000 ft²
Melt Flow Index, g/10 minutes (max.)	ASTM D1238, 190°C, 2.16 kg	per resin lot (railcar) on incoming resin
Density, g/cm³	ASTM D792, Method B	per 50,000 ft² on finished net per resin lot (railcar) on incoming resin
Carbon Black Content	ASTM D4218	per 50,000 ft²
Transmissivity[1], m²/sec.	ASTM D4716	per 500,000 ft²

Geotextile Component[4]

Property	Test Method	Frequency of Testing (min.)*
Mass per Unit Area, oz./sq. yd.	ASTM D5261	per 100,000 ft²
Grab Tensile Strength, lbs.	ASTM D4632	per 100,000 ft²
Grab Elongation, %	ASTM D4632	per 100,000 ft²
Trapezoidal Tear, lbs.	ASTM D4533	per 100,000 ft²
Puncture, lbs.	ASTM D4833	per 100,000 ft²
Permittivity[2], sec.⁻¹	ASTM D4491	per 540,000 ft²
Water Flow[2], gpm./ft²	ASTM D4491	per 540,000 ft²
Apparent Opening Size,[2] U.S. Stnd Sieve Size (max.)	ASTM D4751	per 540,000 ft²
UV Resistance after 500 hours, % Strength Retained	ASTM D4355	per resin formulation

Geocomposite

Property	Test Method	Frequency of Testing (min.)*
Laminated Strength (Ply Adhesion), lbs./in.	ASTM D7005	per 50,000 ft²
Transmissivity[3], m²/sec.	ASTM D4716	per 500,000 ft²

***These test frequencies may be changed based on project specifications, and represent the minimum MQC testing performed. Additional costs may be incurred if required testing is greater than listed above.**

Notes:
1. **Geonet Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.**
2. **At time of manufacture. Handling may change these properties.**
3. **Geocomposite Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.**
4. **Component Properties are prior to Lamination**

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon tests and data believed to be reliable; however, it is the users responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Agru America as to the effects of such use or the results to be obtained, nor does Agru America assume any liability in connection herewith. Any statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein is to be construed as permission or as a recommendation to infringe any patent.

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CPChem

Certificate of Analysis

Shipped To: AGRU AMERICA INC:GEORGETOWN
500 GARRISON RD
GEORGETOWN SC 29440-9688
USA

Recipient: PALMER
Fax:

Delivery #: 88834459
PO #: 8206
Weight: 185400 LB
Ship Date: 04/11/2014
Package: BULK
Mode: Hopper Car
Car #: PSPX002181
Seal No: 322565

Product:
MARLEX POLYETHYLENE K307 BULK

Lot Number: H7240417

Property	Test Method	Value	Unit
Melt Index	ASTM D1238	0.22	g/10mi
HLMI Flow Rate	ASTM D1238	21	g/10mi
Density	D1505 or D4883	0.938	g/cm3
Pellet Count	P02.08.03	27	pel/g
Production Date		03/29/2014	

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP (CPChem). **However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.**

Troy Griffin
Quality Systems Coordinator

For CoA questions contact Customer Service Representative at +1-832-813-4806

GEOMEMBRANE AND DRAINAGE INSTALLATION SPECIFICATION

The information provided in this manual uses current quality control and quality assurance standards within the geomembrane industry. It is the sole responsibility of the user to determine the suitability and use of the information and/or discusses material (s). Agru America, Inc. is not an installer of Geosynthetics Membranes. This manual is provided only as a guideline and is not meant as an authority. Agru America will not be held liable for the installation of Geosynthetic Membranes by others.

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Article I. GENERAL

Section 1.01 SUMMARY

This specification includes furnishing and installing HDPE and LLDPE geomembranes as well as geonets and geocomposite. The HDPE formulated sheet density is 0.940 g/cc or greater. The LLDPE formulated sheet density is ≤0.939 g/cc. Both smooth and textured geomembrane surfaces are included.

Section 1.02 REFERENCES

(a) American Society for Testing and Materials (ASTM), ASTM International, West Conshohocken, PA www.astm.org :

(i) ASTM Standard D6392-12, "Standard Practice for Determining the Integrity of Field Seams Used in Joining Flexible Polymeric Sheet Geomembranes"

(ii) ASTM Standard D5641-94 (2011), "Standard Practice for Geomembrane Seam Evaluation by Vacuum Chamber"

(iii) ASTM Standard D5820-95 (2011), "Standard Practice for Pressurized Air Channel Evaluation of Dual Seamed Geomembranes"

(iv) ASTM Standard D6365-99 (2011), "Standard Practice for the Nondestructive Testing of Geomembrane Seams using the Spark Test"

(b) Geosynthetic Research Institute (GRI), Folsom, PA www.geosynthetic-institute.org :

(i) GRI GM 9 (2013), "Cold Weather Seaming of Geomembranes"

(ii) GRI GM 13 (2012), "Test Properties, Testing Frequency for High Density Polyethylene (HDPE) Smooth and Textured Geomembranes"

(iii) GRI GM 14 (2013), "Selecting Variable Intervals for Taking Geomembrane Destructive Seam Samples Using the Method of Attributes"

(iv) GRI GM 17 (2012), "Test Methods, Test Properties and Testing Frequency for Linear Low Density Polyethylene (LLDPE) Smooth and Textured Geomembranes"

(v) GRI GM 19, (2013), "Seam Strength and Related Properties of Thermally Bonded Polyolefin Geomembrane"

Section 1.03 SUBMITTALS

(a) Submit the following to the project engineer or property owner, for review and approval, within a reasonable time, to expedite shipment and/or installation of the Geomembrane:

(i) Documentation of Manufacturer's Qualifications

(ii) Manufacturer's Quality Control Program Manual

(iii) Material Properties Sheet

(iv) Material Sample

(v) Documentation of Installer's qualifications;

1) Submit a list of at least ten facilities completed by installer. (For each installation, provide the name of facility, location, date of installation, type and thickness of geomembrane used and surface area of the installed geomembrane.)

2) Submit resumes or qualifications of the installation supervisor, master seamer and Technicians assigned to this project.

3) Installer's Quality Control Program

(vi) Material and Liner Installation Warranties;

1) Submit a copy of all material warranties.
2) Submit a copy of all liner installation warranties.

(b) Shop Drawings

(i) Submit copies of shop drawings for engineer's approval within a reasonable time. Shop drawings shall show the proposed panel layout identifying seams and details. Seams should generally follow the direction of the slope. Butt seams or roll-end seams should not occur on a slope unless approved by the owner's representative. However, if allowed, these seams should be staggered.

(ii) Placement of geomembrane should not occur until owner's representative has received and approved the shop drawings.

(c) Additional Submittals (To be provided during and after installation is complete.)

(i) Manufacturer's warranty

(ii) Geomembrane installation warranty

(iii) Daily written acceptance of sub-grade surface

(iv) Low-temperature seaming procedures if applicable

(v) Prequalification test seam samples

(vi) Field seam non-destructive test results

(vii) Field seam destructive test results

(viii) Daily field installation reports

(ix) Installation record drawing

Section 1.04 QUALITY CONTROL

(a) Manufacturer's Qualifications: The manufacturer shall have at least five (5) years experience in the manufacturing of the specified or similar geomembrane product and shall have manufactured at least 1,000,000 m^2 (10,000,000 ft^2) of the specified type of geomembrane or a similar product during the last five years.

(b) Installer's Qualifications

(i) The geomembrane installer shall be an approved installer by the manufacturer.

(ii) The geomembrane installer shall have at least three (3) years experience installing the specified or similar geomembrane and shall provide a list outlining at least ten (10) projects totaling 500,000 m^2 (5,000,000 ft^2) of the specified type of geomembrane or similar completed within the past three (3) years.

(iii) A field installation supervisor performs and assumes responsibility throughout the geomembrane installation including geomembrane panel layout, seaming, patching, testing, repairs, and all other outlined responsibilities. The field installation supervisor shall have experience in or supervision in the installation and seaming of at least ten (10) projects totally 500,000 m^2 (5,000,000 ft^2) of geomembrane or the type specified or similar product.

(iv) Seaming shall be performed under the direction of a master seamer (who may also be the field installation supervisor or crew foreman) with seaming experience of a minimum of 300,000 m^2 (3,000,000 ft^2) of the geomembrane type specified or similar product, using the same type of seaming apparatus to be used in the current project. During the seaming, the field installation supervisor and/or master seamer are present.

(v) Qualified technicians employed by the geomembrane installer complete all seaming, patching, testing, and other welding operations.

Section 1.05 DELIVERY, STORAGE AND HANDLING

(a) Manufacturer labels must be on all rolls delivered to the project.

(b) A firmly affixed label attached to the selvage edge, shall clearly state the manufacturer's name, product identification, material thickness, roll number, roll type, roll dimensions and roll weight.

(c) The manufacturer protects the geomembrane from mud, dirt, dust, puncture, cutting or any other damaging or deleterious conditions.

(d) Continuously and uniformly supported, rolls are stored away from high traffic areas on a smooth, level surface. Chocks keep the rolls secure when necessary.

Section 1.06 PROJECT CONDITIONS

Do not install geomembrane in the presence of standing water, while precipitation i s occurring, during excessive winds, or when material temperatures are outside the limits specified in Section 3.02.

Section 1.07 MATERIAL WARRANTY

Material manufacturer shall guarantee material against defects and premature aging from environmental conditions on a pro rata basis for a specified period of time acceptable to owner and manufacturer.

Section 1.08 GEOMEMBRANE INSTALLATION WARRANTY

The geomembrane installer shall guarantee the geomembrane installation against defects in the installation and workmanship for a time period satisfactory to all parties commencing with the date of final acceptance.

Section 1.09 GEOMEMBRANE PRE-CONSTRUCTION MEETING

(a) A pre-construction meeting held at the site prior to installation of the geomembrane will include the geomembrane installer, owner, owner's representative (Engineer and/or CQA Firm), and the earthwork contractor. Topics for this meeting shall include:

(i) Health and Safety

(ii) Lines of authority and communication, resolution of any project document ambiguity.

(iii) Methods for documenting, reporting and distributing documents and reports

(iv) Procedures for packaging and storing archive samples.

(v) Review of time schedule for all installation and testing.

(vi) Review of panel layout and numbering systems for panels and seams including details for marking on geomembrane

(vii) Procedures and responsibilities for preparation and submission of as- built panel and seam drawings

(viii) Temperature and weather limitations, installation procedures for adverse weather conditions, defining acceptable sub grade, geomembrane, or ambient moisture and temperature conditions for working during liner installation

(ix) Sub grade conditions, dewatering responsibilities and sub grade maintenance plan

(x) Deployment techniques including allowable sub grade for the geomembrane

(xi) Plan for controlling expansion/contraction and wrinkling of the geomembrane

(xii) Covering of the geomembrane and cover soil placement

(xiii) Measurement and payment schedules

(xiv) Responsibilities of each party

(b) A designated person will document the meeting and send a copy of the minutes to each person in attendance.

Article II. PRODUCTS

Section 2.01 SOURCE QUALITY CONTROL

(a) Manufacturing Quality Control

(i) The test methods and frequencies used by the manufacturer for quality control/quality assurance of the above geomembrane prior to delivery, shall be in accordance with the latest revision of the GRI GM 13 for HDPE geomembrane or GRI GM 17 for LLDPE geomembrane, or modified as required for project specific conditions.

(ii) The manufacturer's geomembrane quality control certifications, including results of quality control testing of the products, must be supplied to the owner's representative to verify that the materials supplied for the project are in compliance with all product and or project specifications. The certification, signed by a responsible party employed by the manufacturer, such as the QA/QC Manager, production m anager, or technical services manager, includes lot and roll numbers and corresponding shipping information.

(iii) The manufacturer provides production/manufacturing certification that the geomembrane and welding rod supplied for the project are from the same material type and are compatible.

Section 2.02 GEOMEMBRANE

(a) The geomembrane shall consist of new, first quality products designed and manufactured specifically for the purpose of this work. The product will satisfactorily complete testing demonstrating its suitability and durability for the purposes intended. The geomembrane rolls shall be seamless, high density polyethylene (HDPE - Formulated Sheet Density ≥ 0.94g/cc) or linear low density polyethylene (LLDPE - Formulated Sheet Density ≤ 0.939 g/cc) containing no plasticizers, fillers or extenders and shall be free of holes, blisters or contaminants, and leak free verified by 100% in line spark or equivalent testing. The geomembrane supplied is a continuous sheet with no factory seams in rolls. The geomembrane will meet the property requirements as shown in GRI GM13 (HDPE) or GRI GM 17 (LLDPE).

(b) Material conformance testing by the owner's representative, if required, will be conducted using in-plant sampling or as specified for the project.

(c) The geomembrane seams shall meet the property requirements as shown in Section 5 or as required by project specifications.

Article III. EXECUTION

Section 3.01 SUB-GRADE PREPARATION

(a) The sub grade shall be prepared in accordance with the project specifications. The geomembrane sub grade shall be uniform and free of sharp or angular objects that may damage the geomembrane prior to installation of the geomembrane.

(b) The geomembrane installer and owner's representative shall inspect the surface before covering with the geomembrane on each day's operations to verify suitability.

(c) The geomembrane installer and owner's representative shall provide daily a written acceptance of the surface before covering with the geomembrane. During installation, the Installer and owner's representative must ensure daily surface maintenance ensuring sub-grade suitability.

(d) Prior to placement of the geomembrane, the installer and owner's representative must repair all sub grade damaged by construction equipment and deemed unsuitable for geomembrane deployment. The installer and owner's representative provides approval for all repairs. All damage and repair protocol including contractor and Installer responsibilities, are outlined in the preconstruction meeting.

Section 3.02 GEOMEMBRANE PLACEMENT

(a) The owner's representative approves all applicable certifications and quality control certificates within the timeframe specified in the contract documents. If the material does not meet project specifications, the contractor removes it from the work area.

(b) The geomembrane installation must follow the limits shown on the project drawings and essentially as shown on approved Panel Placement Drawings. Submit any changes made to Panel Placement Drawings before deployment of liner materials. The Installer must receive approval for the changes prior to deployment of liner materials.

(c) When temperatures are lower than 0°C (32°F), unless approved by the owner's representative, no geomembrane material can be unrolled and/or deployed. The owner's representative may adjust the minimum temperature for material deployment. The installer and owner's representative defines temperature limitations during the preconstruction meeting. Only deploy the quantity of geomembrane that can be anchored and seamed together in one day.

(d) No vehicular traffic shall travel on the geomembrane other than an approved low ground pressure vehicle or equivalent. The owner's representative may suggest that a test pad simulating the methods to be used and showing no damage to the liner will result, be performed prior to implementation of the proposed method.

(e) Use sand bags or equivalent ballast as necessary temporarily holding the geomembrane material in position under the foreseeable and reasonably expected wind conditions. Sand bag material shall be sufficiently close knit to prevent fines from working through the bags and discharging on the geomembrane.

(f) Installer and owner's representative should not place geomembrane if moisture prevents proper sub grade preparation, panel placement, or panel seaming. Defined in the preconstruction meeting, the moisture limitations provide direction for the installer and owner's representative. Damaged and rejected panels (or portions) shall be marked, removed from the work area, and the removal recorded/documented.

(g) The geomembrane should not "bridge over" voids or low areas in the sub grade. The geomembrane shall rest in intimate contact with the sub grade.

(h) Wrinkles caused by panel placement or thermal expansion should be minimized.

(i) Considerations on site geometry: In general, seams shall be oriented parallel to the line of the maximum slope. In comers and odd shaped geometric locations, minimization of the total length of field seams is required. Seams shall not be located at low points in the sub-grade unless geometry requires seaming at such locations and if approved by the owner's representative.

(j) All panels must overlap prior to the seaming process. This overlap affects a weld and allows for proper testing. In no case shall this overlap be less than 75 mm (3")

(k) Sharp stones or other hard objects that could potentially damage the membrane should not be within 1" (25 mm) of the surface to be lined.

(l) Sub-grade should be firm, unyielding and able to support deployment equipment without damage or rutting to the sub-grade.

Section 3.03 SEAMING PROCEDURES

(a) Cold weather installations should follow guidelines as outlined in GRI GM9.

(b) The seaming process shall not occur when liner temperatures are less than 0°C (32°F) unless the installer and/or owner's representative complies with the following conditions.

(i) The seaming of the geomembrane at material temperatures below 0°C (32° F) only transpires when the geomembrane installer can demonstrate the following to the owner's representative using prequalification test seams.

1) Field seams comply with the project specifications.

2) The safety of the crew ensured.

3) Geomembrane material can be fabricated (i.e. pipe boots, penetrations, repairs. etc.) at sub-freezing temperatures.

(ii) The geomembrane installer shall submit to the owner's representative for approval, detailed procedures for seaming at low temperatures, possibly including the following:

1) Preheating of the geomembrane,

2) Using a tent or other device preventing heat loss during seaming and rapid heat loss subsequent to seaming,

3) Completion of a number of test welds to determine appropriate seaming parameters.

(c) If the geomembrane sheet temperature is above 75° C (170° F) as measured by an infrared thermometer or surface thermocouple, seaming transpires only with the approval by the owner's representative. This approval depends upon the recommendations by the manufacturer and on a field demonstration by the geomembrane installer using prequalification test seams to demonstrate that seams comply with the specification.

(d) Seaming shall primarily be performed using automatic fusion welding equipment and techniques. Use of extrusion welding takes place where fusion welding is not possible such as at pipe penetrations, patches, repairs and short (less than a roll width) runs of seams.

(e) In the case of fish mouths or excessive wrinkles at the seam overlap section, cut along the ridge of the wrinkles on the back into the panel if necessary. Terminate the cut with a keyhole cut (nominal 10 mm (1/2") diameter hole) minimizing the crack/tear propagation. Then, seam the overlay. Patch the key hole cut with an oval or round patch of the same base geomembrane material extending a minimum of 150 mm (6") beyond the cut in all directions.

(f) When extrusion welding 60 mil (1.5mm) or greater HDPE, it is advisable to bevel the top portion of the seam in a lengthwise direction to maximize intimate contact of material and improve continuity of weld.

(g) Prior to seaming, confirm the area for welding is free of moisture, dirt and any foreign matter that can affect the integrity of the weld on an ongoing basis.

(h) Take precaution and safety of the liner technicians, in extreme heat or cold, which can affect the health of the individuals.

(i) Seaming should run through the anchor trench to terminate at the end of the sheet goods.

Section 3.04 PIPE AND STRUCTURE PENETRATION SEALING SYSTEM

(a) Provide penetration-sealing system as shown in the Project Drawings.

(b) Construct all penetrations from the base geomembrane material, flat stock, prefabricated boots and accessories as shown on the Project Drawings. In the case of Structured Liners such as SuperGripNet™, DrainLiner™ or similar materials offered by Agru America, Inc., use the smooth or textured liner of the same density for such fabrications. Weld the pre-fabricated or field fabricated assembly to the geomembrane as shown on the Project Drawings to prevent leakage. Once complete, test the assembly. If the Installer cannot perform the field non-destructive testing, attachments will be field spark tested by standard holiday leak detectors in accordance with ASTMD 6365. Spark testing should be done in areas where both air pressure testing and vacuum testing is not possible.

(i) Equipment for Spark testing shall be comprised of but not limited to; a hand held holiday spark tester, and conductive wand that generates a high voltage.

(ii) The testing steps performed by the geomembrane installer include:

1) Place an electrically conductive tape or wire beneath the seam prior to welding.

2) Complete a calibration test on a trial seam containing a non-welded segment ensuring the identification of such a defect (non-welded segment) under the planned machine settings and procedures.

3) Upon completion of the weld, enable the spark tester and hold approximately 25mm (1 in) above the weld moving slowly over the entire length of the weld in accordance with ASTM 6365. If no spark occurs, the weld is leak free.

(iii) A spark indicates a hole in the seam. The geomembrane installer locates, repairs, and retests the faulty area.

(iv) When flammable gasses are present, use special care and precautions in the area to be tested.

Section 3.05 FIELD QUALITY CONTROL

The owner's representative must receive information prior to all pre qualification and production welding and testing, or as agreed upon in the pre construction meeting.

(a) Prequalification Test Seams

(i) The geomembrane installer tests seams and prepares seams verify seaming parameters (speed, temperature and pressure of welding equipment) are adequate.

(ii) Each welding technician creates seams and tests each in accordance with ASTM D 6392 at the beginning of each seaming period. Welding technicians test the seaming under the same conditions and with the same equipment and operator combination as production seaming. The test seam shall be approximately 3.3 meters (10 feet) long for fusion welding and 1 meter (3 feet) long for extrusion welding with the seam centered lengthwise. At a minimum, each welding technician creates one test seam after seaming 4–6 hours; additional tests may be required with changes in environmental conditions.

(iii) Two 25 mm (1 in) wide specimens shall be die-cut by the geomembrane installer from each end of the test seam. The specimens tested by the geomembrane installer require using a field tension meter testing both tracks for peel strength and shear strength. Each specimen should fail in the parent material and not in the weld, "Film Tear Bond"(FTB). When the seam separation is equal to or greater than 25% of the track width, it is a failed test.

(iv) Tables in Section 6 provide the minimum acceptable seam strength values obtained for all specimens tested. Four specimens out of five must meet the acceptable seam strength values for consideration as passing.

(v) If a test seam fails, the welding technician must immediately conduct an additional test seam. If the additional test seam fails, the welding technician rejects the seaming apparatus. The technician must correct the apparatus deficiencies and produce a successful test seam before using the apparatus for any other/additional production seaming.

(vi) The technician labels a sample from each test seam. The label indicates the date, geomembrane temperature, number of the seaming unit, technician performing the test seam and pass or fail description. The technician then gives the sample to the owner's representative for archiving.

(b) Field Seam Non-destructive Testing

(i) The technician non-destructively tests over the full seam length before the geomembrane installer covers it. Numbered or otherwise designated, each seam's label includes the location, date, test unit, name of tester and outcome of all non-destructive testing. Once recorded, the technician submits the information to the owner's representative.

(ii) Testing should be done as the seaming work progresses, not at the completion of all field seaming, unless agreed to in advance by the owner's representative. All defects found during testing shall be numbered and marked immediately after detection. The technician must repair, retest, and remark all defects indicating the acceptable completion of the repair.

(c) Non-destructive testing shall be performed using vacuum box, air pressure or spark testing equipment.

(d) Experienced technicians familiar with the specified test methods perform all non-destructive tests. The geomembrane installer demonstrates all test methods verifying the validity of said test procedures for the owner's representative.

(e) The geomembrane installer tests all extrusion seams using a vacuum box in accordance with ASTM D 6392 and ASTM D 5641 and the following equipment and procedures:

(i) Equipment for testing extrusion seams is not limited to but should include:

1) Vacuum box assembly consisting of a rigid housing
2) Transparent viewing window
3) Soft rubber gasket attached to the base
4) Port hole or valve assembly and a vacuum gauge
5) Vacuum pump assembly equipped with a pressure controller and pipe connections
6) Rubber pressure/vacuum hose with fittings and connections
7) Plastic bucket
8) Wide paintbrush or mop
9) Soapy solution

(ii) The geomembrane installer must charge the vacuum pump and adjust the tank pressure to approximately 35 kPa (5 psig).

(iii) The geomembrane installer shall create a leak tight seal between the gasket and geomembrane interface by wetting a strip of geomembrane approximately 0.3m (12 in) by 1.2m (48 in) (length and width of box) with a soapy solution, placing the box over the wetted area, and then compressing the box against the geomembrane. The geomembrane installer shall then close the bleed valve, open the vacuum valve, maintain initial pressure of approximately 35 kPa (5 psig) for approximately 3-4 seconds. The Installer must continuously examine the geomembrane through the viewing window for the presence of soap bubbles, indicating a leak. If no bubbles appear after 3-4 seconds, consider the area leak free. Once the area is leak free, depressurize the box and move it over the next adjoining area with an appropriate overlap and the process repeated.

(iv) All areas where soap bubbles appear shall be marked, repaired and then retested.

(v) At seam locations where the Installer is unable to non-destructively test, such as pipe penetrations, the Installer must substitute altemate non-destructive spark testing or equivalent.

(vi) All seams that are vacuum tested shall be marked with the date tested, the name of the technician performing the test and the results of the test.

(f) Double Fusion seams with an enclosed channel shall be air pressure tested by the geomembrane installer in accordance with ASTM D5820 and ASTM D6392 and the following equipment guidelines and procedures.

(i) Equipment for testing double fusion seams shall be comprised of but not limited to: an air pump equipped with a pressure gauge capable of generating and sustaining a pressure of 210 kPa (30 psig), mounted on a cushion to protect the geomembrane; and a manometer equipped with a sharp hollow needle or other approved pressure feed device.

(ii) The geomembrane installer completes all testing activities. Both ends of the seam to be tested are sealed and a needle or other approved pressure feed device inserted into the tunnel created by the double wedge fusion weld. The air pump shall be adjusted to a pressure of 210 kPa (30 psig), and the valve closed. Allow 2 minutes for the injected air to come to equilibrium in the channel, and sustain pressure for 5 minutes.

(g) If pressure loss does not exceed 28 kPa (4 psig) after the five-minute period, the Installer considers the seam leak tight. Release pressure from the opposite end verifying pressure drop on needle to ensure testing of the entire seam. The needle or other approved pressure feed device shall be removed and the feedhole sealed.

(i) If loss of pressure exceeds 28 kPa (4 psig) during the testing period or pressure does not stabilize, the geomembrane installer locates, repairs and retests the faulty area.

(ii) Record all results of the pressure testing on the liner at the seam tested and on a pressure testing record.

(iii) If release of pressure from opposite end of tested seam does NOT deflate seam, the Installer takes measures to determine the cause and remedies to air test 100% of the seam under scrutiny.

(h) Destructive Field Seam Testing

(i) The Installer analyzes one destructive test sample per 150 linear m (500 linear ft) seam length or the geomembrane installer shall take another predetermined length in accordance with GRI GM 14 from a location specified by the owner's representative. The geomembrane installer receives the sample locations without advance notice of the locations. The geomembrane installer cuts samples as directed by the owner's representative before the complete installation and as seaming progresses.

(ii) All field samples shall be marked with their sample number and seam number including the sample number, date, time, location, and seam number recorded. The geomembrane installer shall repair all holes in the geomembrane resulting from obtaining the seam samples. All patches shall be vacuum box tested or spark tested. If the installation of a permanent patch over the test location the same day of sample collection is not possible, place a temporary patch either tack welded or hot air welded over the opening until affixing a permanent patch.

(iii) Testing requires the destructive samples size at least 300 mm (12") wide, 1m (36") long, with the seam centered lengthwise. The sample shall be cut into three equal sections and distributed as follows: one section given to the owner's representative as an archive sample; one section given to the owner's representative for laboratory testing as specified in paragraph 5 below; and one section retained by the geomembrane installer for field testing as specified in paragraph 4 below.

(iv) For field-testing, the geomembrane installer shall cut 10 identical 25 mm (1") wide replicate specimens from his sample. The geomembrane installer shall test five specimens for seam shear strength and five for peel strength. The geomembrane installer performs peel tests on both the inside and outside weld tracks. To be acceptable, four (4) of five (5) test specimens must pass the stated criteria in section 2.02 with less than 25% separation. If four (4) of five (5) specimens pass, the sample qualifies for testing by the testing laboratory if required.

(v) If the specifications require an independent seam testing, conduct the testing in accordance with ASTM 5820 or ASTM D6392.

(vi) Prepare and submit all reports of the results of examinations and testing to the owner's representative.

(vii) For field seams, if a laboratory test fails, it is an indicator of the possible inadequacy of the entire seamed length corresponding to the test sample. The geomembrane installer should take additional destructive test portions at locations indicated by the Engineer; (typically 3 m (10 ft) on either side of the failed sample) and perform additional laboratory seam tests. Passing tests shall be an indicator of adequate seams. Failing tests shall be an indicator of non-adequate seams. When seams fail the destructive test, the Installer re-seams or repairs seams with a cap-strip. Cap-strip seams shall be non- destructively vacuum box tested until achieving adequacy of the seams. The geomembrane installer must destructively test all Cap strip seams exceeding 50 M in length (150 FT).

(viii) The Installer keeps all samples out of critical areas such as in the bottom of ponds and other locations such as slopes and sumps.

(i) Identification of Defects

(i) The Installer and owner's representative inspects panels and seams during and after panel deployment to identify all defects, including holes, blisters, un-dispersed raw materials and signs of contamination by foreign matter.

(j) Evaluation of Defects: The Installer must complete a non-destructive test for each suspect location on the liner (both in seam and non-seam areas) using one of the methods described in Section 3.05.B. Each location failing non-destructive testing is marked, numbered, measured and posted on the daily "installation" drawings and subsequently repaired.

(i) If a destructive sample fails the field or laboratory test, the geomembrane installer shall repair the seam between the two nearest passed locations on both sides of the failed destructive sample location.

(ii) All repairs of defective seams, tears or holes use either re-seaming or applying an extrusion welded cap strip process.

(iii) Re-seaming may consist of either:

1) Removing the defective weld area and re-welding the parent material using the original welding equipment; or

2) Re-seam the defective weld area by extrusion welding along the overlap at the outside seam edge left by the fusion welding process.

3) Cap stripping entire faulty seam.

(iv) The Installer repairs blisters, larger holes, and contamination by foreign matter using required patches and/or extrusion weld beads. Each patch shall extend a minimum of 150 mm (6 in) beyond all edges of the defects.

(v) Locate, measure and record all repairs.

(k) Verification of Repairs on Seams: Each repair requires a non-destructive test using either vacuum box or spark testing methods. An indication of a successful repair includes areas passing the non-destructive test. Areas failing the tests require re-seaming and retesting until results show a passing test. Requirements for areas failing the tests include re-seaming and retesting until passing test results. The Installer records the number, date, location, technician and test outcome of each patch.

(l) Daily Field Installation Reports: At the beginning of each day's work, the Installer shall provide the Engineer with daily reports for all work accomplished on the previous workday. Reports shall include the following:

(i) Total amount and location of geomembrane placed

(ii) Total length and location of seams completed, name of technicians doing seaming and welding unit numbers

(iii) Drawings of the previous day's installed geomembrane showing panel numbers, seam numbers and locations of non-destructive and destructive testing

(iv) Results of pre-qualification test seams

(v) Results of non-destructive testing

(vi) Results of vacuum testing of repairs

(m) Prior to covering the liner, report all Destructive test results.

(n) Perform and complete all quality assurance no more than 72 hours after geomembrane deployment.

Section 3.06 LINER ACCEPTANCE

The owner's representative accepts the geomembrane liner when:

(a) The entire installation is completed or an agreed upon subsection of the installation is finished.

(b) The Installer submits all completed QC documentation to the owner.

(c) Verification of the adequacy of all field seams and repairs and associated geomembrane testing is complete.

(d) All submittals are accepted.

Section 3.07 ANCHOR TRENCH

Construct as specified on the project drawings.

Section 3.08 DISPOSAL OF SCRAP MATERIALS

(a) On completion of installation, the geomembrane installer shall dispose of all trash and scrap material in a location approved by the Owner, remove equipment used in connection with the work herein, and shall leave the premises in a neat acceptable manner. Finally, remove all scrap material from the surface of the geomembrane.

Article IV. MEASUREMENT AND PAYMENT

The project specifications document/outline the required measurements and payment of services. All parties sign all documents prior to project start up.

Article V. GEOTEXTILES, GEONETS AND GEOCOMPOSITES

Section 5.01 GEOTEXTILES

The general arrangement of Geotextiles includes aligning seams parallel to the prevailing slope and seams finished by either heat seaming with an approved hand held or self motivated thermal device or by sewing with a stitching approved by the engineer. Whichever stitching method is used, the thread should be compatible with the fabric and have similar chemical resistance to the liner used.

Section 5.02 GEONET

Geonet may be butt joined or lapped if specified. At five-foot 1.5m (5') intervals along the edge, the Installer applies Nylon/plastic cable ties to the net edge. Complete end splices as follows:

(a) On slopes, the ends will overlap two feet 2' (0.6m) with uphill panels on top and two (2) rows of cable ties applied at 6" spacing or per engineers specification.

(b) In flat areas, the ends will overlap a minimum to six inches 6" (15 cm) and one (1) row of three (3) cable ties applied.

Section 5.03 GEOCOMPOSITES

Geocomposites can overlap with the net portion tied and the Geotextile portion thermally bonded or seamed as required by the project specifications.

Section 5.04 REPAIRS

Repair any holes, tears, or burns through the Geotextile from thermal seaming by patching with the same Geotextile. The patch will be a minimum of twelve inches 12" (30cm) larger – in all directions – than the area repaired and will be spot bonded thermally. Repair all geonet holes and/or tears using a patch of the same geonet. Patches are a minimum of twelve inches 12" (30cm) larger in all directions than the area repaired. Tie the patch in place using a minimum of four (4) nylon cable ties.

6.0 - TABLES

"This section shall include the current GRI GM13 (HDPE) or GRI GM17 (LLDPE) manufacturer's specification or a revision of GRI GM13 (HDPE) or GRI GM 17 (LLDPE) specific to the unique project requirements and/or standards, as determined by the owner or owners' agent." TO BE INSERTED BY COMPANY PREPARING SUBMITTALS TO GUARANTEE MOST CURRENT GRI SPECIFICATION.

SEAM STRENGTHS - HDPE and LLDPE GRI GM 19

TABLE 1: Seam Strength and related Properties of Thermally Bonded Smooth and Textured High Density Polyethylene (HDPE) Geomembrane (English Units)

Geomembrane Nominal	30 mils	40 mils	50 mils	60 mils	80 mils	100 mils	120 mils
Hot Wedge Seams (1)							
shear strength(2), lb/in.	57	80	100	120	160	200	240
shear elongation at	50	50	50	50	50	50	50
peel strength (2), lb/in.	45	60	76	91	121	151	181
peel separation, %	25	25	25	25	25	25	25
Extrusion Fillet Seams							
shear strength(2), lb/in.	57	80	100	120	160	200	240
shear elongation at	50	50	50	50	50	50	50
peel strength (2), lb/in.	39	52	65	78	104	130	156
peel separation, %	25	25	25	25	25	25	25

Notes for Table 1 – (Used also for hot air and ultrasonic seaming methods.)

(a) Value listed for shear and peel strength are for 4 out of 5 test specimens; the 5th specimen can be low as 80% of the listed values

(b) Elongation measurements should be omitted for field testing

TABLE 2: Seam Strength and related Properties of Thermally Bonded Smooth and Textured Linear Low Density Polyethylene (LLDPE) Geomembrane (English Units)

Geomembrane Nominal	30 mils	40 mils	50 mils	60 mils	80 mils	100 mils	120 mils
Hot Wedge Seams (1)							
shear strength(2), lb/in.	45	60	75	90	120	150	180
shear elongation at	50	50	50	50	50	50	50
break(3) , %	38	50	63	75	100	125	150
peel strength (2), lb/in.	25	25	25	25	25	25	25
peel separation, %							
Extrusion Fillet Seams (1)							
shear strength(2), lb/in.	45	60	75	90	120	150	180
shear elongation at	50	50	50	50	50	50	50
break(3) %	34	44	57	66	88	114	136
peel strength (2), lb/in.	25	25	25	25	25	25	25
peel separation, %							

Notes for Table 2 - Also for hot air and ultrasonic seaming methods

(i) Value listed for shear and peel strength are for 4 out of 5 test specimens; the 5th specimen can be low as 80% of the listed values

(ii) Elongation measurements should be omitted for field testing

Non-Destructive Air Channel Test

Table 3: Initial Pressure Schedule

Field Testing		
Material	Minimum PSI	Maximum PSI
30 mil	15	30
40 mil	20	30
60 mil	24	30
80 mil	24	30
100 mil	24	32

Table 4: Maximum Allowable Pressure Drop

Material Field Test (after five minutes) 30 mil 4 PSI

40 mil 4 PSI

60 mil 4 PSI

80 mil 4 PSI

100 mil 4 PSI

Note: At all times before heat sealing the end of the seam, the operator should insure that the void or air channel is free of obstruction.

AGRU AMERICA, INC. IS NOT AN INSTALLER OF GEOSYNTHETICS AND DOES NOT REPRESENT AS SUCH. AGRU AMERICA, INC. DEVELOPED THIS MANUAL ONLY AS A GUIDELINE AND NOT AS AN AUTHORITY OF EXACTITUDE. AGRU AMERICA WILL NOT BE HELD LIABLE FOR THE INSTALLATION OF OTHERS.

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APPENDIX P5

GDL Manufacturer's Certifications and Test Data

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Geocomposite Quality Certification — **DOUBLE SIDED COMPOSITE**

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
1.	G15E384210	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1100	conf
2.	G15E384211	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
3.	G15E384212	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
4.	G15E384213	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1196	
5.	G15E384214	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
6.	G15E384215	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
7.	G15E384216	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
8.	G15E384217	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1102	
9.	G15E384218	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
10.	G15E384219	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1120	
11.	G15E384220	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1118	
12.	G15E384221	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1124	
13.	G15E384222	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1115	
14.	G15E384223	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
15.	G15E384224	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
16.	G15E384225	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1122	
17.	G15E384226	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
18.	G15E384227	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
19.	G15E384228	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
20.	G15E384229	14.5	160	2320	A	1111118979	B	1111118912	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1110	
21.	G15E384230	14.5	160	2320	A	1111118979	B	1111118912	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1104	
22.	G15E384231	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1064	conf
23.	G15E384232	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1080	
24.	G15E384233	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1108	
25.	G15E384234	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1108	
26.	G15E384235	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1106	
27.	G15E384236	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1110	
28.	G15E384237	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1110	
29.	G15E384238	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1102	
30.	G15E384239	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1106	
31.	G15E384240	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1102	
32.	G15E384241	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1112	
33.	G15E384242	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1116	
34.	G15E384243	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
35.	G15E384244	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
36.	G15E384245	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1116	
37.	G15E384246	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
38.	G15E384247	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1122	
39.	G15E216350	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
40.	G15E216353	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
41.	G15E385250	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	956	
42.	G15E385253	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1088	
43.	G15E385254	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
44.	G15E385258	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1122	conf
45.	G15E385259	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1116	
46.	G15E385260	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1095	
47.	G15E385261	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1114	
48.	G15E385262	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1086	
49.	G15E385263	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
50.	G15E385264	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1098	
51.	G15E385265	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1128	
52.	G15E385266	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
53.	G15E385267	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1084	
54.	G15E385268	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1114	
55.	G15E385269	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1096	

Geocomposite Quality Certification — DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
56.	G15E385270	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1100	
57.	G15E385271	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
58.	G15E385272	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1100	
59.	G15E385273	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
60.	G15E385274	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1084	
61.	G15E385275	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1092	
62.	G15E385276	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1086	
63.	G15E385277	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1096	
64.	G15E385278	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1092	
65.	G15E385279	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	conf
66.	G15E385280	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
67.	G15E385281	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	
68.	G15E385282	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
69.	G15E385283	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1066	
70.	G15E385284	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
71.	G15E385285	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	
72.	G15E385286	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1084	
73.	G15E385287	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
74.	G15E385288	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
75.	G15E385289	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1114	
76.	G15E385290	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1130	
77.	G15E385291	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
78.	G15E385292	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1097	
79.	G15E386293	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
80.	G15E386294	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1096	
81.	G15E386295	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1086	
82.	G15E386296	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1028	
83.	G15E386297	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1024	
84.	G15E386298	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1028	
85.	G15E386299	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1024	
86.	G15E386300	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1022	
87.	G15E386301	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	903	conf
88.	G15E386302	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1024	
89.	G15E386303	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1004	
90.	G15E386304	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1020	
91.	G15E386305	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1034	
92.	G15E386306	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
93.	G15E386307	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1021	
94.	G15E386308	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
95.	G15E386309	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
96.	G15E386310	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	998	
97.	G15E386311	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	998	
98.	G15E386312	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
99.	G15E386313	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
100.	G15E386314	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
101.	G15E386315	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	992	
102.	G15E386316	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	996	
103.	G15E386317	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
104.	G15E386318	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
105.	G15E386319	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
106.	G15E386320	14.5	160	2320	A	1111118870	B	1111118950	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
107.	G15E386321	14.5	160	2320	A	1111118870	B	1111118950	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
108.	G15E386322	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	988	conf
109.	G15E386323	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1004	
110.	G15E386324	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	

Geocomposite Quality Certification — DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
111.	G15E386325	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
112.	G15E386326	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1008	
113.	G15E386327	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
114.	G15E386328	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1018	
115.	G15E386329	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1016	
116.	G15E386330	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
117.	G15E386331	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
118.	G15E386332	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	996	
119.	G15E386333	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
120.	G15E386334	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
121.	G15E386335	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	908	
122.	G15E386336	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
123.	G15E386337	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
124.	G15E386338	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	926	
125.	G15E386339	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	928	
126.	G15E386340	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	932	
127.	G15E386341	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	936	
128.	G15E386342	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	942	
129.	G15E386343	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	938	
130.	G15E386347	14.5	160	2320	A	1111118954	B	1111118883	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	900	conf
131.	G15E386348	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
132.	G15E386349	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
133.	G15E386350	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	916	
134.	G15E386351	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
135.	G15E386352	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	924	
136.	G15E386353	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
137.	G15E386354	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	938	
138.	G15E386355	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	934	
139.	G15E386356	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
140.	G15E386357	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	924	
141.	G15E386358	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
142.	G15E386359	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	918	
143.	G15E386360	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	930	
144.	G15E386361	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	918	
145.	G15E386362	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
146.	G15E386363	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	20	
147.	G15E386364	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
148.	G15E386365	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
149.	G15E386366	14.5	160	2320	A	1111118915	B	1111118897	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	932	
150.	G15E386367	14.5	160	2320	A	1111118915	B	1111118897	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	916	
151.	G15E386368	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	conf
152.	G15E386369	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
153.	G15E386370	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
154.	G15E387371	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	918	
155.	G15E387372	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
156.	G15E387373	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
157.	G15E387374	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
158.	G15E387375	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
159.	G15E387376	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	932	
160.	G15E387377	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	924	
161.	G15E387378	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
162.	G15E387379	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
163.	G15E387380	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
164.	G15E387381	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	932	
165.	G15E387382	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	

Geocomposite Quality Certification — DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
166.	G15E387383	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
167.	G15E387384	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	920	
168.	G15E387385	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	920	
169.	G15E387386	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
170.	G15E387387	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
171.	G15E387388	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	912	
172.	G15E387389	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	910	
173.	G15E387390	14.5	160	2320	A	1111118831	B	1111118893	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	conf
174.	G15E387391	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
175.	G15E387392	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	918	
176.	G15E387393	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
177.	G15E387394	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
178.	G15E387395	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	902	
179.	G15E387396	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	898	
180.	G15E387397	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	870	
181.	G15E387398	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
182.	G15E387399	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
183.	G15E387400	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
184.	G15E387401	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
185.	G15E387402	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	906	
186.	G15E387403	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
187.	G15E387404	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	926	
188.	G15E387405	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
189.	G15E387406	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	908	
190.	G15E387407	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
191.	G15E387408	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	908	
192.	G15E387409	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
193.	G15E387410	14.5	160	2320	A	1111118826	B	1111118830	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
194.	G15E387411	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	conf
195.	G15E387415	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	916	
196.	G15E387416	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	922	
197.	G15E387417	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
198.	G15E387418	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	914	
199.	G15E387419	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	916	
200.	G15E387420	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
201.	G15E387421	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	928	
202.	G15E387422	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
203.	G15E387423	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	918	
204.	G15E387424	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	906	
205.	G15E387425	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	900	
206.	G15E387426	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	920	
207.	G15E387427	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
208.	G15E387428	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	908	
209.	G15E387429	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
210.	G15E387430	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	922	
211.	G15E387431	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
212.	G15E387432	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	912	
213.	G15E387433	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	910	
214.	G15E387434	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	904	
215.	G15E387435	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	906	
216.	G15E387436	14.5	160	2320	A	1111118908	B	1111118881	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	conf
217.	G15E387437	14.5	160	2320	A	1111118908	B	1111118881	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	912	
218.	G15E387438	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	906	
219.	G15E387439	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	
220.	G15E387440	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
221.	G15E387441	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	
222.	G15E387442	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	908	
223.	G15E387443	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	909	
224.	G15E387444	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	924	
225.	G15E387445	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	930	
226.	G15E387446	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	916	
227.	G15E387447	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	919	
228.	G15E387448	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
229.	G15E387449	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	900	
230.	G15E387450	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
231.	G15E391001	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	916	
232.	G15E391002	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	920	
233.	G15E391003	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	902	
234.	G15E391004	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
235.	G15E391005	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
236.	G15E391006	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
237.	G15E391007	14.5	160	2320	A	1111118891	B	1111118923	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
238.	G15E391008	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	880	conf
239.	G15E391009	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	898	
240.	G15E391010	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
241.	G15E391011	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	914	
242.	G15E391012	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	900	
243.	G15E391013	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
244.	G15E391014	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	890	
245.	G15E391015	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	898	
246.	G15E391016	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	914	
247.	G15E391017	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	906	
248.	G15E391018	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	912	
249.	G15E391019	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	916	
250.	G15E391020	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	938	
251.	G15E391021	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
252.	G15E391022	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
253.	G15E391023	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	946	
254.	G15E391024	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
255.	G15E391025	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	946	
256.	G15E391026	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
257.	G15E391027	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	944	
258.	G15E391028	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	936	
259.	G15E391029	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	974	conf
260.	G15E391030	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	916	
261.	G15E391031	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	934	
262.	G15E391032	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
263.	G15E391033	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	924	
264.	G15E391034	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
265.	G15E391035	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	920	
266.	G15E391036	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	932	
267.	G15E391037	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	936	
268.	G15E391038	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	940	
269.	G15E391039	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
270.	G15E391040	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
271.	G15E391041	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	930	
272.	G15E391042	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	940	
273.	G15E391043	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	946	
274.	G15E391044	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
275.	G15E391045	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	936	

Geocomposite Quality Certification — **DOUBLE SIDED COMPOSITE**

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
276.	G15E391046	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
277.	G15E391047	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
278.	G15E391048	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	938	
279.	G15E391052	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
280.	G15E391053	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	932	
281.	G15E391054	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	conf
282.	G15E391055	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
283.	G15E391056	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
284.	G15E391057	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	908	
285.	G15E391058	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
286.	G15E391059	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
287.	G15E391060	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
288.	G15E391061	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
289.	G15E391062	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
290.	G15E391063	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	906	
291.	G15E391064	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
292.	G15E391065	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
293.	G15E391066	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	898	
294.	G15E391067	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
295.	G15E391068	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
296.	G15E391069	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
297.	G15E391070	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
298.	G15E391071	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
299.	G15E391072	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
300.	G15E391073	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	894	
301.	G15E391074	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	878	
302.	G15E391075	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	870	conf
303.	G15E391076	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	919	
304.	G15E391077	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	920	
305.	G15E391078	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	890	
306.	G15E391079	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	3898	
307.	G15E391080	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	898	
308.	G15E391081	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
309.	G15E392082	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
310.	G15E392083	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	890	
311.	G15E392084	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	908	
312.	G15E392085	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
313.	G15E392086	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
314.	G15E392087	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	940	
315.	G15E392088	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	938	
316.	G15E392089	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
317.	G15E392090	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	944	
318.	G15E392091	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	940	
319.	G15E392092	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	938	
320.	G15E392093	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	934	
321.	G15E392094	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
322.	G15E392095	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	945	
323.	G15E392096	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	928	
324.	G15E392097	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	926	conf
325.	G15E392098	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	940	
326.	G15E392099	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	932	
327.	G15E392100	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	940	
328.	G15E392101	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	935	
329.	G15E392102	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	834	
330.	G15E392103	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	930	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
331.	G15E392104	14.5	146	2117	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	900	
332.	G15E392107	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	902	
333.	G15E392108	14.5	174	2523	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	978	
334.	G15E392109	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
335.	G15E392110	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	914	
336.	G15E392111	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	920	
337.	G15E392112	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	918	
338.	G15E392113	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
339.	G15E392114	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	914	
340.	G15E392115	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	922	
341.	G15E392116	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
342.	G15E392117	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	904	
343.	G15E392118	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	900	
344.	G15E392119	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	904	
345.	G15E392120	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	conf
346.	G15E392121	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	910	
347.	G15E392122	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	904	
348.	G15E392123	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
349.	G15E392124	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	912	
350.	G15E392125	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	904	
351.	G15E392126	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	912	
352.	G15E392127	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
353.	G15E392128	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	908	
354.	G15E392129	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	910	
355.	G15E392130	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	906	
356.	G15E392131	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	908	
357.	G15E392132	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	918	
358.	G15E392133	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
359.	G15E392134	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
360.	G15E392135	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
361.	G15E392136	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	914	
362.	G15E392137	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
363.	G15E392138	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	898	
364.	G15E392139	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
365.	G15E392142	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
366.	G15E392143	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	900	
367.	G15E392144	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	309	2.2	0.961	107.2	0.27	8.04 x 10-3	CFH611420	864	conf
368.	G15E392145	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	870	
369.	G15E392146	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	874	
370.	G15E392147	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	874	
371.	G15E392148	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	862	
372.	G15E392149	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	868	
373.	G15E392150	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	872	
374.	G15E392151	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	870	
375.	G15E392152	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	878	
376.	G15E392153	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	880	
377.	G15E392154	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	882	
378.	G15E392155	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	900	
379.	G15E392156	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
380.	G15E392157	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	888	
381.	G15E392158	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	886	
382.	G15E392159	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
383.	G15E392160	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	
384.	G15E392161	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	898	
385.	G15E392162	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	872	

Geocomposite Quality Certification — **DOUBLE SIDED COMPOSITE**

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
386.	G15E392163	14.5	160	2320	A	1111118886	B	1111118839	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	
387.	G15E392164	14.5	160	2320	A	1111118886	B	1111118839	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
388.	G15E392165	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	892	conf
389.	G15E392166	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	910	
390.	G15E393167	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	890	
391.	G15E393168	14.5	200	2900	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	1155	
392.	G15E393169	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
393.	G15E393170	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	884	
394.	G15E393171	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	878	
395.	G15E393172	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	884	
396.	G15E393173	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
397.	G15E393174	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	898	
398.	G15E393175	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	894	
399.	G15E393176	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	872	
400.	G15E393177	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
401.	G15E393178	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	896	
402.	G15E393179	14.5	120	1740	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	600	
403.	G15E393189	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	974	
404.	G15E393190	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	934	
405.	G15E393191	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	940	
406.	G15E393192	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	930	
407.	G15E393193	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	908	
408.	G15E393194	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	914	
409.	G15E393195	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	910	
410.	G15E393196	14.5	160	2320	A	1111118848	B	1111118894	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	conf
411.	G15E393197	14.5	160	2320	A	1111118848	B	1111118894	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
412.	G15E393198	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	
413.	G15E393199	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
414.	G15E393200	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	920	
415.	G15E393201	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
416.	G15E393202	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
417.	G15E393203	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	920	
418.	G15E393204	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	918	
419.	G15E393205	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	918	
420.	G15E393206	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	924	
421.	G15E393207	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	924	
422.	G15E393208	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	922	
423.	G15E393209	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	912	
424.	G15E393210	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
425.	G15E393211	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	904	
426.	G15E393212	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	906	
427.	G15E393213	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	902	
428.	G15E393214	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	906	
429.	G15E393215	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
430.	G15E393216	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	
431.	G15E393217	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	902	
432.	G15E393218	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902	conf
433.	G15E393219	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902	
434.	G15E393220	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908	
435.	G15E393221	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	918	
436.	G15E393223	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	904	
437.	G15E393224	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	914	
438.	G15E393225	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	900	
439.	G15E393226	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	912	
440.	G15E393227	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	912	

DOUBLE SIDED COMPOSITE

Geocomposite Quality Certification

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt
441.	G15E393228	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908
442.	G15E393229	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
443.	G15E393230	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	914
444.	G15E393231	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
445.	G15E393232	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
446.	G15E393233	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	916
447.	G15E393234	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908
448.	G15E393235	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	898
449.	G15E393236	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902
450.	G15E393237	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	916

CoA Date: 05/20/2015

Certificate of Analysis

Shipped To: AGRU AMERICA INC:GEORGETOWN
500 GARRISON RD
GEORGETOWN SC 29440
USA

Recipient: PALMER
Fax:

Delivery #: 89059542
PO #: 009359
Weight: 194100 LB
Ship Date: 05/20/2015
Package: BULK
Mode: Hopper Car
Car #: HLTX006163
Seal No: 17958

Product:
Marlex HHM 5502BN High Density Polyethylene Bulk

Lot Number: CFE610912

Property	Test Method	Value	Unit
Melt Index	ASTM D1238	0.36	g/10mi
Density	D1505 or D4883	0.9541	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP (CPChem). **However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.**

Kevin Ayres
Quality Control Supervisor

For CoA questions contact Customer Service Representative at +1-832-813-4806

Advantage Polymers, Inc.
Dba API Resin
1019 Estate Drive
Moon Township PA 15108
Office; 412-576-1966
Fax; 724-457-5253

Certificate of Quality

Grant Palmer
GP@AGRUAMERICA.COM
AGRU/AMERICA, INC.
GEORGETOWN, SC 29440
Phone; 843-325-8753

PURCHASE ORDER NUMBER; PO#009665 2 OF 6 AUGUST
SHIP TO LOCATION: AGRU/AMERICA, GEORGETOWN, SC 29440
CONTAINER; **FPAX980026**

POLYMER; POLYETHYLENE
PRODUCT TYPE; HDPE
PRODUCT CODE; HD252BP PRIME HDPE COPOLYMER
LOT#; API 15G1310
QUANTITY (ACTUAL); 199,100 lbs.
SHIP DATE; 8-10-15
CARRIER; CSX TO GEORGETOWN
MELT INDEX ASTM D1238; 0.36 GM/10 MIN.
DENSITY, ASTM D1505; 0.9534 GM/CM3

This is to certify that this material satisfies specifications set forth by AGRU/AMERICA and agreed to by API Resin.
COMMENTS; The data set forth herein have been carefully compiled by the Producer, however, there is no warranty of any kind, either expressed or implied, applicable to its use, and user assumes all risk and liability in connection therewith.

Thanks again,
Tom Klein
API Resin
kleintjk@aol.com
412-576-1966

www.apiresin.com

CoA Date: 08/31/2015

Certificate of Analysis

Shipped To: AGRU AMERICA INC:GEORGETOWN
500 GARRISON RD
GEORGETOWN SC 29440
USA

Recipient: PALMER
Fax:

Delivery #: 89116966
PO #: 009662
Weight: 205850 LB
Ship Date: 08/31/2015
Package: BULK
Mode: Hopper Car
Car #: HLTX006073
Seal No: 28418

Product:
Marlex HHM 5502BN High Density Polyethylene Bulk

Lot Number: CFH611420

Property	Test Method	Value	Unit
Melt Index	ASTM D1238	0.39	g/10mi
Density	D1505 or D4883	0.9547	g/cm3

The data set forth herein have been carefully compiled by Chevron Phillips Chemical Company LP (CPChem).
However, there is no warranty of any kind, either expressed or implied, applicable to its use, and the user assumes all risk and liability in connection therewith.

KEVIN AYRES
QUALITY ASSURANCE SUPERINTENDENT

For CoA questions contact Customer Service Representative at +1-832-813-4806

AGRU AMERICA ANDREWS PLANT

PO# / PROJECT: 009684 DOC 30000 SAVANNAH RIVER

PRODUCT / STYLE NAME: MARV 6 OZ COMPONENT FOR COMPOSITE

181 Hwy 521

DATE: 8/31/2015

Andrews, SC 29510

ASTM	D5261	D4632				D4533		D4491			D4751	D6241	D4355	
Method	Average Weight	Average Grab Tensile(MD)	Average Grab Tensile(CD)	Average Elongation (MD)	Average Elongation (CD)	Average Trap Tear (MD)	Average TRAP Tear (CD)	Water Flow Rate	Permeab.	Permitiv.	Apparent Opening Size	Average CBR Puncture	UV Resist % Retained @ 500 hrs	Roll Length
Units	oz / yd^2	Lbs	Lbs	%	%	Lbs	Lbs	gpm / ft^2	cm / sec	sec^{-1}	sieve	Units: Lbs	* % ret.	yds
Roll Number														
1111118818	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118819	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118820	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118821	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118822	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118823	7.09	176.00	212.00	88	97	91.00	115.00	131.00	.39	1.77	70	576	70	360
1111118824	6.58	171.00	210.00	95	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118825	6.58	171.00	210.00	95	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118826	6.58	171.00	210.00	95	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118827	6.78	183.00	210.00	93	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118828	6.78	183.00	210.00	93	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118829	6.78	183.00	210.00	93	95	74.00	118.00	181.00	.48	2.46	70	576	70	360
1111118830	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118831	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118832	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118833	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118834	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118835	6.84	175.00	225.00	93	91	78.00	105.00	142.00	.37	1.93	70	576	70	360
1111118836	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	360
1111118837	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	360
1111118838	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	360
1111118839	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	360
1111118840	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	360
1111118841	6.71	182.00	236.00	87	88	73.00	115.00	132.00	.33	1.80	70	576	70	227
1111118843	6.79	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118844	6.79	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118845	6.79	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118846	6.79	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118847	6.52	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118848	6.52	185.00	239.00	86	86	76.00	107.00	119.00	.33	1.62	70	576	70	360
1111118849	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118850	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118851	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118852	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118853	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118854	6.93	197.00	277.00	91	91	83.00	117.00	119.00	.34	1.62	70	582	70	360
1111118855	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118856	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118857	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118858	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118859	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118860	6.90	186.00	240.00	87	83	80.00	124.00	118.00	.34	1.60	70	582	70	360
1111118861	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118862	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118863	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118864	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118865	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118866	7.13	188.00	245.00	87	91	86.00	108.00	121.00	.32	1.64	70	582	70	360
1111118867	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360
1111118868	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360
1111118869	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360

AGRU AMERICA ANDREWS PLANT

PO# / PROJECT: 009684 DOC 30000 SAVANNAH RIVER

PRODUCT / STYLE NAME: MARV 6 OZ COMPONENT FOR COMPOSITE

181 Hwy 521

DATE: 8/31/2015

Andrews, SC 29510

ASTM	D5261	D4632				D4533		D4491			D4751	D6241	D4355	
Method	Average Weight	Average Grab Tensile(MD)	Average Grab Tensile(CD)	Average Elongation (MD)	Average Elongation (CD)	Average Trap Tear (MD)	Average TRAP Tear (CD)	Water Flow Rate	Permeab.	Permitiv.	Apparent Opening Size	Average CBR Puncture	UV Resist % Retained @ 500 hrs	Roll Length
Units	oz / yd^2	Lbs	Lbs	%	%	Lbs	Lbs	gpm / ft^2	cm / sec	sec^{-1}	sieve	Units: Lbs	* % ret.	yds
1111118870	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360
1111118871	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360
1111118872	7.00	205.00	262.00	94	93	80.00	110.00	119.00	.33	1.61	70	582	70	360
1111118873	7.16	201.00	248.00	91	92	83.00	114.00	143.00	.40	1.94	70	582	70	360
1111118874	6.70	201.00	248.00	91	92	83.00	114.00	143.00	.40	1.94	70	582	70	360
1111118875	6.50	201.00	248.00	91	92	83.00	114.00	143.00	.40	1.94	70	582	70	360
1111118876	7.40	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118877	7.50	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118878	7.60	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118879	7.60	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118880	7.60	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118881	7.60	206.00	299.00	91	89	92.00	132.00	134.00	.38	1.82	70	640	70	360
1111118882	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118883	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118884	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118885	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118886	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118887	7.40	198.00	272.00	87	79	89.00	138.00	122.00	.36	1.66	70	640	70	360
1111118888	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118889	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118890	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118891	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118892	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118893	7.40	213.00	276.00	93	86	87.00	119.00	117.00	.35	1.59	70	640	70	360
1111118894	7.40	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118895	7.40	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118896	7.40	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118897	7.60	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118898	7.40	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118899	7.40	199.00	290.00	89	84	91.00	135.00	128.00	.36	1.73	70	640	70	360
1111118900	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118901	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118902	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118903	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118904	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118905	7.70	209.00	284.00	94	88	88.00	138.00	125.00	.34	1.69	70	640	70	360
1111118906	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118907	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118908	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118909	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118910	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118911	7.38	209.00	273.00	92	85	84.00	125.00	124.00	.34	1.69	70	658	70	360
1111118912	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118913	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118914	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118915	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118916	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118917	7.54	317.00	263.00	96	84	90.00	124.00	121.00	.35	1.64	70	658	70	360
1111118918	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360
1111118919	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360
1111118920	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360
1111118921	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360
1111118922	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360

AGRU AMERICA ANDREWS PLANT

PO# / PROJECT: 009684 DOC 30000 SAVANNAH RIVER

PRODUCT / STYLE NAME: MARV 6 OZ COMPONENT FOR COMPOSITE

181 Hwy 521

DATE: 8/31/2015

Andrews, SC 29510

ASTM	D5261	D4632				D4533		D4491			D4751	D6241	D4355	
Method	Average Weight	Average Grab Tensile(MD)	Average Grab Tensile(CD)	Average Elongation (MD)	Average Elongation (CD)	Average Trap Tear (MD)	Average TRAP Tear (CD)	Water Flow Rate	Permeab.	Permitiv.	Apparent Opening Size	Average CBR Puncture	UV Resist % Retained @ 500 hrs	Roll Length
Units	oz / yd^2	Lbs	Lbs	%	%	Lbs	Lbs	gpm / ft^2	cm / sec	sec^{-1}	sieve	Units: Lbs	* % ret.	yds
1111118923	7.75	200.00	314.00	93	92	92.00	132.00	133.00	.39	1.81	70	658	70	360
1111118924	7.64	202.00	293.00	94	90	89.00	125.00	112.00	.33	1.53	70	658	70	360
1111118925	7.64	202.00	293.00	94	90	89.00	125.00	112.00	.33	1.53	70	658	70	360
1111118926	7.64	202.00	293.00	94	90	89.00	125.00	112.00	.33	1.53	70	658	70	360
1111118927	7.64	202.00	293.00	94	90	89.00	125.00	112.00	.33	1.53	70	658	70	360
1111118928	7.64	202.00	293.00	94	90	89.00	125.00	112.00	.33	1.53	70	658	70	360
1111118946	6.30	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118947	6.30	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118948	6.30	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118949	7.40	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118950	7.40	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118951	7.40	207.00	226.00	76	89	87.00	118.00	117.00	.32	1.59	70	658	70	360
1111118952	7.20	235.00	258.00	76	85	98.00	126.00	117.00	.31	1.59	70	669	70	360
1111118953	7.20	235.00	258.00	76	85	98.00	126.00	117.00	.31	1.59	70	669	70	360
1111118954	7.20	235.00	258.00	76	85	98.00	126.00	117.00	.31	1.59	70	669	70	360
1111118955	7.20	235.00	258.00	76	85	98.00	126.00	120.00	.30	1.62	70	669	70	360
1111118961	7.13	227.00	250.00	74	82	96.00	113.00	128.00	.35	1.73	70	669	70	360
1111118962	7.13	227.00	250.00	74	82	96.00	113.00	128.00	.35	1.73	70	669	70	360
1111118963	7.13	227.00	250.00	74	82	96.00	113.00	128.00	.35	1.73	70	669	70	360
1111118964	7.11	219.00	252.00	75	83	88.00	110.00	128.00	.35	1.73	70	669	70	360
1111118965	7.11	219.00	252.00	75	83	88.00	110.00	116.00	.33	1.58	70	669	70	360
1111118966	7.11	219.00	252.00	75	83	88.00	110.00	116.00	.33	1.58	70	669	70	360
1111118967	7.11	219.00	252.00	75	83	88.00	110.00	116.00	.33	1.58	70	669	70	360
1111118968	7.11	219.00	252.00	75	83	88.00	110.00	116.00	.33	1.58	70	669	70	360
1111118969	7.11	219.00	252.00	75	83	88.00	110.00	116.00	.33	1.58	70	669	70	360
1111118970	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118971	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118972	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118973	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118974	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118975	7.30	213.00	239.00	73	81	86.00	112.00	114.00	.30	1.55	70	669	70	360
1111118976	6.82	226.00	276.00	75	86	95.00	144.00	115.00	.31	1.55	70	669	70	360
1111118977	6.82	226.00	276.00	75	86	95.00	144.00	115.00	.31	1.55	70	669	70	360
1111118978	6.82	226.00	276.00	75	86	95.00	144.00	115.00	.31	1.55	70	669	70	360
1111118979	6.82	226.00	276.00	75	86	95.00	144.00	115.00	.31	1.55	70	669	70	360
1111118980	6.82	226.00	276.00	75	86	95.00	144.00	115.00	.31	1.55	70	669	70	360
MIN	**6.30**	**171.00**	**210.00**	**73.00**	**79.00**	**73.00**	**105.00**	**112.00**	**.30**	**1.53**	**70.00**	**576.00**	**70.00**	140 rolls

Norman Legette, Plant Manager, Agru Andrews

Date: 8/31/2015

For Questions, Please Contact: Lab Manager, Agru Andrews
Mark Locklear
843-221-4121
Ext 1211

* UV test results are based on test performed at TRI Environmental Laboratory on similar weight products with the same raw material components per ASTM D-4355

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APPENDIX P6

GDL Conformance Test Reports

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Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
1.	G15E384210	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1100	conf
2.	G15E384211	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
3.	G15E384212	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
4.	G15E384213	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1196	
5.	G15E384214	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
6.	G15E384215	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
7.	G15E384216	14.5	160	2320	A	1111118951	B	1111118965	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
8.	G15E384217	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1102	
9.	G15E384218	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
10.	G15E384219	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1120	
11.	G15E384220	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1118	
12.	G15E384221	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1124	
13.	G15E384222	14.5	160	2320	A	1111118924	B	1111118919	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1115	
14.	G15E384223	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
15.	G15E384224	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
16.	G15E384225	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1122	
17.	G15E384226	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1112	
18.	G15E384227	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
19.	G15E384228	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1114	
20.	G15E384229	14.5	160	2320	A	1111118979	B	1111118912	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1110	
21.	G15E384230	14.5	160	2320	A	1111118979	B	1111118912	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1104	
22.	G15E384231	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1064	conf
23.	G15E384232	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1080	
24.	G15E384233	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1108	
25.	G15E384234	14.5	160	2320	A	1111118979	B	1111118912	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1108	
26.	G15E384235	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1106	
27.	G15E384236	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1110	
28.	G15E384237	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1110	
29.	G15E384238	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1102	
30.	G15E384239	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1106	
31.	G15E384240	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1102	
32.	G15E384241	14.5	160	2320	A	1111118963	B	1111118975	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1112	
33.	G15E384242	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1116	
34.	G15E384243	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
35.	G15E384244	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
36.	G15E384245	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1116	
37.	G15E384246	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
38.	G15E384247	14.5	160	2320	A	1111118900	B	1111118973	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1122	
39.	G15E216350	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
40.	G15E216353	14.5	160	2320	A	1111118913	B	1111118845	3.93	1.88	3.2 x 10-3	351	2.4	0.959	121.1	0.34	9.78 x 10-3	CFE610912	1116	
41.	G15E385250	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	956	
42.	G15E385253	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1088	
43.	G15E385254	14.5	160	2320	A	1111118910	B	1111118927	2.28	3.12	3.2 x 10-3	346	2.3	0.958	116.4	0.36	9.78 x 10-3	CFE610912	1114	
44.	G15E385258	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1122	conf
45.	G15E385259	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1116	
46.	G15E385260	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1095	
47.	G15E385261	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1114	
48.	G15E385262	14.5	160	2320	A	1111118902	B	1111118968	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1086	
49.	G15E385263	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
50.	G15E385264	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1098	
51.	G15E385265	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1128	
52.	G15E385266	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
53.	G15E385267	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1084	
54.	G15E385268	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1114	
55.	G15E385269	14.5	160	2320	A	1111118899	B	1111118966	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1096	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
56.	G15E385270	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1100	
57.	G15E385271	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
58.	G15E385272	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1100	
59.	G15E385273	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1102	
60.	G15E385274	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1084	
61.	G15E385275	14.5	160	2320	A	1111118955	B	1111118969	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1092	
62.	G15E385276	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1086	
63.	G15E385277	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1096	
64.	G15E385278	14.5	160	2320	A	1111118977	B	1111118964	6.55	6.80	3.2 x 10-3	347	2.3	0.962	106.6	0.35	9.78 x 10-3	15G1310	1092	
65.	G15E385279	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	conf
66.	G15E385280	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
67.	G15E385281	14.5	160	2320	A	1111118977	B	1111118964	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	
68.	G15E385282	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
69.	G15E385283	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1066	
70.	G15E385284	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
71.	G15E385285	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1090	
72.	G15E385286	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1084	
73.	G15E385287	14.5	160	2320	A	1111118976	B	1111118829	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1080	
74.	G15E385288	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
75.	G15E385289	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1114	
76.	G15E385290	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1130	
77.	G15E385291	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
78.	G15E385292	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1097	
79.	G15E386293	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1100	
80.	G15E386294	14.5	160	2320	A	1111118970	B	1111118866	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1096	
81.	G15E386295	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1086	
82.	G15E386296	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1028	
83.	G15E386297	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1024	
84.	G15E386298	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1028	
85.	G15E386299	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1024	
86.	G15E386300	14.5	160	2320	A	1111118962	B	1111118855	2.25	6.72	3.2 x 10-3	338	2.4	0.962	127.8	0.33	9.78 x 10-3	15G1310	1022	
87.	G15E386301	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	903	conf
88.	G15E386302	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1024	
89.	G15E386303	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1004	
90.	G15E386304	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1020	
91.	G15E386305	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1034	
92.	G15E386306	14.5	160	2320	A	1111118865	B	1111118967	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
93.	G15E386307	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1021	
94.	G15E386308	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
95.	G15E386309	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
96.	G15E386310	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	998	
97.	G15E386311	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	998	
98.	G15E386312	14.5	160	2320	A	1111118863	B	1111118972	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
99.	G15E386313	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
100.	G15E386314	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
101.	G15E386315	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	992	
102.	G15E386316	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	996	
103.	G15E386317	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1008	
104.	G15E386318	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
105.	G15E386319	14.5	160	2320	A	1111118868	B	1111118907	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
106.	G15E386320	14.5	160	2320	A	1111118870	B	1111118950	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1006	
107.	G15E386321	14.5	160	2320	A	1111118870	B	1111118950	5.08	4.98	3.2 x 10-3	327	2.5	0.962	117.7	0.32	9.78 x 10-3	15G1310	1002	
108.	G15E386322	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	988	conf
109.	G15E386323	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1004	
110.	G15E386324	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
111.	G15E386325	14.5	160	2320	A	1111118870	B	1111118950	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
112.	G15E386326	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1008	
113.	G15E386327	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
114.	G15E386328	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1018	
115.	G15E386329	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1016	
116.	G15E386330	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
117.	G15E386331	14.5	160	2320	A	1111118889	B	1111118978	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
118.	G15E386332	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	996	
119.	G15E386333	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
120.	G15E386334	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
121.	G15E386335	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	908	
122.	G15E386336	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1002	
123.	G15E386337	14.5	160	2320	A	1111118906	B	1111118885	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	1006	
124.	G15E386338	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	926	
125.	G15E386339	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	928	
126.	G15E386340	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	932	
127.	G15E386341	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	936	
128.	G15E386342	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	942	
129.	G15E386343	14.5	160	2320	A	1111118954	B	1111118883	3.72	3.31	3.2 x 10-3	353	2.4	0.962	138.2	0.36	9.78 x 10-3	15G1310	938	
130.	G15E386347	14.5	160	2320	A	1111118954	B	1111118883	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	900	conf
131.	G15E386348	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
132.	G15E386349	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
133.	G15E386350	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	916	
134.	G15E386351	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
135.	G15E386352	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	924	
136.	G15E386353	14.5	160	2320	A	1111118895	B	1111118911	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
137.	G15E386354	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	938	
138.	G15E386355	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	934	
139.	G15E386356	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
140.	G15E386357	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	924	
141.	G15E386358	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
142.	G15E386359	14.5	160	2320	A	1111118896	B	1111118980	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	918	
143.	G15E386360	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	930	
144.	G15E386361	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	918	
145.	G15E386362	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	926	
146.	G15E386363	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	20	
147.	G15E386364	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	922	
148.	G15E386365	14.5	160	2320	A	1111118828	B	1111118836	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	928	
149.	G15E386366	14.5	160	2320	A	1111118915	B	1111118897	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	932	
150.	G15E386367	14.5	160	2320	A	1111118915	B	1111118897	9.93	10.75	1.30 x 10-3	304	2.2	0.958	108.5	0.28	8.13 x 10-3	15G1310	916	
151.	G15E386368	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	conf
152.	G15E386369	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
153.	G15E386370	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
154.	G15E387371	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	918	
155.	G15E387372	14.5	160	2320	A	1111118915	B	1111118897	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
156.	G15E387373	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
157.	G15E387374	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
158.	G15E387375	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
159.	G15E387376	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	932	
160.	G15E387377	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	924	
161.	G15E387378	14.5	160	2320	A	1111118892	B	1111118961	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
162.	G15E387379	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	
163.	G15E387380	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
164.	G15E387381	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	932	
165.	G15E387382	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	928	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
166.	G15E387383	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	922	
167.	G15E387384	14.5	160	2320	A	1111118898	B	1111118890	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	920	
168.	G15E387385	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	920	
169.	G15E387386	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	926	
170.	G15E387387	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	916	
171.	G15E387388	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	912	
172.	G15E387389	14.5	160	2320	A	1111118831	B	1111118893	5.60	1.62	1.30 x 10-3	306	2.3	0.960	107.2	0.28	8.13 x 10-3	15G1310	910	
173.	G15E387390	14.5	160	2320	A	1111118831	B	1111118893	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	conf
174.	G15E387391	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
175.	G15E387392	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	918	
176.	G15E387393	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
177.	G15E387394	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
178.	G15E387395	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	902	
179.	G15E387396	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	898	
180.	G15E387397	14.5	160	2320	A	1111118869	B	1111118953	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	870	
181.	G15E387398	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
182.	G15E387399	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	914	
183.	G15E387400	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
184.	G15E387401	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
185.	G15E387402	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	906	
186.	G15E387403	14.5	160	2320	A	1111118882	B	1111118921	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	916	
187.	G15E387404	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	926	
188.	G15E387405	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	920	
189.	G15E387406	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	908	
190.	G15E387407	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
191.	G15E387408	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	908	
192.	G15E387409	14.5	160	2320	A	1111118905	B	1111118918	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
193.	G15E387410	14.5	160	2320	A	1111118826	B	1111118830	3.94	1.54	1.30 x 10-3	306	2.2	0.961	105.3	0.28	8.13 x 10-3	15G1310	910	
194.	G15E387411	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	conf
195.	G15E387415	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	916	
196.	G15E387416	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	922	
197.	G15E387417	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
198.	G15E387418	14.5	160	2320	A	1111118826	B	1111118830	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	914	
199.	G15E387419	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	916	
200.	G15E387420	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
201.	G15E387421	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	928	
202.	G15E387422	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	920	
203.	G15E387423	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	15G1310	918	
204.	G15E387424	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	906	
205.	G15E387425	14.5	160	2320	A	1111118909	B	1111118827	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	900	
206.	G15E387426	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	920	
207.	G15E387427	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
208.	G15E387428	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	908	
209.	G15E387429	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
210.	G15E387430	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	922	
211.	G15E387431	14.5	160	2320	A	1111118901	B	1111118925	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	916	
212.	G15E387432	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	912	
213.	G15E387433	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	910	
214.	G15E387434	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	904	
215.	G15E387435	14.5	160	2320	A	1111118908	B	1111118881	5.36	3.31	1.30 x 10-3	305	2.4	0.957	101.8	0.28	8.13 x 10-3	CFH611420	906	
216.	G15E387436	14.5	160	2320	A	1111118908	B	1111118881	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	conf
217.	G15E387437	14.5	160	2320	A	1111118908	B	1111118881	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	912	
218.	G15E387438	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	906	
219.	G15E387439	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	
220.	G15E387440	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
221.	G15E387441	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	910	
222.	G15E387442	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	908	
223.	G15E387443	14.5	160	2320	A	1111118904	B	1111118835	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	909	
224.	G15E387444	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	924	
225.	G15E387445	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	930	
226.	G15E387446	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	916	
227.	G15E387447	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	919	
228.	G15E387448	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
229.	G15E387449	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	900	
230.	G15E387450	14.5	160	2320	A	1111118916	B	1111118971	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
231.	G15E391001	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	916	
232.	G15E391002	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	920	
233.	G15E391003	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	902	
234.	G15E391004	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
235.	G15E391005	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
236.	G15E391006	14.5	160	2320	A	1111118888	B	1111118914	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	894	
237.	G15E391007	14.5	160	2320	A	1111118891	B	1111118923	10.50	9.68	1.22 x 10-3	306	2.3	0.967	104.9	0.27	8.04 x 10-3	CFH611420	892	
238.	G15E391008	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	880	conf
239.	G15E391009	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	898	
240.	G15E391010	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
241.	G15E391011	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	914	
242.	G15E391012	14.5	160	2320	A	1111118891	B	1111118923	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	900	
243.	G15E391013	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
244.	G15E391014	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	890	
245.	G15E391015	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	898	
246.	G15E391016	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	914	
247.	G15E391017	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	906	
248.	G15E391018	14.5	160	2320	A	1111118926	B	1111118903	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	912	
249.	G15E391019	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	916	
250.	G15E391020	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	938	
251.	G15E391021	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	892	
252.	G15E391022	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
253.	G15E391023	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	946	
254.	G15E391024	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
255.	G15E391025	14.5	160	2320	A	1111118952	B	1111118917	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	946	
256.	G15E391026	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	940	
257.	G15E391027	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	944	
258.	G15E391028	14.5	160	2320	A	1111118949	B	1111118922	2.92	6.64	1.22 x 10-3	301	2.7	0.967	109.2	0.27	8.04 x 10-3	CFH611420	936	
259.	G15E391029	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	974	conf
260.	G15E391030	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	916	
261.	G15E391031	14.5	160	2320	A	1111118949	B	1111118922	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	934	
262.	G15E391032	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
263.	G15E391033	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	924	
264.	G15E391034	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
265.	G15E391035	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	920	
266.	G15E391036	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	932	
267.	G15E391037	14.5	160	2320	A	1111118946	B	1111118920	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	936	
268.	G15E391038	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	940	
269.	G15E391039	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
270.	G15E391040	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
271.	G15E391041	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	930	
272.	G15E391042	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	940	
273.	G15E391043	14.5	160	2320	A	1111118854	B	1111118844	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	946	
274.	G15E391044	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
275.	G15E391045	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	936	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

agru america quality control dept

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
276.	G15E391046	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
277.	G15E391047	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	928	
278.	G15E391048	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	938	
279.	G15E391052	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	926	
280.	G15E391053	14.5	160	2320	A	1111118874	B	1111118871	5.04	2.84	1.22 x 10-3	320	2.4	0.965	111.3	0.29	8.04 x 10-3	CFH611420	932	
281.	G15E391054	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	conf
282.	G15E391055	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
283.	G15E391056	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
284.	G15E391057	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	908	
285.	G15E391058	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
286.	G15E391059	14.5	160	2320	A	1111118887	B	1111118858	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
287.	G15E391060	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
288.	G15E391061	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	916	
289.	G15E391062	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
290.	G15E391063	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	906	
291.	G15E391064	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
292.	G15E391065	14.5	160	2320	A	1111118879	B	1111118876	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
293.	G15E391066	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	898	
294.	G15E391067	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	912	
295.	G15E391068	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
296.	G15E391069	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
297.	G15E391070	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	902	
298.	G15E391071	14.5	160	2320	A	1111118878	B	1111118873	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	900	
299.	G15E391072	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	910	
300.	G15E391073	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	894	
301.	G15E391074	14.5	160	2320	A	1111118853	B	1111118864	10.06	8.73	1.22 x 10-3	309	2.2	0.964	105.0	0.27	8.04 x 10-3	CFH611420	878	
302.	G15E391075	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	870	conf
303.	G15E391076	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	919	
304.	G15E391077	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	920	
305.	G15E391078	14.5	160	2320	A	1111118853	B	1111118864	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	890	
306.	G15E391079	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	3898	
307.	G15E391080	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	898	
308.	G15E391081	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
309.	G15E392082	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
310.	G15E392083	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	890	
311.	G15E392084	14.5	160	2320	A	1111118884	B	1111118857	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	908	
312.	G15E392085	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
313.	G15E392086	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
314.	G15E392087	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	940	
315.	G15E392088	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	938	
316.	G15E392089	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	894	
317.	G15E392090	14.5	160	2320	A	1111118861	B	1111118875	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	944	
318.	G15E392091	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	940	
319.	G15E392092	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	938	
320.	G15E392093	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	934	
321.	G15E392094	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	930	
322.	G15E392095	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	945	
323.	G15E392096	14.5	160	2320	A	1111118856	B	1111118880	1.37	4.84	1.22 x 10-3	303	2.4	0.964	115.3	0.27	8.04 x 10-3	CFH611420	928	
324.	G15E392097	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	926	conf
325.	G15E392098	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	940	
326.	G15E392099	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	932	
327.	G15E392100	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	940	
328.	G15E392101	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	935	
329.	G15E392102	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	834	
330.	G15E392103	14.5	160	2320	A	1111118872	B	1111118862	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	930	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
331.	G15E392104	14.5	146	2117	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	900	
332.	G15E392107	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	902	
333.	G15E392108	14.5	174	2523	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	978	
334.	G15E392109	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
335.	G15E392110	14.5	160	2320	A	1111118832	B	1111118851	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	914	
336.	G15E392111	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	920	
337.	G15E392112	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	918	
338.	G15E392113	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
339.	G15E392114	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	914	
340.	G15E392115	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	922	
341.	G15E392116	14.5	160	2320	A	1111118843	B	1111118819	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	910	
342.	G15E392117	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	904	
343.	G15E392118	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	900	
344.	G15E392119	14.5	160	2320	A	1111118834	B	1111118837	5.58	1.50	1.22 x 10-3	309	2.3	0.964	108.4	0.27	8.04 x 10-3	CFH611420	904	
345.	G15E392120	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	conf
346.	G15E392121	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	910	
347.	G15E392122	14.5	160	2320	A	1111118834	B	1111118837	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	904	
348.	G15E392123	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
349.	G15E392124	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	912	
350.	G15E392125	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	904	
351.	G15E392126	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	912	
352.	G15E392127	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
353.	G15E392128	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	908	
354.	G15E392129	14.5	160	2320	A	1111118822	B	1111118818	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	910	
355.	G15E392130	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	906	
356.	G15E392131	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	908	
357.	G15E392132	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	918	
358.	G15E392133	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
359.	G15E392134	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
360.	G15E392135	14.5	160	2320	A	1111118886	B	1111118839	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
361.	G15E392136	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	914	
362.	G15E392137	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
363.	G15E392138	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	898	
364.	G15E392139	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	920	
365.	G15E392142	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
366.	G15E392143	14.5	160	2320	A	1111118877	B	1111118833	5.00	3.28	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	900	
367.	G15E392144	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	309	2.2	0.961	107.2	0.27	8.04 x 10-3	CFH611420	864	conf
368.	G15E392145	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	870	
369.	G15E392146	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	874	
370.	G15E392147	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	874	
371.	G15E392148	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	862	
372.	G15E392149	14.5	160	2320	A	1111118860	B	1111118852	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	868	
373.	G15E392150	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	872	
374.	G15E392151	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	870	
375.	G15E392152	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	878	
376.	G15E392153	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	880	
377.	G15E392154	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	882	
378.	G15E392155	14.5	160	2320	A	1111118834	B	1111118837	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	900	
379.	G15E392156	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
380.	G15E392157	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	888	
381.	G15E392158	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	886	
382.	G15E392159	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	916	
383.	G15E392160	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	
384.	G15E392161	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	898	
385.	G15E392162	14.5	160	2320	A	1111118822	B	1111118818	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	872	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt	
386.	G15E392163	14.5	160	2320	A	1111118886	B	1111118839	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	894	
387.	G15E392164	14.5	160	2320	A	1111118886	B	1111118839	9.66	9.37	1.22 x 10-3	315	2.3	0.962	109.4	0.29	8.04 x 10-3	CFH611420	890	
388.	G15E392165	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	892	conf
389.	G15E392166	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	910	
390.	G15E393167	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	890	
391.	G15E393168	14.5	200	2900	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	1155	
392.	G15E393169	14.5	160	2320	A	1111118886	B	1111118839	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
393.	G15E393170	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	884	
394.	G15E393171	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	878	
395.	G15E393172	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	884	
396.	G15E393173	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
397.	G15E393174	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	898	
398.	G15E393175	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	894	
399.	G15E393176	14.5	160	2320	A	1111118877	B	1111118833	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	872	
400.	G15E393177	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	880	
401.	G15E393178	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	896	
402.	G15E393179	14.5	120	1740	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	600	
403.	G15E393189	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	974	
404.	G15E393190	14.5	160	2320	A	1111118860	B	1111118852	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	934	
405.	G15E393191	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	940	
406.	G15E393192	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	930	
407.	G15E393193	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	908	
408.	G15E393194	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	914	
409.	G15E393195	14.5	160	2320	A	1111118848	B	1111118894	3.08	4.12	1.22 x 10-3	310	2.3	0.964	102.8	0.27	8.04 x 10-3	CFH611420	910	
410.	G15E393196	14.5	160	2320	A	1111118848	B	1111118894	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	conf
411.	G15E393197	14.5	160	2320	A	1111118848	B	1111118894	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
412.	G15E393198	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	
413.	G15E393199	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
414.	G15E393200	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	920	
415.	G15E393201	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
416.	G15E393202	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	916	
417.	G15E393203	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	920	
418.	G15E393204	14.5	160	2320	A	1111118846	B	1111118825	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	918	
419.	G15E393205	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	918	
420.	G15E393206	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	924	
421.	G15E393207	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	924	
422.	G15E393208	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	922	
423.	G15E393209	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	912	
424.	G15E393210	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
425.	G15E393211	14.5	160	2320	A	1111118823	B	1111118824	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	904	
426.	G15E393212	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	906	
427.	G15E393213	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	902	
428.	G15E393214	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	906	
429.	G15E393215	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	900	
430.	G15E393216	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	914	
431.	G15E393217	14.5	160	2320	A	1111118847	B	1111118821	7.36	7.44	1.22 x 10-3	309	2.4	0.964	107.8	0.28	8.04 x 10-3	CFH611420	902	
432.	G15E393218	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902	conf
433.	G15E393219	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902	
434.	G15E393220	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908	
435.	G15E393221	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	918	
436.	G15E393223	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	904	
437.	G15E393224	14.5	160	2320	A	1111118850	B	1111118838	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	914	
438.	G15E393225	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	900	
439.	G15E393226	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	912	
440.	G15E393227	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	912	

Geocomposite Quality Certification

DOUBLE SIDED COMPOSITE

Customer: Environmental Specialties
PO#: 22077 Savannah River Nuclear Site
Destination: Aiken, SC
doc #: 30000

Agru America
500 Garrison Road
Georgetown, SC 29440
ph: 843-546-0600

Quality Control Manager

Agru America certifies the following results for the above project:

ESI Savannah River Nuclear doc 30000 TEX06M component (009684)

Type: 6-300-6 comp

	roll #	wid	len	area	SIDE	TEX. ROLL #	SIDE	TEX. ROLL #	COMP ASTM D7005 PLY-A	COMP ASTM D7005 PLY-B	COMP ASTM D4716 Trans*	NET ASTM D5199 ave	NET ASTM D4218 Car	NET ASTM D792 Den	NET ASTM D5035 Ten	NET ASTM D5261 M/U	NET ASTM D4716 Trans**	Geocomposite *Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time	Geonet Component **Transmissivity Conditions: 0.1 gradient, 10,000 psf 15 minute seating time
		ft	ft	sqft					lb/in	lb/in	m²/sec	mil	%	g/cc	lb/in	lb/ft²	m²/sec	Resin Lot #	wgt
441.	G15E393228	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908
442.	G15E393229	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
443.	G15E393230	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	914
444.	G15E393231	14.5	160	2320	A	1111118867	B	1111118841	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
445.	G15E393232	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	910
446.	G15E393233	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	916
447.	G15E393234	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	908
448.	G15E393235	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	898
449.	G15E393236	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	902
450.	G15E393237	14.5	160	2320	A	1111118849	B	1111118840	7.24	7.53	1.77x 10-3	316	2.4	0.964	103.7	0.28	9.35 x 10-3	CFH611420	916

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

August 31, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-77-02
Material(s) Tested:	Five, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

Signature is on file

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

TRI ENVIRONMENTAL, INC.
9063 BEE CAVES RD. – AUSTIN, TX 78733 – USA | PH: 800.880.TEST OR 512.263.2101

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-77-02

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118818													
5" diameter circle (grams)	3.14	2.68	3.06	3.23	3.28	3.27	3.07	3.31	3.48	3.14	**3.17**	0.21	
Mass/Unit Area (oz/sq.yd)	7.30	6.23	7.12	7.51	7.63	7.61	7.14	7.70	8.09	7.30	**7.36**	0.49	5.7 min. ave.
Sample Identification: 1111118821													
5" diameter circle (grams)	2.91	2.83	2.53	2.97	2.92	2.65	2.77	2.67	2.64	3.01	**2.79**	0.16	
Mass/Unit Area (oz/sq.yd)	6.77	6.58	5.88	6.91	6.79	6.16	6.44	6.21	6.14	7.00	**6.49**	0.38	5.7 min. ave.
Sample Identification: 1111118824													
5" diameter circle (grams)	2.96	2.49	2.52	2.90	2.69	2.62	2.84	2.19	2.69	2.63	**2.65**	0.22	
Mass/Unit Area (oz/sq.yd)	6.88	5.79	5.86	6.75	6.26	6.09	6.61	5.09	6.26	6.12	**6.17**	0.52	5.7 min. ave.
Sample Identification: 1111118827													
5" diameter circle (grams)	3.09	2.79	2.74	2.77	2.90	2.97	3.19	3.08	3.07	2.72	**2.93**	0.17	
Mass/Unit Area (oz/sq.yd)	7.19	6.49	6.37	6.44	6.75	6.91	7.42	7.16	7.14	6.33	**6.82**	0.40	5.7 min. ave.
Sample Identification: 1111118830													
5" diameter circle (grams)	2.79	2.67	2.63	2.91	2.86	2.91	3.05	2.86	3.08	2.66	**2.84**	0.16	
Mass/Unit Area (oz/sq.yd)	6.49	6.21	6.12	6.77	6.65	6.77	7.09	6.65	7.16	6.19	**6.61**	0.36	5.7 min. ave.

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

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TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

September 28, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-78-05
Material(s) Tested:	Nine, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

TRI ENVIRONMENTAL, INC.
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GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-78-05

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118864													
5" diameter circle (grams)	2.87	3.02	3.51	3.13	2.76	3.08	2.85	2.83	2.87	2.71	**2.96**	0.23	
Mass/Unit Area (oz/sq.yd)	6.68	7.02	8.16	7.28	6.42	7.16	6.63	6.58	6.68	6.30	**6.89**	0.55	5.7 min. ave.
Sample Identification: 1111118867													
5" diameter circle (grams)	3.00	2.98	2.47	2.85	2.88	3.05	3.06	3.21	2.86	2.88	**2.92**	0.20	
Mass/Unit Area (oz/sq.yd)	6.98	6.93	5.75	6.63	6.70	7.09	7.12	7.47	6.65	6.70	**6.80**	0.46	5.7 min. ave.
Sample Identification: 1111118870													
5" diameter circle (grams)	3.20	2.93	3.16	2.97	2.91	3.14	2.77	2.98	3.05	2.51	**2.96**	0.21	
Mass/Unit Area (oz/sq.yd)	7.44	6.82	7.35	6.91	6.77	7.30	6.44	6.93	7.09	5.84	**6.89**	0.48	5.7 min. ave.
Sample Identification: 1111118873													
5" diameter circle (grams)	2.88	3.23	3.13	3.53	3.11	3.29	3.20	2.95	2.99	2.88	**3.12**	0.20	
Mass/Unit Area (oz/sq.yd)	6.70	7.51	7.28	8.21	7.23	7.65	7.44	6.86	6.95	6.70	**7.25**	0.48	5.7 min. ave.
Sample Identification: 1111118876													
5" diameter circle (grams)	3.08	3.10	3.15	3.19	3.28	2.93	3.07	3.21	2.94	3.25	**3.12**	0.12	
Mass/Unit Area (oz/sq.yd)	7.16	7.21	7.33	7.42	7.63	6.82	7.14	7.47	6.84	7.56	**7.26**	0.28	5.7 min. ave.
Sample Identification: 1111118879													
5" diameter circle (grams)	3.10	3.20	3.38	3.22	3.27	3.40	3.35	3.58	3.46	3.27	**3.32**	0.14	
Mass/Unit Area (oz/sq.yd)	7.21	7.44	7.86	7.49	7.61	7.91	7.79	8.33	8.05	7.61	**7.73**	0.33	5.7 min. ave.
Sample Identification: 1111118882													
5" diameter circle (grams)	3.38	3.33	3.19	3.57	2.88	3.34	3.15	3.32	3.22	3.28	**3.27**	0.18	
Mass/Unit Area (oz/sq.yd)	7.86	7.75	7.42	8.30	6.70	7.77	7.33	7.72	7.49	7.63	**7.60**	0.42	5.7 min. ave.
Sample Identification: 1111118885													
5" diameter circle (grams)	3.12	3.25	2.90	3.11	3.01	3.49	3.39	2.77	2.72	3.10	**3.09**	0.25	
Mass/Unit Area (oz/sq.yd)	7.26	7.56	6.75	7.23	7.00	8.12	7.89	6.44	6.33	7.21	**7.18**	0.58	5.7 min. ave.
Sample Identification: 1111118888													
5" diameter circle (grams)	3.18	3.18	2.87	3.16	3.24	3.01	3.18	2.73	3.24	3.40	**3.12**	0.20	
Mass/Unit Area (oz/sq.yd)	7.40	7.40	6.68	7.35	7.54	7.00	7.40	6.35	7.54	7.91	**7.25**	0.46	5.7 min. ave.

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TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

September 29, 2015

Mail To:

Ashton Vidrine
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7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-78-06
Material(s) Tested:	Ten, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

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TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
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GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-78-06

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118833													
5" diameter circle (grams)	2.81	3.00	2.69	2.57	2.83	2.95	2.73	2.70	2.82	2.52	**2.76**	0.15	
Mass/Unit Area (oz/sq.yd)	6.54	6.98	6.26	5.98	6.58	6.86	6.35	6.28	6.56	5.86	**6.42**	0.35	5.7 min. ave.
Sample Identification: 1111118836													
5" diameter circle (grams)	2.80	3.02	2.79	3.00	3.07	2.91	2.82	2.63	3.07	2.88	**2.90**	0.14	
Mass/Unit Area (oz/sq.yd)	6.51	7.02	6.49	6.98	7.14	6.77	6.56	6.12	7.14	6.70	**6.74**	0.33	5.7 min. ave.
Sample Identification: 1111118839													
5" diameter circle (grams)	3.21	2.95	3.11	3.16	3.48	3.37	2.92	2.71	3.06	3.26	**3.12**	0.23	
Mass/Unit Area (oz/sq.yd)	7.47	6.86	7.23	7.35	8.09	7.84	6.79	6.30	7.12	7.58	**7.26**	0.53	5.7 min. ave.
Sample Identification: 1111118843													
5" diameter circle (grams)	2.64	3.14	2.71	2.54	2.48	2.80	2.62	2.72	2.30	2.45	**2.64**	0.23	
Mass/Unit Area (oz/sq.yd)	6.14	7.30	6.30	5.91	5.77	6.51	6.09	6.33	5.35	5.70	**6.14**	0.53	5.7 min. ave.
Sample Identification: 1111118846													
5" diameter circle (grams)	2.95	3.10	2.94	3.14	2.86	3.20	2.67	3.10	3.05	2.71	**2.97**	0.18	
Mass/Unit Area (oz/sq.yd)	6.86	7.21	6.84	7.30	6.65	7.44	6.21	7.21	7.09	6.30	**6.91**	0.42	5.7 min. ave.
Sample Identification: 1111118849													
5" diameter circle (grams)	3.26	3.36	2.97	3.11	3.09	3.06	2.73	3.03	3.42	3.52	**3.16**	0.24	
Mass/Unit Area (oz/sq.yd)	7.58	7.82	6.91	7.23	7.19	7.12	6.35	7.05	7.95	8.19	**7.34**	0.55	5.7 min. ave.
Sample Identification: 1111118852													
5" diameter circle (grams)	2.81	2.85	2.83	2.95	2.95	2.86	3.10	3.27	2.74	2.85	**2.92**	0.16	
Mass/Unit Area (oz/sq.yd)	6.54	6.63	6.58	6.86	6.86	6.65	7.21	7.61	6.37	6.63	**6.79**	0.37	5.7 min. ave.
Sample Identification: 1111118855													
5" diameter circle (grams)	3.60	3.84	3.44	3.62	3.05	3.34	3.44	3.48	3.25	3.30	**3.44**	0.22	
Mass/Unit Area (oz/sq.yd)	8.37	8.93	8.00	8.42	7.09	7.77	8.00	8.09	7.56	7.68	**7.99**	0.51	5.7 min. ave.
Sample Identification: 1111118858													
5" diameter circle (grams)	3.03	3.06	2.94	2.93	3.00	3.20	3.03	3.02	2.76	3.05	**3.00**	0.11	
Mass/Unit Area (oz/sq.yd)	7.05	7.12	6.84	6.82	6.98	7.44	7.05	7.02	6.42	7.09	**6.98**	0.26	5.7 min. ave.
Sample Identification: 1111118861													
5" diameter circle (grams)	3.13	3.32	3.46	3.20	3.00	3.00	3.40	3.47	3.24	3.36	**3.26**	0.17	
Mass/Unit Area (oz/sq.yd)	7.28	7.72	8.05	7.44	6.98	6.98	7.91	8.07	7.54	7.82	**7.58**	0.41	5.7 min. ave.

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AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

September 28, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-80-10
Material(s) Tested:	Four, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-80-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118918													
5" diameter circle (grams)	3.44	3.36	3.24	3.15	3.47	2.98	3.47	3.32	3.12	2.80	**3.24**	0.22	
Mass/Unit Area (oz/sq.yd)	8.00	7.82	7.54	7.33	8.07	6.93	8.07	7.72	7.26	6.51	**7.52**	0.52	5.7 min. ave.
Sample Identification: 1111118921													
5" diameter circle (grams)	2.73	2.90	2.69	3.00	3.02	2.79	3.44	3.03	3.33	3.22	**3.02**	0.25	
Mass/Unit Area (oz/sq.yd)	6.35	6.75	6.26	6.98	7.02	6.49	8.00	7.05	7.75	7.49	**7.01**	0.59	5.7 min. ave.
Sample Identification: 1111118924													
5" diameter circle (grams)	2.97	3.42	3.54	3.36	3.31	3.22	3.02	2.98	3.59	2.95	**3.24**	0.24	
Mass/Unit Area (oz/sq.yd)	6.91	7.95	8.23	7.82	7.70	7.49	7.02	6.93	8.35	6.86	**7.53**	0.57	5.7 min. ave.
Sample Identification: 1111118927													
5" diameter circle (grams)	3.09	3.15	3.13	3.14	3.22	2.95	2.89	2.92	3.26	3.78	**3.15**	0.25	
Mass/Unit Area (oz/sq.yd)	7.19	7.33	7.28	7.30	7.49	6.86	6.72	6.79	7.58	8.79	**7.33**	0.59	5.7 min. ave.

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September 28, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-81-05
Material(s) Tested:	Nine, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-81-05

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118891													
5" diameter circle (grams)	3.11	3.34	3.28	3.22	3.09	3.14	3.10	3.09	3.14	3.41	**3.19**	0.12	
Mass/Unit Area (oz/sq.yd)	7.23	7.77	7.63	7.49	7.19	7.30	7.21	7.19	7.30	7.93	**7.42**	0.27	5.7 min. ave.
Sample Identification: 1111118894													
5" diameter circle (grams)	3.00	3.02	3.34	3.30	3.23	3.16	3.37	3.24	3.31	3.62	**3.26**	0.18	
Mass/Unit Area (oz/sq.yd)	6.98	7.02	7.77	7.68	7.51	7.35	7.84	7.54	7.70	8.42	**7.58**	0.42	5.7 min. ave.
Sample Identification: 1111118897													
5" diameter circle (grams)	4.33	3.63	3.09	3.44	3.41	3.16	3.15	3.60	3.35	3.09	**3.43**	0.38	
Mass/Unit Area (oz/sq.yd)	10.07	8.44	7.19	8.00	7.93	7.35	7.33	8.37	7.79	7.19	**7.97**	0.87	5.7 min. ave.
Sample Identification: 1111118900													
5" diameter circle (grams)	3.73	3.68	3.32	2.69	3.10	3.45	3.42	3.37	3.45	3.49	**3.37**	0.30	
Mass/Unit Area (oz/sq.yd)	8.68	8.56	7.72	6.26	7.21	8.02	7.95	7.84	8.02	8.12	**7.84**	0.69	5.7 min. ave.
Sample Identification: 1111118903													
5" diameter circle (grams)	3.07	3.42	3.25	2.83	3.01	3.15	3.08	3.22	3.17	2.95	**3.12**	0.17	
Mass/Unit Area (oz/sq.yd)	7.14	7.95	7.56	6.58	7.00	7.33	7.16	7.49	7.37	6.86	**7.25**	0.39	5.7 min. ave.
Sample Identification: 1111118906													
5" diameter circle (grams)	3.19	3.22	3.34	3.28	3.04	3.32	3.05	3.02	2.90	3.16	**3.15**	0.15	
Mass/Unit Area (oz/sq.yd)	7.42	7.49	7.77	7.63	7.07	7.72	7.09	7.02	6.75	7.35	**7.33**	0.34	5.7 min. ave.
Sample Identification: 1111118909													
5" diameter circle (grams)	3.23	3.34	3.29	3.23	2.97	3.18	3.10	3.34	3.49	3.09	**3.23**	0.15	
Mass/Unit Area (oz/sq.yd)	7.51	7.77	7.65	7.51	6.91	7.40	7.21	7.77	8.12	7.19	**7.50**	0.35	5.7 min. ave.
Sample Identification: 1111118912													
5" diameter circle (grams)	3.46	3.10	3.40	3.55	3.45	3.09	3.33	2.82	3.12	3.05	**3.24**	0.23	
Mass/Unit Area (oz/sq.yd)	8.05	7.21	7.91	8.26	8.02	7.19	7.75	6.56	7.26	7.09	**7.53**	0.54	5.7 min. ave.
Sample Identification: 1111118915													
5" diameter circle (grams)	3.56	3.68	3.31	2.99	3.22	3.51	2.94	3.28	2.90	3.05	**3.24**	0.27	
Mass/Unit Area (oz/sq.yd)	8.28	8.56	7.70	6.95	7.49	8.16	6.84	7.63	6.75	7.09	**7.55**	0.64	5.7 min. ave.

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September 28, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

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TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2401-82-07
Material(s) Tested:	Ten, Agru 6 oz Nonwoven Geotextile(s) - Component for Composite
Test(s) Requested:	Mass/Unit Area (ASTM D 5261)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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GEOTEXTILE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6 oz Nonwoven Geotextile - Component for Composite
Mass/Unit Area (ASTM D 5261)
TRI Log #: E2401-82-07

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Sample Identification: 1111118947													
5" diameter circle (grams)	2.89	2.52	2.92	2.80	2.84	3.01	3.04	2.87	2.81	2.81	**2.85**	0.14	
Mass/Unit Area (oz/sq.yd)	6.72	5.86	6.79	6.51	6.61	7.00	7.07	6.68	6.54	6.54	**6.63**	0.33	5.7 min. ave.
Sample Identification: 1111118950													
5" diameter circle (grams)	3.20	3.18	2.91	2.93	3.04	3.13	2.79	3.01	3.17	3.41	**3.08**	0.18	
Mass/Unit Area (oz/sq.yd)	7.44	7.40	6.77	6.82	7.07	7.28	6.49	7.00	7.37	7.93	**7.16**	0.41	5.7 min. ave.
Sample Identification: 1111118953													
5" diameter circle (grams)	3.14	3.09	3.01	3.01	2.98	3.46	3.08	3.01	3.11	2.95	**3.08**	0.15	
Mass/Unit Area (oz/sq.yd)	7.30	7.19	7.00	7.00	6.93	8.05	7.16	7.00	7.23	6.86	**7.17**	0.34	5.7 min. ave.
Sample Identification: 1111118961													
5" diameter circle (grams)	2.94	3.19	3.17	3.28	3.07	3.05	3.12	2.80	2.74	3.03	**3.04**	0.17	
Mass/Unit Area (oz/sq.yd)	6.84	7.42	7.37	7.63	7.14	7.09	7.26	6.51	6.37	7.05	**7.07**	0.40	5.7 min. ave.
Sample Identification: 1111118964													
5" diameter circle (grams)	3.19	3.28	2.99	3.20	3.13	3.08	3.10	3.14	3.49	3.23	**3.18**	0.14	
Mass/Unit Area (oz/sq.yd)	7.42	7.63	6.95	7.44	7.28	7.16	7.21	7.30	8.12	7.51	**7.40**	0.32	5.7 min. ave.
Sample Identification: 1111118967													
5" diameter circle (grams)	3.59	3.35	3.21	2.96	3.12	2.94	3.11	3.28	2.98	3.35	**3.19**	0.21	
Mass/Unit Area (oz/sq.yd)	8.35	7.79	7.47	6.88	7.26	6.84	7.23	7.63	6.93	7.79	**7.42**	0.48	5.7 min. ave.
Sample Identification: 1111118970													
5" diameter circle (grams)	2.95	3.27	3.11	3.08	3.09	3.84	3.27	2.97	3.14	2.85	**3.16**	0.27	
Mass/Unit Area (oz/sq.yd)	6.86	7.61	7.23	7.16	7.19	8.93	7.61	6.91	7.30	6.63	**7.34**	0.64	5.7 min. ave.
Sample Identification: 1111118973													
5" diameter circle (grams)	2.99	2.94	2.60	3.08	2.86	3.06	2.82	2.75	2.79	2.84	**2.87**	0.15	
Mass/Unit Area (oz/sq.yd)	6.95	6.84	6.05	7.16	6.65	7.12	6.56	6.40	6.49	6.61	**6.68**	0.34	5.7 min. ave.
Sample Identification: 1111118976													
5" diameter circle (grams)	2.89	2.95	2.90	3.12	3.16	3.15	3.15	2.73	3.03	3.03	**3.01**	0.14	
Mass/Unit Area (oz/sq.yd)	6.72	6.86	6.75	7.26	7.35	7.33	7.33	6.35	7.05	7.05	**7.00**	0.33	5.7 min. ave.
Sample Identification: 1111118979													
5" diameter circle (grams)	2.96	3.23	2.89	3.18	3.20	3.07	3.26	2.82	2.88	3.11	**3.06**	0.16	
Mass/Unit Area (oz/sq.yd)	6.88	7.51	6.72	7.40	7.44	7.14	7.58	6.56	6.70	7.23	**7.12**	0.38	5.7 min. ave.

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AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

October 2, 2015
October 9, 2015 Updated with 100 hour Transmissivity test result.

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the samples listed below.

Project:	**Savannah River Site**	
TRI Job Reference Number:	E2402-05-06	
Materials Tested:	Two Agru 6-300-6 Double Sided Geocomposite	
Tests Requested:	Transmissivity (ASTM D 4716) - GC Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN	<===Updating

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

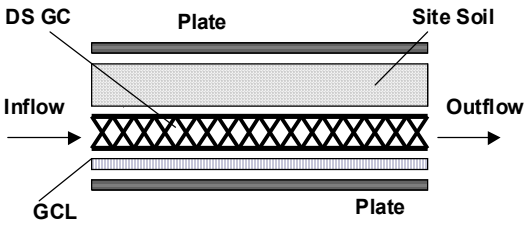
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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E384210
TRI Log #: E2402-05-06

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Hydraulic Transmissivity (ASTM D 4716)													
Direction Tested: Machine Direction													
Normal Load (psf): 500													
Hydraulic Gradient: 0.25													
Test Length (in) 12													
Test Width (in) 12													
Plate / Site Soil / DSGC Sample / GCL / Plate													
Seat Time (hours)	Specimen		1										
	Volume (cc)		955	944	944								
	Time (s)		5.53	5.55	5.63								
100	Flow Rate (GPM/ft width)		2.74	2.70	2.66						**2.70**	0.04	
	Transmissivity (m^2/s)		2.27E-03	2.24E-03	2.21E-03						**2.24E-03**	3.31E-05	2.0E-04 min.
	Test Temp (C)			20.0									
	Temp. Corr. Factor			1.004									
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	7.6	1.8	3.4	4.0	1.6						**3.7**	2.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	3450	817	1544	1816	726						**1671**	1098	0.5 min.
B - MD Average Peel Strength (ppi)	7.0	3.1	3.5	4.7	5.6						**4.8**	1.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	3178	1407	1589	2134	2542						**2170**	720	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)	GEONET COMPONENT												
Thickness (mils)	345	350	350	348	360	351	353	356	353	371	**354**	7	300 min.
											345	<< min	



MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E384231
TRI Log #: E2402-05-06

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.0	4.6	8.9	1.2	1.2						**4.2**	3.2	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2270	2088	4041	545	545						**1898**	1452	0.5 min.
B - MD Average Peel Strength (ppi)	0.7	1.2	3.4	4.0	3.6						**2.6**	1.5	1.0 min. avg.
B - MD Average Peel Strength (g/in)	318	545	1544	1816	1634						**1171**	687	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	381	346	343	346	349	360	356	358	336	340	**352**	13	300 min.
											336	<< min	

MD Machine Direction

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October 2, 2015
October 9, 2015 Updated with 100 hour Transmissivity test result.

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the samples listed below.

Project:	**Savannah River Site**	
TRI Job Reference Number:	E2402-08-10	
Materials Tested:	Five Agru 6-300-6 Double Sided Geocomposite	
Tests Requested:	Transmissivity (ASTM D 4716) - GC Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN	<===Updating

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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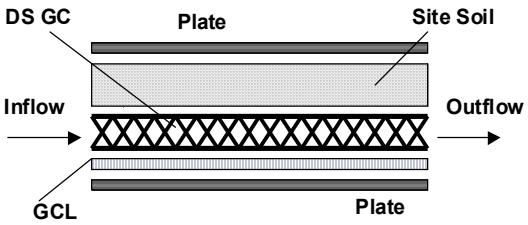
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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E391008
TRI Log #: E2402-08-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Hydraulic Transmissivity (ASTM D 4716)													
Direction Tested: Machine Direction													
Normal Load (psf): 500													
Hydraulic Gradient: 0.25													
Test Length (in) 12													
Test Width (in) 12													
Plate / Site Soil / DSGC Sample / GCL / Plate													
Seat Time (hours)	Specimen		1										
	Volume (cc)		871	864	849								
	Time (s)		5.63	5.65	5.52								
0.25	Flow Rate (GPM/ft width)		2.45	2.42	2.44						**2.44**	0.01	
	Transmissivity (m^2/s)		2.02E-03	2.00E-03	2.01E-03						**2.01E-03**	1.17E-05	2.0E-04 min.
	Test Temp (C)			20.4									
	Temp. Corr. Factor			0.995									
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	6.3	4.2	0.6	0.5	5.8						**3.5**	2.8	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2860	1907	272	227	2633						**1580**	1264	0.5 min.
B - MD Average Peel Strength (ppi)	0.8	4.4	4.0	2.1	0.6						**2.4**	1.8	1.0 min. avg.
B - MD Average Peel Strength (g/in)	363	1998	1816	953	272						**1081**	801	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	288	331	310	299	315	286	310	316	309	298	**306**	14	300 min.
											286	<< min	

MD Machine Direction



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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E391029
TRI Log #: E2402-08-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.0	1.2	8.6	1.3	2.9						**3.8**	3.1	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2270	545	3904	590	1317						**1725**	1405	0.5 min.
B - MD Average Peel Strength (ppi)	7.3	0.5	5.4	1.0	3.3						**3.5**	2.9	1.0 min. avg.
B - MD Average Peel Strength (g/in)	3314	227	2452	454	1498						**1589**	1311	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	328	338	316	327	350	313	302	317	317	318	**323**	14	300 min.
											302	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E391054
TRI Log #: E2402-08-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.7	7.2	9.1	6.5	10.1						**7.7**	1.8	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2588	3269	4131	2951	4585						**3505**	831	0.5 min.
B - MD Average Peel Strength (ppi)	6.2	6.6	8.4	6.6	9.9						**7.5**	1.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	2815	2996	3814	2996	4495						**3423**	713	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	309	304	295	317	312	319	320	309	311	297	**309**	9	300 min.
											295	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E391075
TRI Log #: E2402-08-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.1	0.5	2.9	0.6	0.8						**2.0**	2.0	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2315	227	1317	272	363						**899**	910	0.5 min.
B - MD Average Peel Strength (ppi)	1.7	5.7	4.8	4.6	4.9						**4.3**	1.5	1.0 min. avg.
B - MD Average Peel Strength (g/in)	772	2588	2179	2088	2225						**1970**	696	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	313	295	308	311	320	295	308	313	319	301	**308**	9	300 min.
											295	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E392097
TRI Log #: E2402-08-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	4.8	1.7	1.6	2.3	1.7						**2.4**	1.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2179	772	726	1044	772						**1099**	617	0.5 min.
B - MD Average Peel Strength (ppi)	0.5	4.2	3.4	4.8	5.8						**3.7**	2.0	1.0 min. avg.
B - MD Average Peel Strength (g/in)	227	1907	1544	2179	2633						**1698**	913	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	333	322	308	294	301	314	296	328	310	307	**311**	13	300 min.
											294	<< min	

MD Machine Direction

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September 28, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2402-09-09
Material(s) Tested:	Three, Agru 6-300-6 Double Sided Geocomposite(s)
Test(s) Requested:	Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E392120
TRI Log #: E2402-09-09

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	2.6	5.1	0.7	9.0	5.4						**4.6**	3.1	1.0 min. avg.
A - MD Average Peel Strength (g/in)	1180	2315	318	4086	2452						**2070**	1426	0.5 min.
B - MD Average Peel Strength (ppi)	3.2	6.1	1.2	4.7	2.0						**3.4**	2.0	1.0 min. avg.
B - MD Average Peel Strength (g/in)	1453	2769	545	2134	908						**1562**	903	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	318	326	316	316	332	320	327	327	330	326	**324**	6	300 min.
											316	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E392144
TRI Log #: E2402-09-09

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	10.1	10.0	9.8	10.5	9.3						**9.9**	0.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	4585	4540	4449	4767	4222						**4513**	199	0.5 min.
B - MD Average Peel Strength (ppi)	9.3	12.1	6.6	7.7	5.5						**8.2**	2.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	4222	5493	2996	3496	2497						**3741**	1169	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	312	309	328	311	309	330	325	319	322	321	**319**	8	300 min.
											309	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E392165
TRI Log #: E2402-09-09

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	2.1	1.4	3.6	2.1	2.7						**2.4**	0.8	1.0 min. avg.
A - MD Average Peel Strength (g/in)	953	636	1634	953	1226						**1081**	374	0.5 min.
B - MD Average Peel Strength (ppi)	5.2	3.7	4.7	5.7	1.3						**4.1**	1.7	1.0 min. avg.
B - MD Average Peel Strength (g/in)	2361	1680	2134	2588	590						**1870**	791	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	338	314	314	309	317	316	318	322	303	317	**317**	9	300 min.
											303	<< min	

MD Machine Direction

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October 20, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2402-11-03
Material(s) Tested:	One, Agru 6-300-6 Double Sided Geocomposite(s)
Test(s) Requested:	Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E393196
TRI Log #: E2402-11-03

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	2.0	3.3	5.6	2.8	2.6						**3.3**	1.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	908	1498	2542	1271	1180						**1480**	630	0.5 min.
B - MD Average Peel Strength (ppi)	3.9	4.7	3.6	1.8	3.1						**3.4**	1.1	1.0 min. avg.
B - MD Average Peel Strength (g/in)	1771	2134	1634	817	1407						**1553**	488	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	302	329	324	306	330	303	330	301	310	311	**315**	12	300 min.
											301	<< min	

MD Machine Direction

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TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

October 20, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

Grant Palmer
Agru

email: gp@agruamerica.com

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2402-20-10
Material(s) Tested:	One, Agru 6-300-6 Double Sided Geocomposite(s)
Test(s) Requested:	Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199)

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

* Signature is on file

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E393218
TRI Log #: E2402-20-10

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	4.1	3.9	0.5	2.1	3.0						**2.7**	1.5	1.0 min. avg.
A - MD Average Peel Strength (g/in)	1861	1771	227	953	1362						**1235**	669	0.5 min.
B - MD Average Peel Strength (ppi)	2.8	7.1	4.7	1.8	0.5						**3.4**	2.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	1271	3223	2134	817	227						**1535**	1173	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	302	329	324	306	330	303	330	301	310	311	**315**	12	300 min.
											301	<< min	

MD Machine Direction

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October 22, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com
cc email: nivy@agruamerica.com

Bill To:

Nathan Ivy
Agru America

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2402-30-02
Material(s) Tested:	Two, Agru 6-300-6 Double Sided Geocomposite(s)
Test(s) Requested:	Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E386322
TRI Log #: E2402-30-02

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	6.9	4.9	5.4	1.9	7.2						**5.3**	2.1	1.0 min. avg.
A - MD Average Peel Strength (g/in)	3133	2225	2452	863	3269						**2388**	960	0.5 min.
B - MD Average Peel Strength (ppi)	1.8	1.7	7.4	0.9	1.8						**2.7**	2.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	817	772	3360	409	817						**1235**	1200	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	376	330	318	313	301	300	320	321	302	304	**319**	23	300 min.
											300	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E387390
TRI Log #: E2402-30-02

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.2	4.5	3.1	3.9	6.8						**4.7**	1.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2361	2043	1407	1771	3087						**2134**	638	0.5 min.
B - MD Average Peel Strength (ppi)	0.5	0.7	3.1	6.2	0.6						**2.2**	2.5	1.0 min. avg.
B - MD Average Peel Strength (g/in)	227	318	1407	2815	272						**1008**	1124	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	301	303	314	308	302	305	290	288	304	328	**304**	11	300 min.
											288	<< min	

MD Machine Direction

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October 1, 2015

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the sample(s) listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	E2402-09-01
Material(s) Tested:	Nine, Agru 6-300-6 Double Sided Geocomposite(s)
Test(s) Requested:	Peel Strength (ASTM D 7005) - GC Thickness (ASTM D 5199) - GN

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Jarrett A. Nelson
Technical Director
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E385258
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	4.0	4.2	8.6	6.5	9.1						**6.5**	2.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	1816	1907	3904	2951	4131						**2942**	1082	0.5 min.
B - MD Average Peel Strength (ppi)	4.7	5.5	5.4	3.6	8.1						**5.5**	1.7	1.0 min. avg.
B - MD Average Peel Strength (g/in)	2134	2497	2452	1634	3677						**2479**	753	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	323	315	309	325	325	316	328	334	332	322	**323**	8	300 min.
											309	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E385279
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	1.8	10.2	1.4	2.6	10.0						**5.2**	4.5	1.0 min. avg.
A - MD Average Peel Strength (g/in)	817	4631	636	1180	4540						**2361**	2040	0.5 min.
B - MD Average Peel Strength (ppi)	3.4	1.9	5.0	9.2	1.9						**4.3**	3.0	1.0 min. avg.
B - MD Average Peel Strength (g/in)	1544	863	2270	4177	863						**1943**	1378	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	343	353	359	360	355	364	345	356	351	347	**353**	7	300 min.
											343	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E386301
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	5.1	8.5	2.1	4.1	3.6						**4.7**	2.4	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2315	3859	953	1861	1634						**2125**	1087	0.5 min.
B - MD Average Peel Strength (ppi)	5.5	5.7	4.5	5.6	0.5						**4.4**	2.2	1.0 min. avg.
B - MD Average Peel Strength (g/in)	2497	2588	2043	2542	227						**1979**	1004	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	331	331	313	360	350	316	327	326	338	324	**332**	14	300 min.
											313	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E386347
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	12.2	11.6	7.4	8.7	13.9						**10.8**	2.7	1.0 min. avg.
A - MD Average Peel Strength (g/in)	5539	5266	3360	3950	6311						**4885**	1205	0.5 min.
B - MD Average Peel Strength (ppi)	12.9	11.4	8.7	10.9	10.1						**10.8**	1.6	1.0 min. avg.
B - MD Average Peel Strength (g/in)	5857	5176	3950	4949	4585						**4903**	706	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	319	302	311	308	334	321	312	328	323	312	**317**	10	300 min.
											302	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E386368
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	7.7	5.6	5.1	3.2	4.2						**5.2**	1.7	1.0 min. avg.
A - MD Average Peel Strength (g/in)	3496	2542	2315	1453	1907						**2343**	767	0.5 min.
B - MD Average Peel Strength (ppi)	2.3	2.3	1.3	1.2	1.8						**1.8**	0.5	1.0 min. avg.
B - MD Average Peel Strength (g/in)	1044	1044	590	545	817						**808**	239	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	313	326	304	327	317	319	327	313	305	311	**316**	9	300 min.
											304	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E387411
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	6.3	5.2	5.0	7.8	7.2						**6.3**	1.2	1.0 min. avg.
A - MD Average Peel Strength (g/in)	2860	2361	2270	3541	3269						**2860**	554	0.5 min.
B - MD Average Peel Strength (ppi)	8.7	0.5	2.2	1.1	3.4						**3.2**	3.3	1.0 min. avg.
B - MD Average Peel Strength (g/in)	3950	227	999	499	1544						**1444**	1488	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	321	319	309	305	311	312	315	329	322	301	**314**	9	300 min.
											301	<< min	

MD Machine Direction

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GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru 6-300-6 Double Sided Geocomposite
Sample Identification: G15E387436
TRI Log #: E2402-09-01

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Peel Strength (ASTM D 7005)													
A - MD Average Peel Strength (ppi)	3.2	5.6	4.6	5.2	6.6						**5.0**	1.3	1.0 min. avg.
A - MD Average Peel Strength (g/in)	1453	2542	2088	2361	2996						**2288**	572	0.5 min.
B - MD Average Peel Strength (ppi)	1.1	0.9	1.6	0.9	1.5						**1.2**	0.3	1.0 min. avg.
B - MD Average Peel Strength (g/in)	499	409	726	409	681						**545**	151	0.5 min.
Note: A and B represent a randomly assigned top and bottom of the sample													
Thickness (ASTM D 5199)					GEONET COMPONENT								
Thickness (mils)	321	315	320	315	327	348	338	334	344	327	**329**	12	300 min.
											315	<< min	

MD Machine Direction

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TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

June 27, 2016

Mail To:

Ashton Vidrine
ESI Liners
7943 Pecue Lane, Suite A
Baton Rouge, LA 70809

email: avidrine@esiliners.com

Bill To:

<= Same

Dear Mr. Vidrine:

Thank you for consulting TRI/Environmental, Inc. (TRI) for your geosynthetics testing needs.
TRI is pleased to submit this final report of the laboratory testing for the samples listed below.

Project:	**Savannah River Site**
TRI Job Reference Number:	21687
Materials Tested:	One Agru Double Sided Geocomposite and GCL
Tests Requested:	Transmissivity (ASTM D 4716) - GC

If you have any questions or require any additional information, please call us at 1-800-880-8378

Sincerely,

Mansukh Patel
Laboratory Manager
Geosynthetic Services Division
www.GeosyntheticTesting.com

*Signature is on file

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

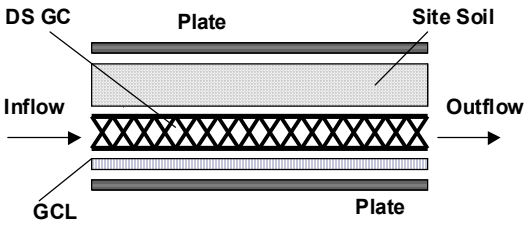
TRI ENVIRONMENTAL, INC.
9063 BEE CAVES RD. – AUSTIN, TX 78733 – USA | PH: 800.880.TEST OR 512.263.2101

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES
AUSTIN, TX - USA | ANAHEIM, CA - USA | ANDERSON, SC - USA | GOLD COAST - AUSTRALIA | SUZHOU - CHINA

GEOCOMPOSITE TEST RESULTS
TRI Client: ESI Liners
Project: Savannah River Site

Material: Agru Double Sided Geocomposite and GCL
Sample Identification: Geocomposite Roll #: G15E392118 , GCL Roll#: G15G376327
TRI Log #: 21687

Hydraulic Transmissivity (ASTM D 4716)



Direction Tested: Machine Direction

Normal Load (psf):	500
Hydraulic Gradient:	0.25
Test Length (in)	12
Test Width (in)	12

Plate / Site Soil / DSGC Sample / GCL / Plate

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	PROJ. SPEC.
	1	2	3	4	5	6	7	8	9	10			
Seat Time (hours)	Specimen		1										
	Volume (cc)		605	598	607								
	Time (s)		5.40	5.44	5.56								
100	Flow Rate (GPM/ft width)		1.78	1.74	1.73						**1.75**	0.02	
	Transmissivity (m^2/s)		1.44E-03	1.42E-03	1.41E-03						**1.42E-03**	1.91E-05	2.0E-04 min.
	Test Temp (C)			21.0									
	Temp. Corr. Factor			0.981									

MD Machine Direction

The testing herein is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.

TRI ENVIRONMENTAL, INC.
9063 BEE CAVES RD. – AUSTIN, TX 78733 – USA | PH: 800.880.TEST OR 512.263.2101

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APPENDIX Q

SOIL TEST DATA AND DOCUMENTATION

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APPENDIX Q1

CSRA Soil Testing Laboratory

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ENVIROCON, INC.
651 Corporate Cir. Ste 114
Golden, CO 80401
(303) 215-0187
(303) 215-0182 FAX
www.envirocon.com

March 9, 2015

Envirocon Letter No. 1495401-15-009
Subcontract No. 196912
Submittal Category No. 28

Savannah River Nuclear Solutions, LLC
Attn: R.E. Hunter Jr., Procurement Representative
Building 730-4B, 2135
Aiken, SC 29808

SUBJECT: NON-GCL/GDL TESTING LABORATORY INFORMATION FOR THE SAVANNAH RIVER 488-2D/4D ASH BASIN CLOSURE PROJECT SUBCONTACT NO.196912

Dear Mr. Hunter,
Envirocon respectfully submits, pursuant with Exhibit E Specifications Part 1, Section 01410, Sub-Section 1.8E, the attached information regarding the proposed Testing Laboratory concerning all non-GCL/GDL testing for the Savannah River 488-2D/4D Ash Basin Closure Project.

If you have any questions, please contact me at 509-308-4734.

Sincerely,

Drew White
Project Manager

Attachments:
Testing Laboratory Information Transmittal Letter
Testing Laboratory Information

TRANSMITTAL FORM

TRANSMITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, MANUFACTURER'S CERTIFICATES OF COMPLIANCE OR ADMINISTRATIVE SUBMITTALS	DATE: 03/09/2015	TRANSMITTAL NO. 1495401-15-009

SECTION I – REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS *(This section will be initiated by the Contractor)*

TO: Savannah River Nuclear Solutions	FROM: Envirocon, Inc	CONTRACT NO: 0000196912 SRS PO NO: 196912	CHECK ONE: NEW TRANSMITTAL __X___ RESUBMITTAL OF TRANSMITTAL _____

SPECIFICATION SEC. 01410	DOCUMENT CATEGORY NO: 28.0	PROJECT TITLE: 488-4D Ash Basin Closure	LOCATION: Savannah River Site	CHECK ONE: THIS TRANSMITTAL IS FOR __ FIO _x_ CLIENT APPROVAL

ITEM NO.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.)	MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO. OF COPIES	CONTRACT REFERENCE DOCUMENT		Status	Deviation	FOR CLIENT USE CODE
				SPEC. PARA. NO.	DRAWING SHEET NO.			
a.	b.	c.	d.	e.	f.	g.	h.	i.
1	Testing Laboratory Information (Non-GCL/GDL)	PQP	1	1.8 E	N/A		No	
2								
3								
4								
5								
6								

SECTION II – APPROVAL ACTION

I have reviewed and approved the attached submittal(s) to ensure contract compliance. All quantities, dimensions, specific performance requirements, materials, catalog numbers and similar data have been verified as complete.

_____ 03/09/2015

Envirocon PM (Drew White) DATE

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Project Construction Testing and Quality Assurance Plan

February 16, 2015

Project: Ash Landfill Closure

Location: Savannah River Site, Aiken Co., SC

Contractor/Client: Envirocon
101 International Drive
Missoula, MT 59808
(406) 523-1150

Project Description

All tests will be performed in accordance with all applicable ASTM Standards and all QA requirements therein.

Laboratory Reports

The testing laboratory will submit one (1) copy of laboratory reports to Envirocon as specified in Section 01410. The laboratory report will include the following information:

- Date Issued
- Project Number
- Name of Inspector
- Date and Time of Sampling or Inspection
- Identification of Product and Specifications Section
- Location of the project
- Types of Inspection or Test
- Date of Test
- Location and/or boundaries of the specified inspection or test
- Conformance with Subcontract Documents

Laboratory Qualifications

This laboratory meets the requirements of:

ASTM E329	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction
ASTM D3740	Evaluation of Agencies Engaged in the Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
ASTM C1077	Standard Practice for Laboratories Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Laboratory Evaluation

Professional Engineers, James M. Pope (P.E. Georgia 6271 and South Carolina No. 3665) and Jon E. Pruett (P.E. Georgia No. 027602 and South Carolina No. 20965 and) are employed by CSRA Testing and Engineering Company, Inc., to oversee all projects and have current engineering licenses.

CSRA Testing and Engineering Company, Inc., is currently licensed in Georgia and South Carolina. Please see attached "Statement of Qualifications and Experience" for additional information on this firm and resumes of key personnel.

Management

All work on this project will be under the direction of James M. Pope, Professional Engineer, with Georgia License Number 6271.

The Laboratory Supervisor on this project will be Jeffery S. Pope with 25 years experience and with the following credentials:

- NICET-Engineering Technologies, Construction Level III, Subsurface Investigation Level II & Lab Level III
- American Concrete Institute (ACI) Technician Grade I
- Troxler Training Course - Nuclear Testing Equipment Certificate
- OSHA Forty-Hour Hazardous Waste and Emergency Response Course
- International Code Council - Structural Masonry Special Inspector
- American Concrete Institute (ACI) - Concrete Construction Special Inspector
- GA DOT Roadway Testing Technician

An inspector, or technician, will be assigned to this project having adequate training and experience in concrete sampling and testing and soil compaction and analysis in accordance with ASTM E329.

Quality System

The testing laboratory has begun a program to document the elements of this quality system and this documentation is available for use by all laboratory personnel. The testing laboratory has defined and documented its policies and objectives for, and its commitment to good laboratory practice and quality of calibration or testing services. The laboratory management ensures that these policies and objects are documented in a quality manual and communicated to, understood, and implemented by all laboratory personnel concerned. The quality manual is maintained under the responsibility of the laboratory supervisor.

All equipment is calibrated in accordance with the appropriate ASTM test designation. Records of these calibrations is kept in files and under the administration of the laboratory supervisor. All measuring and testing equipment having an effect on the accuracy or validity of calibrations or tests is calibrated and/or verified before being put into service. The laboratory has an established program for the calibration and verification of its measuring and test equipment.

The overall program of calibration and/or verification and validation of equipment is designed and operated so as to ensure that, wherever applicable measurements made by the laboratory are traceable to national standards of measurements where available as stated in QA manual.

Where traceability to national standards of measurement is not applicable, the laboratory will endeavor to provide satisfactory evidence of correlation of results.

Reference standards of measurements are calibrated by a body that can provide traceability to a national standard of measurement. There is a program of calibration and verification for referenced standards.

Where relevant, reference standards and measuring and testing equipment is subjected to in-service checks between calibrations and verifications.

Reference materials can, where possible, be traceable to national or international standards of measurement, or to a national or international standard reference materials.

Should calibration procedures reveal that a piece of equipment was not in proper calibration and that this lack of calibration could have caused past test reports to be significantly incorrect, the testing laboratory will immediately notify all clients that would be affected by this our of calibration deficiency.

The laboratory manager will make a comprehensive search of all project files to ensure that every client who may be effected is notified.

The laboratory maintains a record system to suit its particular circumstances and comply with any applicable regulations. It retains on record all original observations, calculations and derived data, calibration records and a copy of the calibration certificate, test certificate, or test reports for an appropriate period. The records of each calibration and test contains sufficient information to permit this repetition. The records include the identity of personnel involved in sampling, preparation, calibration or testing.

All records (including those pertaining to calibration and test equipment), certificates and reports are safely stored.

Procedure

All testing work will be performed at the direction of Envirocon under the supervision of James M. Pope, P.E.

All testing procedures will be in strict accordance with applicable ASTM Standards, supervised by Jeffery S. Pope, Laboratory Supervisor, and performed by a trained technician.

Test reports will be supplied to Envirocon for all tests performed or inspections made.

It will be the responsibility of the testing laboratory to ensure that it performs only tests and inspections, or both, for which it is adequately equipped and staffed, and that its employees perform only tests and inspections, or both, for which they are adequately trained.

The following duties are those usually performed by the testing laboratory.

1) Obtain representative samples of these materials required by project specifications, and authorized by contract, to be tested and evaluated.

2) When samples are collected by this firm, we will ensure that there is proper protection, handling and storing of the samples to ensure that they remain representative of the material being used at the time of sampling.

3) When the testing laboratory is responsible for collecting samples the samples must be identified with the respective portions of the work in which the material represented was or will be used.

4) Perform all testing and inspection operations in accordance with appropriate standards as referenced in the contract.

5) Call to the attention of the project sponsor any irregularities or deficiencies in the construction materials or processes, or both, as related to construction materials, that the contract specifically states the testing laboratory is responsible for inspecting.

6) Submit promptly to the project sponsor and distribute as specified in the contract formal reports of all tests and inspections which indicate compliance or noncompliance with the specifications. The reports will be complete and factual, citing the methods used in obtaining samples, the tests performed, the specified values for the measured characteristics, the values obtained, the parts of the structure involved, and similar pertinent data. We will be prepared to substantiate its reports to the extent necessary.

Unless specifically authorized, the testing laboratory does not have the right of rejection.

James M. Pope, P.E., President — Date 2-16-15

Jeffery S. Pope, Laboratory Manager — Date 2-16-15

Statement of Qualifications and Experience

csra TESTING AND ENGINEERING CO., INC.
1005 Emmett Street • Suite A • Augusta, Georgia 30904
Phone (706) 733-6960 • Fax (706) 737-0629

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Sample Listing of Clients. . . . . Page 17

Introduction

ORGANIZATION

CSRA Testing and Engineering Company, Inc., was founded in Augusta, Georgia in 1968. Since that time our company has continuously strived to provide professional testing and engineering services with the highest possible degree of quality assurance.

We provide an extensive range of services, including subsurface investigations, environmental investigations, and selective analytical laboratory analysis. We provide well equipped drilling crews to perform geotechnical and environmental borings. Our construction testing department is highly diversified, providing on-site construction inspections and testing of soils, concrete, asphalt, and aggregates. We also supply concrete or asphalt coring services as well as environmental assessment and underground fuel storage tank studies and monitor well installations.

This company's growth, existence, and reputation is based upon our capability to perform professional tests within the strict, prescribed guidelines of technical associations, and government standards and regulations. Considerable pride and expertise in procedures and manner of conducting technical tests have been the trademark for CSRA Testing and Engineering Company, Inc.

We employ only experienced, qualified, and dedicated personnel. Our capability to perform testing services for both small and large projects in a successful, timely manner is a result of our organized engineering approach. Our intent is to perform quality tests in strict accordance with established procedures and to document, review, and certify all test results.

Over the past ten years, our small company has professionally performed approximately 75,000 various tests for over 900 different clients. This has given us extensive experience in a wide variety of testing services. We are the only American owned testing firm in the Central Savannah River Area offering soil, concrete, asphalt, and physical testing services.

SERVICES PROVIDED

SUBSURFACE INVESTIGATIONS

Geotechnical Borings
Environmental Borings
Foundation Recommendations

ON-SITE CONSTRUCTION TESTING

Asphalt
Bolt Tension
Concrete
Soil
Stone Aggregate
Welding

NON-DESTRUCTIVE TESTING

Radiographic
Ultrasonic
Dye Penetrant
Welding Procedure Preparation

ON-SITE CONSTRUCTION INSPECTIONS

Masonry
Soil
Structural Steel

ENVIRONMENTAL ASSESSMENT STUDIES & REPORTS

UNDERGROUND FUEL STORAGE TANK STUDIES

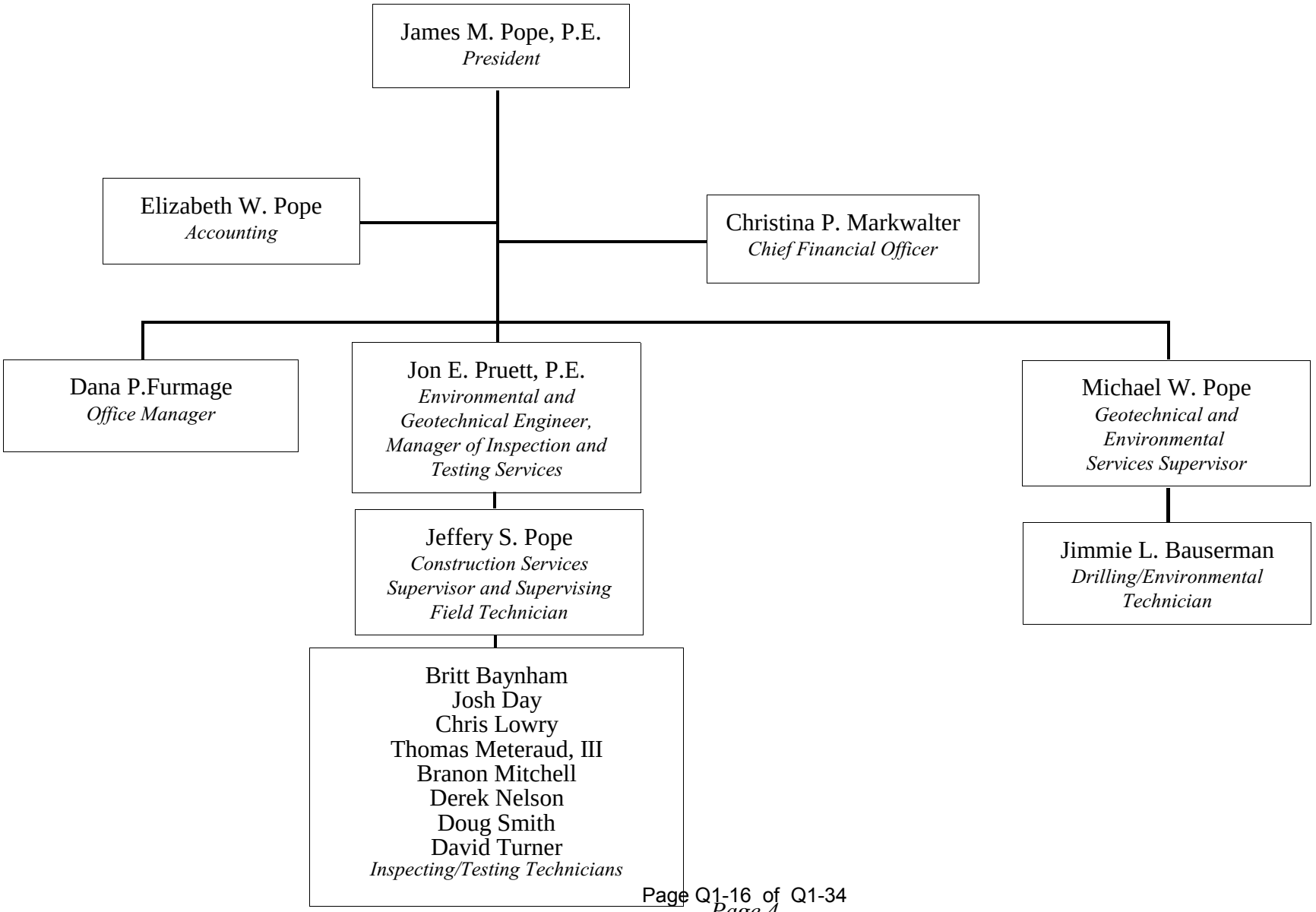
MONITOR WELL INSTALLATION

CONCRETE AND ASPHALT CORING

STORMWATER AND EROSION CONTROL INSPECTIONS

Resumes of Principles and Key Personnel

Organization Chart



James M. Pope, P.E.

President and Owner

Education

Bachelor of Civil Engineering (1964), Georgia Institute of Technology, Atlanta, Georgia

Professional and Service Organizations

Chairman - Past Chairman - Richmond County Plumbing Board
Member - Past Member - Aiken County Planning Commission
Past Member - North Augusta Board of Appeals
American Society of Civil Engineering
National Drilling Association
American Society for Testing and Materials
National Groundwater Association

Experience

Principal Professional Engineer and Owner of CSRA Testing and Engineering Company, Inc. for 35 years

Major Categories

Materials testing, subsurface investigations, environmental assessment studies, analytical, testing services, and engineering design services. Directly responsible for testing and engineering tasks performed by associates and employees which include Administrators, Construction Inspectors, Surveyors, Architects, Mechanical Engineers, Structural Engineers, Laboratory Technicians, and Quality Control Technicians Supervisor - Director of all office personnel which include Specification Writers, Bookkeepers, Report Writers, Receptionists, and Secretaries.

Former Employment

Florida Department of Health
Augusta, Georgia Engineering Department
Jones & Fellers, Architects and Engineers, Augusta, Georgia

Years Experience

Fifty

Registrations

Georgia-Professional Engineer (Civil) 6271
South Carolina-Professional Engineer (Civil) 3665
South Carolina-Licensed Well Driller #A 791

Michael W. Pope

Engineer

Education

Bachelor of Science in Engineering
University of South Carolina, Columbia, South Carolina
Emphasis on Geotechnical and Environmental Engineering

Major Categories of Experience

Construction Engineering
Construction Management
Geotechnical Engineering
Environmental Engineering

Professional and Service Organizations

Georgia Society of Professional Engineers
Professional Construction Estimators Association

Former Employment

APAC of Georgia, Inc.
Augusta, Georgia

Georgia Department of Agriculture
Augusta, Georgia

Years Experience

Twenty

Registrations

Level IA - Fundamentals of Erosion and Sediment Control

Jeffery S. Pope

Project Coordinator

Education/Training

University of South Carolina
Concentration in Math/Chemistry
Columbia, South Carolina (2 years)

National Institute for Certification in Engineering Technologies Construction-Level III
Subsurface Investigation-Level III, Laboratory-Level III, Generalist-Level III

Concrete Field Testing
Technician, Grade I by the American Concrete Institute

Troxler Training Course for use of Nuclear Testing Equipment

Environmental Analytical Testing Short School
University of Georgia
OSHA Forty-hour Hazardous Waste and Emergency Response Course

North Augusta High School
North Augusta, South Carolina

Major Categories of Experience

Management
Construction Testing
Environmental Assessments

Years Experience

Twenty-four

Registrations

NICET-Engineering Technologies, Construction Level III, Subsurface Investigation Level II & Lab Level III
American Concrete Institute (ACI) Technician Grade I
Troxler Training Course - Nuclear Testing Equipment Certificate
OSHA Forty-Hour Hazardous Waste and Emergency Response Course
International Code Council - Structural Masonry Special Inspector
American Concrete Institute (ACI) - Concrete Construction Special Inspector
GA DOT Roadway Testing Technician

Christina P. Markwalter

Comptroller

Education

North Augusta High School
University of South Carolina
Bachelor of Science in Business Administration - Major in Marketing

Major Categories of Experience

Financial Officer, bookkeeping, insurance, personnel manager, tax reports - Radiological Safety Officer.

Work Experience

Fifteen

Certifications

Humboldt Scientific, Inc.
Nuclear Gauge Training Certification
Radiation Safety Officer Certification

Jonathan E. Pruett, P.E.

Engineer

Education

Bachelor of Civil Engineering
Clemson University
Emphasis on Environmental Engineering and Hydrogeology
Wetlands Delineation Training

Professional and Service Organizations

Member - American Society of Civil Engineers

Experience

Environmental Department Manager, Hydrogeology

Major Categories

Responsibilities include site inspections, use of radiological detection devices, and deed research. Analytical Laboratory Coordinator, supervising all laboratory procedures. Responsible for collection and editing of environmental assessment and underground storage tank study data. Hydrogeology (supervises geological borings, writes boring logs, etc.).

Years Experience

Twenty-one

Certifications

GA Professional Engineer (Civil) - 027602
South Carolina-Professional Engineer (Civil) 20965
Wetlands Delineation Certification for U.S. Army Corps of Engineers Certificate No. 190-3/96
EIT Certificate No. 14774 Certificate Date 6/19/2000
Asbestos Building Inspector Certificate No. 1R27120-02217

Robert T. Hart, P.E.

Engineer

Education

Bachelor of Civil Engineering
University of Maryland (1974)

Experience

Thirty years heavy civil construction, includes subways, lock and dams, bridges and commercial projects and deep piling foundations.

Major Categories of Experience

Deep excavation shoring design, materials testing and inspection services, emphasis on welding inspections including radiography, ultrasonic, etc.

Professional Registrations

Georgia - Professional Engineer - 13522
South Carolina - Professional Engineer - 9754
Florida - Professional Engineer
Maryland - Professional Engineer

Dana P. Furmage

Office Manager

Education

Vocational Office Training
Evans High School
Evans, Georgia

Major Categories of Experience

Plans, prepares and designs all report documents. Oversees office and computer programming procedures. Insurance and workman's compensation administrator. Assists in daily scheduling of secretaries and technicians. Monitors incoming and outgoing data distribution.

Years Experience

Twenty

Jimmie L. Bauserman

Geotechnical Drilling Technician

Education

Butler High School
Augusta, Georgia

Experience

Extensive training and experience in soils, concrete and asphalt construction and test procedures both "on-site" and in the laboratory. Knowledgeable of all applicable ASTM, AASHTO, and Corps of Engineers standards. Responsible for sampling and evaluations of environmental and geotechnical study sites.

Major Categories

Subsurface Exploration, Rock Boring, Monitor Well Installation, and Concrete Coring.

Years Experience

Twenty-four

Training and Certifications

Well Drillers Certification-South Carolina No. 1380
Use of Nuclear Testing Equipment Certification
OSHA Hazardous Waste and Emergency Response
ACI Concrete Field Testing Certification
NICET - Level I, Geotechnical Engineering Technology - Exploration
NICET - Level I, Geotechnical Engineering Technology - Construction
NICET - Level I, Geotechnical Engineering Technology - Generalist
GSWCC Level IA Certification No. 70417

Chris Lowry

Inspector

Education

Aiken High School
Aiken, South Carolina

Experience

Quality Control Inspector/Technician

Extensive training and experience passing written and oral examinations in soils, concrete and asphalt construction and test procedures both "on-site" and in the laboratory. Knowledgeable of applicable ASTM, AASHTO, and Corps of Engineers standards. Special inspections.

Years Experience

Three

Training and Experience

Use of Nuclear Testing Equipment Certification
OSHA Hazardous Waste and Emergency Response
WACEL Soils Level I Technician
ACI Concrete Field Testing Technician-Grade I

Doug Smith

Inspector

Education

Augusta Technical College
Augusta, Georgia

Hephzibah High School
Hephzibah, Georgia

Experience

Quality Control Inspector/Technician

Extensive training and experience passing written and oral examinations in soils, concrete and asphalt construction and test procedures both "on-site" and in the laboratory. Knowledgeable of applicable ASTM, AASHTO, and Corps of Engineers standards. Special Inspections.

Years Experience

Fifteen

Training and Experience

Use of Nuclear Testing and Equipment Certification
OSHA Hazardous Waste and Emergency Response
Level IA - Fundamentals of Erosion and Sediment Control
International Code Council - Soils Special Inspector
SCDOT - Asphalt Roadway Technician
ACI Concrete Field Testing Technician-Grade I

Branon Mitchell

Inspector

Education

North Augusta High School
North Augusta, South Carolina

Experience

Quality Control Inspector/Technician

Extensive training and experience in soils, concrete and asphalt construction and test procedures both "on-site" and in the laboratory. Knowledgeable of applicable ASTM, AASHTO, and Corps of Engineers standards. Special inspections.

Years Experience

Three

Training and Experience

Use of Nuclear Testing and Equipment Certification
OSHA Hazardous Waste and Emergency Response
International Code Council Structural Masonry Special Inspector
SC Office of State Facilities Special Inspector

Sample Listing of Clients

SAMPLE LISTING OF CLIENTS OF

CSRA Testing and Engineering Company, Inc.

GOVERNMENTAL AGENCIES

Federal

Department of Energy
Federal Aviation Administration
Federal Housing Authority-Farmers Home Administration
HQ Army and Airforce Exchange Service
Small Business Administration
U.S. Army Corps of Engineers
U.S. Department of Veterans Affairs
U.S. Fish and Wildlife Service
Veterans Administration

State

Georgia Department of Education
Georgia Department of Industry and Trade
Georgia Department of Labor
Georgia Department of Natural Resources
Georgia Department of Transportation
Georgia Gam and Fish Commission
Georgia Medical Research Foundation
Georgia Rehabilitation Institute
Georgia State Finance and Investment Commission
Medical College of Georgia
South Carolina Department of Parks

Local

Aiken, South Carolina
Aiken County Public Works Department
Augusta, Georgia
Augusta Housing Authority
Beech Island, South Carolina
Ben Hill County, Georgia
Burke County, Georgia
Bush Field Municipal Airport
City of Jackson, South Carolina
Columbia County Board of Education
Columbia County, Georgia
Daniel Field Municipal Airport
Edgefield County, South Carolina

Local (Con't)

Edgefield County School Board
Evans, Georgia
Fitzgerald, Georgia
Green County, Georgia
Lexington County Board of Education
Lincolnton, Georgia
McDuffie County, Georgia
North Augusta, South Carolina
Richmond County Board of Education
Richmond County, Georgia
St. Joseph Hospital
Thomson, Georgia
University Hospital
Williston School District

ARCHITECTS - ENGINEERS

John Brown, Architect
James Buckley and Associates
J.R. Chasman and Associates
Cheatham, Fletcher, Scott and Sears, AIA
Cranston, Robertson and Whitehurst, PC
Davis and Floyd Engineers
Nicholas Dickinson and Associates
Ebasco Environmental
Eckles, Martin and Rule, AIA
Hass-Hilderbrand and Associates
Holroyd, King and Associates, PC
Hughes/Beattie and Associates
Metcalf and Eddy Engineers
Nix-Mann Architects
Patchen, Mingledorff and Associates
E.L. Perry, Architect
Sandeford - Webb, Architects
Fred Sigg, Architect
Simons-Eastern Consultants, Inc.
Southern Partners
Stevens and Wilkinson, Inc.
James G. Swift and Associates
Tribble and Richardson, Inc.
Ben G. Turnipseed Engineers
Wells, Law and Associates
Whitaker Laboratory, Inc.
Wiedman and Singleton Engineers
Woodhurst Partnership, Architects
Zimmerman, Evans, and Leopold

MISCELLANEOUS

American Medicorps, Inc.
Atlanta Gas and Light Company
Augusta Mall, Inc. (The Rouse Company)
Augusta Country Club
Augusta National Golf Course
Banker's First
Blanchard and Calhoun
Boardman Oil Company
Cameron Brown Company
Caper House, Inc.
Champion Oil Company
Coca Cola Company
The Crom Corporation
CSX Railroad
Firestone
Global Van Lines
Goody's
Goodyear
The Huddle House
Hydrico
Industrial Rubber and Safety Company
Koger-Walters Oil Company
Krispy Kreme Company
Long John Silver, Inc.
Marathon Oil Company
McDonald Corporation
Oglethorpe Power Corporation
Orkin Exterminating Company
Pizza Hut, Inc.
Regency Mall
Republic Parking Company
The Rouse Company
Shoney's Big Boy
Southern Natural Gas Company
Syntek Corporation
Union '76
Waffle House, Inc.
Wal-Mart
Wells Oil Company
Wendy's
Western Sizzlin' Steak House
Wyatt Development Company

CONTRACTORS

A.L. Adams Construction Company
R.W. Allen Construction Company
APAC-Georgia, Inc.
BCB Company
Bowen and Watson Construction Company
Bradsfield and Gorie, Inc.
Brown Steel Contractors, Inc.
R.D. Brown Construction Company
Carolina Cranes, Inc.
CESP, Inc.
Curry Contracting Company
Flournoy Construction Company
Fluor Daniel Company
Gregory Bridge Company
R.J. Griffin Company
Perry M. Hartley Company
M.B. Kahn Construction Company
A.J. Kellos Construction Company
Knox-Rivers Construction Company
Kuhlke Construction Company
Litchfield Company
Mabus Brothers Construction Company
The Marley Cooling Tower Company
McCrory Construction Company
McKnight Construction Company
Metric Construction Company
Meybohm and Associates
Mobley Construction Company
Norsouth Construction Company
Olen Construction Company
Republic Contracting Company
H.G. Reynolds Company
Richmond Paving Company
Satterfield Construction Company
Scott's Grading and Paving Company
Shellhouse Construction Company
Sheriff Construction Company
J.C. Stockton and Son, Inc.
Nello L. Teer Company
Two State Construction Company
Vercon Construction
R.B. Wright Construction Company

American Association of State Highway and Transportation Officials

AASHTO Accreditation Program - Certificate of Accreditation

This is to signify that

CSRA Testing & Engineering Company, Inc.

Augusta, Georgia

has demonstrated proficiency for the testing of construction materials
and has met the minimum requirements in AASHTO R18
set forth by the AASHTO Highway Subcommittee on Materials.

The scope of accreditation can be obtained by viewing
the AAP Directories of Accredited Laboratories (www.amrl.net)
or by contacting AMRL.

Executive Director

Chair, AASHTO Highway
Subcommittee on Materials

AAP®
AASHTO R18

CSRA Testing & Engineering Company, Inc.

Augusta, Georgia

Show This Entry Only

Jeffery S. Pope
1005 Emmett Street
Suite A
Augusta, Georgia 30904

Phone: (706) 733-6960
Fax:
jeff@csratesting.net
http://www.csratesting.com

Quality Systems - accredited since 5/2/2006
R18

Soil - accredited since 5/2/2006
D698, D1140, D1556, D1557, D2216, D2487, D4318, D6938

Portland Cement Concrete - accredited since 9/13/2006
C31, C39, C78, C138, C143, C172, C173, C231, C511, C1064, C1231 (7000 psi and below)

Please note that our accreditations do not include an expiration date. An accreditation only expires when the laboratory fails to comply with our accreditation requirements.

* This information is only valid as of 9/5/2013. Please visit http://www.amrl.net for current accreditation status.

AMRL AASHTO Materials Reference Laboratory
DEKRA ISO 9001:2008 Certified
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APPENDIX Q2

Soil Gradation and Proctor Reports

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csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-Q11

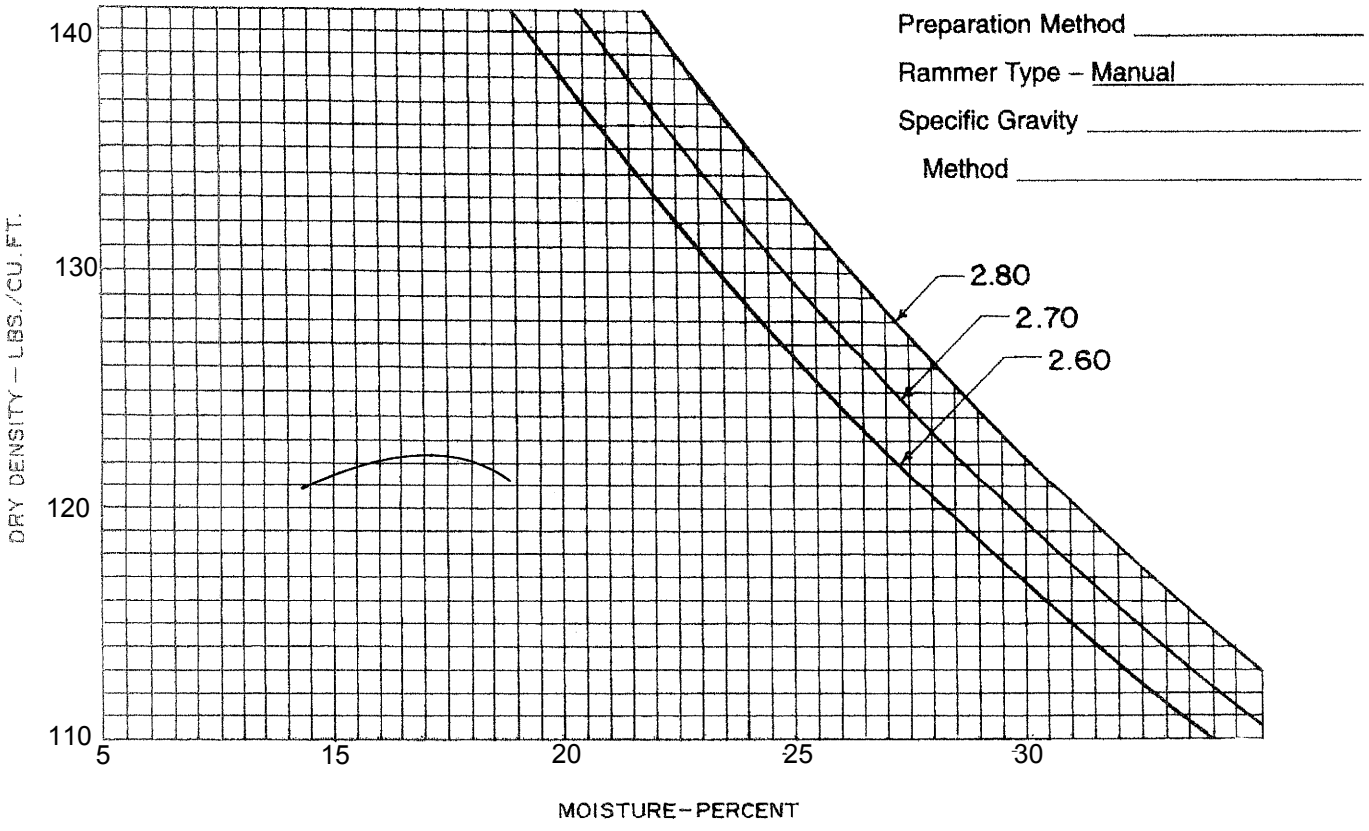
Date May 6, 2015

CLIENT: Envirocon, Inc. 488- D ADDRESS: Missoula, MT

PROJECT: Ash Landfill Closure LOCATION: Savannah River Site, Aiken County, SC
C-SPP-D-00002

SOIL PROCTOR TEST

Maximum Dry Density — 122.3 pcf
Optimum Moisture Content — 12.3%
Soil Description — Reddish-Tan Clayey Sand



ASTM D - 1557 , Method – A

Technician Derek Nelson

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-R43
Date Sampled May 13, 2015
Date of Test May 14, 2015
Date Issued May 14, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
SAMPLE NO.: 2 (Indigenous Materials)
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Tan Clayey Sand

Sieve No.	% Passing
4	100.0%
10	99.0%
20	91.6%
40	71.4%
60	52.2%
140	29.4%
200	26.4%

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-CC22

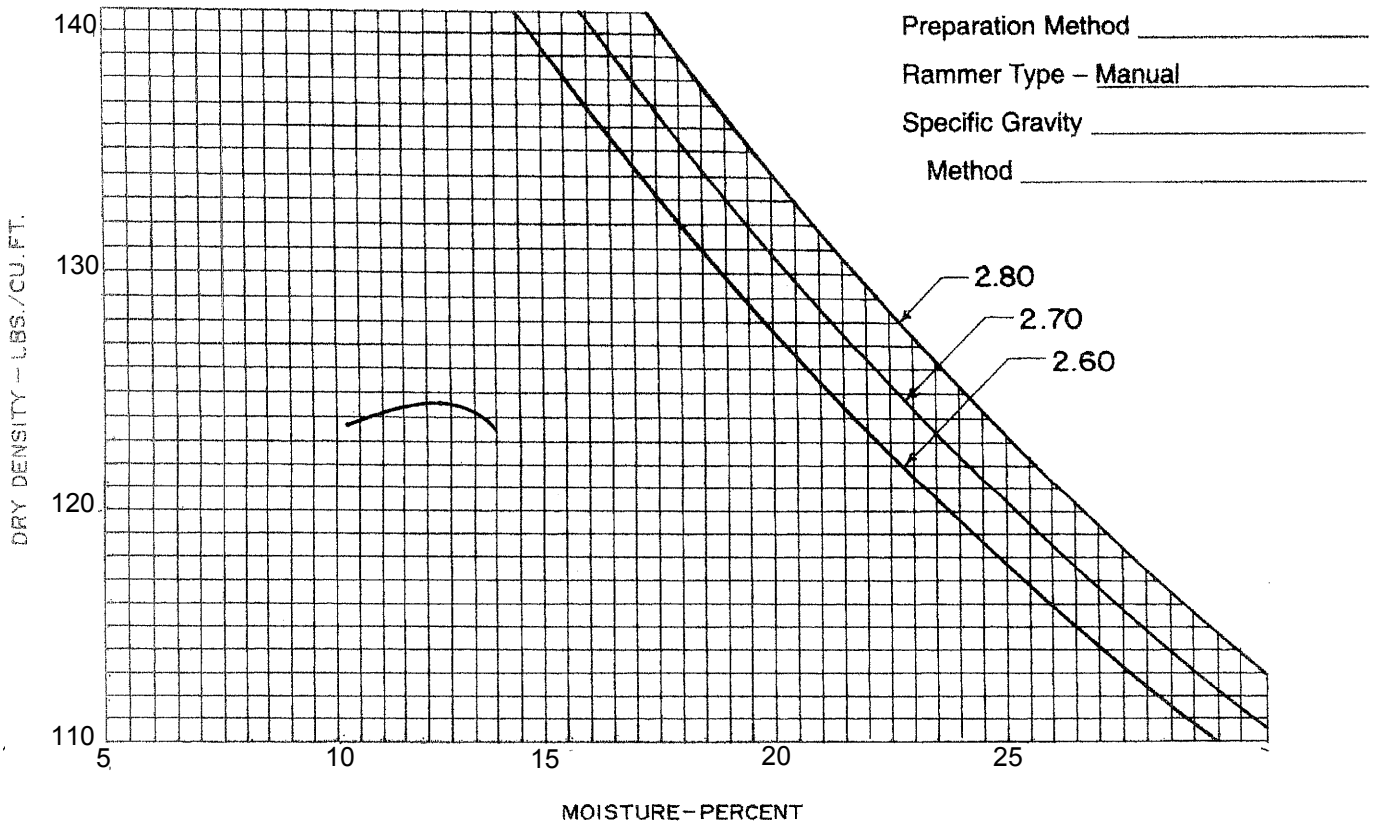
Date July 27, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure LOCATION: Savannah River Site, Aiken Co., SC
C-SPP-D-00002

SOIL PROCTOR TEST

Maximum Dry Density — 124.6 pcf
Optimum Moisture Content — 12.4%
Soil Description — Reddish-Brown Sandy Clay



Preparation Method
Rammer Type – Manual
Specific Gravity
Method

ASTM D - 1557 , Method – A

Technician Jimmie Bauserman

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-DD42
Date Sampled July 27, 2015
Date of Test August 4, 2015
Date Issued August 6, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Sandy Clay

Sieve No.	% Passing
4	100.0%
10	99.5%
20	94.0%
40	71.0%
60	51.0%
140	28.0%
200	25.0%
Clay Content	20.0
Silt Content	5.0

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-EE98

Date August 14, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC

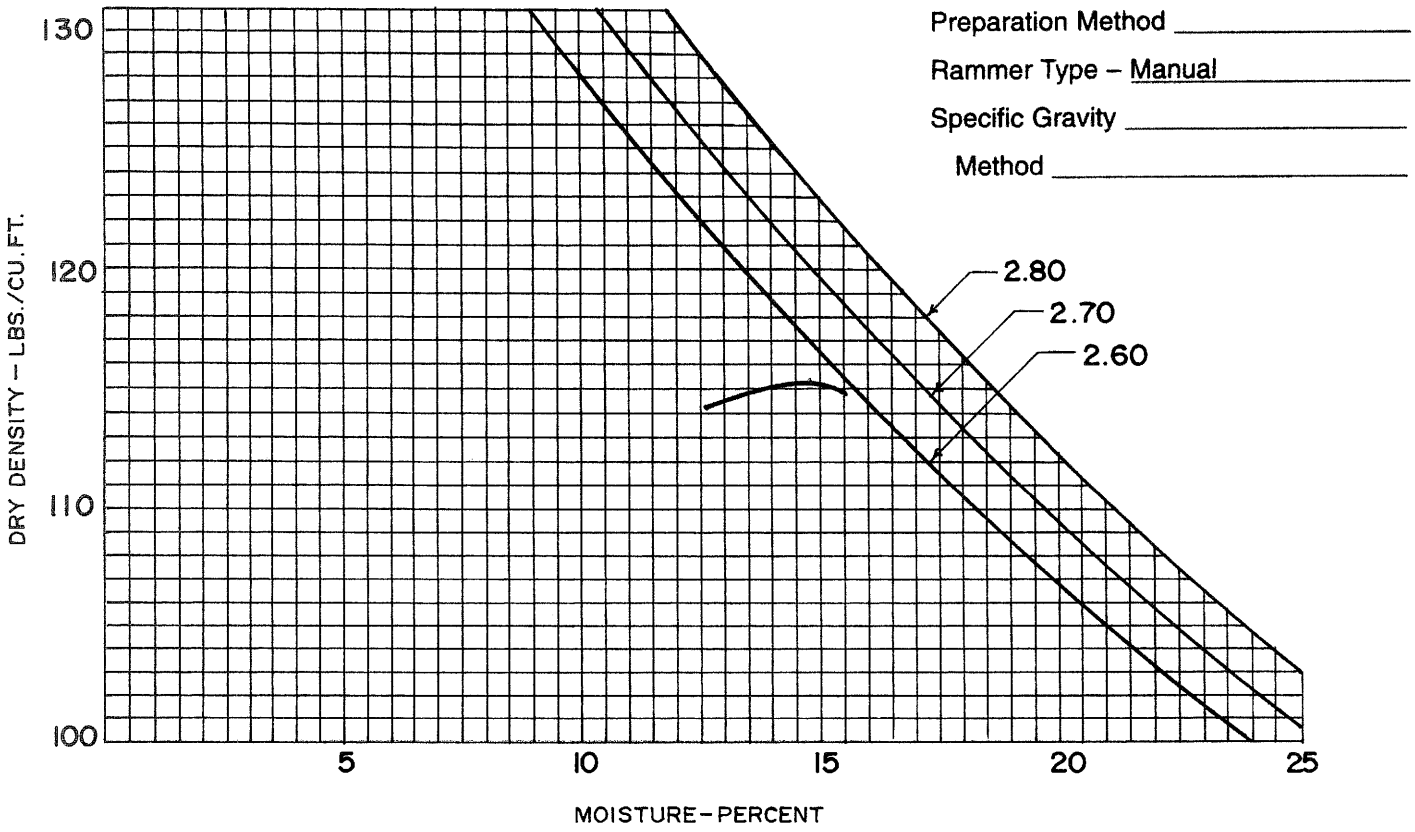
SRNS P.O.: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 115.4 pcf

Optimum Moisture Content — 14.9%

Soil Description — Reddish-Brown Clayey Sand



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.
1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-EE99
Date Sampled August 14, 2015
Date of Test August 17, 2015
Date Issued August 17, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Clayey Sand

Sieve No.	% Passing
⅜	100.0%
4	99.8%
10	74.3%
20	50.5%
40	26.2%
60	13.3%
140	4.4%
200	3.5%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-R23

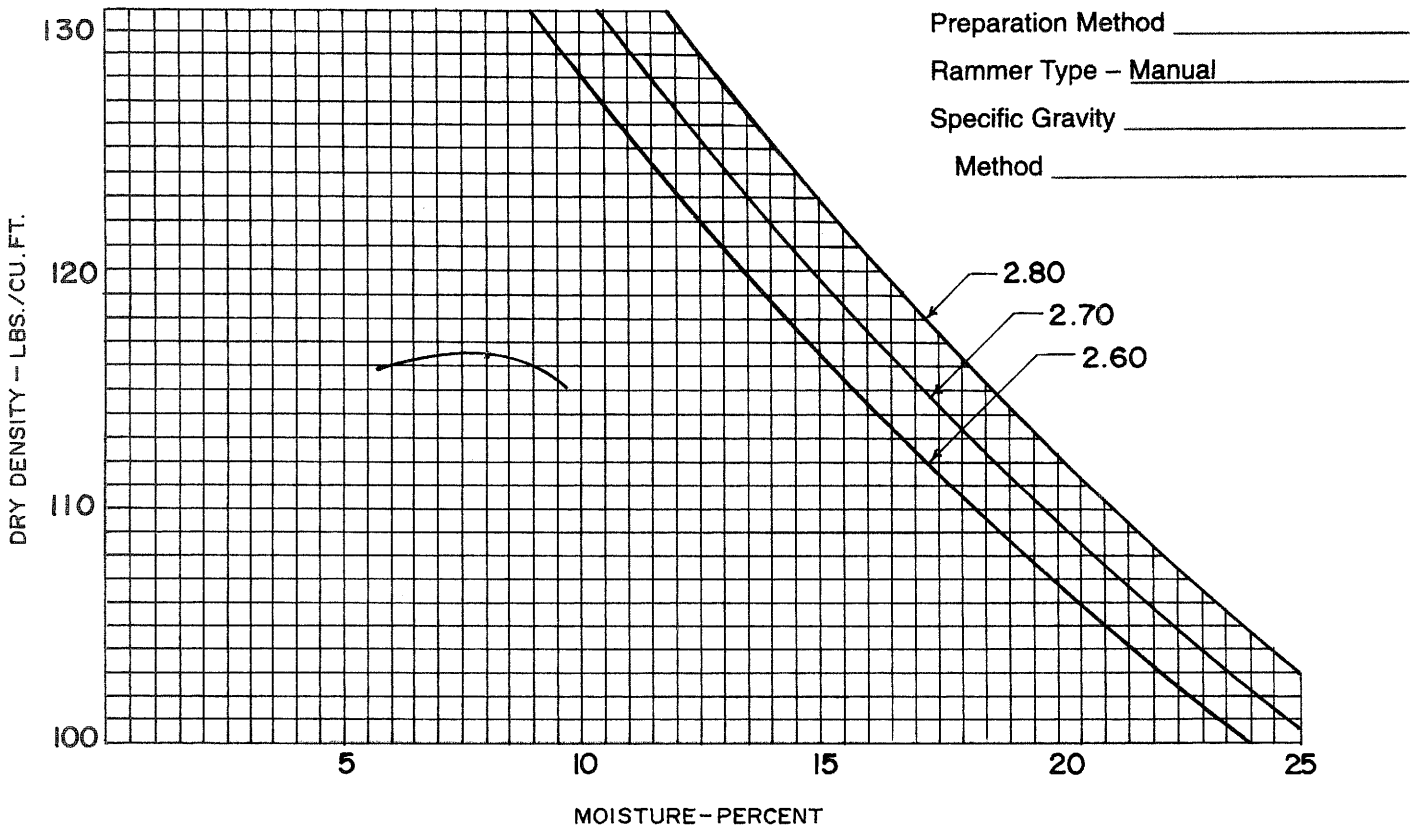
Date May 12, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MI

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
(SRNS P.O. #196912

SOIL PROCTOR TEST

Maximum Dry Density — 116.5 pcf
Optimum Moisture Content — 8.0%
Soil Description — Light Tan Silty Sand



ASTM D - 1557 , Method – A

Technician David Turner

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-R24
Date Sampled May 8, 2015
Date of Test May 12, 2015
Date Issued May 12, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
SAMPLE NO.: 1 (From Borrow)
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Light Tan Silty Sand

Sieve No.	% Passing
4	100.0%
10	99.8%
20	96.6%
40	71.6%
60	38.0%
140	14.8%
200	11.6%

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1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-R23

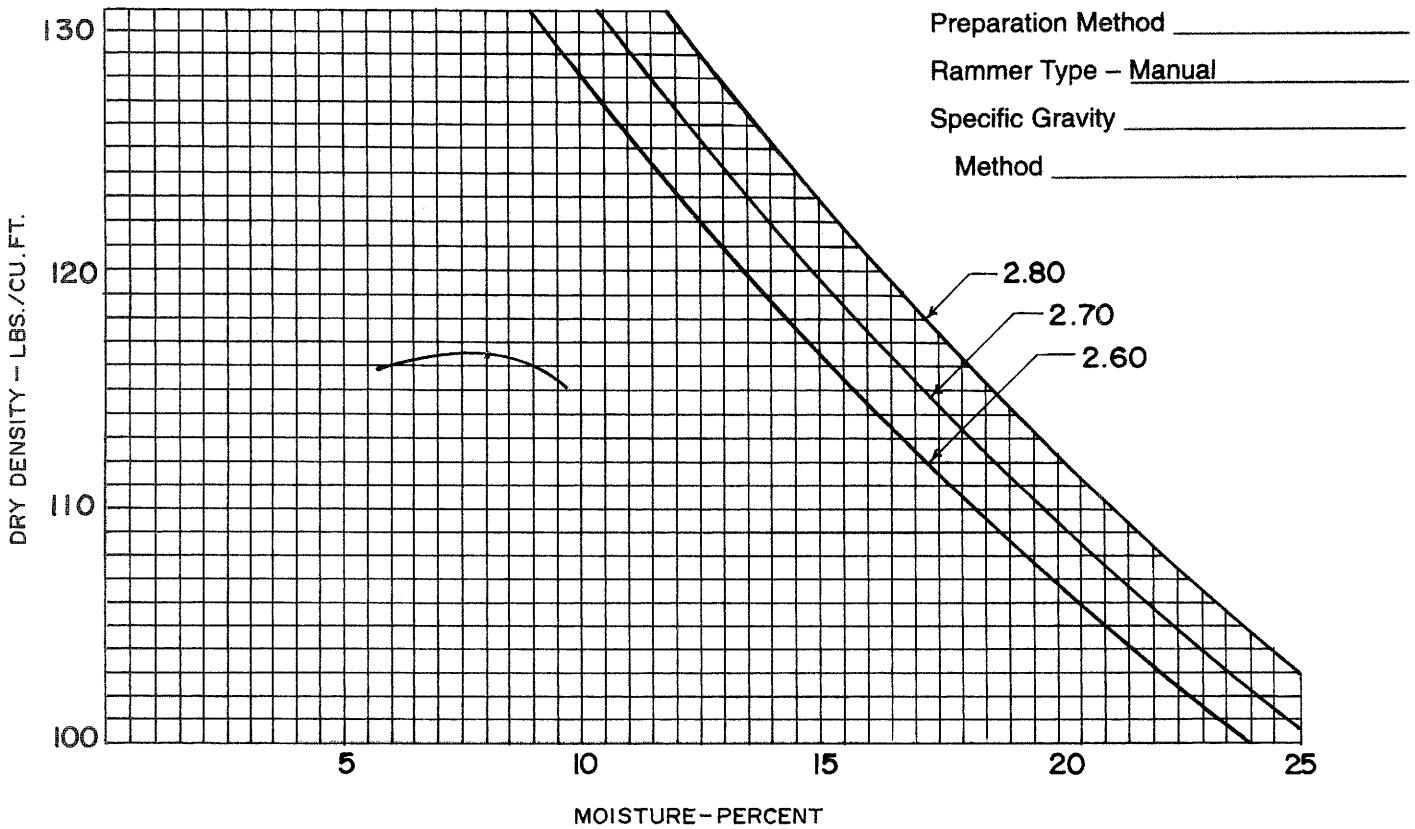
Date May 12, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MI

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
(SRNS P.O. #196912

SOIL PROCTOR TEST

Maximum Dry Density — 116.5 pcf
Optimum Moisture Content — 8.0%
Soil Description — Light Tan Silty Sand



ASTM D - 1557 , Method – A

Technician David Turner

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-R24
Date Sampled May 8, 2015
Date of Test May 12, 2015
Date Issued May 12, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
SAMPLE NO.: 1 (From Borrow)
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Light Tan Silty Sand

Sieve No.	% Passing
4	100.0%
10	99.8%
20	96.6%
40	71.6%
60	38.0%
140	14.8%
200	11.6%

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-NN24

Date October 21, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Landfill, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC

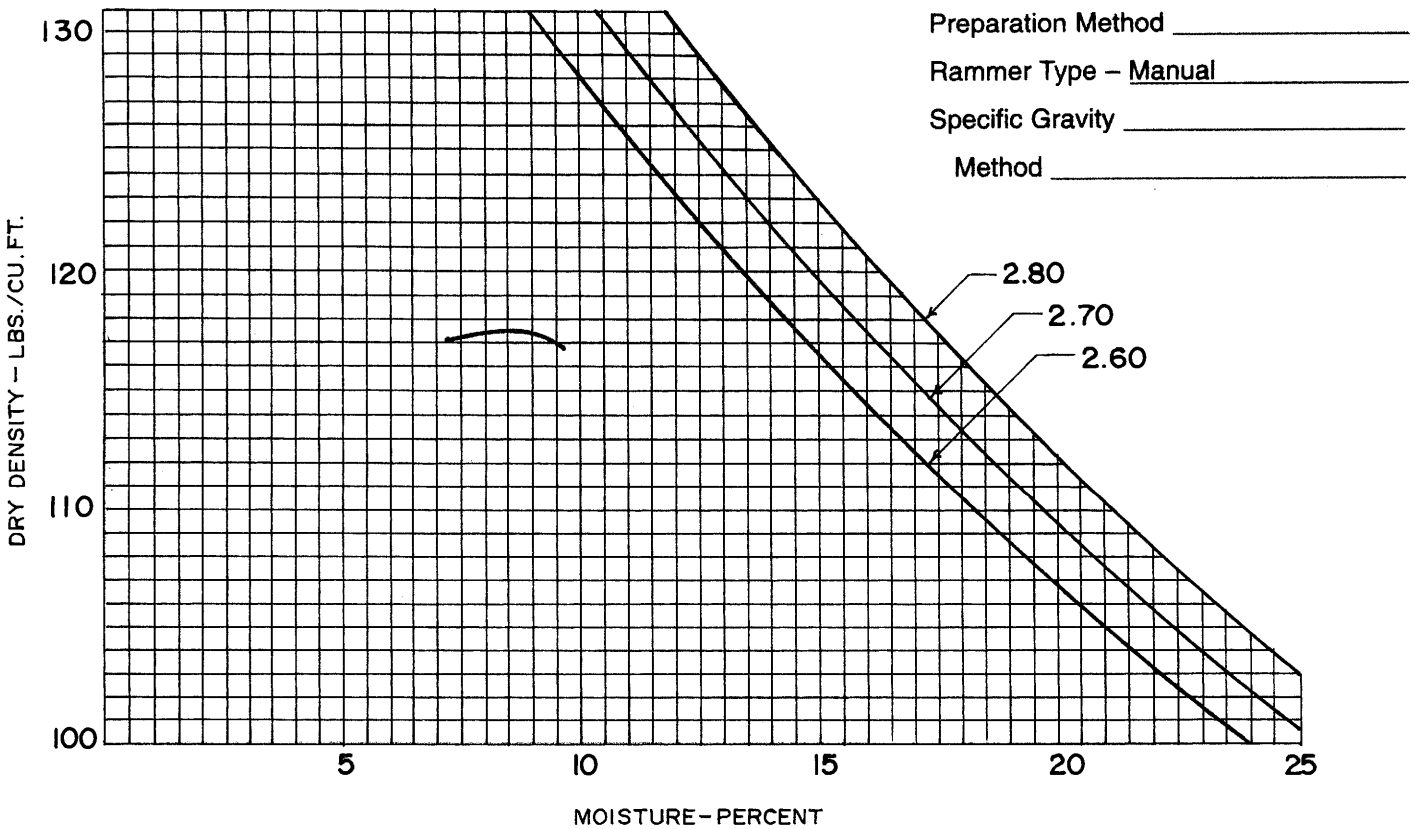
SRNS PO# 196912

SOIL PROCTOR TEST

Maximum Dry Density — 117.6 pcf

Optimum Moisture Content — 8.7%

Soil Description — Tan Silty Sand



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-NN23
Date Sampled October 21, 2015
Date of Test October 21, 2015
Date Issued October 22, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Tan Silty Sand

Sieve No.	% Passing
⅜	100.0%
4	100.0%
10	100.0%
20	95.0%
40	60.0%
60	33.8%
140	16.8%
200	11.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

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AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-RR42

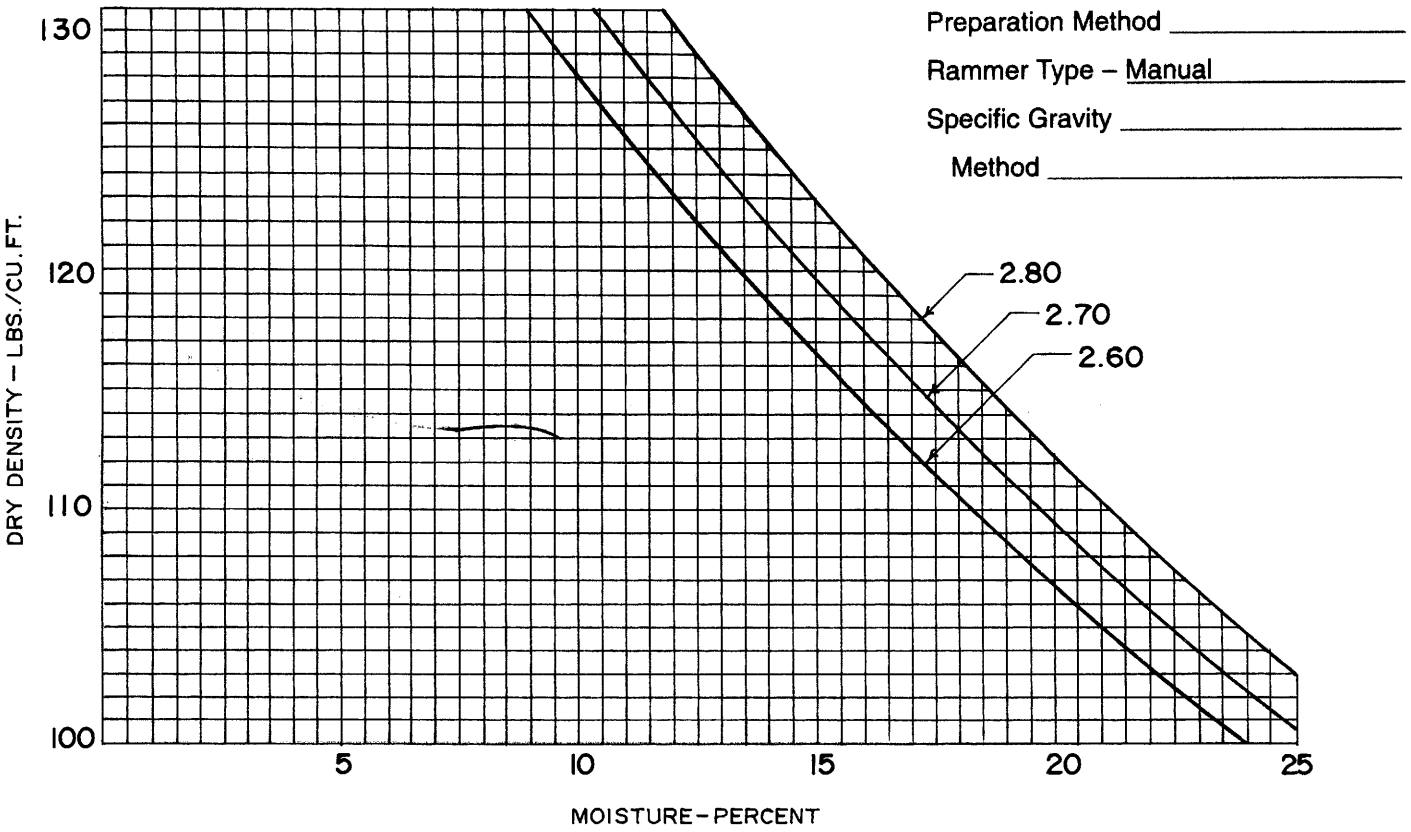
Date November 19, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS PO #196912

SOIL PROCTOR TEST

Maximum Dry Density — 113.8 pcf
Optimum Moisture Content — 8.7%
Soil Description — Tan Coarse Sand



ASTM D - 1557 , Method – A

Technician Travis Viamontes

Accredited By AASHTO Accreditation Program (AAP)

csra

TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-RR41
Date Sampled November 17, 2015
Date of Test November 19, 2015
Date Issued November 20, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Tan Coarse Sand

Sieve No.	% Passing
⅜	100.0%
4	100.0%
10	100.0%
20	96.0%
40	65.0%
60	31.0%
140	12.0%
200	10.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra

TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-KK65

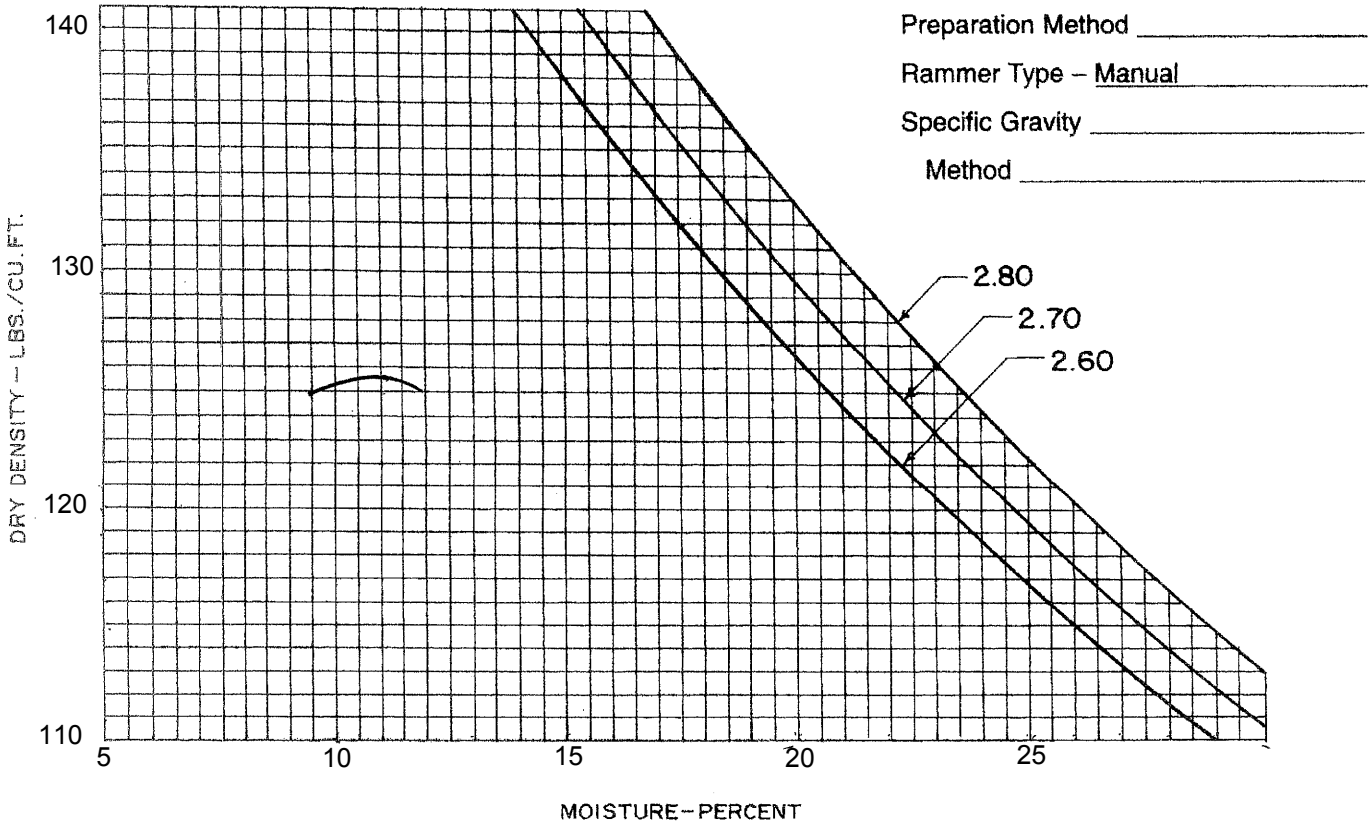
Date September 25, 2015

CLIENT: Envirocon ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure, C-SPP-D-00002 (SRNS PO# 196912) LOCATION: Savannah River Site, Aiken Co., SC

SOIL PROCTOR TEST

Maximum Dry Density — 125.7 pcf
Optimum Moisture Content — 11.1%
Soil Description — Reddish-Brown Slightly Clayey Sand



Preparation Method
Rammer Type – Manual
Specific Gravity
Method

ASTM D - 1557 , Method – A

Technician Chris Lowry

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-KK64
Date Sampled September 24, 2015
Date of Test September 25, 2015
Date Issued September 28, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Slightly Clayey Sand

Sieve No.	% Passing
⅜	100.0%
4	99.7%
10	97.7%
20	89.4%
40	60.0%
60	44.7%
140	33.5%
200	31.7%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T15-TT29

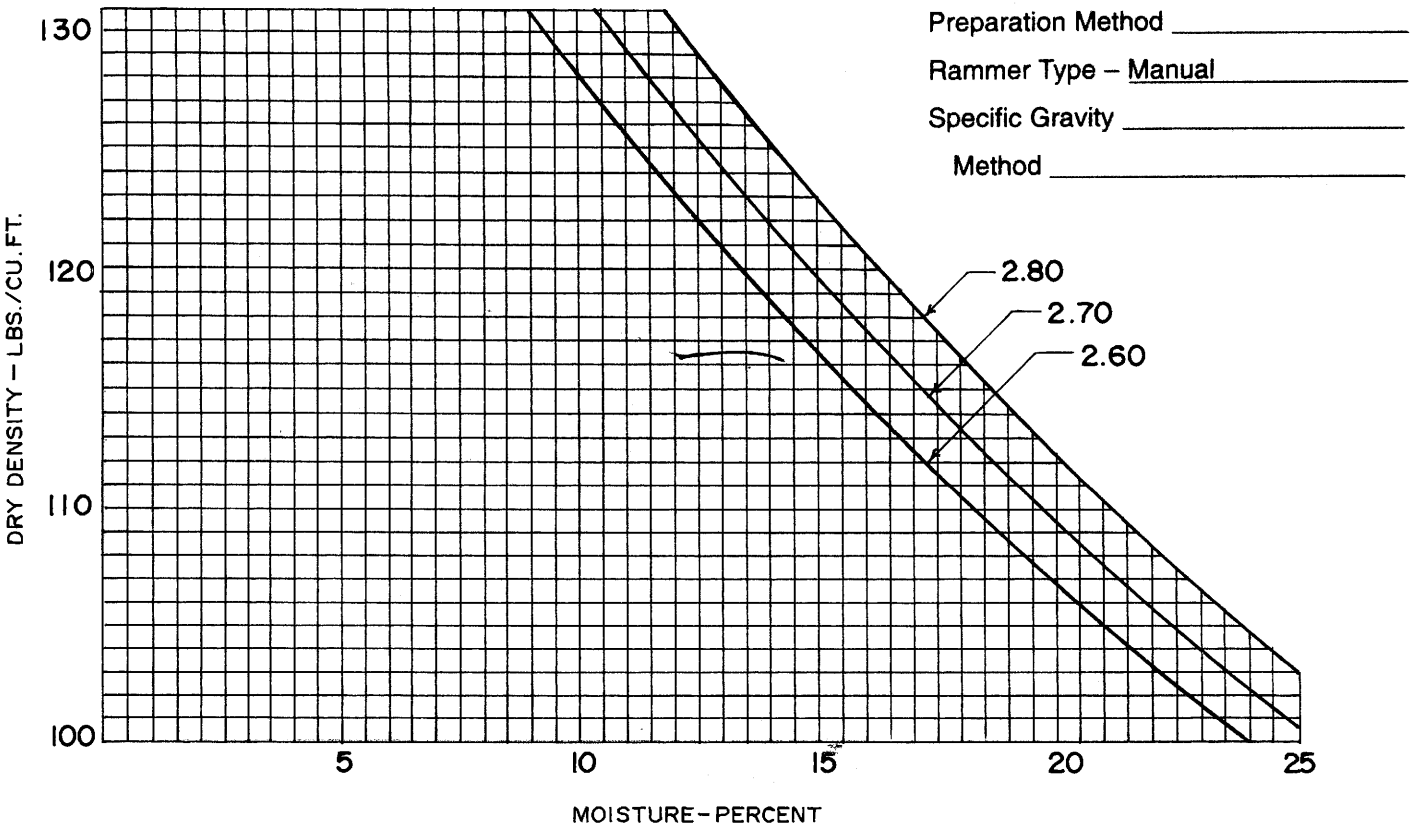
Date December 3, 2015

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken County, SC
SRNS P.O. #196912

SOIL PROCTOR TEST

Maximum Dry Density — 116.7 pcf
Optimum Moisture Content — 13.6%
Soil Description — Reddish-Tan Clayey Sand



ASTM D - 1557 , Method – A

Technician Derek Nelson

Accredited By AASHTO Accreditation Program (AAP)

csra

TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T15-TT30
Date Sampled December 1, 2015
Date of Test December 8, 2015
Date Issued December 8, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Tan Clayey Sand

Sieve No.	% Passing
4	99.0%
10	99.0%
20	93.0%
40	73.0%
60	54.0%
140	39.0%
200	36.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-B50

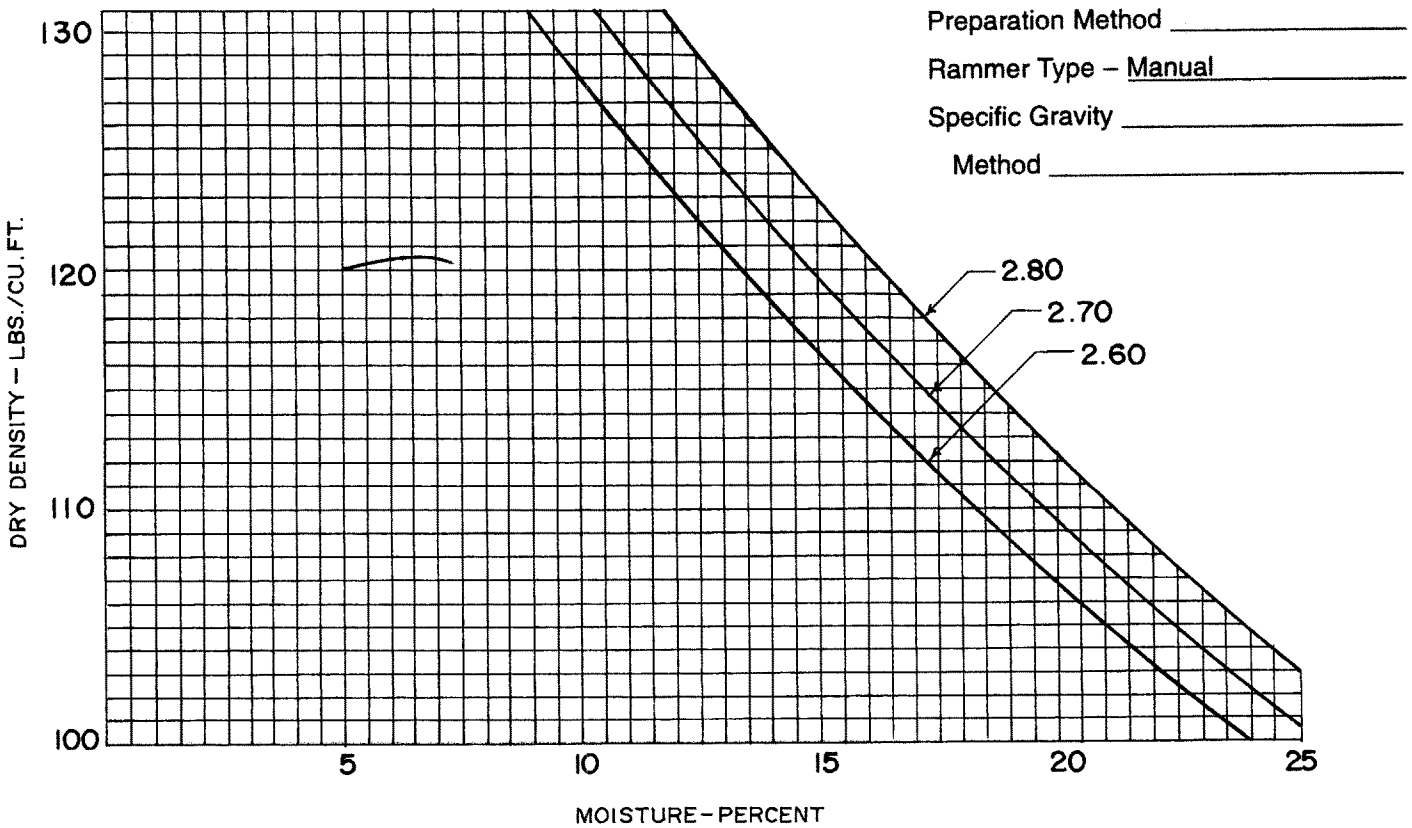
Date January 15, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS P.O. #196912

SOIL PROCTOR TEST

Maximum Dry Density — 120.5 pcf
Optimum Moisture Content — 6.4%
Soil Description — Brownish-Tan Sand



ASTM D - 1557 , Method – A

Technician Branon Mitchell

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-B84
Date Sampled January 13, 2016
Date of Test January 15, 2016
Date Issued January 16, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Brownish-Tan Sand

Sieve No.	% Passing
4	100.0%
10	99.5%
20	95.5%
40	67.0%
60	39.5%
140	19.0%
200	15.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-F68

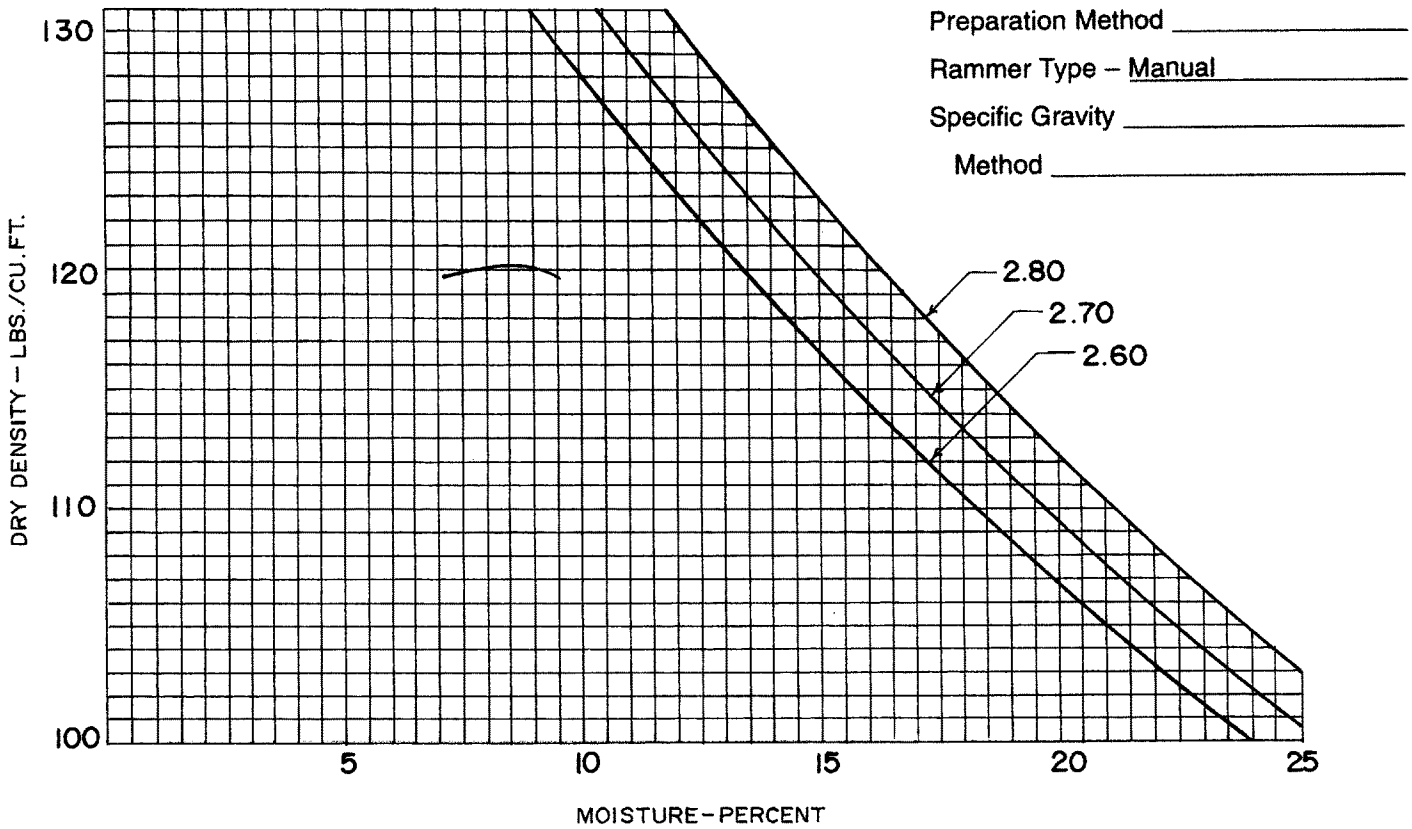
Date February 15, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS PO#: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 120.1 pcf
Optimum Moisture Content — 8.7%
Soil Description — Light Brownish-Tan Silty Sand



ASTM D - 1557 , Method – A

Technician Larry Norred

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-F69
Date Sampled February 12, 2016
Date of Test February 15, 2016
Date Issued February 18, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Light Brownish-Tan Silty Sand

Sieve No.	% Passing
4	100.0%
10	99.7%
20	94.0%
40	51.5%
60	27.5%
140	14.5%
200	12.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-F76

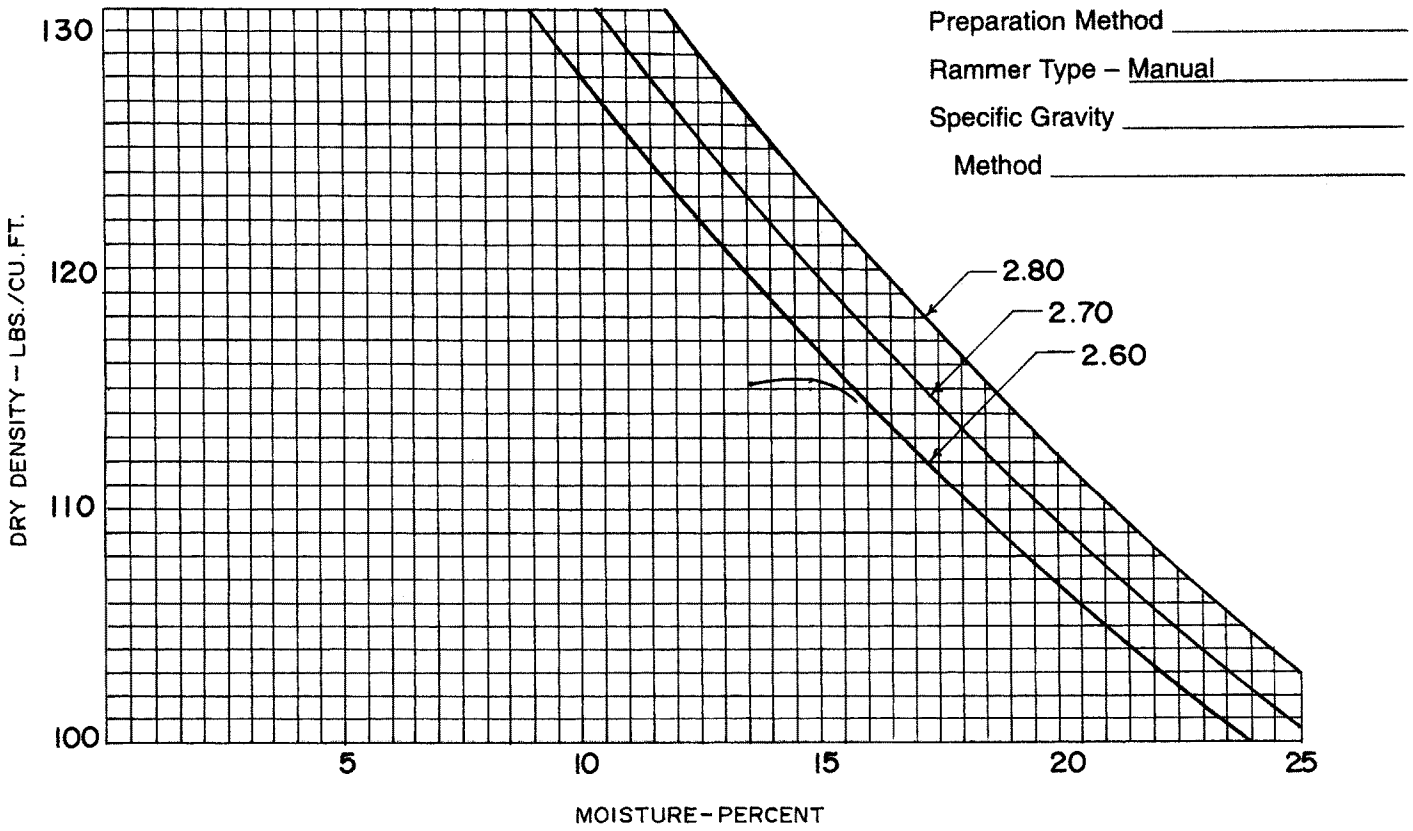
Date February 11, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS PO#: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 115.3 pcf
Optimum Moisture Content — 14.9%
Soil Description — Reddish-Tan Clayey Sand



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra

TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-F77
Date Sampled February 12, 2016
Date of Test February 15, 2016
Date Issued February 18, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Tan Clayey Sand

Sieve No.	% Passing
4	100.0%
10	99.5%
20	93.2%
40	72.5%
60	57.7%
140	44.5%
200	42.7%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-M46

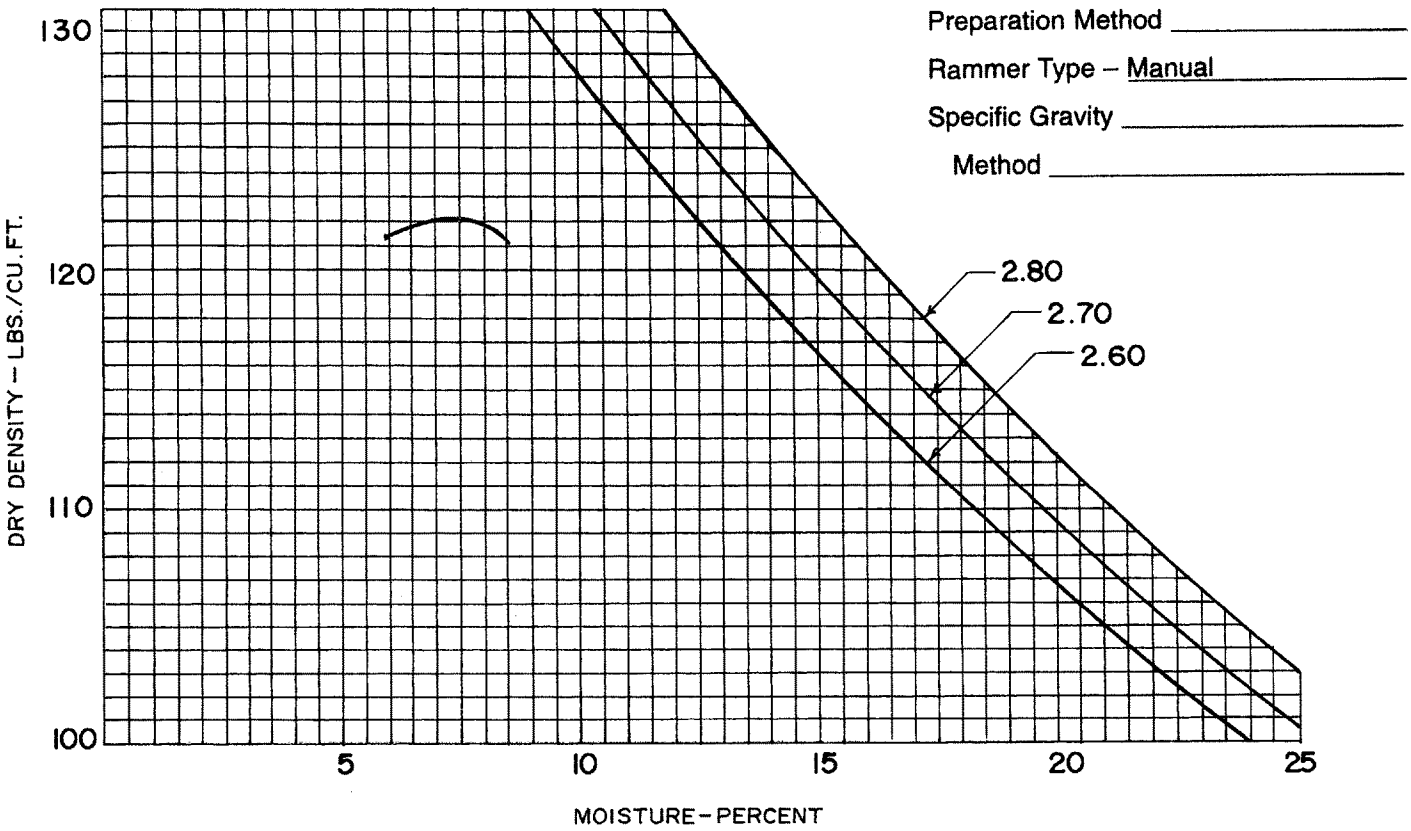
Date March 18, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS PO: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 122.0 pcf
Optimum Moisture Content — 7.5%
Soil Description — Reddish-Brown Sandy Clay



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-M47
Date Sampled March 16, 2016
Date of Test March 18, 2016
Date Issued March 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Sandy Clay

Sieve No.	% Passing
4	100.0%
10	99.5%
20	95.0%
40	70.0%
60	42.0%
140	23.0%
200	20.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-M44

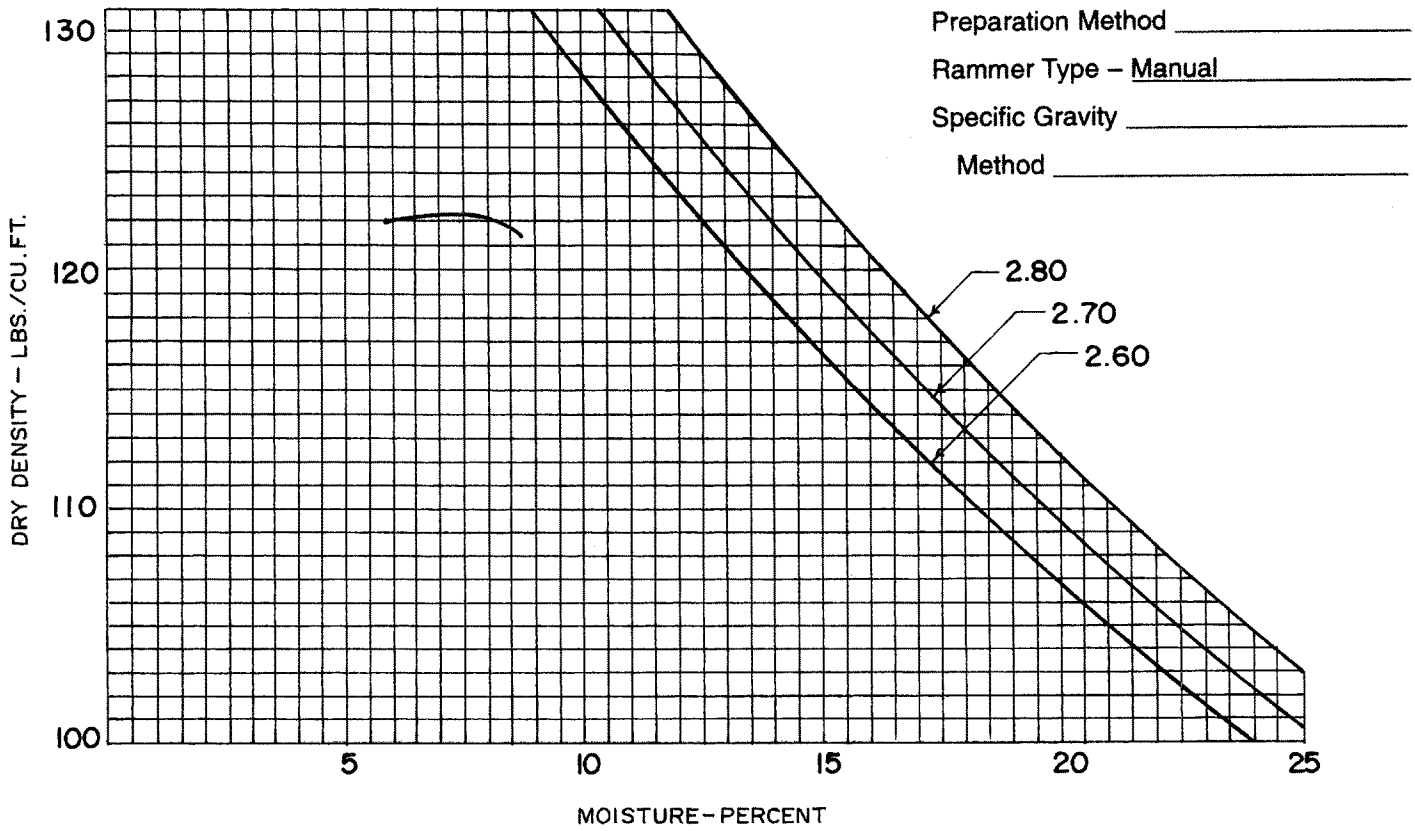
Date March 22, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken County, SC
SRNS PO: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 122.1 pcf
Optimum Moisture Content — 7.5%
Soil Description — Brownish-Tan Silty Sand



ASTM D - 698 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

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Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-M45
Date Sampled March 18, 2016
Date of Test March 22, 2016
Date Issued March 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Brownish-Tan Silty Sand

Sieve No.	% Passing
4	100.0%
10	98.0%
20	92.0%
40	70.0%
60	50.0%
140	36.0%
200	34.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-M47
Date Sampled March 16, 2016
Date of Test March 18, 2016
Date Issued March 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Sandy Clay

Sieve No.	% Passing
4	100.0%
10	99.5%
20	95.0%
40	70.0%
60	42.0%
140	23.0%
200	20.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

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AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-M46

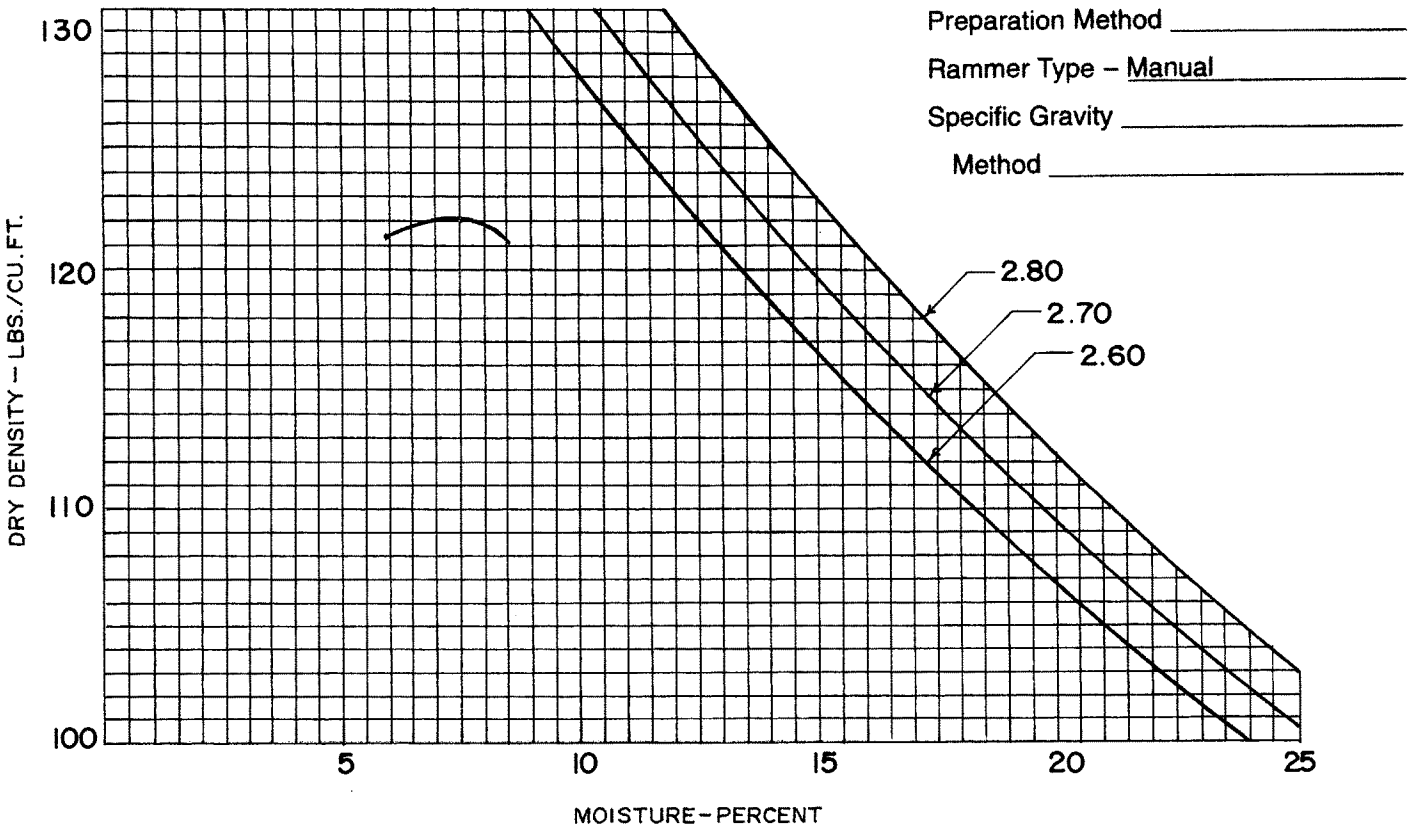
Date March 18, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS PO: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 122.0 pcf
Optimum Moisture Content — 7.5%
Soil Description — Reddish-Brown Sandy Clay



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-M45
Date Sampled March 18, 2016
Date of Test March 22, 2016
Date Issued March 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Brownish-Tan Silty Sand

Sieve No.	% Passing
4	100.0%
10	98.0%
20	92.0%
40	70.0%
60	50.0%
140	36.0%
200	34.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

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AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-M44

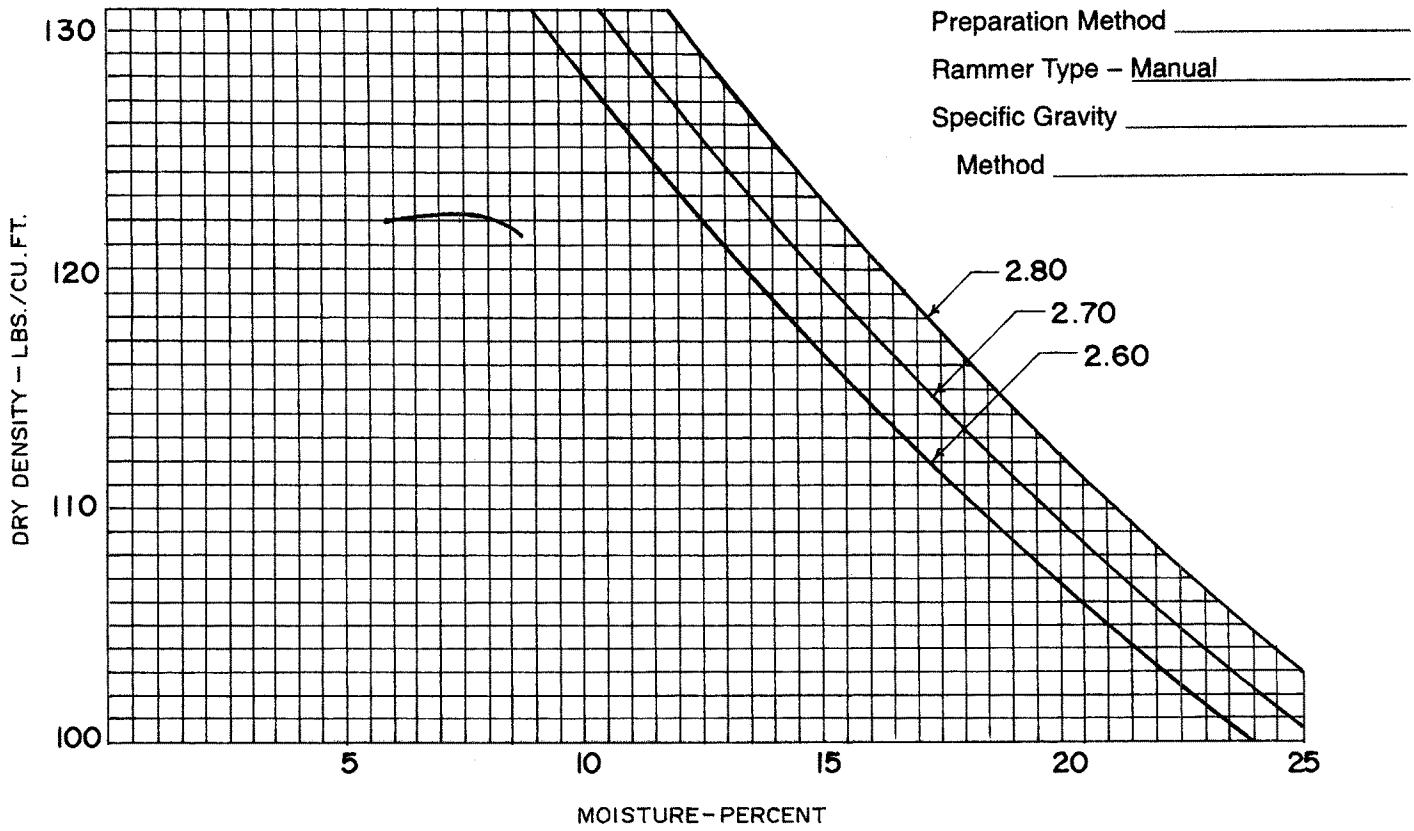
Date March 22, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Landfill Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken County, SC
SRNS PO: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 122.1 pcf
Optimum Moisture Content — 7.5%
Soil Description — Brownish-Tan Silty Sand



ASTM D - 698 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-Q58
Date Sampled April 5, 2016
Date of Test April 13, 2016
Date Issued April 21, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Sandy Clay

Sieve No.	% Passing
4	100.0%
10	99.0%
20	95.0%
40	68.0%
60	49.0%
140	31.0%
200	27.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

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1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-Q45

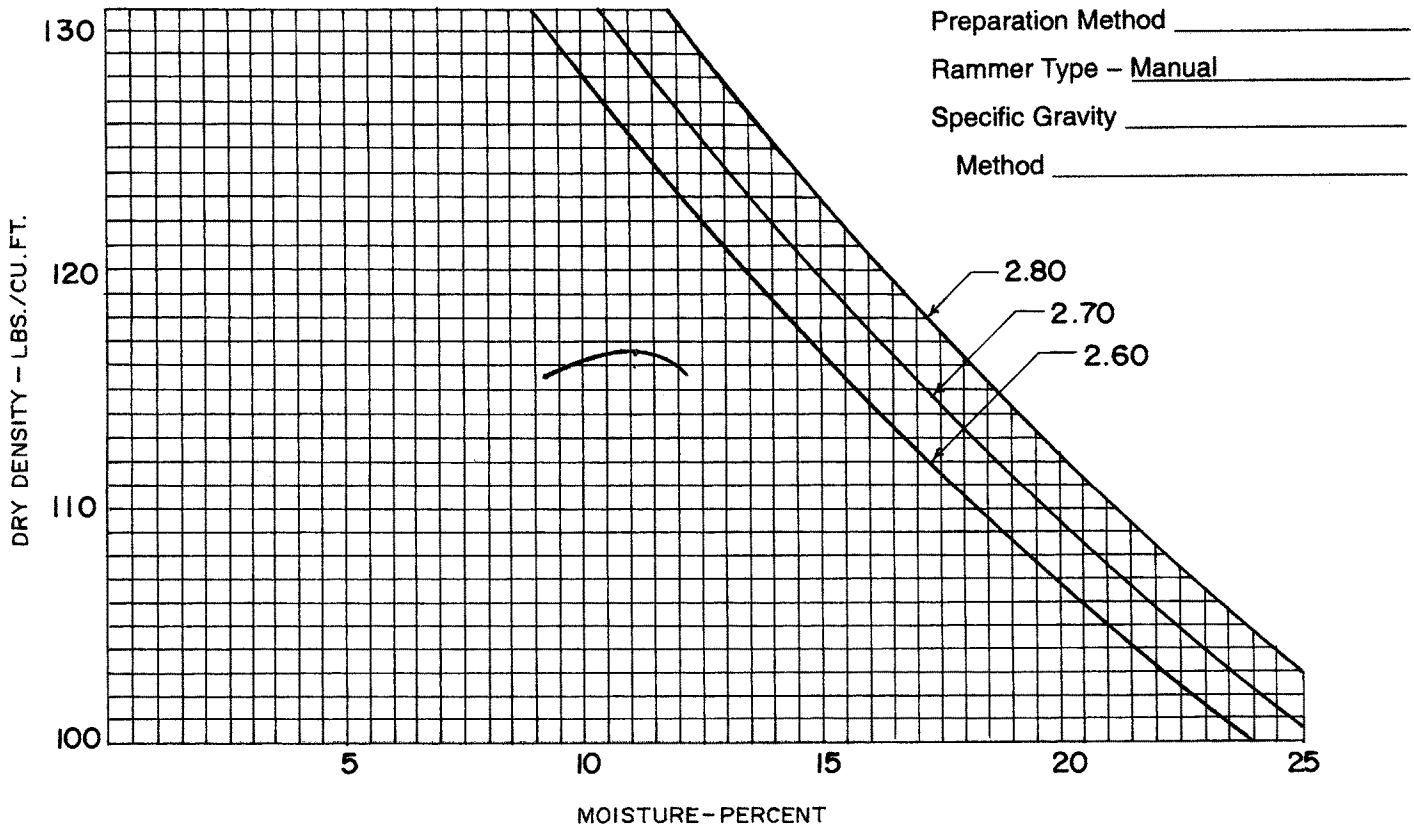
Date April 20, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure, C-SPP-D-00002
SRNS P.O. #196912 LOCATION: Savannah River Site, Aiken Co., SC

SOIL PROCTOR TEST

Maximum Dry Density — 116.6 pcf
Optimum Moisture Content — 11.1%
Soil Description — Reddish-Brown Sandy Clay



ASTM D - 1557 , Method – A

Technician Chip Stewart

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-R16
Date Sampled April 15, 2016
Date of Test April 25, 2016
Date Issued April 26, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Brown Silty Sand

Sieve No.	% Passing
4	100.0%
10	100.0%
20	92.0%
40	63.0%
60	44.0%
140	26.0%
200	19.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-Q33

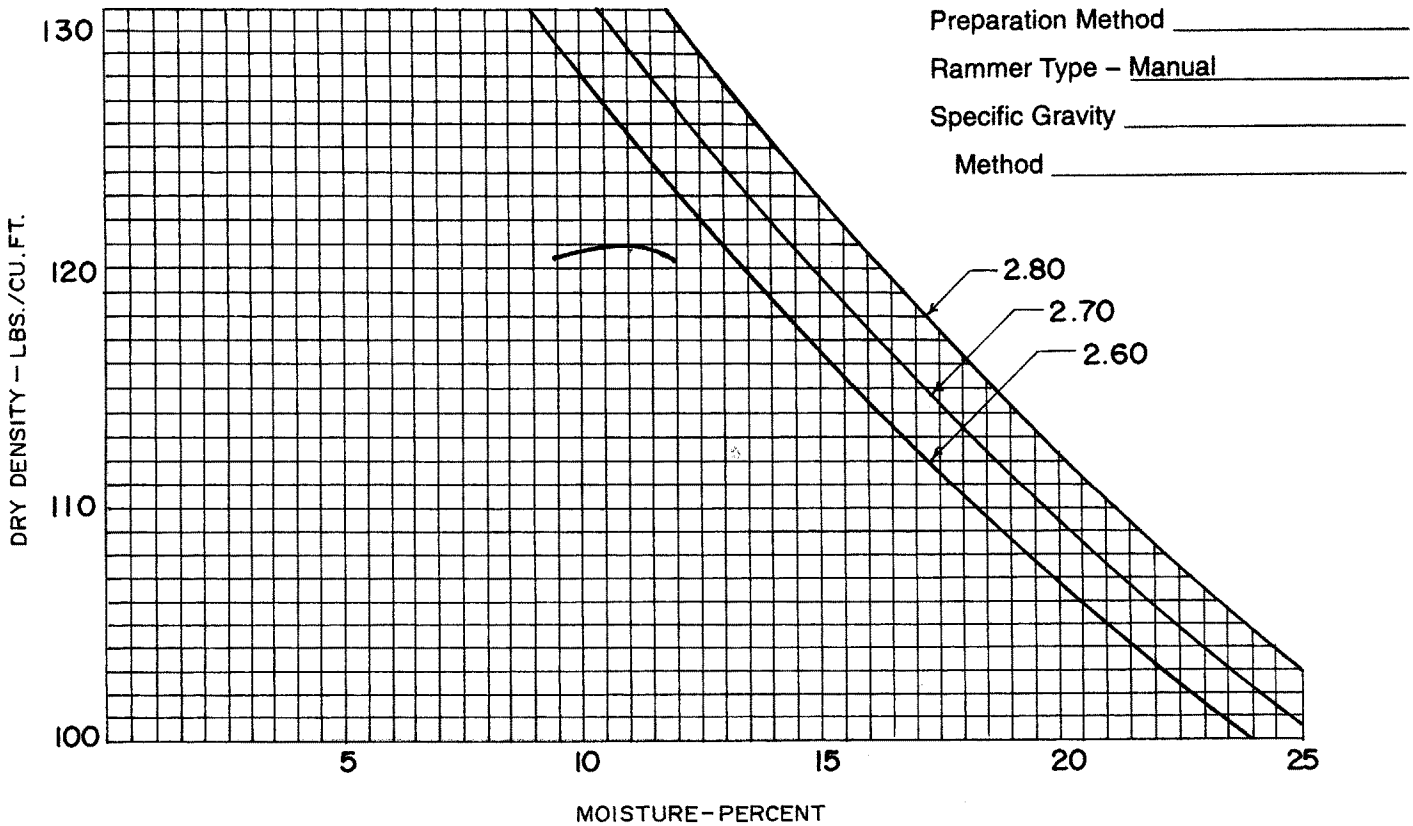
Date April 20, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure, C-SPP-D-0002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS P.O. #: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 120.9 pcf
Optimum Moisture Content — 11.1%
Soil Description — Brown Silty Sand



ASTM D - 1557 , Method – A

Technician Chip Stewart

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-U20
Date Sampled May 17, 2016
Date of Test May 18, 2016
Date Issued May 19, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Brown Sandy Clay

Sieve No.	% Passing
4	100.0%
10	100.0%
20	90.0%
40	65.0%
60	42.0%
140	25.0%
200	22.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-U21

Date May 18, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC

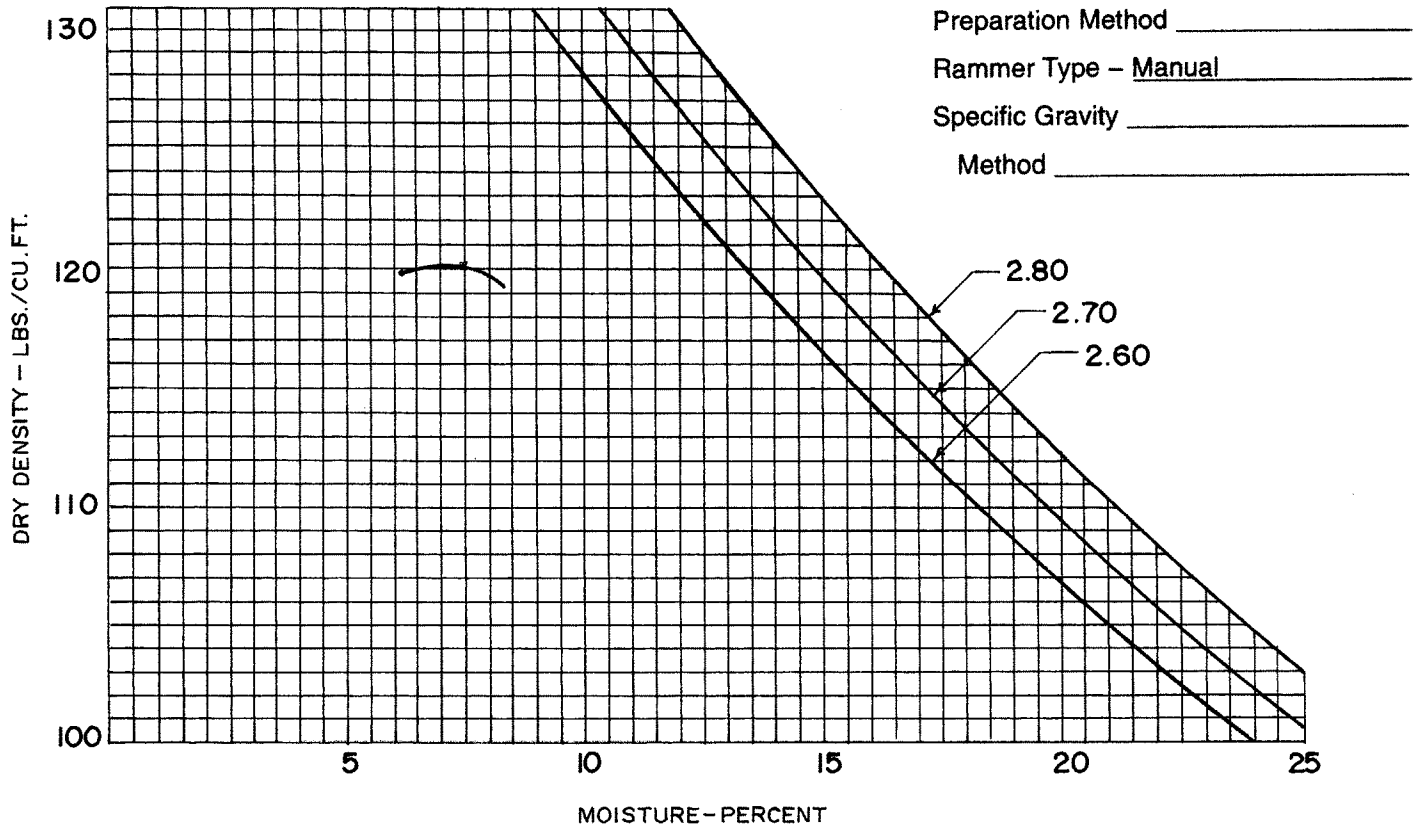
SRNS P.O. No. 196912

SOIL PROCTOR TEST

Maximum Dry Oensity — 122.5 pcf

Optimum Moisture Content — 7.5%

Soil Description — Reddish-Brown Sandy Clay



ASTM D - 1557 , Method – A

Technician Chris Lowry

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-Z82
Date Sampled June 17, 2016
Date of Test June 24, 2016
Date Issued June 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Tan Slightly Silty Sand (Sample 1)

Sieve No.	% Passing
4	98.0%
10	97.0%
20	89.0%
40	68.0%
60	44.0%
140	23.0%
200	18.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-Z81

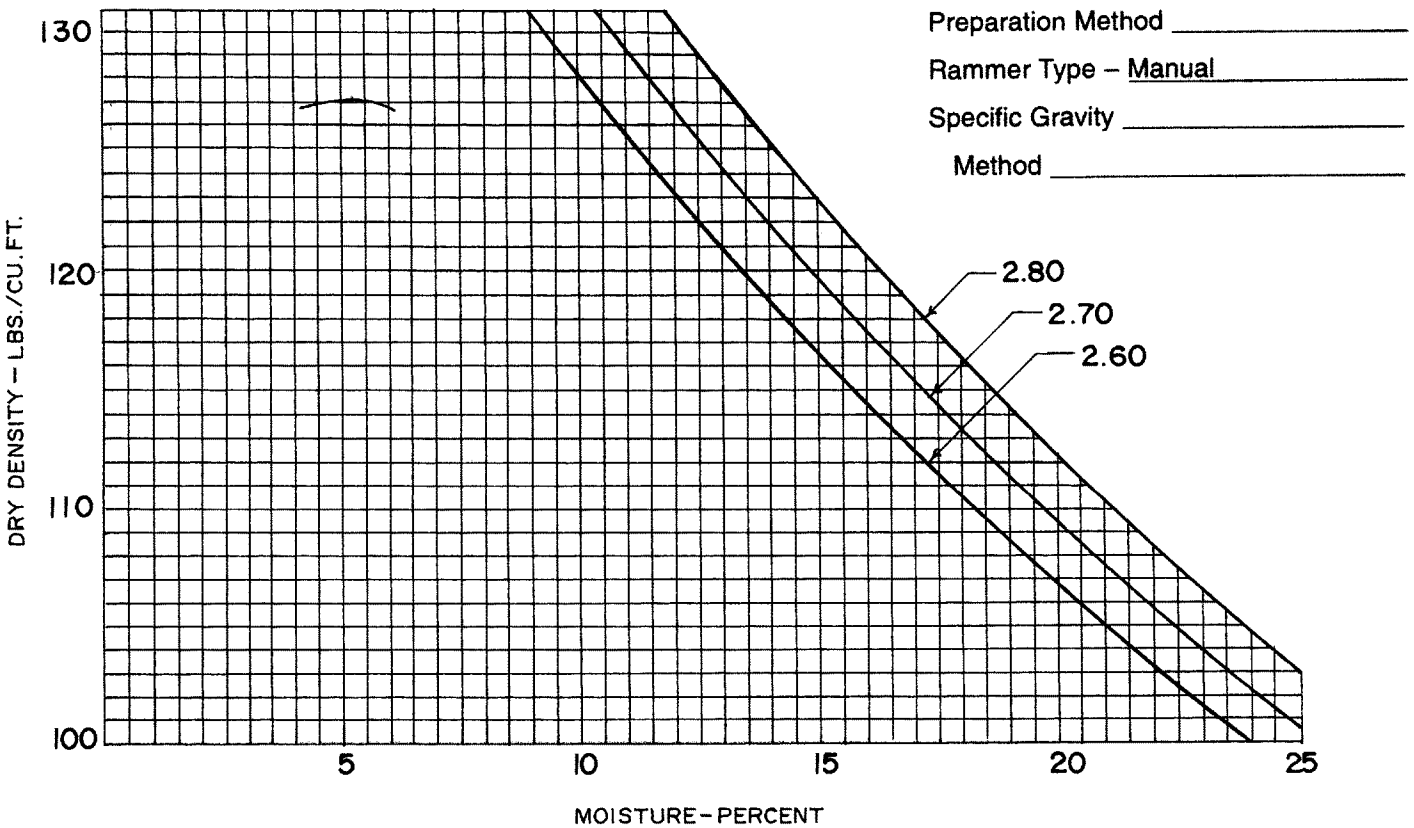
Date June 17, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure C-SPP-0-00002
SRNS P.O. No. 196912 LOCATION: Savannah River Site, Aiken Co., SC

SOIL PROCTOR TEST

Maximum Dry Density — 127.1 pcf
Optimum Moisture Content — 5.3%
Soil Description — Tan Slightly Silty Sand



ASTM D - 1557 , Method – A

Technician David Turner

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-Z84
Date Sampled June 17, 2016
Date of Test June 24, 2016
Date Issued June 28, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Dark Reddish-Brown Clayey Sand (Sample 2)

Sieve No.	% Passing
4	100.0%
10	99.0%
20	92.0%
40	68.0%
60	44.0%
140	24.0%
200	21.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-Z83

Date June 17, 2016

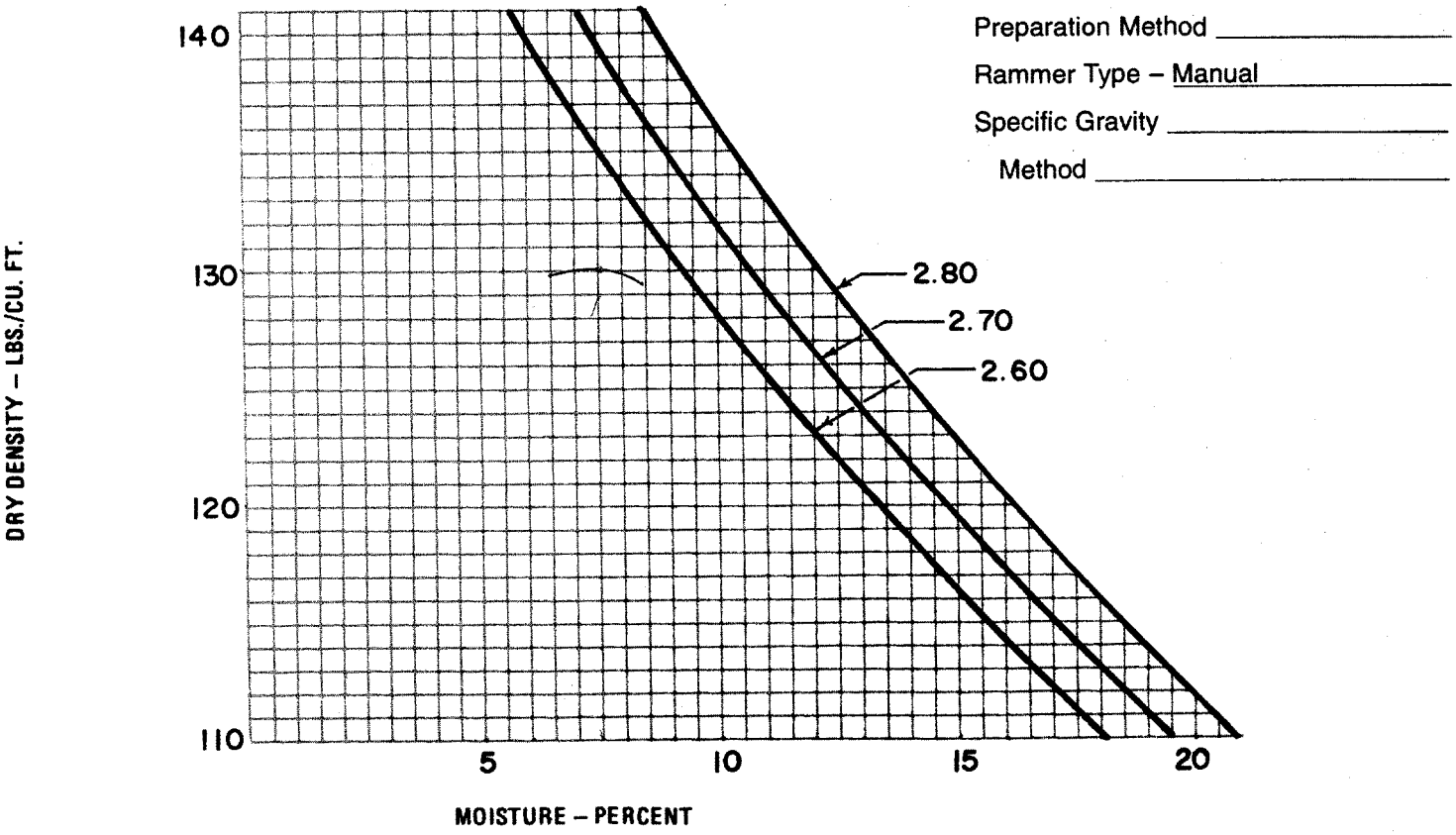
CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS P.O. No. 196912

SOIL PROCTOR TEST

Maximum Dry Density — 130.0 pcf
Optimum Moisture Content — 7.5%
Soil Description — Dark Reddish-Brown Clayey Sand

Preparation Method _____
Rammer Type – Manual
Specific Gravity _____
Method _____



ASTM D - 1557 , Method – A

Technician David Turner

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-FF40
Date Sampled July 18, 2016
Date of Test August 1, 2016
Date Issued August 2, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Tan Slightly Silty Sand

Sieve No.	% Passing
4	100.0%
10	99.8%
20	91.0%
40	66.0%
60	43.0%
140	24.0%
200	21.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-EE76

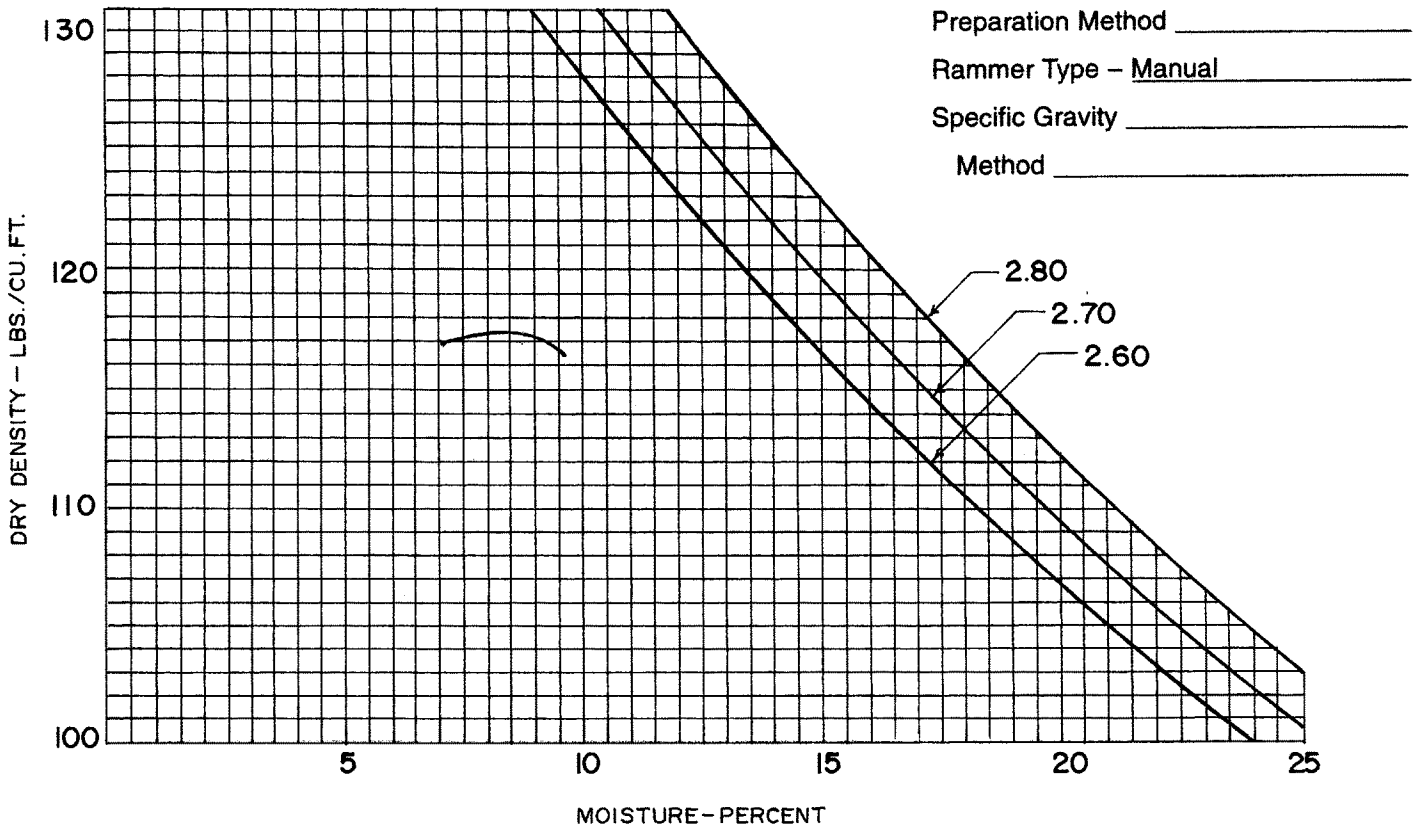
Date July 20, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Landfill, C-PP-D-00002 LOCATION: Savannah River Site, Aiken, County, SC
SRNS P.O.: 196912

SOIL PROCTOR TEST

Maximum Dry Density — 117.3 pcf
Optimum Moisture Content — 8.7%
Soil Description — Tan Slightly Silty Sand



ASTM D - 1557 , Method – A

Technician Doug Smith

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-FF38
Date Sampled July 29, 2016
Date of Test August 1, 2016
Date Issued August 2, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Tan Silty Sand

Sieve No.	% Passing
4	98.0%
10	99.8%
20	95.0%
40	70.0%
60	42.0%
140	20.0%
200	16.0%
Clay Content	13.0
Silt Content	3.0

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-FF39

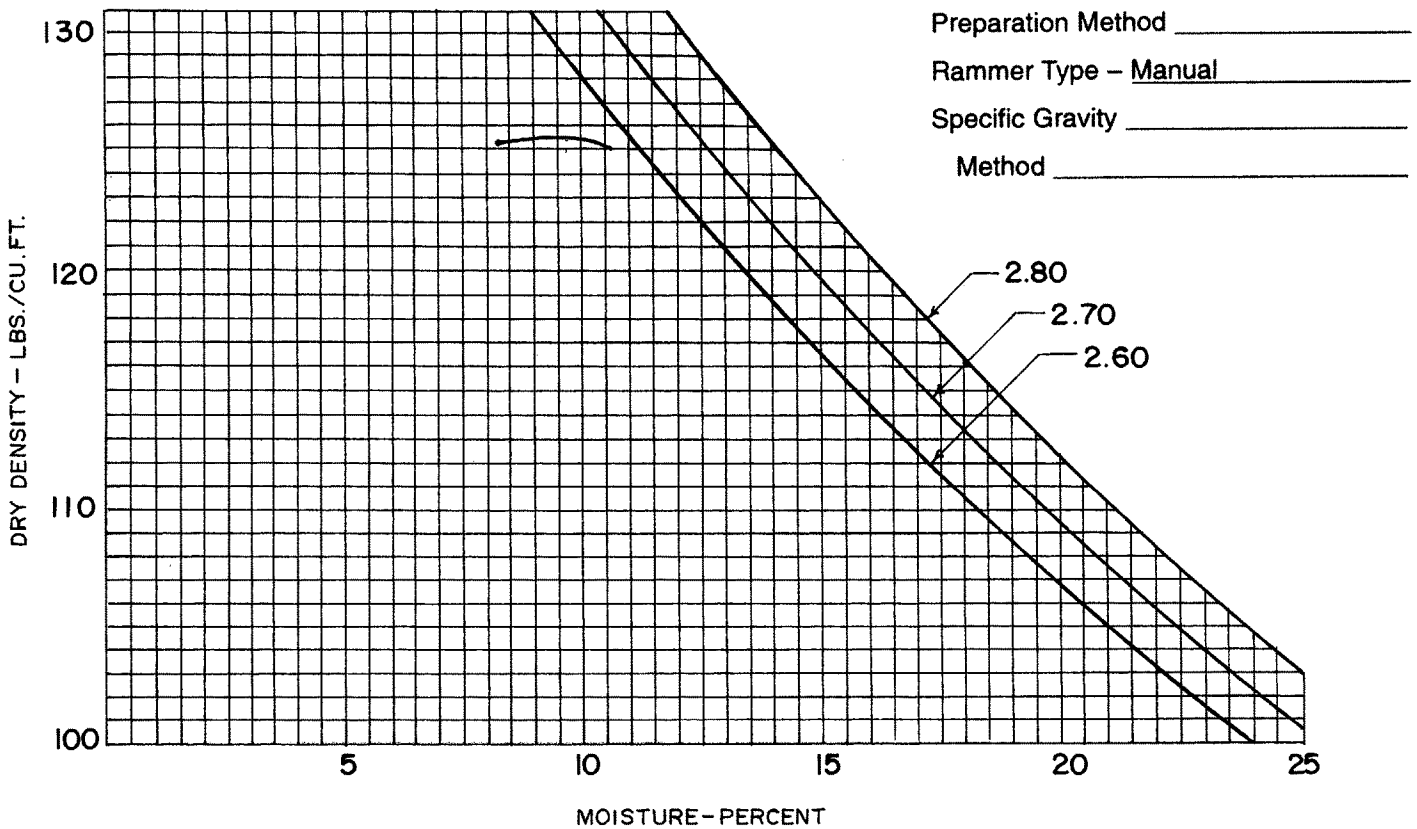
Date August 1, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, MT

PROJECT: Ash Basin Closure, C-SPP-D-00002 LOCATION: Savannah River Site, Aiken Co., SC
SRNS P.O.# 196912

SOIL PROCTOR TEST

Maximum Dry Density — 125.3 pcf
Optimum Moisture Content — 9.9%
Soil Description — Tan Silty Sand



ASTM D - 1557 , Method – A

Technician Andrew Doolittle

Accredited By AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No. T16-JJ99
Date Sampled August 22, 2016
Date of Test September 2, 2016
Date Issued September 7, 2016

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Tan Clayey Sand

Sieve No.	% Passing
4	100.0%
10	99.0%
20	93.0%
40	65.0%
60	41.0%
140	20.0%
200	16.0%

1 cc: Envirocon, Inc.; Trip Winfree (via email)

csra TESTING AND ENGINEERING CO., INC.

1005 EMMETT STREET, SUITE A
AUGUSTA, GEORGIA 30904
(706) 733-6960
FAX (706) 737-0629

Report No. T16-JJ98

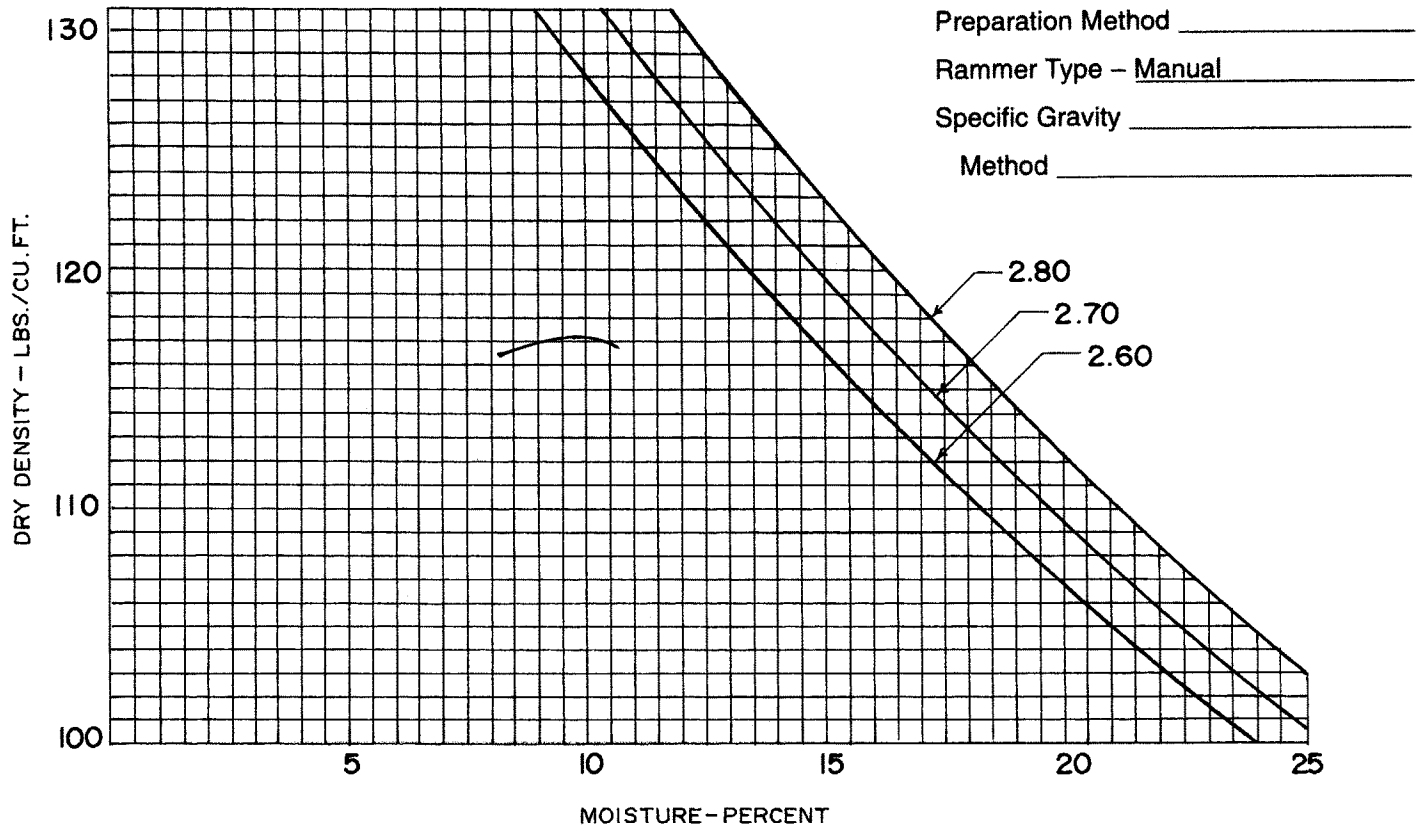
Date August 23, 2016

CLIENT: Envirocon, Inc. ADDRESS: Missoula, Montana

PROJECT: Ash Basin Closure,C-SPP-D-00002
SRNS P.O. 196912 LOCATION: Savannah River Site, Aiken Co., SC

SOIL PROCTOR TEST

Maximum Dry Density — 117.1 pcf
Optimum Moisture Content — 9.9%
Soil Description — Reddish-Tan Clayey Sand



ASTM D - 1557 , Method – A

Technician Andrew Doolittle

Accredited By AASHTO Accreditation Program (AAP)

APPENDIX Q3

Area-Wide Compaction Reports

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csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T15-Q75		
Date Issued:	May 12, 2015		
Date & Time of Test:	May 8, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	1	2	3	4				
Course Level	1' of fill		2' of fill					
Area to Be	Fill							
Dry Density In-Place	116.7	117.0	116.4	117.4				
% Proctor Density	95.4	95.7	95.2	96.0				
Moisture Content	14.6	14.4	15.0	14.5				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations: Please see attached map.

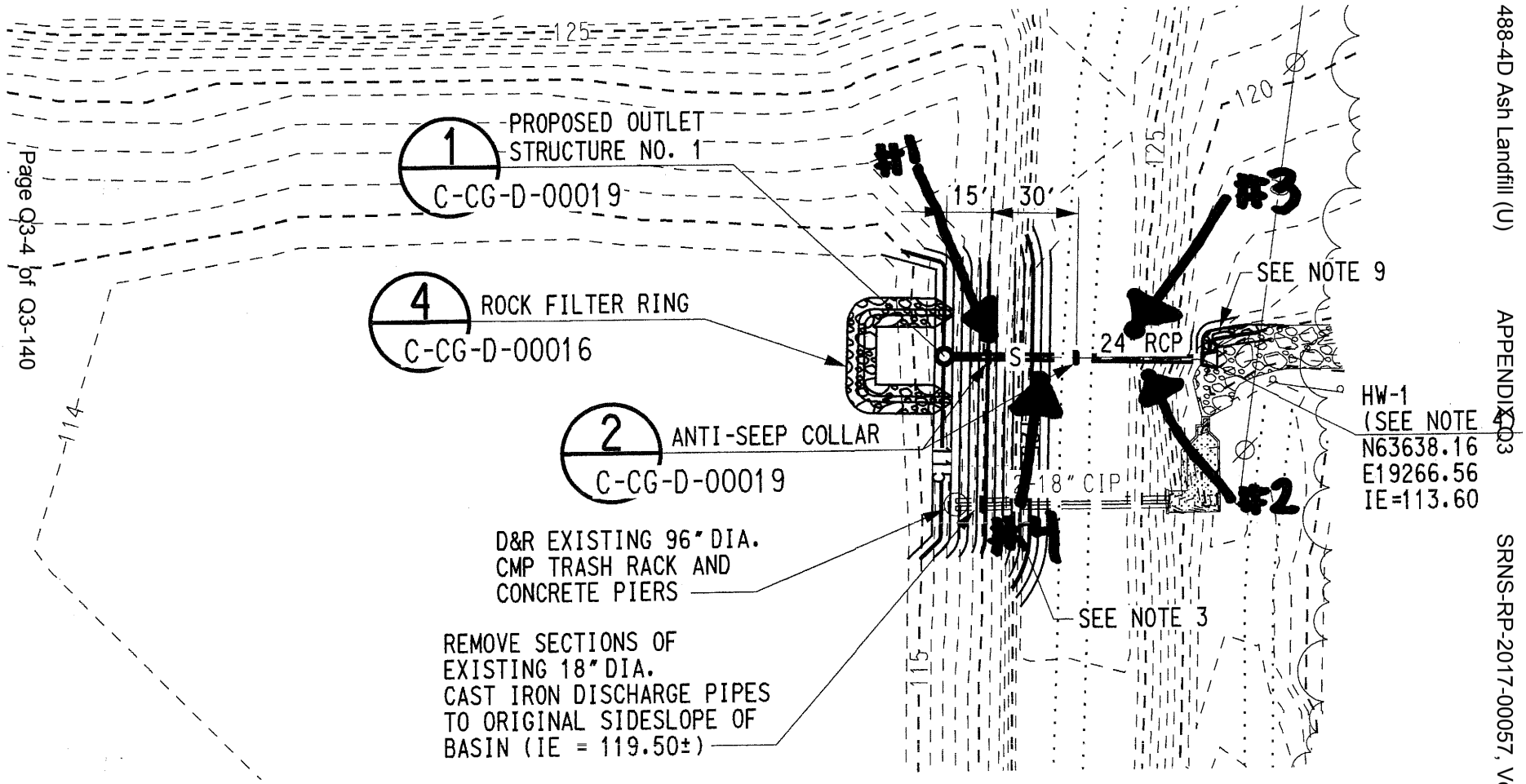
Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, PE, Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)

Envirocon
5-8-15
C2
T15-Q75



APPENDIX Q3
SRNS-RP-2017-00057, Vo
r the 488-2D Ash Basin and 488-4D Ash Landfill (U)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T15-Q76 (Page 1 of 3)		
Date Issued:	May 12, 2015		
Date & Time of Test:	May 11, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	3' of fill		4' of fill		5' of fill		6' of fill	
Area to Be	Fill							
Dry Density In-Place	117.7	117.2	116.8	117.5	117.2	116.7	118.3	119.1
% Proctor Density	96.2	95.8	95.5	96.1	95.8	95.4	96.7	97.4
Moisture Content	14.3	13.7	13.5	13.6	13.2	13.5	14.8	14.6
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

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Report No.:	T15-Q76 (Page 2 of 3)		
Date Issued:	May 12, 2015		
Date & Time of Test:	May 11, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	9	10	11	12	13	14	15	16
Course Level	7' of fill		8' of fill		9' of fill		10' of fill	
Area to Be	Fill							
Dry Density In-Place	119.7	119.4	119.2	119.0	119.9	119.2	117.7	118.4
% Proctor Density	97.9	97.6	97.5	97.3	98.0	97.5	96.2	96.8
Moisture Content	14.8	15.2	14.5	14.3	14.7	14.7	14.4	14.3
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

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Report No.:	T15-Q76 (Page 3 of 3)
Date Issued:	May 12, 2015
Date & Time of Test:	May 11, 2015 (AM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	17	18						
Course Level	11' of fill							
Area to Be	Fill							
Dry Density In-Place	120.2	119.4						
% Proctor Density	98.3	97.6						
Moisture Content	13.8	13.5						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: Please see attached map.

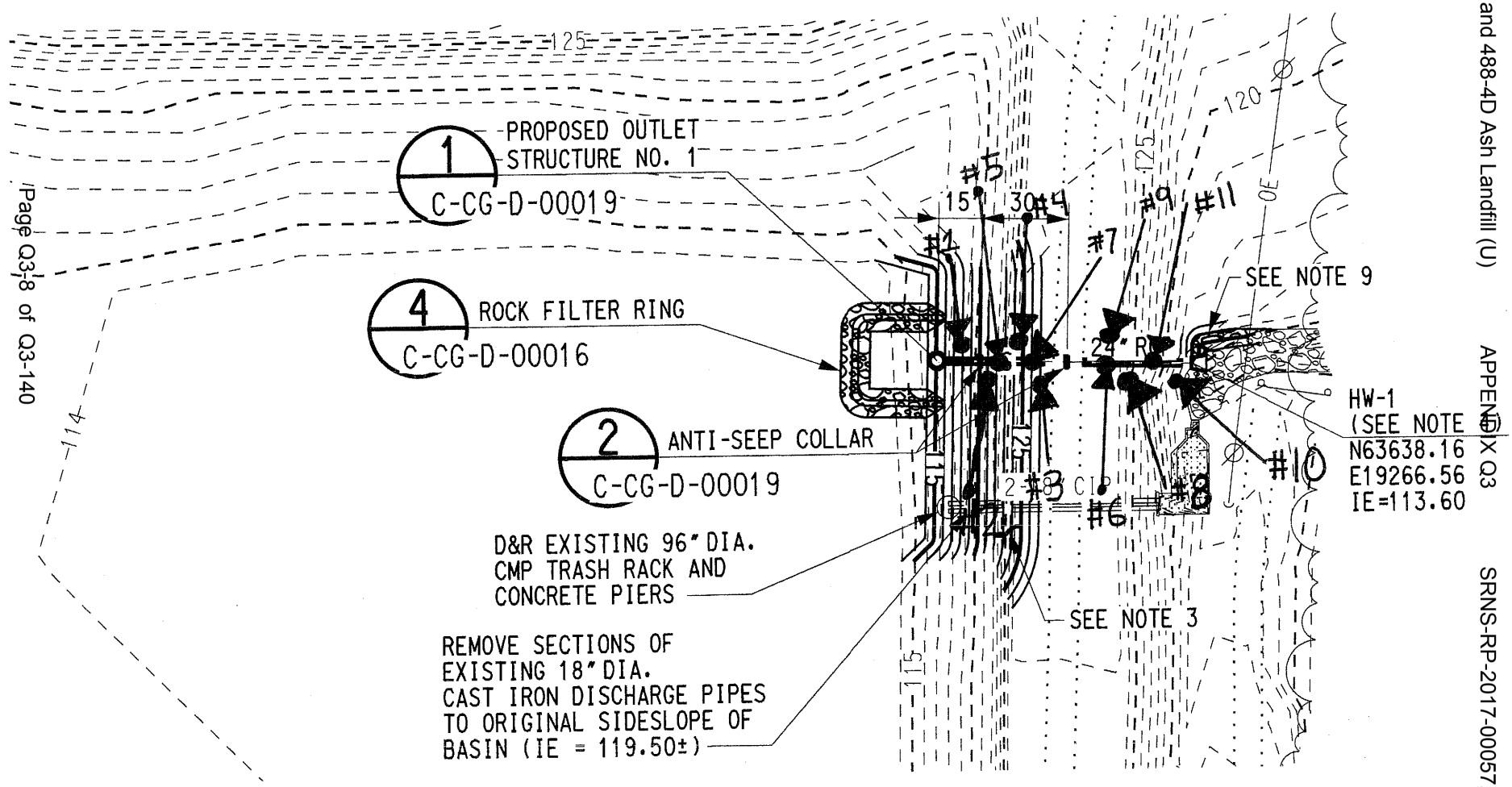
Serial No. of Troxler: 38248

Chris Lowry, Technician

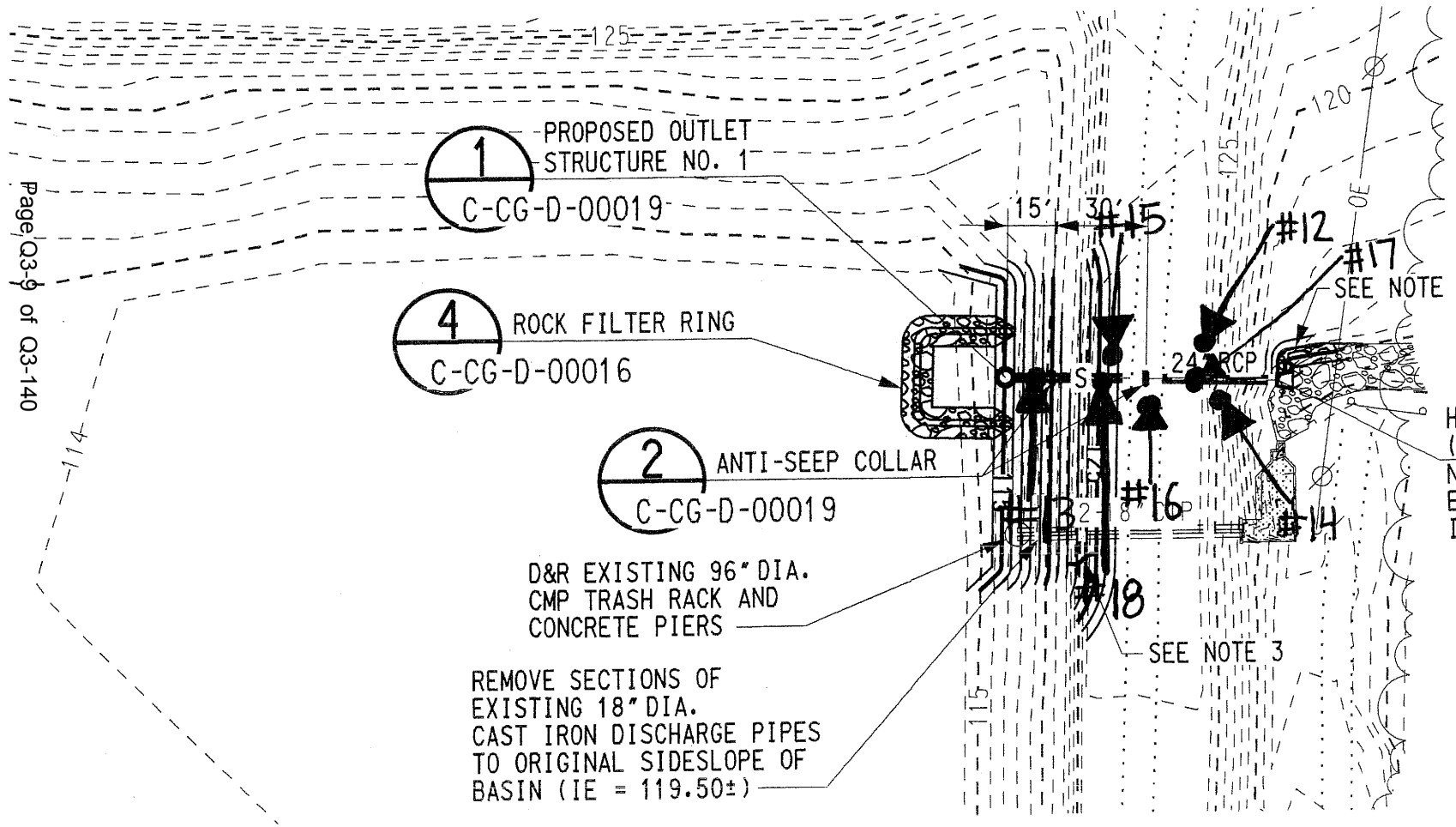
James M. Pope, P.E., Reviewer

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T15-076
5-11-15



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Report No.:	T15-EE60		
Date Issued:	August 18, 2015		
Date & Time of Test:	August 12, 2015		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 124.6 pcf / 12.4% (mod.)

Test No.	1							
Course Level	1st lift							
Area to Be	Slope fill							
Dry Density In-Place	124.0							
% Proctor Density	99.5							
Moisture Content	13.1							
% Compaction Required	95.0							
Conformance	✓							
Non Conformance								
Sand Cone								

Locations: 1. Center of west outer boundry of D-Area basin

Serial No. of Troxler: 25941

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-EE59		
Date Issued:	August 18, 2015		
Date & Time of Test:	August 13, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 124.6 pcf / 12.4% (mod.)

Test No.	1	2						
Course Level	2nd lift							
Area to Be	Slope fill							
Dry Density In-Place	119.6	122.4						
% Proctor Density	96.0	98.2						
Moisture Content	13.0	13.6						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. North end of west outer end of basin area
2. South end of west outer end of basin area

Serial No. of Troxler: 25941

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-EE58		
Date Issued:	August 18, 2015		
Date & Time of Test:	August 13, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 124.6 pcf / 12.4% (mod.)

Test No.	1	2						
Course Level	3rd lift							
Area to Be	Slope fill							
Dry Density In-Place	118.6	119.5						
% Proctor Density	95.2	95.9						
Moisture Content	12.6	13.2						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. North end of west outer end of basin area
2. South end of west outer end of basin area

Serial No. of Troxler: 25941

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-EE95		
Date Issued:	August 17, 2015		
Date & Time of Test:	August 14, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2						
Course Level	4th lift							
Area to Be	Fill							
Dry Density In-Place	113.1	112.9						
% Proctor Density	98.0	97.8						
Moisture Content	16.0	16.3						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

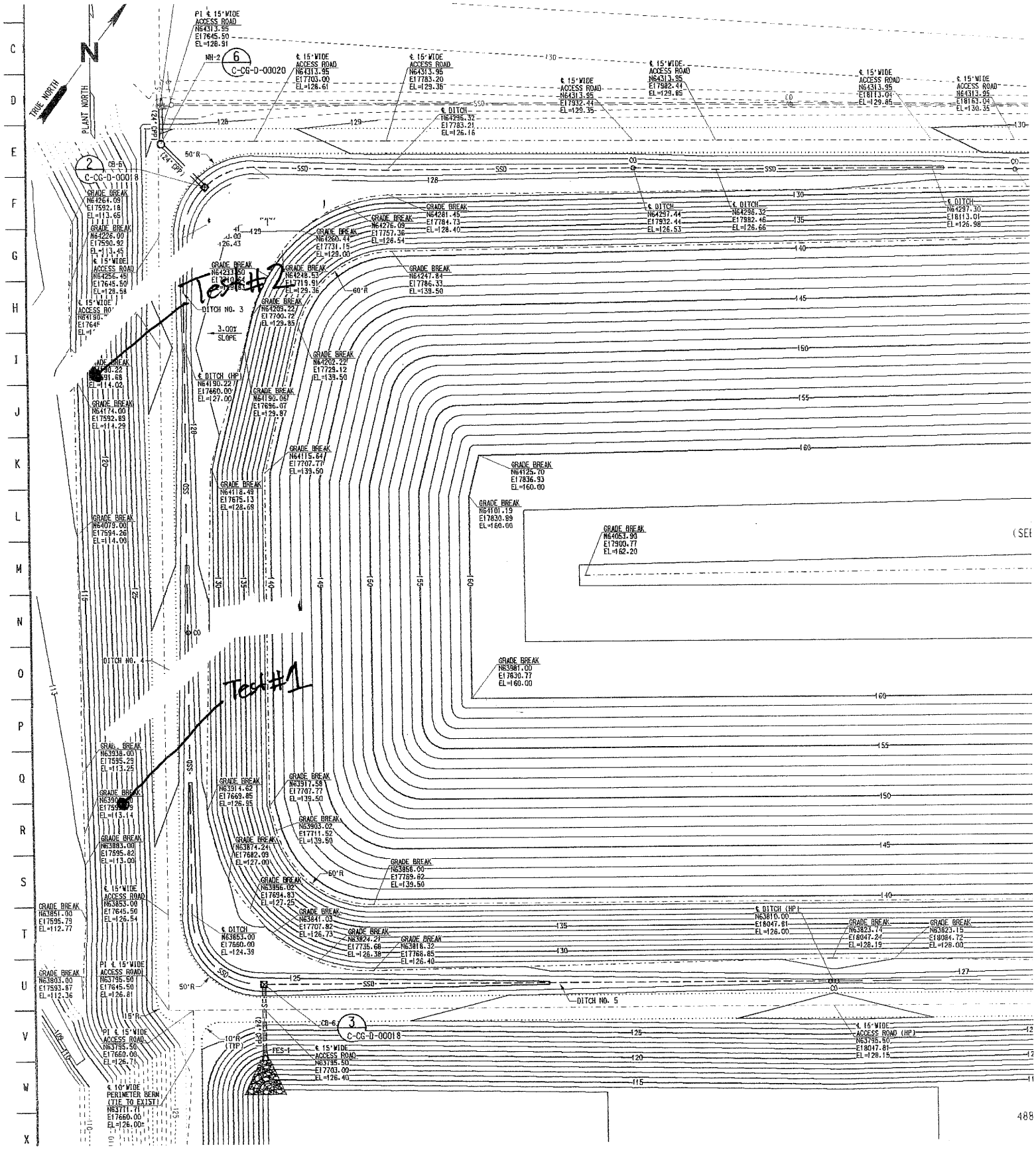
Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-FF11		
Date Issued:	August 17, 2015		
Date & Time of Test:	August 14, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2						
Course Level	5th lift							
Area to Be	Fill							
Dry Density In-Place	113.3	112.9						
% Proctor Density	98.2	97.8						
Moisture Content	15.8	15.5						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

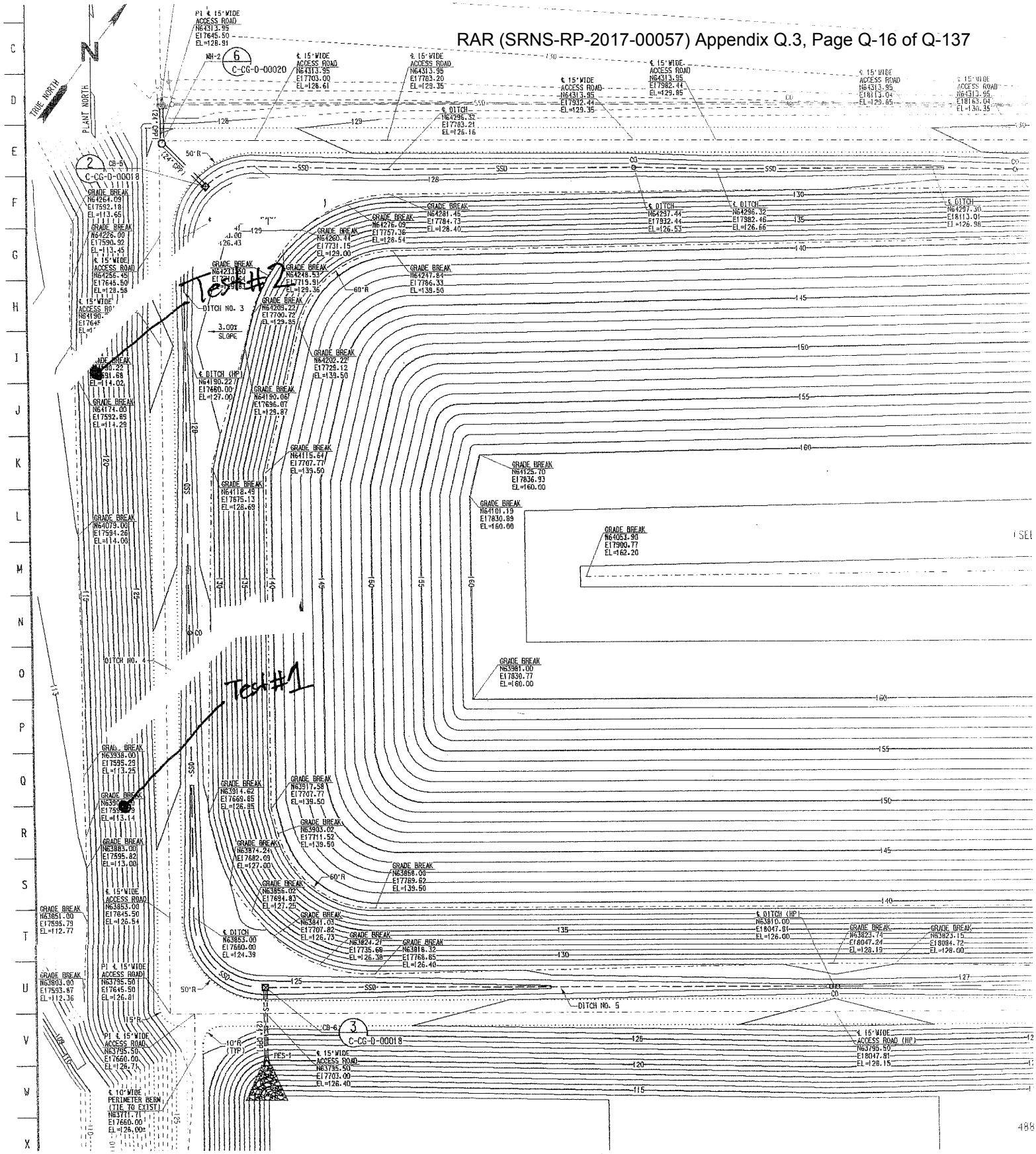
Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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T15-E#11



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Report No.:	T15-FF40
Date Issued:	August 24, 2015
Date & Time of Test:	August 17, 2015 (PM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2						
Course Level	6th lift							
Area to Be	Landfill slope							
Dry Density In-Place	109.7	112.7						
% Proctor Density	95.1	97.7						
Moisture Content	14.5	15.1						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. South end of west outer boundary
2. North end of west outer boundary

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-FF41		
Date Issued:	August 24, 2015		
Date & Time of Test:	August 18, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2						
Course Level	7th lift							
Area to Be	Landfill slope							
Dry Density In-Place	111.4	113.2						
% Proctor Density	96.5	98.1						
Moisture Content	13.8	12.9						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. North end of west outer boundary
2. Center of west outer boundary

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-FF76		
Date Issued:	August 24, 2015		
Date & Time of Test:	August 20, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 124.6 pcf / 12.4% (mod.)

Test No.	1	2						
Course Level	8th lift							
Area to Be	Landfill slope							
Dry Density In-Place	122.2	119.5						
% Proctor Density	98.1	95.9						
Moisture Content	12.8	13.2						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. South end of west slope area
2. Center of west slope area

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E./ Reviewer

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Report No.:	T15-HH56FD
Date Issued:	September 3, 2015
Date & Time of Test:	August 25, 2015 (AM & PM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand/*Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)/*124.6 pcf / 12.4% (mod.)

Test No.	1	2	*3	*4	*5	*6		
Course Level	1st lift	2nd lift	9th lift		10th lift			
Area to Be	West boundary fill							
Dry Density In-Place	109.9	106.6	118.8	119.2	119.1	118.6		
% Proctor Density	95.2	92.4	95.3	95.7	95.6	95.2		
Moisture Content	16.9	20.6	14.4	14.9	15.1	14.8		
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0		
Conformance	✓	✓	✓	✓	✓	✓		
Non Conformance								
Sand Cone								

Locations:
1. North slope of west boundary - center
2. North slope of west boundary - center
3. West boundary - north end
4. West boundary - south end
5. West boundary - center
6. West boundary - south end

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-HH55FD		
Date Issued:	September 3, 2015		
Date & Time of Test:	August 26, 2015 (AM & PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2	3					
Course Level	2nd lift	11th lift						
Area to Be	West boundary fill							
Dry Density In-Place	106.8	112.6	112.1					
% Proctor Density	92.5	97.6	97.1					
Moisture Content	18.1	15.7	15.4					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. North slope of west boundary - center
2. West boundary - north end
3. West boundary - center

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-NN79		
Date Issued:	October 26, 2015		
Date & Time of Test:	October 20, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Light Tan Silty Sand

Proctor Density-Optimum Moisture: 116.5 pcf / 8.0% (mod.)

Test No.	1	2						
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	106.0	105.1						
% Proctor Density	91.0	90.2						
Moisture Content	13.2	13.5						
% Compaction Required	95.0	95.0%						
Conformance								
Non Conformance	✓	✓						
Sand Cone								

Locations: 1. 2D/4D road at 0+80
2. 2D/4D rod at 1+30

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-NN85		
Date Issued:	October 26, 2015		
Date & Time of Test:	October 22, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Light Tan Silty Sand

Proctor Density-Optimum Moisture: 116.5 pcf / 8.0% (mod.)

Test No.	1	2	3	4				
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	112.8	113.1	113.5	113.2				
% Proctor Density	96.8	97.1	97.4	97.2				
Moisture Content	8.4	8.7	8.4	8.4				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations:
1. 2D/4D road at 0+75
2. 2D/4D road at 1+15
3. 2D/4D road at 2+00
4. 2D/4D road at 3+10

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-QQ87		
Date Issued:	November 20, 2015		
Date & Time of Test:	November 17, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5	6		
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	113.8	114.3	114.8	113.6	114.3	113.8		
% Proctor Density	96.8	97.2	97.6	96.6	97.2	96.8		
Moisture Content	7.5	8.6	8.0	7.5	7.5	7.5		
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0		
Conformance	✓	✓	✓	✓	✓	✓		
Non Conformance								
Sand Cone								

Locations:
1. 2D/4D road at 5+50
2. 2D/4D road at 6+50
3. 2D/4D road at 7+50
4. 2D/4D road at 8+50
5. 2D/4D road at 9+50
6. 2D/4D road at 10+50

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-TT02FD		
Date Issued:	December 8, 2015		
Date & Time of Test:	December 1, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1							
Course Level	2nd lift							
Area to Be	Fill							
Dry Density In-Place	113.4							
% Proctor Density	96.4							
Moisture Content	9.2							
% Compaction Required	95.0							
Conformance	✓							
Non Conformance								
Sand Cone								

Locations: 1. 2D/4D road at 1+00

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-TT94		
Date Issued:	December 14, 2015		
Date & Time of Test:	December 9, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Slightly Silty Clay/*Tan Silty Sand

Proctor Density-Optimum Moisture: 125.7 pcf / 11.1% (mod.)/*117.6 pcf / 8.7% (mod.)

Test No.	1	*2	*3	*4	*5	*6		
Course Level	130.0	2nd lift						
Area to Be	Fill	Roadway						
Dry Density In-Place	122.9	113.5	114.1	113.1	112.9	114.3		
% Proctor Density	97.8	96.5	97.0	96.2	96.0	97.2		
Moisture Content	11.8	9.5	9.8	9.5	9.5	9.3		
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0		
Conformance	✓	✓	✓	✓	✓	✓		
Non Conformance								
Sand Cone								

Locations:
1. Area 4 backfill
2. 2D/4D road at 1+00
3. 2D/4D road at 4+00
4. 2D/4D road at 7+00
5. 2D/4D road at 10+00
6. 2D/4D road at 13+00

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, R.E., Reviewer

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Report No.:	T15-MM31		
Date Issued:	October 19, 2015		
Date & Time of Test:	October 14, 2015 (12:00 PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Light Tan Silty Sand/*Reddish-Tan Silty Sandy Clay

Proctor Density-Optimum Moisture: 116.5 pcf / 8.0% (std.)/*112.8 pcf / 13.6% (mod.)

Test No.	*1	2						
Course Level	1st lift	2nd lift						
Area to Be	Fill							
Dry Density In-Place	113.7	109.6						
% Proctor Density	97.6	97.2						
Moisture Content	8.0	14.5						
% Compaction Required	95.0	95.0%						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations:
1. Area 6 common backfill
2. Area 6 clay berm backfill

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-MM82		
Date Issued:	October 20, 2015		
Date & Time of Test:	October 15, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Overcast and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Silty Sandy Clay/*Light Tan Silty Sand

Proctor Density-Optimum Moisture: 112.8 pcf / 13.6% (mod.)/*116.5 pcf / 8.0% (mod.)

Test No.	*1	2	3					
Course Level	3rd lift	2nd lift	3rd lift					
Area to Be	Fill							
Dry Density In-Place	109.6	112.4	113.2					
% Proctor Density	97.2	96.5	97.2					
Moisture Content	14.5	8.6	8.3					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. Area 6 clay berm backfill
2. Area 6 common fill area
3. Area 6 commons fill area

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-NN48
Date Issued:	October 23, 2015
Date & Time of Test:	October 19, 2015 (AM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Silty Sandy Clay/*Light Tan Silty Sand

Proctor Density-Optimum Moisture: 112.8 pcf / 13.6% (mod.)/*116.5 pcf / 8.0% (mod.)

Test No.	1	2	*3	*4				
Course Level	4th lift	5th lift	4th lift	5th lift				
Area to Be	Fill							
Dry Density In-Place	109.9	110.8	113.8	114.8				
% Proctor Density	97.4	98.2	97.7	98.5				
Moisture Content	14.0	13.8	8.5	8.3				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations:
1. Area 6 clay berm fill
2. Area 6 clay berm fill
3. Area 6 common fill
4. Area 6 common fill

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-HH60FD		
Date Issued:	September 9, 2015		
Date & Time of Test:	September 2, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand/*Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)/*124.6 pcf / 12.4% (mod.)

Test No.	1	2	*3	*4	*5	*6	7	
Course Level	2nd lift	3rd lift	12th lift		13th lift		1st lift	
Area to Be	Basin fill							
Dry Density In-Place	111.0	111.5	119.7	118.7	119.4	119.7	111.1	
% Proctor Density	96.2	96.6	96.1	95.3	95.8	96.1	96.3	
Moisture Content	16.0	15.8	14.6	14.1	13.9	13.5	14.3	
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
Conformance	✓	✓	✓	✓	✓	✓	✓	
Non Conformance								
Sand Cone								

Locations:
1. West boundary - north slope
2. West boundary - north slope
3. West boundary - center
4. West boundary - south end
5. West boundary - north end
6. West boundary - center
7. Area no. 4

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-II93		
Date Issued:	September 14, 2015		
Date & Time of Test:	September 3, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Silty Sandy Clay

Proctor Density-Optimum Moisture: 112.8 pcf / 13.6% (mod.)

Test No.	1	2	3					
Course Level	14th lift							
Area to Be	Basin fill							
Dry Density In-Place	108.4	108.6	108.1					
% Proctor Density	96.1	96.3	95.8					
Moisture Content	14.0	14.2	14.7					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. West boundary - north end
2. West boundary - center
3. West boundary - south end

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-KK50		
Date Issued:	September 25, 2015		
Date & Time of Test:	September 23, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	4	5	6					
Course Level	14' of fill							
Area to Be	Fill							
Dry Density In-Place	112.0	112.2	112.8					
% Proctor Density	99.3	99.5	100.0					
Moisture Content	14.0	14.0	14.2					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

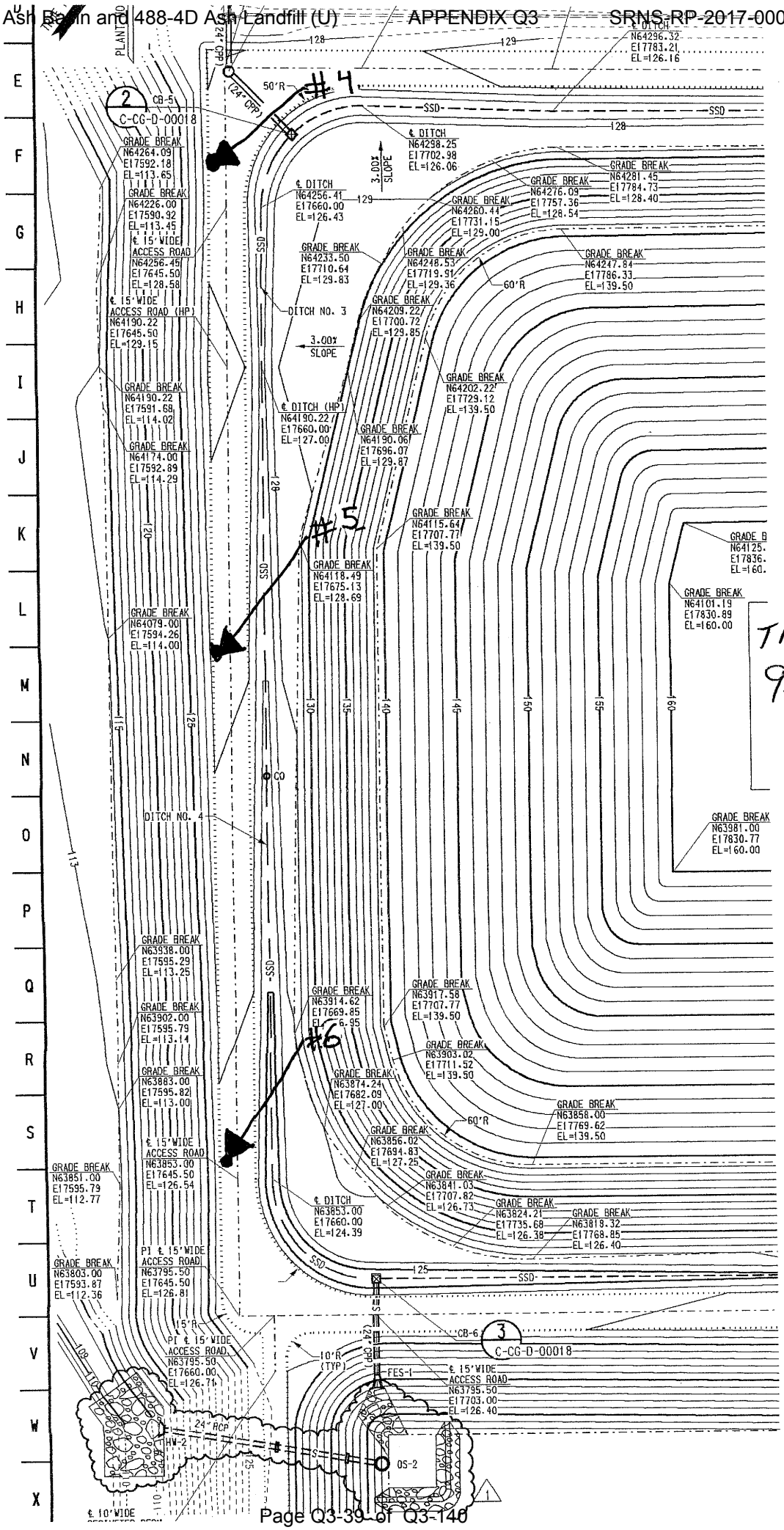
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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#4
#5
#6
CB-5
C-CG-D-00018
CB-6
C-CG-D-00018
DITCH NO. 3
DITCH NO. 4
3.00% SLOPE
50'R
60'R
15'R
10'R (TYP)
24" RCP
HW-2
OS-2
FES-1
SSD
CO
GRADE BREAK
N64264.09
E17592.18
EL=113.65
GRADE BREAK
N64226.00
E17590.92
EL=113.45
℄ 15' WIDE ACCESS ROAD
N64256.45
E17645.50
EL=128.58
℄ 15' WIDE ACCESS ROAD (HP)
N64190.22
E17645.50
EL=129.15
GRADE BREAK
N64190.22
E17591.68
EL=114.02
GRADE BREAK
N64174.00
E17592.89
EL=114.29
GRADE BREAK
N64079.00
E17594.26
EL=114.00
GRADE BREAK
N63938.00
E17595.29
EL=113.25
GRADE BREAK
N63902.00
E17595.79
EL=113.14
GRADE BREAK
N63883.00
E17595.82
EL=113.00
℄ 15' WIDE ACCESS ROAD
N63853.00
E17645.50
EL=126.54
GRADE BREAK
N63851.00
E17595.79
EL=112.77
GRADE BREAK
N63803.00
E17593.87
EL=112.36
P1 ℄ 15' WIDE ACCESS ROAD
N63795.50
E17645.50
EL=126.81
P1 ℄ 15' WIDE ACCESS ROAD
N63795.50
E17660.00
EL=126.74
℄ DITCH
N64256.41
E17660.00
EL=126.43
GRADE BREAK
N64233.50
E17710.64
EL=129.83
℄ DITCH (HP)
N64190.22
E17660.00
EL=127.00
℄ DITCH
N64298.25
E17702.98
EL=126.06
GRADE BREAK
N64209.22
E17700.72
EL=129.85
GRADE BREAK
N64190.06
E17696.07
EL=129.87
GRADE BREAK
N64118.49
E17675.13
EL=128.69
GRADE BREAK
N64115.64
E17707.77
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GRADE BREAK
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E17594.26
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GRADE BREAK
N63914.62
E17669.85
EL=126.95
GRADE BREAK
N63874.24
E17682.09
EL=127.00
GRADE BREAK
N63856.02
E17694.83
EL=127.25
℄ DITCH
N63853.00
E17660.00
EL=124.39
GRADE BREAK
N64260.44
E17731.15
EL=129.00
GRADE BREAK
N64248.53
E17719.91
EL=129.36
GRADE BREAK
N64202.22
E17729.12
EL=139.50
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N64276.09
E17757.36
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N64247.84
E17786.33
EL=139.50
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N64125.
E17836.
EL=160.
GRADE BREAK
N64101.19
E17830.89
EL=160.00
GRADE BREAK
N63981.00
E17830.77
EL=160.00
GRADE BREAK
N63917.58
E17707.77
EL=139.50
GRADE BREAK
N63903.02
E17711.52
EL=139.50
GRADE BREAK
N63858.00
E17769.62
EL=139.50
GRADE BREAK
N63841.03
E17707.82
EL=126.73
GRADE BREAK
N63824.21
E17735.68
EL=126.38
GRADE BREAK
N63819.32
E17768.85
EL=126.40
℄ 15' WIDE ACCESS ROAD
N63795.50
E17703.00
EL=126.40
DITCH
N64296.32
E17783.21
EL=126.16

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Report No.:	T15-II91		
Date Issued:	September 14, 2015		
Date & Time of Test:	September 8, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.4 pcf / 14.9% (mod.)

Test No.	1	2	3					
Course Level	15th lift							
Area to Be	Basin fill							
Dry Density In-Place	109.9	110.8	113.6					
% Proctor Density	95.3	96.0	98.4					
Moisture Content	17.2	17.0	16.0					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. West boundary - north end
2. West boundary - center
3. West boundary - south end

Serial No. of Troxler: 65585

David Turner, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T15-KK14		
Date Issued:	September 22, 2015		
Date & Time of Test:	September 21, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	1	2						
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	115.2	115.7						
% Proctor Density	97.4	97.8						
Moisture Content	11.5	11.0						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

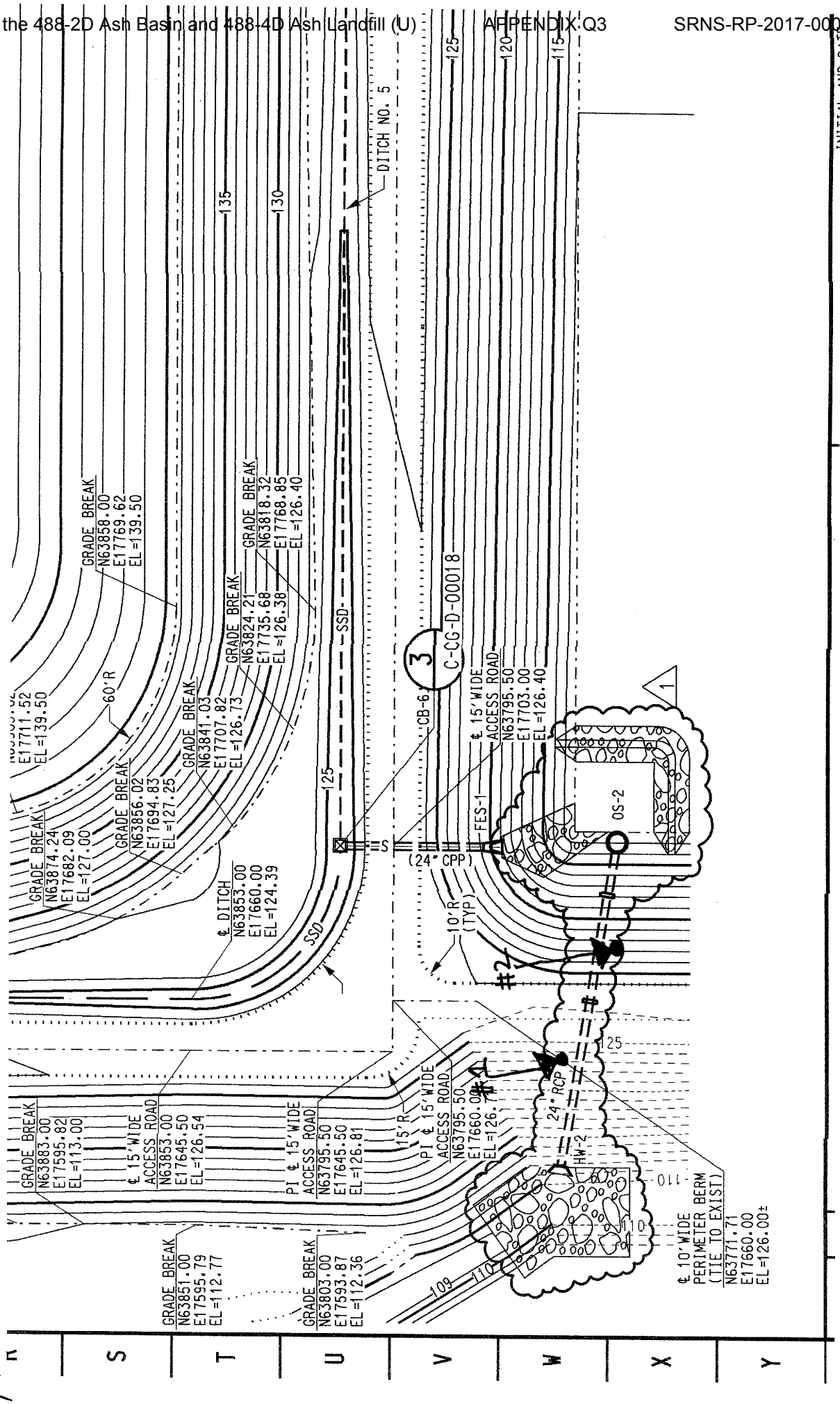
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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9-21-15
CJ
15-KK14

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Report No.:	T15-KK15		
Date Issued:	September 22, 2015		
Date & Time of Test:	September 21, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	3	4	5					
Course Level	2nd lift		3rd lift					
Area to Be	Fill							
Dry Density In-Place	115.9	116.2	115.0					
% Proctor Density	98.0	98.2	97.2					
Moisture Content	11.8	11.5	11.3					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

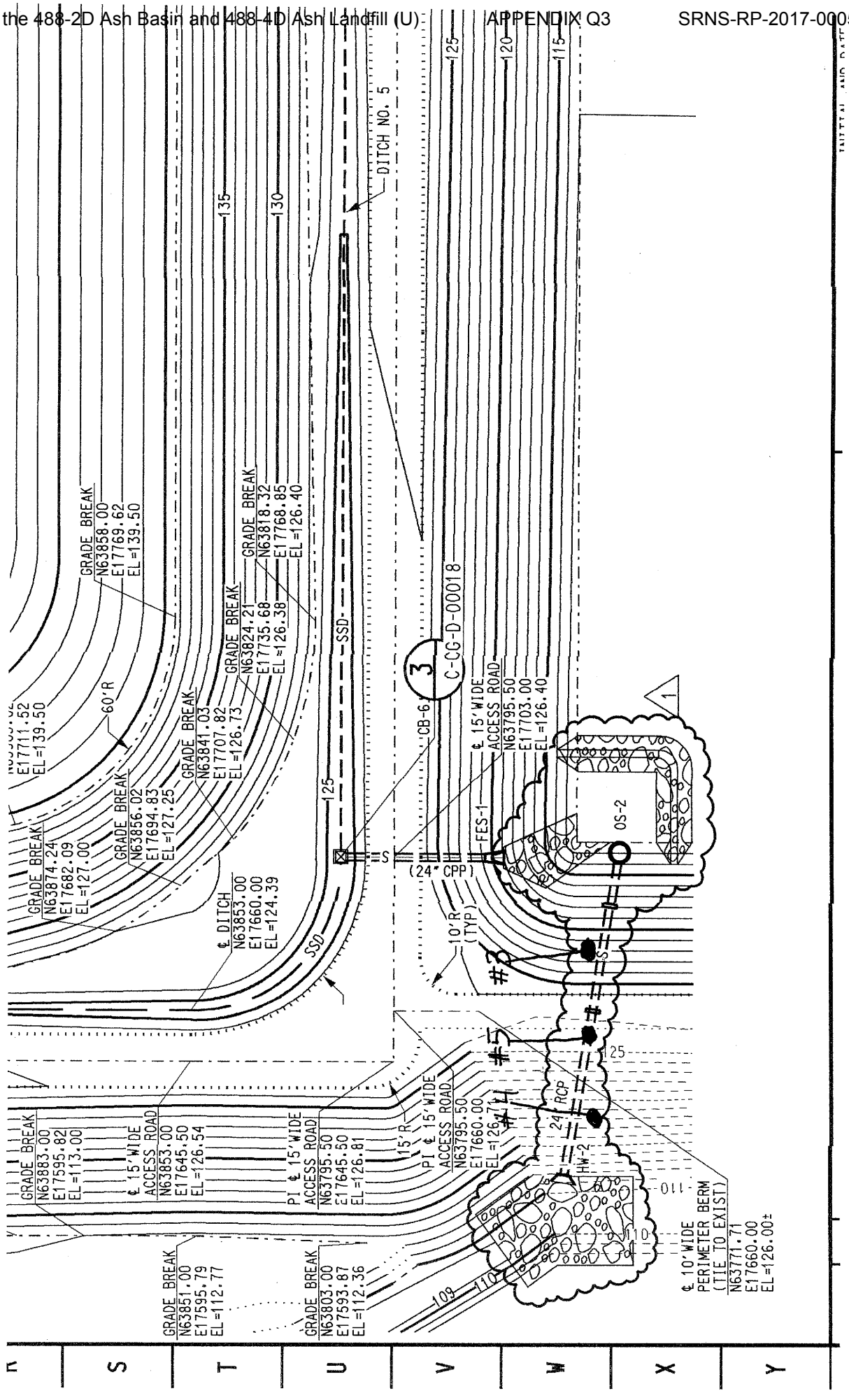
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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9-21-15
15-PKG 5

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Report No.:	T15-KK51		
Date Issued:	September 25, 2015		
Date & Time of Test:	September 23, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	1	2	3					
Course Level	4th lift	5th lift	6th lift					
Area to Be	Fill							
Dry Density In-Place	116.2	115.6	116.6					
% Proctor Density	98.2	97.7	98.6					
Moisture Content	11.3	11.5	11.3					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

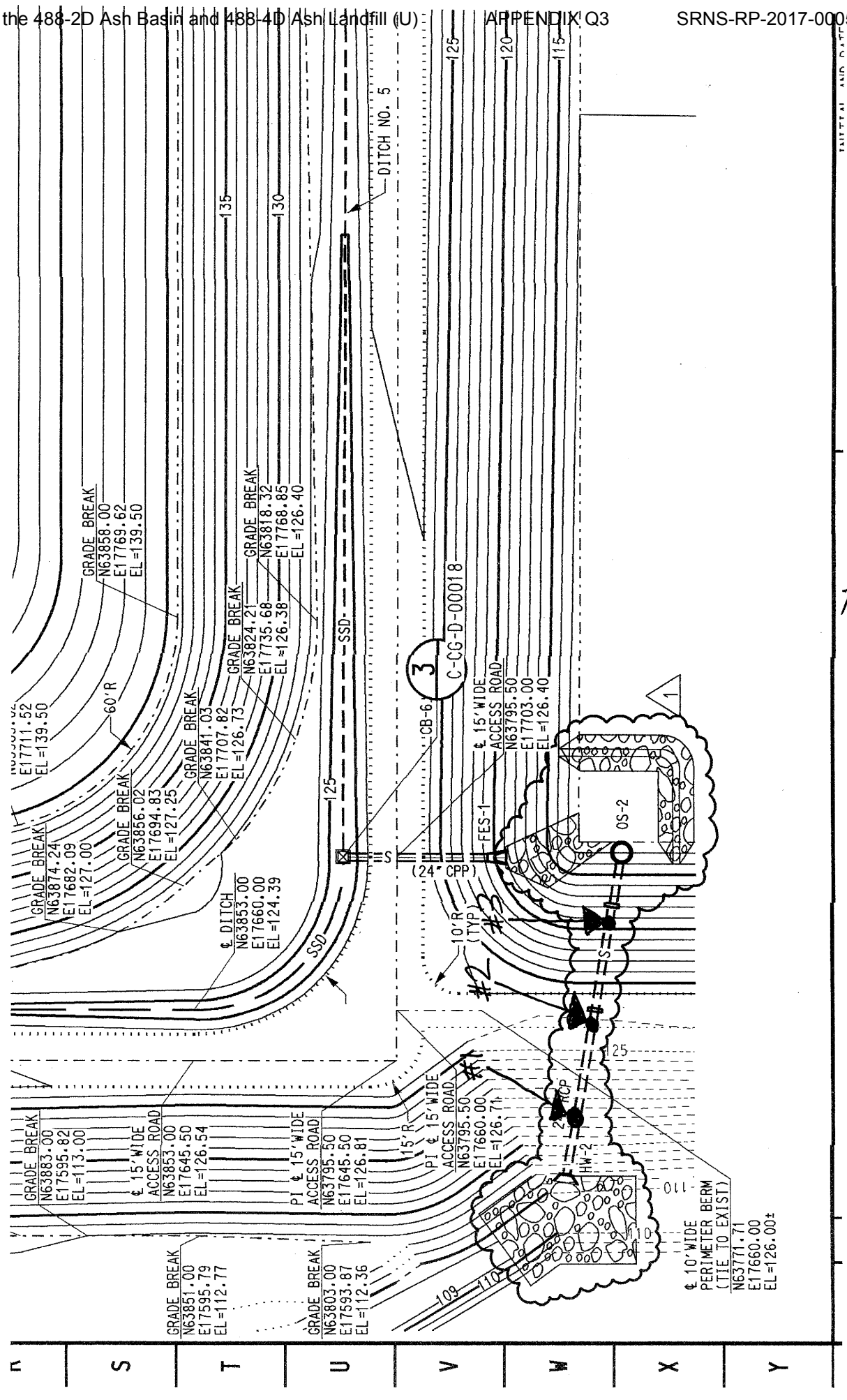
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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T15-KK51
9-23-15

9-23-15
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Report No.:	T16-B39		
Date Issued:	January 20, 2016		
Date & Time of Test:	January 14, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2						
Course Level	3rd lift							
Area to Be	Roadway							
Dry Density In-Place	112.8	113.8						
% Proctor Density	99.1	100.0						
Moisture Content	8.5	8.8						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations:
1. 2D road sta. 11+50
2. 2D road sta. 14+55

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E./Reviewer

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(706) 733-6960
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Report No.:	T16-B74		
Date Issued:	January 20, 2016		
Date & Time of Test:	January 12, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5			
Course Level	4th lift							
Area to Be	Roadway							
Dry Density In-Place	110.8	110.6	110.4	110.0	109.6			
% Proctor Density	97.4	97.2	97.0	96.7	96.3			
Moisture Content	8.3	7.5	7.5	8.0	7.5			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

Locations:
1. 2D/4D road sta. 1+25
2. 2D/4D road sta. 4+25
3. 2D/4D road sta. 7+25
4. 2D/4D road sta. 8+50
5. 2D/4D road sta. 10+25

Serial No. of Troxler: 38248

Chris Lowry Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-B45
Date Issued:	January 20, 2016
Date & Time of Test:	January 13, 2016 (PM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2	3					
Course Level	5th lift							
Area to Be	Roadway							
Dry Density In-Place	113.4	113.8	113.0					
% Proctor Density	99.6	100.0	99.2					
Moisture Content	8.2	8.4	9.4					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. 200' east of Area 4
2. 400' east of Area 4
3. 300' from previous test - 2D road

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-A35		
Date Issued:	January 8, 2016		
Date & Time of Test:	January 7, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5			
Course Level	3rd lift							
Area to Be	Roadway							
Dry Density In-Place	113.3	113.1	113.7	113.6	113.9			
% Proctor Density	99.5	99.3	99.9	99.8	100.1			
Moisture Content	7.7	6.8	7.6	7.5	8.1			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

Locations:
1. 200' east of Area 4 - 2D Road
2. 400' east of Area 4 - 2D Road
3. 300' from previous test - 2D Road
4. 150' from previous test - 2D Road
5. East of 2D Road

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-H28		
Date Issued:	March 2, 2016		
Date & Time of Test:	February 26, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	1	2	3	4	5			
Course Level	123.00	8th lift	6th lift					
Area to Be	Fill							
Dry Density In-Place	111.8	112.5	112.1	111.6	111.8			
% Proctor Density	97.0	97.6	97.2	96.8	97.0			
Moisture Content	15.0	14.6	15.2	15.5	15.5			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

Locations:
1. Area 4
2. Area 6 & 7
3. 2D road at 6+00
4. 2D road at 9+00
5. 2D road at 12+00

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-F46		
Date Issued:	February 16, 2016		
Date & Time of Test:	February 12, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Slightly Silty Clay

Proctor Density-Optimum Moisture: 125.7 pcf / 11.1% (mod.)

Test No.	1	2	3					
Course Level	1st lift	2nd lift	3rd lift					
Area to Be	Fill							
Dry Density In-Place	120.9	121.9	121.7					
% Proctor Density	96.2	97.0	96.8					
Moisture Content	12.5	12.8	12.5					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. Hill 6 & 7 clay berm
2. Hill 6 & 7 clay berm
3. Hill 6 & 7 clay berm

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-G26		
Date Issued:	February 22, 2016		
Date & Time of Test:	February 13, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Brownish-Tan Silty Sand

Proctor Density-Optimum Moisture: 120.1 pcf / 8.7% (mod.)

Test No.	1	2						
Course Level	125.00	122.00						
Area to Be	Fill							
Dry Density In-Place	118.1	116.5						
% Proctor Density	98.3	97.0						
Moisture Content	10.0	9.4						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 1. Area 6 & 7
2. Area 4

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.: T16-F82 (Page 1 of 2)
Date Issued: February 18, 2016
Date & Time of Test: February 15, 2016 (AM)

Client: Envirocon, Inc. **Address:** Missoula, Montana
Project Title: 488-4D Ash Landfill Closure **Location:** Savannah River Site, Aiken Co., SC
Project No.: C-SPP-D-00002 **SRNS PO#:** 196912
Weather: Sunny and Cool **Activity:** **Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Coarse Sand/*Reddish-Brown Slightly Silty Clay

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (std.)/*125.7 pcf / 11.1% (mod.)

Test No.	*1	2	3	4	5	6	7	8
Course Level	119.0	5th lift	6th lift	5th lift				
Area to Be	Fill							
Dry Density In-Place	121.7	111.0	110.4	109.8	111.1	110.8	109.9	110.4
% Proctor Density	96.8	97.5	97.0	96.5	97.6	97.4	96.6	97.0
Moisture Content	12.4	9.3	9.5	9.5	9.8	9.8	9.4	9.8
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations:
1. Area 6 & 7 clay berm
2. Area 6 & 7
3. Area 6 & 7
4. 2D Road at 0+00
5. 2D Road at 3+00
6. 2D Road at 6+00
7. 2D Road at 9+00
8. 2D Road at 12+00

Serial No. of Troxler: 38248

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Report No.:	T16-F82 (Page 2 of 2)		
Date Issued:	February 18, 2016		
Date & Time of Test:	February 15, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Coarse Sand/*Reddish-Brown Slightly Silty Clay

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (std.)/*125.7 pcf / 11.1% (mod.)

Test No.	9	10						
Course Level	122.0	1st lift						
Area to Be	Fill							
Dry Density In-Place	109.5	109.0						
% Proctor Density	96.2	95.8						
Moisture Content	9.3	10.0						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: 9. Area 4 backfill
10. Area 9 backfill

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-G47		
Date Issued:	February 23, 2016		
Date & Time of Test:	February 17, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2	3	4				
Course Level	7th lift	2nd lift	3rd lift	4th lift				
Area to Be	Fill							
Dry Density In-Place	111.1	110.2	110.8	109.8				
% Proctor Density	97.6	96.8	97.4	96.5				
Moisture Content	9.3	9.7	9.3	10.0				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations:
1. Area 6 & 7
2. Area 9 center
3. Area 9 center
4. Area 9 center

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Report No.:	T16-G28		
Date Issued:	February 23, 2016		
Date & Time of Test:	February 18, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Cool	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Coarse Sand

Proctor Density-Optimum Moisture: 113.8 pcf / 8.7% (mod.)

Test No.	1	2	3					
Course Level	124.00	6th lift	7th lift					
Area to Be	Fill							
Dry Density In-Place	112.6	113.0	111.9					
% Proctor Density	98.9	99.2	98.3					
Moisture Content	9.9	9.2	9.4					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

Locations:
1. Area 6 & 7
2. Sta. 0+00 2D Road
3. Sta. 0+00 2D Road

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

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Report No. T15-Q11

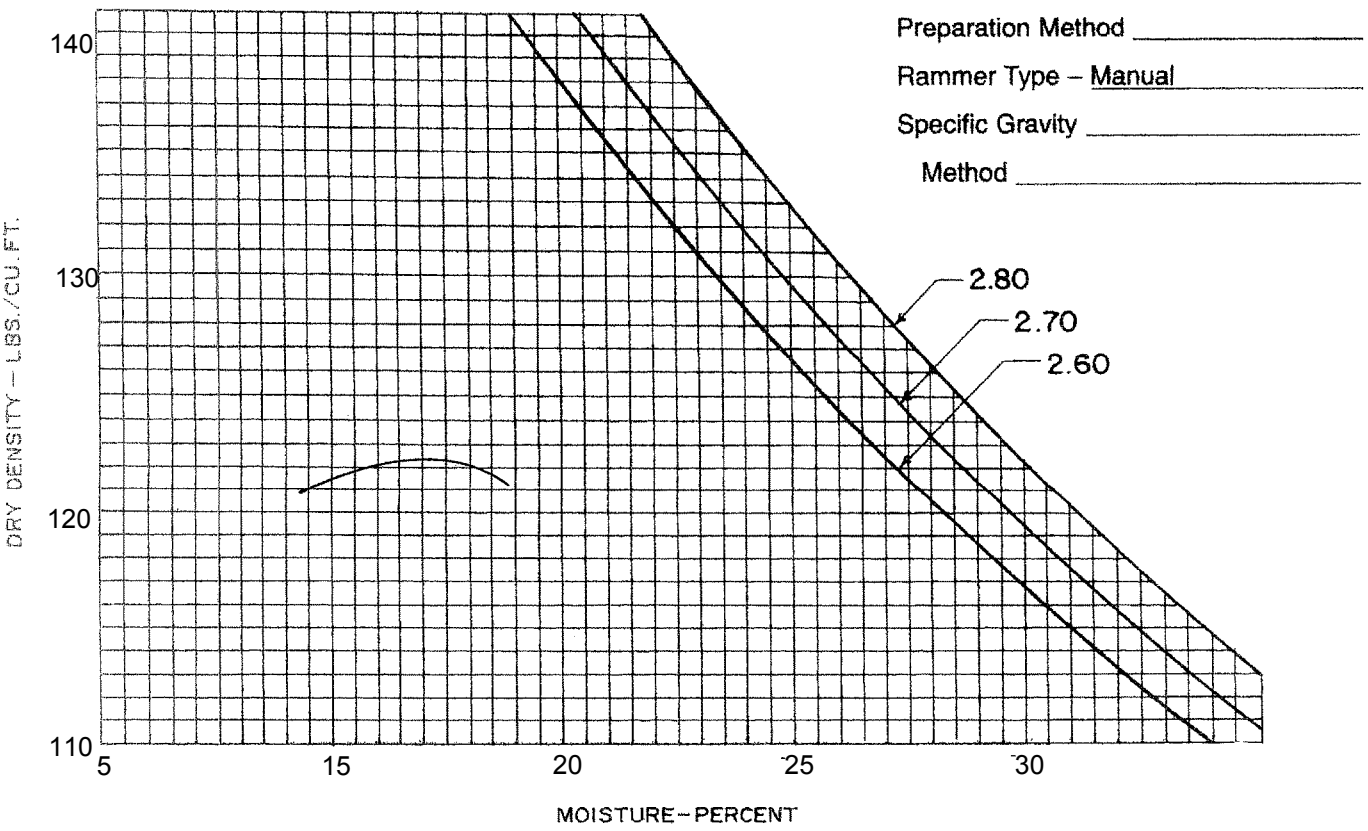
Date May 6, 2015

CLIENT: Envirocon, Inc. 488- D ADDRESS: Missoula, MT

PROJECT: Ash Landfill Closure LOCATION: Savannah River Site, Aiken County, SC
C-SPP-D-00002

SOIL PROCTOR TEST

Maximum Dry Density — 122.3 pcf
Optimum Moisture Content — 12.3%
Soil Description — Reddish-Tan Clayey Sand



ASTM D - 1557 , Method – A

Technician Derek Nelson

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Report No. T15-R43
Date Sampled May 13, 2015
Date of Test May 14, 2015
Date Issued May 14, 2015

CLIENT: Envirocon, Inc.
PROJECT: 488-4D Ash Landfill Closure, C-SPP-D-00002, SRNS PO# 196912
LOCATION: Savannah River Site, Aiken County, SC
SAMPLE NO.: 2 (Indigenous Materials)
REQUEST: **Gradation (ASTM D-422)**
SOIL DESCRIPTION: Reddish-Tan Clayey Sand

Sieve No.	% Passing
4	100.0%
10	99.0%
20	91.6%
40	71.4%
60	52.2%
140	29.4%
200	26.4%

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Report No.:	T15-Q75		
Date Issued:	May 12, 2015		
Date & Time of Test:	May 8, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	1	2	3	4				
Course Level	1' of fill		2' of fill					
Area to Be	Fill							
Dry Density In-Place	116.7	117.0	116.4	117.4				
% Proctor Density	95.4	95.7	95.2	96.0				
Moisture Content	14.6	14.4	15.0	14.5				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations: Please see attached map.

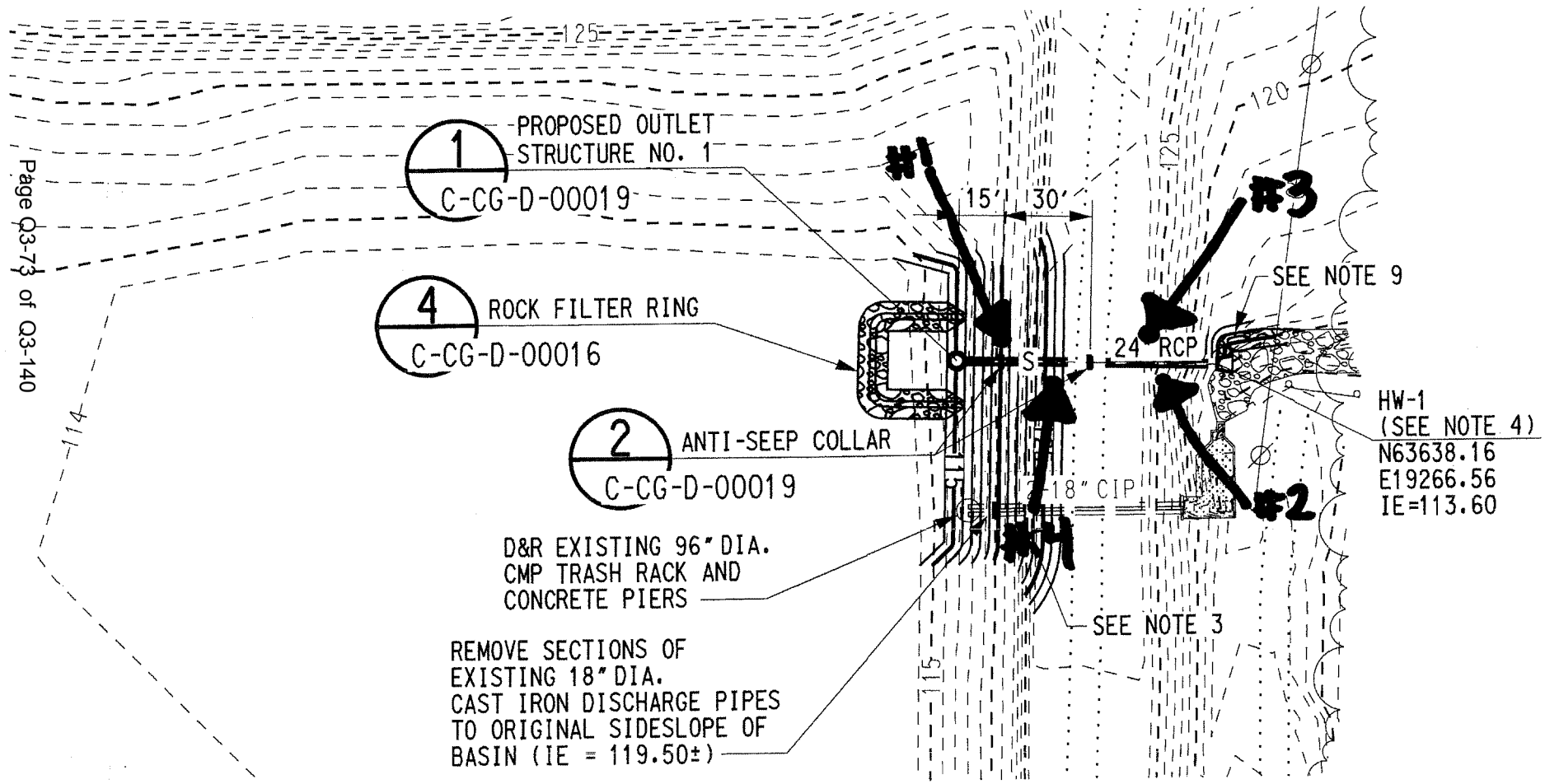
Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, PIEI, Reviewer

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Envirocon
5-8-15
C2
T15-Q75



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Report No.: T15-Q76 (Page 1 of 3)
Date Issued: May 12, 2015
Date & Time of Test: May 11, 2015 (AM)

Client: Envirocon, Inc.
Project Title: 488-4D Ash Landfill Closure
Project No.: C-SPP-D-00002
Weather: Sunny and Hot
Address: Missoula, Montana
Location: Savannah River Site, Aiken Co., SC
SRNS PO#: 196912
Activity: **Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	3' of fill		4' of fill		5' of fill		6' of fill	
Area to Be	Fill							
Dry Density In-Place	117.7	117.2	116.8	117.5	117.2	116.7	118.3	119.1
% Proctor Density	96.2	95.8	95.5	96.1	95.8	95.4	96.7	97.4
Moisture Content	14.3	13.7	13.5	13.6	13.2	13.5	14.8	14.6
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

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Report No.:	T15-Q76 (Page 2 of 3)		
Date Issued:	May 12, 2015		
Date & Time of Test:	May 11, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	9	10	11	12	13	14	15	16
Course Level	7' of fill		8' of fill		9' of fill		10' of fill	
Area to Be	Fill							
Dry Density In-Place	119.7	119.4	119.2	119.0	119.9	119.2	117.7	118.4
% Proctor Density	97.9	97.6	97.5	97.3	98.0	97.5	96.2	96.8
Moisture Content	14.8	15.2	14.5	14.3	14.7	14.7	14.4	14.3
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

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Report No.:	T15-Q76 (Page 3 of 3)
Date Issued:	May 12, 2015
Date & Time of Test:	May 11, 2015 (AM)

Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 122.3 pcf / 12.3% (mod.)

Test No.	17	18						
Course Level	11' of fill							
Area to Be	Fill							
Dry Density In-Place	120.2	119.4						
% Proctor Density	98.3	97.6						
Moisture Content	13.8	13.5						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

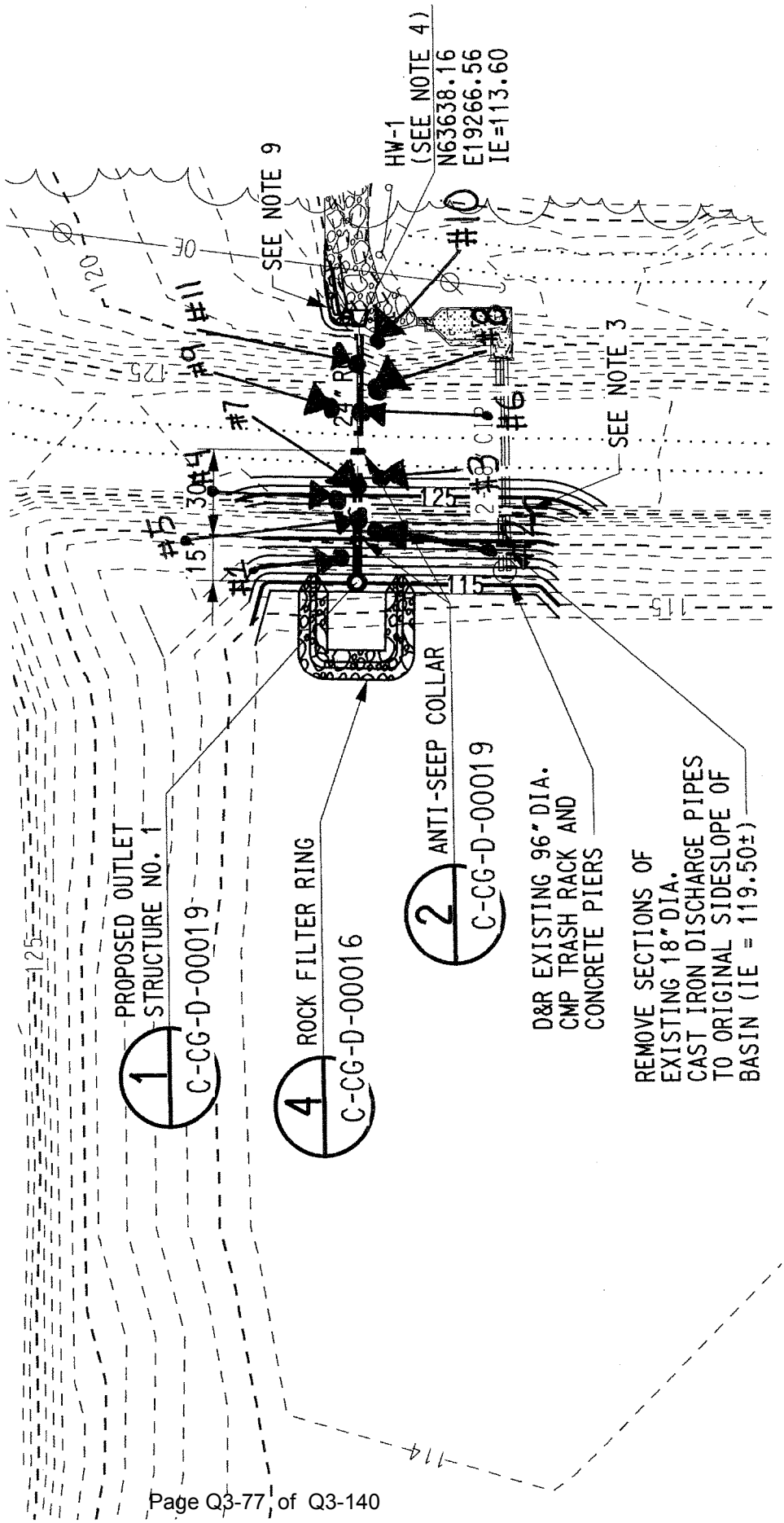
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

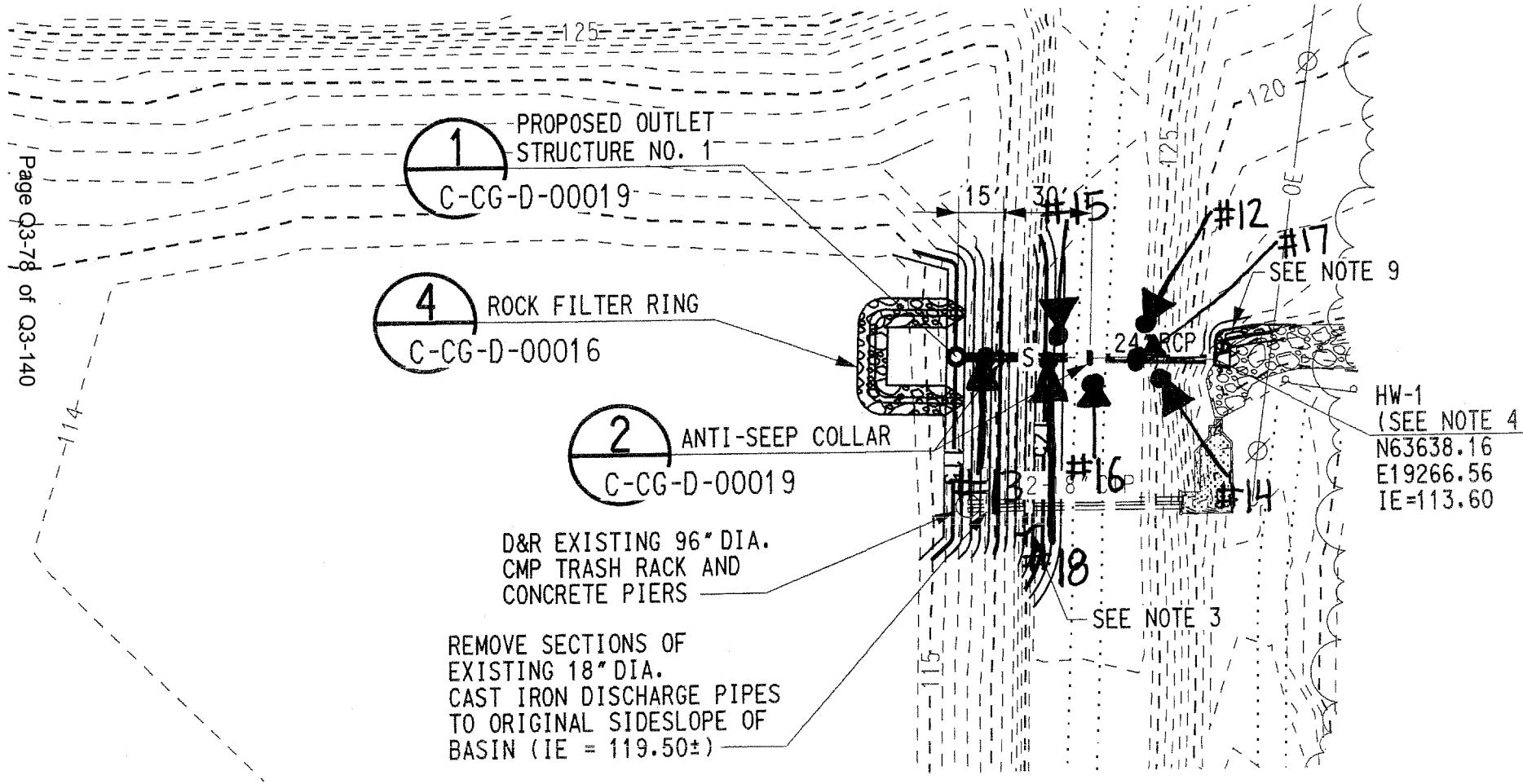
James M. Pope, P.E., Reviewer

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T15-Q76
5-11-15

T15-Q76
5-11-15



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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T15-KK14		
Date Issued:	September 22, 2015		
Date & Time of Test:	September 21, 2015 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	1	2						
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	115.2	115.7						
% Proctor Density	97.4	97.8						
Moisture Content	11.5	11.0						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

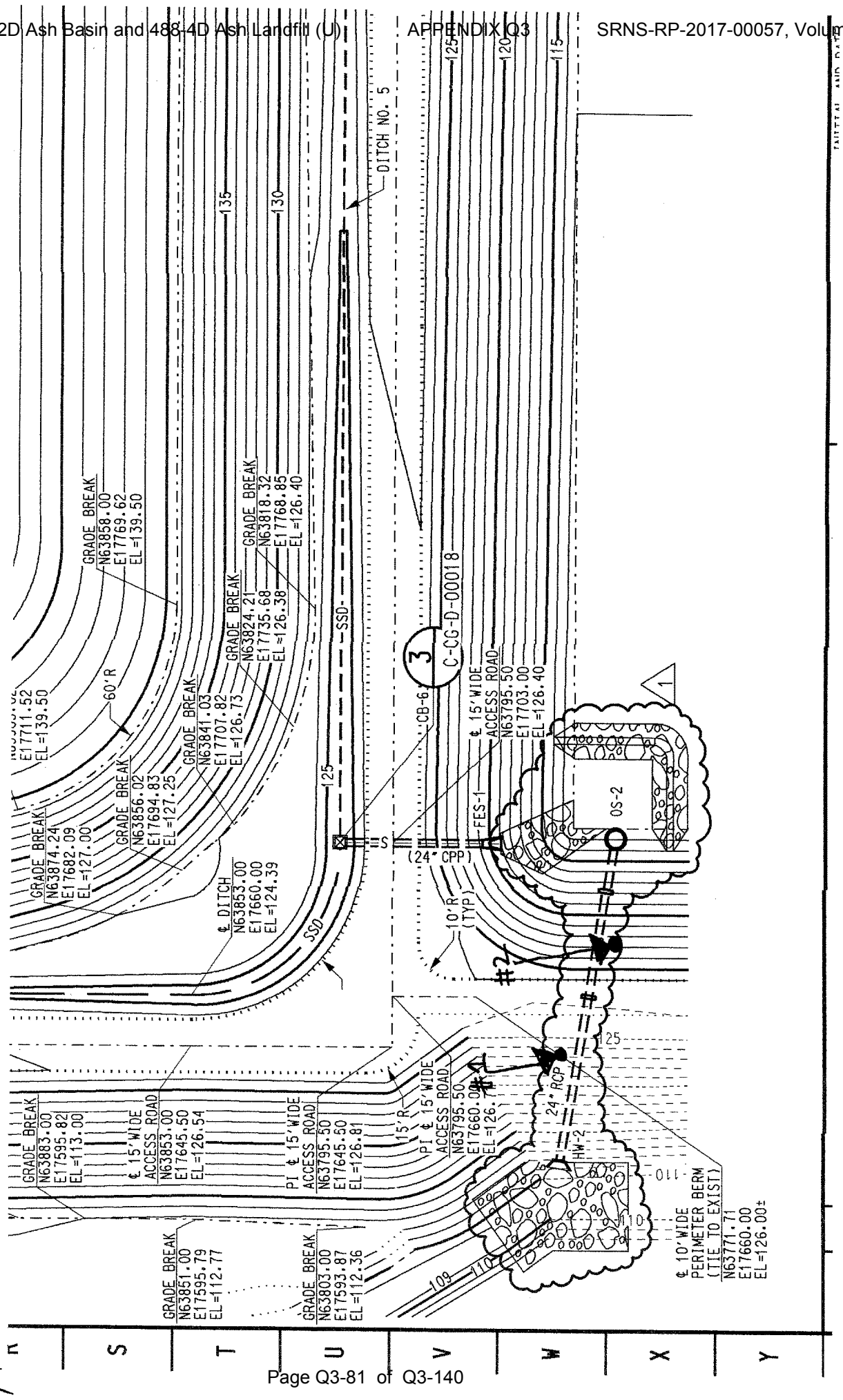
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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9-21-15
CF
115-K-14

csra TESTING AND ENGINEERING CO., INC.

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Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T15-KK15		
Date Issued:	September 22, 2015		
Date & Time of Test:	September 21, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	3	4	5					
Course Level	2nd lift		3rd lift					
Area to Be	Fill							
Dry Density In-Place	115.9	116.2	115.0					
% Proctor Density	98.0	98.2	97.2					
Moisture Content	11.8	11.5	11.3					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

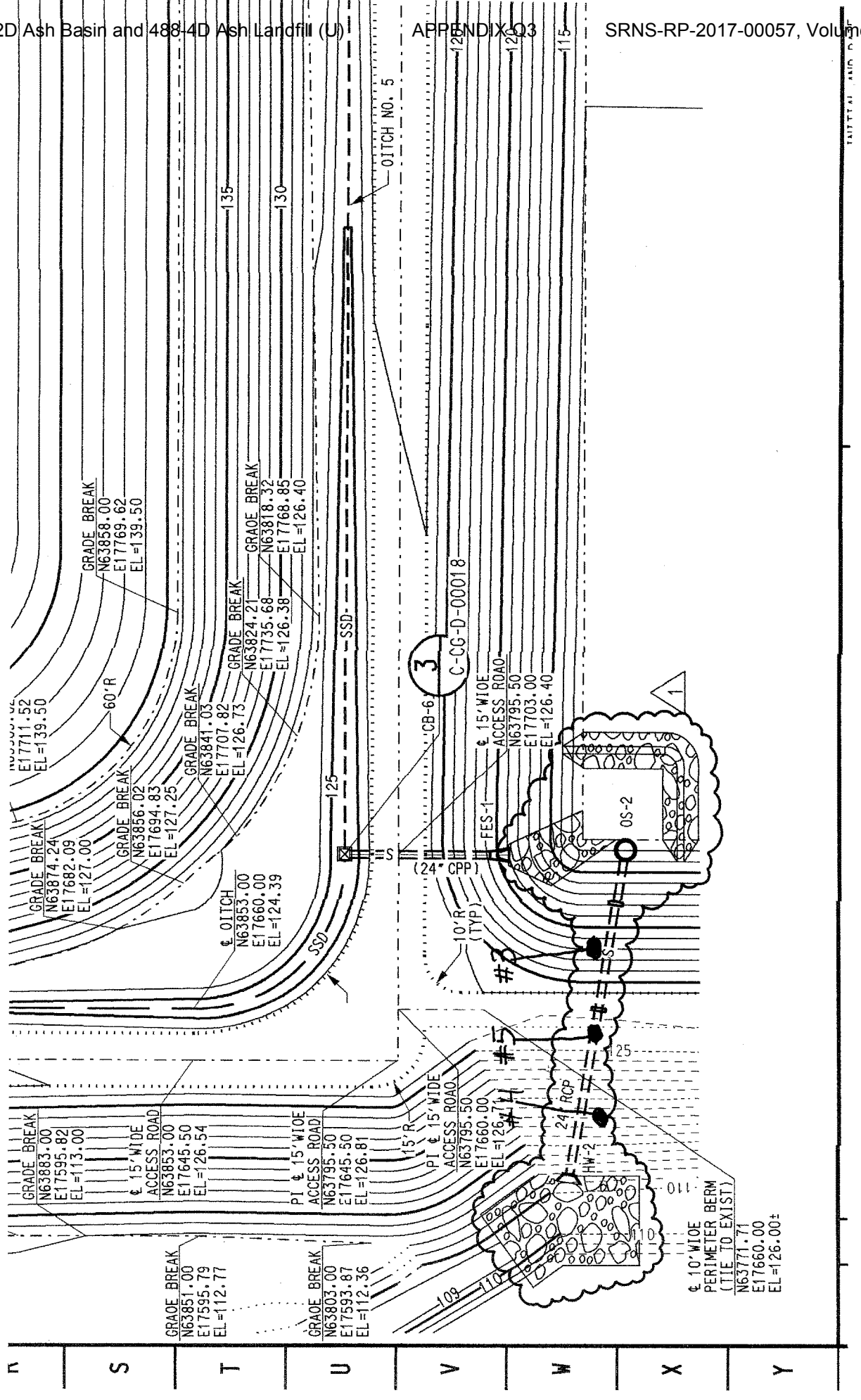
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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9-21-18
CG
15-KC15

csra TESTING AND ENGINEERING CO., INC.

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Augusta, Georgia 30904
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Fax (706) 737-0629

Report No.:	T15-KK51		
Date Issued:	September 25, 2015		
Date & Time of Test:	September 23, 2015 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Dark Brown Sandy Clay

Proctor Density-Optimum Moisture: 118.3 pcf / 10.5% (mod.)

Test No.	1	2	3					
Course Level	4th lift	5th lift	6th lift					
Area to Be	Fill							
Dry Density In-Place	116.2	115.6	116.6					
% Proctor Density	98.2	97.7	98.6					
Moisture Content	11.3	11.5	11.3					
% Compaction Required	95.0	95.0	95.0					
Conformance	✓	✓	✓					
Non Conformance								
Sand Cone								

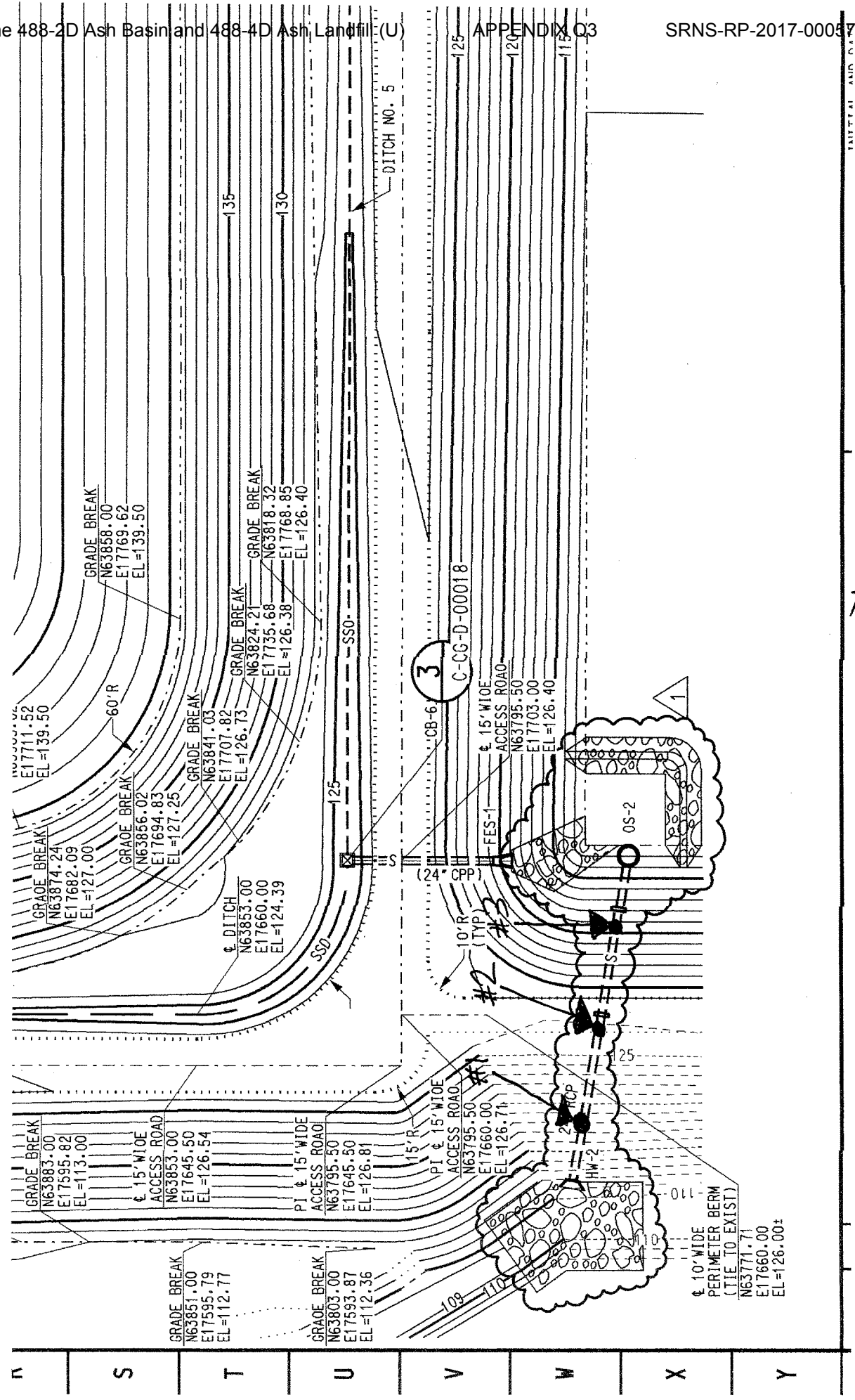
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

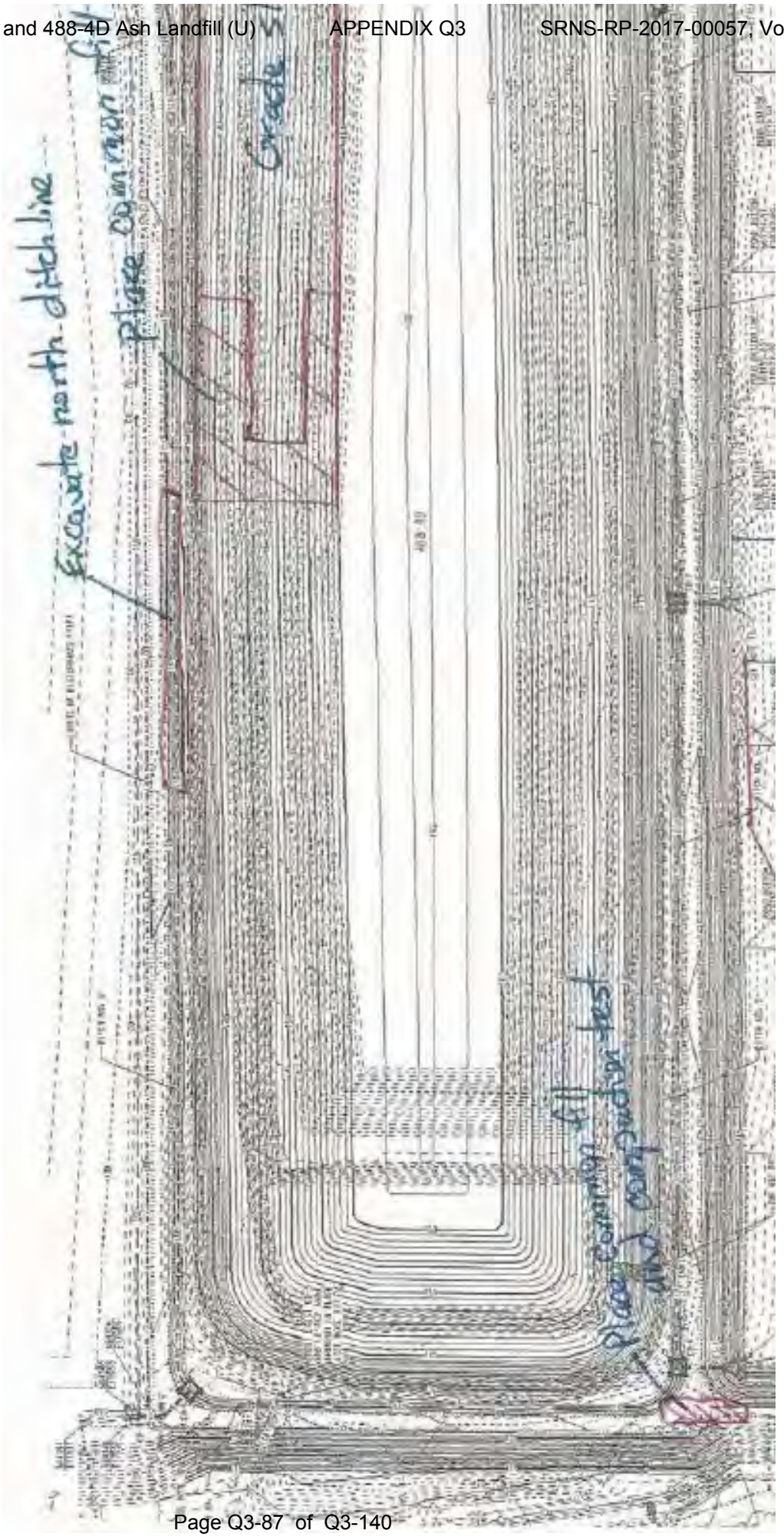
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T15-KK51
9-23-15

9-23-15
CJ

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Excavate north ditch line
Ridge dominion
Create
Place compacted fill

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Augusta, Georgia 30904
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Fax (706) 737-0629

Report No.:	T16-L05		
Date Issued:	March 18, 2016		
Date & Time of Test:	March 16, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1							
Course Level	125.00							
Area to Be	Fill							
Dry Density In-Place	119.6							
% Proctor Density	98.3							
Moisture Content	7.8							
% Compaction Required	95.0							
Conformance	✓							
Non Conformance								
Sand Cone								

N63723.1, E17658.9, Elevation 124.9

Locations: 1. Center of Area 4

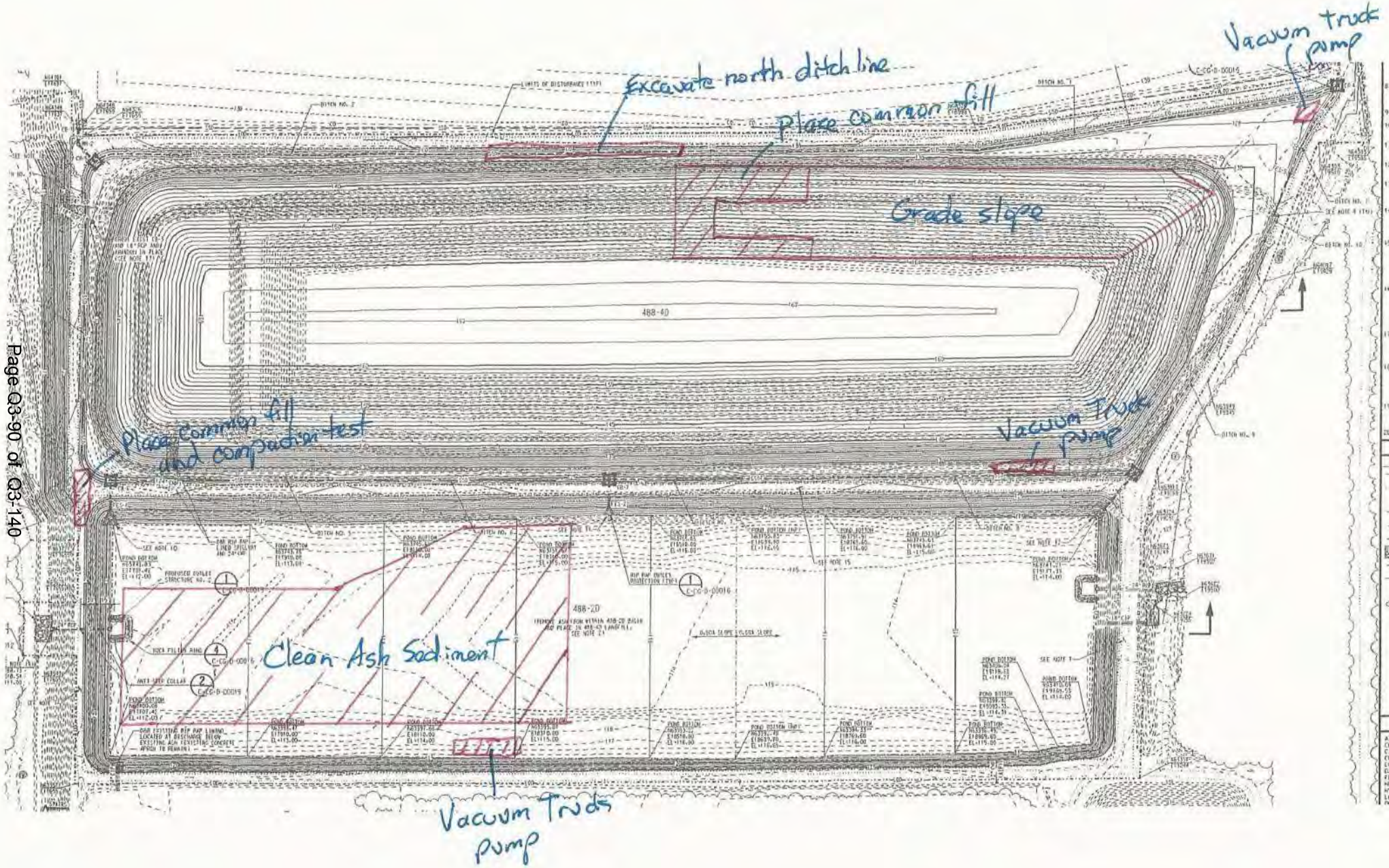
Serial No. of Troxler: 38248

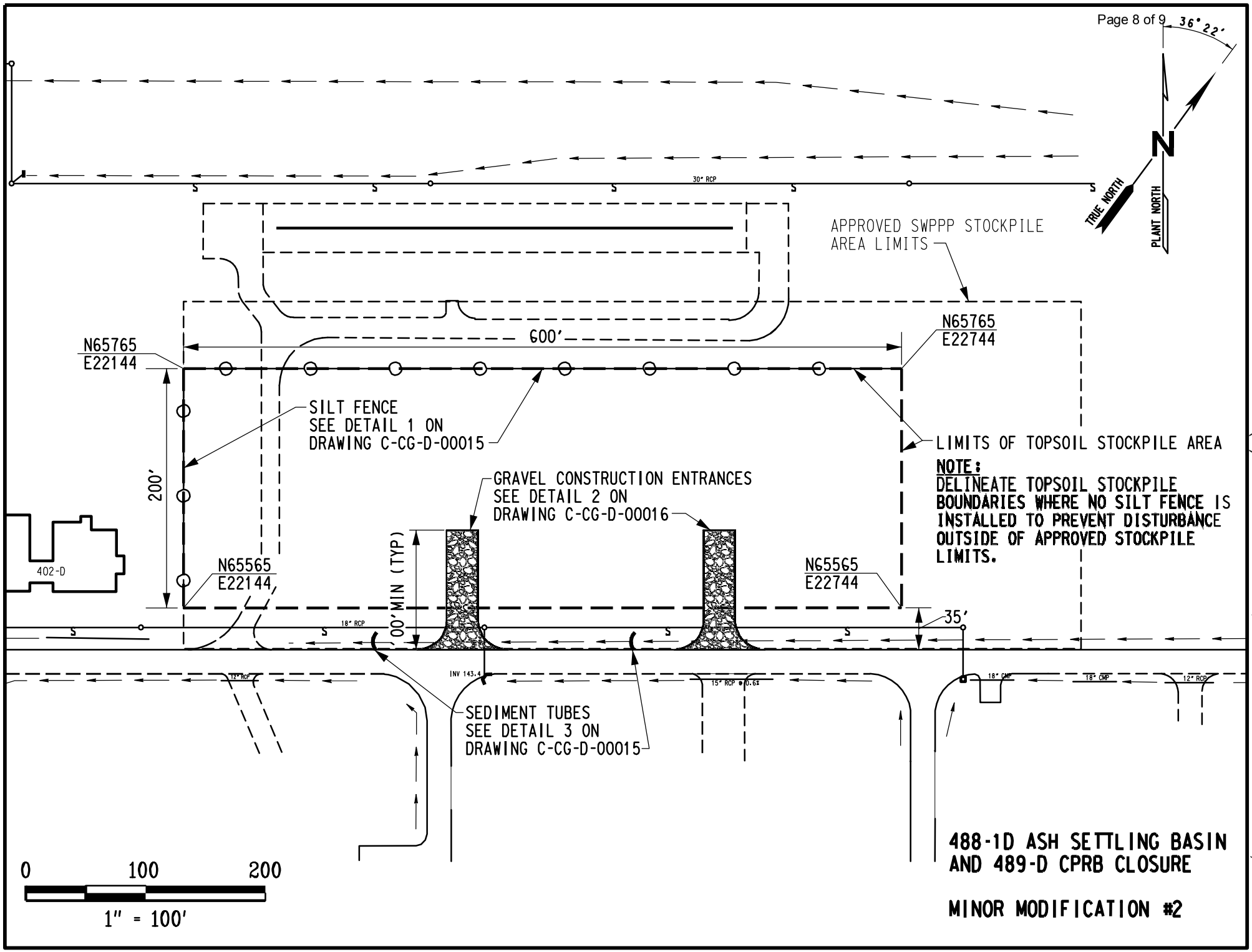
Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Excavate north ditch line
Place common fill
Grade slope
Vacuum truck pump
488-4D
Place common fill and compaction test
Vacuum Truck pump
488-2D
Clean Ash Sediment
Vacuum Truck pump


36° 22'
N
TRUE NORTH
PLANT NORTH
30" RCP
APPROVED SWPPP STOCKPILE AREA LIMITS
N65765
E22144
600'
N65765
E22744
SILT FENCE
SEE DETAIL 1 ON
DRAWING C-CG-D-00015
LIMITS OF TOPSOIL STOCKPILE AREA
NOTE:
DELINEATE TOPSOIL STOCKPILE BOUNDARIES WHERE NO SILT FENCE IS INSTALLED TO PREVENT DISTURBANCE OUTSIDE OF APPROVED STOCKPILE LIMITS.
200'
GRAVEL CONSTRUCTION ENTRANCES
SEE DETAIL 2 ON
DRAWING C-CG-D-00016
402-D
N65565
E22144
00' MIN (TYP)
N65565
E22744
35'
18" RCP
INV 143.4
15" RCP @ 0.6%
18" CMP
18" CMP
12" RCP
12" RCP
SEDIMENT TUBES
SEE DETAIL 3 ON
DRAWING C-CG-D-00015
0
100
200
1" = 100'
488-1D ASH SETTLING BASIN
AND 489-D CPRB CLOSURE
MINOR MODIFICATION #2

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-L05		
Date Issued:	March 18, 2016		
Date & Time of Test:	March 16, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1							
Course Level	125.00							
Area to Be	Fill							
Dry Density In-Place	119.6							
% Proctor Density	98.3							
Moisture Content	7.8							
% Compaction Required	95.0							
Conformance	✓							
Non Conformance								
Sand Cone								

N63723.1, E17658.9, Elevation 124.9

Locations: 1. Center of Area 4

Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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Envirocon

Excavation Inspection Report

Date: July 28, 2016 to August 8, 2016	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Observations of Fill Placement & Compaction Activities – Installation of catch basin #4 and CPP pipe:

- July 28, 2016: Envirocon installs catch basin #4 in NE corner of 488-4D ash landfill.
- Location of catch basin and manhole marked by GEL surveyor. After reaching proper depth, 12 inches of #57 stone base installed and compacted under catch basin. Catch basin placed on stone base and orientation and elevation checked by GEL surveyor.
- August 5 & 6, 2016: The excavation for the CPP trench between CB #4 and Manhole #1 had groundwater infiltration. After discussion with Don Baston (SRNS), the decision was made to install fabric and rock under the CPP to bridge the soft soil.
- Envirocon completes the installation of catch basin #4, manhole #1 connection, and CPP pipe. GEL surveyor marks location of pipe. CPP pipe set and invert elevations checked by surveyor. Initial backfill placed around pipe and compacted with a plate-type tamper.
- Envirocon completes one lift of backfill around CPP pipes to be ready for compaction testing on Monday. Complete grouting of CPP pipes.
- August 8, 2016: Britt Baynham (CSRA Testing) on site to perform compaction testing on the initial backfill around the CPP pipe. Backfill is compacted to a minimum of 95% compaction in the roadway. All compaction tests pass.
- Britt Baynham performs compaction testing on the final backfill over the CPP pipe. Final backfill is compacted with five passes of a smooth drum roller. Final backfill is compacted to a minimum of 95% compaction in the roadway. All compaction tests pass.

Additional Comments:

- None.

Attachments:

- CSRA Testing Report for CB#4, MH#1 testing performed on August 8, 2016.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Thursday, July 28	1254	North / 488-4D

Subject:

Set catch basin #4 on rock bedding in northeast corner of 488-4D landfill.



Date:	Time:	Direction of View / Location:
Friday, August 5	0852	Southwest / 488-4D

Subject:

Fabric and rock bedding wrap for CPP pipe extra support due to wet soil in trench. Placed under CPP bedding.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Friday, August 5	1309	East / 488-4D

Subject:

Catch basin #4 with CPP to Manhole #1 with initial backfill.



Date:	Time:	Direction of View / Location:
Saturday, August 6	0738	West / 488-4D

Subject:

CPP pipe between catch basin #4 and Manhole #1 in NE corner of 488-4D landfill. Fill compacted with plate-type tamper.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Monday, August 8	1010	South / 488-4D

Subject:

Britt Baynham (CSRA Testing) performing compaction tests with the Troxler nuclear density gauge.



Date:	Time:	Direction of View / Location:
Monday, August 8	1046	South / 488-4D

Subject:

Compacting final backfill with smooth drum roller.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Monday, August 8	1234	South / 488-4D

Subject:

Britt Baynham performing compaction tests.



Date:	Time:	Direction of View / Location:
Monday, August 8	1243	North / 488-4D

Subject:

Compaction around catch basin #4 with plate type tamper.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-GG15 (Page 1 of 2)		
Date Issued:	August 8, 2016		
Date & Time of Test:	August 8, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Overcast and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Silty Sandy Clay

Proctor Density-Optimum Moisture: 112.8 pcf / 13.6% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	124.0		124.5		125.5		126.5	
Area to Be	Backfill over pipe							
Dry Density In-Place	112.8	112.9	107.5	109.7	109.2	107.5	109.1	107.8
% Proctor Density	100.0	100.1	95.3	97.2	96.8	95.3	96.7	95.5
Moisture Content	13.5	13.7	14.4	14.2	14.1	13.9	14.3	13.8
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-GG15 (Page 2 of 2)		
Date Issued:	August 8, 2016		
Date & Time of Test:	August 8, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Silty Sandy Clay

Proctor Density-Optimum Moisture: 112.8 pcf / 13.6% (mod.)

Test No.	9	10						
Course Level	127.5							
Area to Be	Backfill over pipe							
Dry Density In-Place	107.8	110.0						
% Proctor Density	95.5	97.5						
Moisture Content	14.0	14.3						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

Locations: Please see attached map.

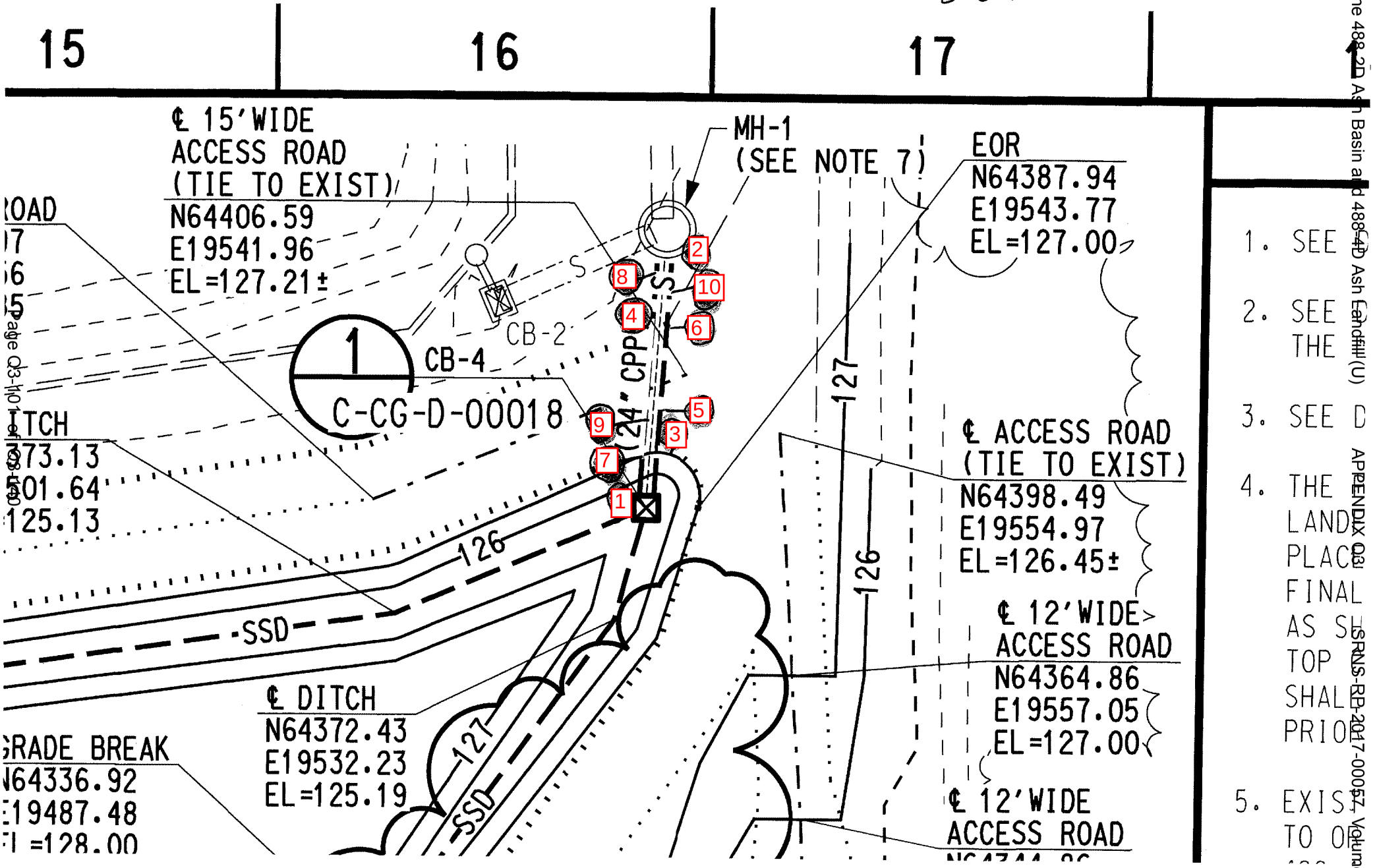
Serial No. of Troxler: 38248

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

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T16-GG15
8-8-16



RAR for the 488-2D Ash Basin and 488-4D Ash Landfill (U)
Page Q3-110 of 138
APPENDIX Q3
USRNS-RP-2017-00057, Volume II

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Envirocon

Excavation Inspection Report

Date: April 14, 2016 to May 26, 2016	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Observations of Fill Placement & Compaction Activities – Installation of catch basin #5 and manhole #2:

- April 14, 2016: Envirocon installs catch basin #5 and manhole #2 in NW corner of 488-4D ash landfill.
- Location of catch basin and manhole marked by GEL surveyor. After reaching proper depth, 12 inches of #57 stone base installed and compacted under catch basin and manhole. Both manhole and catch basin placed on stone base and orientation and elevation checked by GEL surveyor.
- Envirocon determines that the floor elevation of the existing catch basin #1 is higher than the design elevation and did not take into account the thickness of the CPP pipe. After discussion with Don Baston (SRNS), the decision is made to raise the invert of the CPP pipe for CB #5 and MH #2 by 0.25 feet.
- April 15, 2016: Envirocon completes the installation of catch basin #5, manhole #2, and CPP pipe. CPP pipe set and invert elevations checked by surveyor. Initial backfill placed around pipe and compacted with a plate-type tamper.
- Chris Lowry (CSRA Testing) on site to perform compaction testing on the initial backfill around the CPP pipe. Backfill is compacted to a minimum of 95% compaction in the roadway. All compaction tests pass.
- April 16, 2016: Envirocon places one lift of backfill over CPP pipes to be ready for compaction testing on Monday. Complete grouting of CPP pipes.
- April 18, 2016: Chris Lowry on site to perform compaction testing on the final backfill around the CPP pipe. Final backfill is compacted with five passes of a smooth drum roller. Final backfill is compacted to a minimum of 95% compaction in the roadway. All compaction tests pass.
- May 23, 2016: Envirocon determines that the grout around the CPP pipe is leaking in MH #2 and CB #1. Envirocon excavates around the CPP pipe to repair the grout seal.
- May 24, 2016: Envirocon completes the re-grouting of the CPP pipe.
- May 26, 2016: Chris Lowry on site to perform compaction testing on the initial and final backfill around and over the CPP pipe. Initial backfill is compacted with a plate-type tamper. Final backfill is compacted with five passes with a smooth drum roller. Backfill is compacted to a minimum of 95% compaction in the roadway. All compaction tests pass.

Additional Comments:

- None.

Attachments:

- CSRA Testing Report for CB#5, MH#2 testing performed on April 15, 2016.
- CSRA Testing Report for CB#5, MH#2 testing performed on April 18, 2016.
- CSRA Testing Report for CB#5, MH#2 testing performed on May 26, 2016.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Thursday, April 14	1401	Southeast / 488-4D

Subject:

Manhole #2 base on rock bedding in northwest corner of 488-4D landfill.



Date:	Time:	Direction of View / Location:
Thursday, April 14	1634	Southeast / 488-4D

Subject:

Manhole #2 and rock bedding for CPP pipe and catch basin #5.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Friday, April 15	0830	Northwest / 488-4D

Subject:

Catch basin #5 with Manhole #2 in background.



Date:	Time:	Direction of View / Location:
Friday, April 15	1448	Northeast / 488-4D

Subject:

CPP pipe between existing catch basin #1 and Manhole #2 in NW corner of 488-4D landfill. Fill compacted with plate-type tamper.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Saturday, April 16	0758	Northwest / 488-4D

Subject:

CPP pipe in place from Manhole #2 to catch basin #5



Date:	Time:	Direction of View / Location:
Saturday, April 16	0759	East / 488-4D

Subject:

Catch basin #5 with CPP pipe grouted.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Monday, April 18	1046	West / 488-4D

Subject:

Placing upper portion of manhole #2.



Date:	Time:	Direction of View / Location:
Monday, April 18	1530	North / 488-4D

Subject:

CSRA technician (Chris Lowry) performing compaction testing with Troxler nuclear density gauge.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Monday, April 18	1613	Southeast / 488-4D

Subject:

Manhole #2 and catch basin #5. Upper lifts of fill compacted with 5 passes of a smooth drum roller.



Date:	Time:	Direction of View / Location:
Monday, May 23	1237	East / 488-4D

Subject:

Manhole #2 re-excavated due to leakage.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Thursday, May 26	0729	East / 488-4D

Subject:
Patch grouted at manhole #2.



Date:	Time:	Direction of View / Location:
Thursday, May 26	0934	Northwest / 488-4D

Subject:
CSRA technician (Chris Lowry) performing compaction testing with Troxler nuclear density gauge.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-Q88		
Date Issued:	April 22, 2016		
Date & Time of Test:	April 15, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	1	2	3	4				
Course Level	1st lift							
Area to Be	Fill							
Dry Density In-Place	109.8	111.1	111.8	110.0				
% Proctor Density	95.2	96.4	97.0	95.4				
Moisture Content	13.6	13.8	14.0	13.8				
% Compaction Required	95.0	95.0	95.0	95.0				
Conformance	✓	✓	✓	✓				
Non Conformance								
Sand Cone								

Locations: Please see attached map.

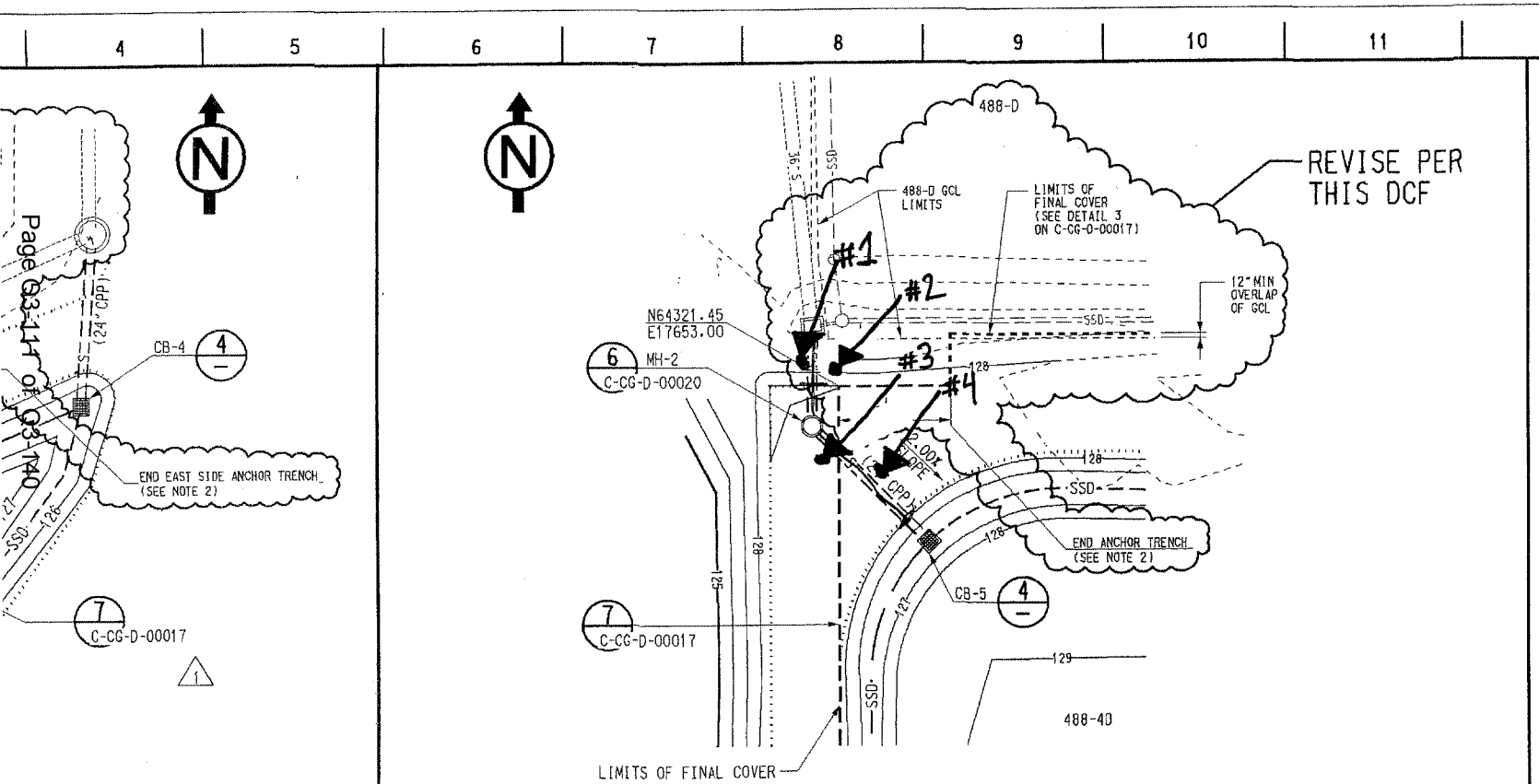
Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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4-15-16
CJ
T16-Q88



NLARGEMENT

CATCH BASIN CB-5 PLAN ENLARGEMENT

DETAIL 2 C-CG-D-00010

SCALE: 1"=20'

FINISH GRADE

SRNS-RP-2017-00057, Volume III, Revision 0, APPENDIX Q3
R for the 488-2D Ash Basin and 488-4D Ash Landfill (U)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-Q89 (Page 1 of 2)		
Date Issued:	April 22, 2016		
Date & Time of Test:	April 18, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	2nd lift				3rd lift			
Area to Be	Fill							
Dry Density In-Place	111.6	112.1	111.1	110.7	111.4	110.5	110.9	110.7
% Proctor Density	96.8	97.2	96.4	96.0	96.6	95.8	96.2	96.0
Moisture Content	13.8	13.5	13.8	13.5	14.0	14.0	14.5	14.8
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
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(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-Q89 (Page 2 of 2)		
Date Issued:	April 22, 2016		
Date & Time of Test:	April 18, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	9	10	11	12	13	14	15	
Course Level	4th lift			5th lift		6th lift		
Area to Be	Fill							
Dry Density In-Place	111.1	112.4	111.8	110.5	110.0	110.9	110.2	
% Proctor Density	96.4	97.5	97.0	95.8	95.4	96.2	95.6	
Moisture Content	14.0	14.2	14.5	14.2	14.5	14.6	14.6	
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
Conformance	✓	✓	✓	✓	✓	✓	✓	
Non Conformance								
Sand Cone								

Locations: Please see attached map.

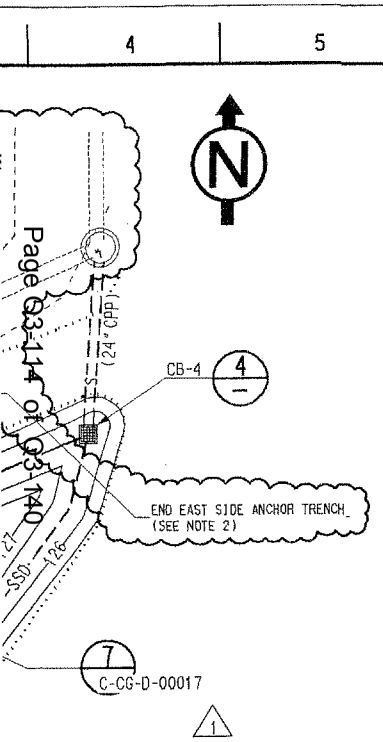
Serial No. of Troxler: 38248

Chris Lowry, Technician

James M. Pope, P.E., Reviewer

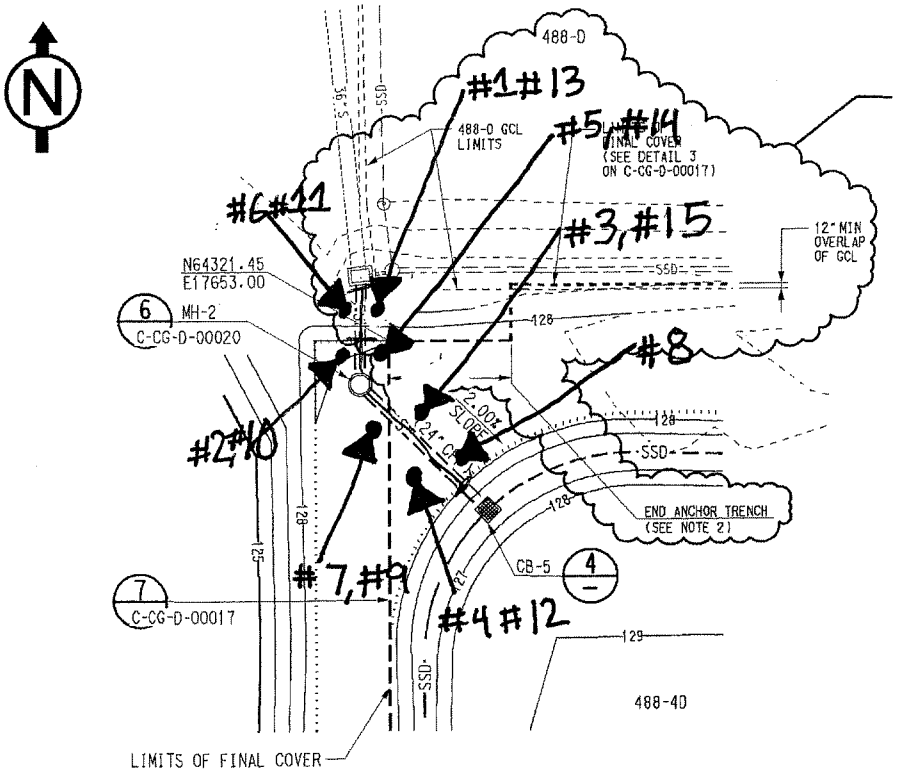
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4-18-16
CJ
T16-Q89



NLARGEMENT

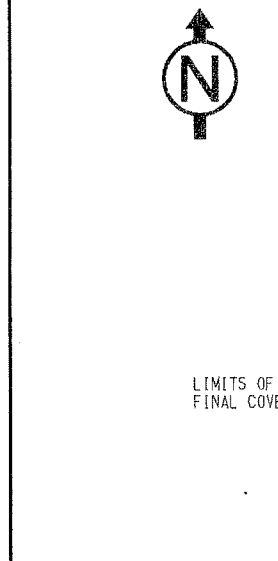
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REVISE PER THIS DCF

CATCH BASIN CB-5 PLAN ENLARGEMENT

DETAIL 2
SCALE: 1"=20' C-CG-D-00010



FINISH GRADE

R for the 488-2D Ash Basin and 488-4D Ash Landfill (U) APPENDIX Q3 SRN SRP-2017-00057, Volum

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-V88		
Date Issued:	June 7, 2016		
Date & Time of Test:	May 26, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	1	2	3	4	5			
Course Level	1st lift		2nd lift		3rd lift			
Area to Be	Fill							
Dry Density In-Place	112.8	110.9	111.8	111.3	112.2			
% Proctor Density	97.8	96.2	97.0	96.5	97.3			
Moisture Content	14.8	14.8	14.5	14.5	14.2			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

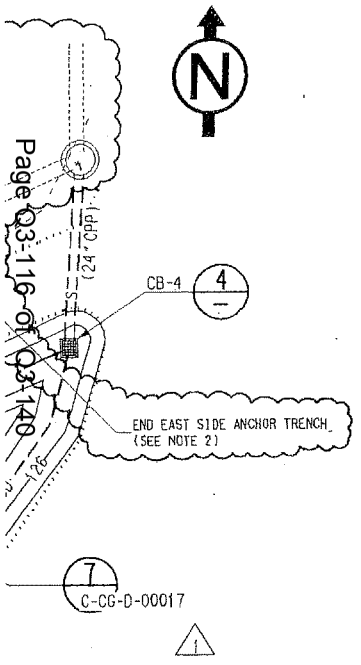
Chris Lowry, Technician

James M. Pope, P.E., Reviewer

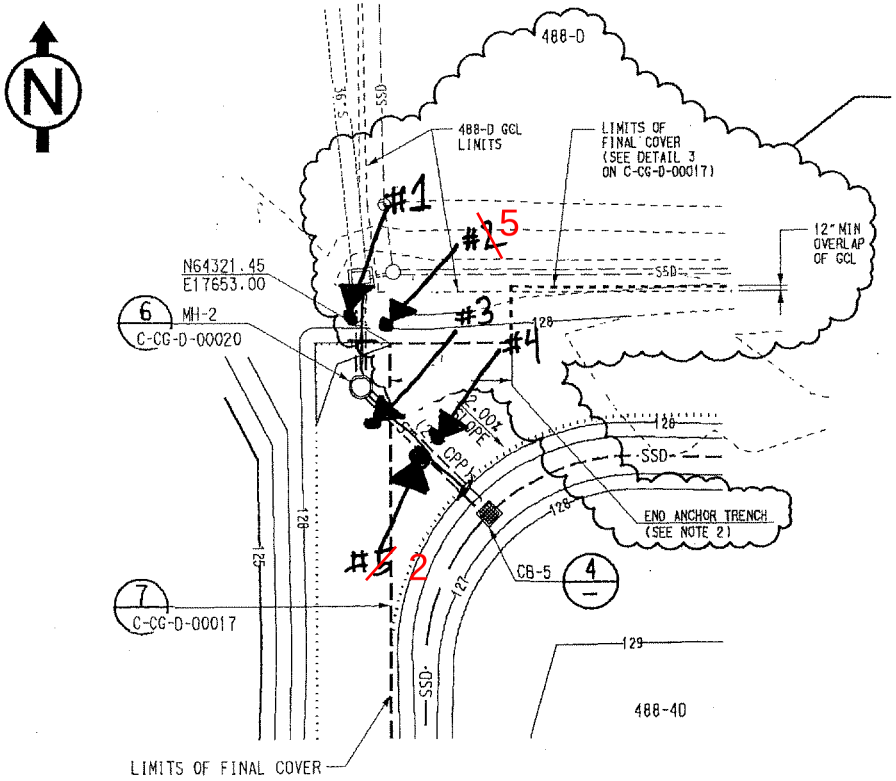
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5-26-16
CJ
T16-U88

4 5 6 7 8 9 10 11 12 13



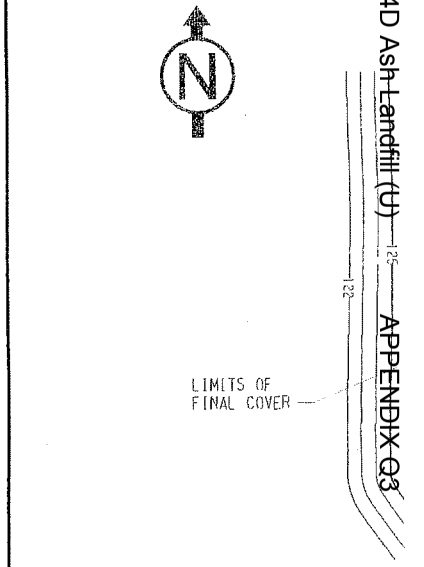
ARGEMENT



CATCH BASIN CB-5 PLAN ENLARGEMENT

DETAIL 2 C-CG-D-00010

SCALE: 1"=20'



FINISH GRADE

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Envirocon

Excavation Inspection Report

Date: April 21, 2016 to April 22, 2016	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Observations of Fill Placement & Compaction Activities – Installation of catch basin #6 and FES-1 and catch basin #7 and FES-2:

- April 21, 2016: Envirocon installs catch basin #6 in SE corner of 488-4D ash landfill.
- Location of catch basin marked by GEL surveyor. After reaching proper depth, 12 inches of #57 stone base installed and compacted under catch basin. Catch basin placed on stone base and orientation and elevation checked by GEL surveyor.
- Envirocon installs FES-1 CPP pipe. GEL surveyor marks location of pipe. Soil excavated to proper depth. FES-1 pipe set and invert elevations checked by surveyor. Initial backfill placed around pipe and compacted with a plate-type tamper.
- April 22, 2016: Chris Lowry (CSRA Testing) on site to perform compaction testing on the initial and final backfill around FES-1 CPP pipe. The initial backfill is compacted with a plate-type tamper. The final backfill is compacted with 5 passes with a smooth drum roller.
- Backfill is compacted to a minimum of 95% compaction in the roadway and 90% compaction outside of the roadway. All compaction tests pass.
- Envirocon installs catch basin #7 on south side of 488-4D ash landfill.
- Location of catch basin marked by GEL surveyor. After reaching proper depth, 12 inches of #57 stone base installed and compacted under catch basin. Catch basin placed on stone base and orientation and elevation checked by GEL surveyor.
- Envirocon installs FES-2 CPP pipe. GEL surveyor marks location of pipe. Soil excavated to proper depth. FES-2 pipe set and invert elevations checked by surveyor. Initial backfill placed around pipe and compacted with a plate-type tamper.
- Chris Lowry (CSRA Testing) on site to perform compaction testing on the initial and final backfill around FES-2 CPP pipe. The initial backfill is compacted with a plate-type tamper. The final backfill is compacted with 5 passes with a smooth drum roller.
- Backfill is compacted to a minimum of 95% compaction in the roadway and 90% compaction outside of the roadway. All compaction tests pass.

Additional Comments:

- None.

Attachments:

- CSRA Testing Report for CB #6 and CB #7 testing performed on April 22, 2016.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Thursday, April 21	1034	South / 488-4D

Subject:

Southwest corner of 488-4D CB6 and FES-1 installation.



Date:	Time:	Direction of View / Location:
Thursday, April 21	1704	West / 488-4D

Subject:

Fabric and bedding material for rip rap at FES-1.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Friday, April 22	1318	South / 488-4D

Subject:

CB 6 and compacted soil over CPP to FES-1.



Date:	Time:	Direction of View / Location:
Friday, April 22	1319	North / 488-2D

Subject:

Rip rap placed at FES-1 in NW corner of 488-2D basin.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Friday, April 22	1324	Southeast / 488-4D

Subject:

South side of 488-4D and catch basin #7 compaction with tamper.



Date:	Time:	Direction of View / Location:
Friday, April 22	1328	South / 488-4D

Subject:

Catch basin #7 with CPP grouted.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Friday, April 22	1352	South / 488-4D

Subject:

Catch basin #7 and CPP trench compaction.



Date:	Time:	Direction of View / Location:
Friday, April 22	1430	South / 488-4D

Subject:

Completed compaction over CPP to FES-2.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
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(706) 733-6960
Fax (706) 737-0629

Report No.: T16-R15 (Page 1 of 3)
Date Issued: April 26, 2016
Date & Time of Test: April 22, 2016 (AM)

Client: Envirocon, Inc. **Address:** Missoula, Montana
Project Title: 488-4D Ash Landfill Closure **Location:** Savannah River Site, Aiken Co., SC
Project No.: C-SPP-D-00002 **SRNS PO#:** 196912
Weather: Sunny and Mild **Activity:** **Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 122.0 pcf / 7.5% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	1st lift			2nd lift			3rd lift	
Area to Be	Fill							
Dry Density In-Place	116.3	117.1	115.9	116.6	118.1	116.8	117.6	118.6
% Proctor Density	95.3	96.0	95.0	95.6	96.8	95.7	96.4	97.2
Moisture Content	8.7	8.7	8.5	8.5	8.5	8.0	9.0	8.6
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-Q89 (Page 2 of 3)		
Date Issued:	April 26, 2016		
Date & Time of Test:	April 22, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	9	10	11	12	13	14	15	16
Course Level	4th lift		1st lift			2nd lift		
Area to Be	Fill							
Dry Density In-Place	117.6	118.3	116.9	117.9	116.4	118.1	118.7	117.7
% Proctor Density	96.4	97.0	95.8	96.6	95.4	96.8	97.3	96.5
Moisture Content	8.3	8.3	8.5	8.5	8.2	8.5	8.7	8.7
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
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Report No.: T16-Q89 (Page 2 of 3)
Date Issued: April 26, 2016
Date & Time of Test: April 22, 2016 (AM)

Client: Envirocon, Inc.
Project Title: 488-4D Ash Landfill Closure
Project No.: C-SPP-D-00002
Weather: Sunny and Mild
Address: Missoula, Montana
Location: Savannah River Site, Aiken Co., SC
SRNS PO#: 196912
Activity: **Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Tan Clayey Sand

Proctor Density-Optimum Moisture: 115.3 pcf / 14.9% (mod.)

Test No.	17	18	19	20	21			
Course Level	3rd lift		1st lift	2nd lift	3rd lift			
Area to Be	Fill							
Dry Density In-Place	118.6	119.0	117.6	118.3	118.8			
% Proctor Density	97.2	97.5	96.4	97.0	97.4			
Moisture Content	8.0	7.8	8.8	8.5	8.3			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

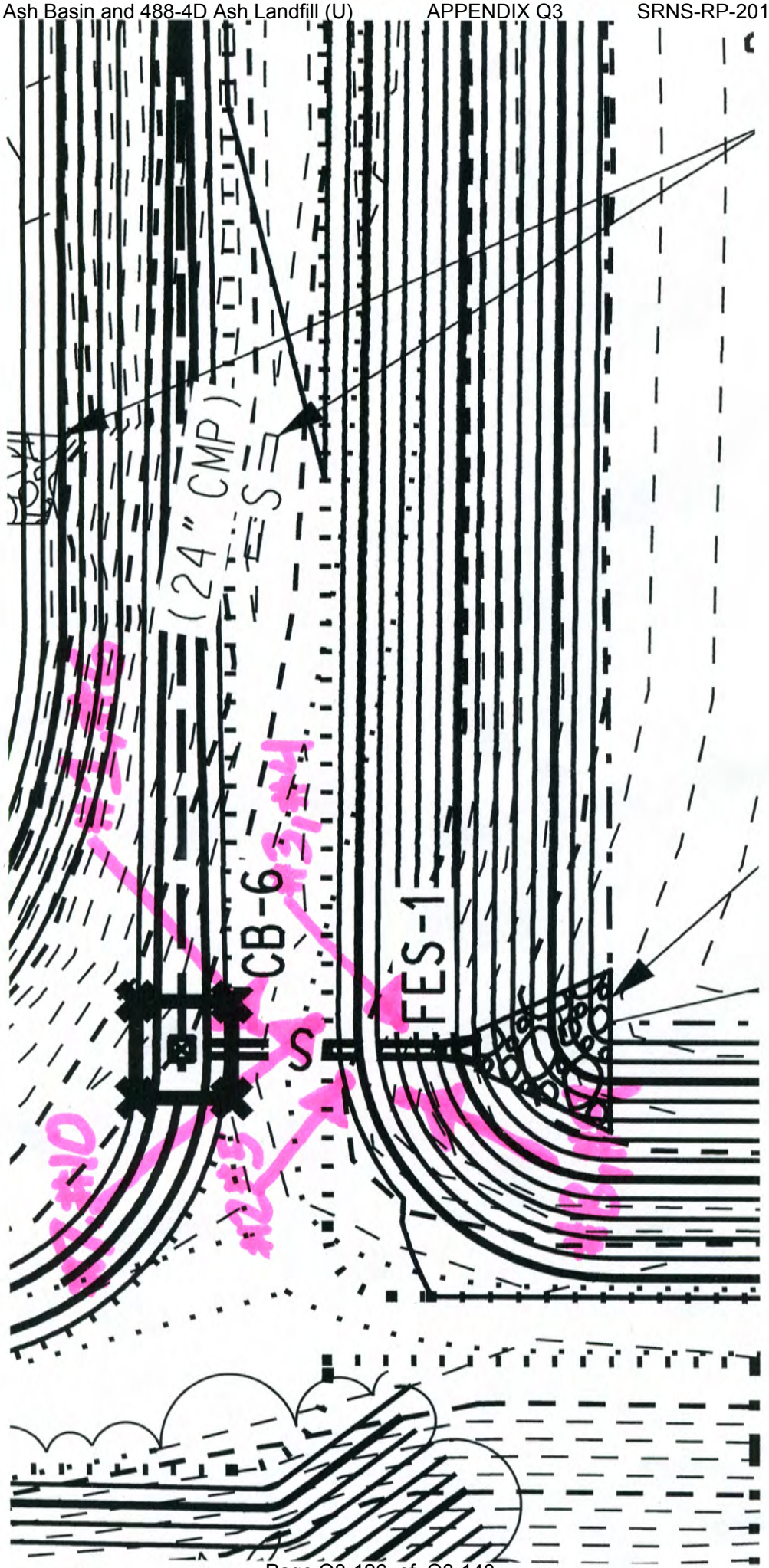
Locations: 17 thru 18 - Please see attached map.
19 thru 21 - West pond temporary inlet remove, center of trench

Serial No. of Troxler: 38248

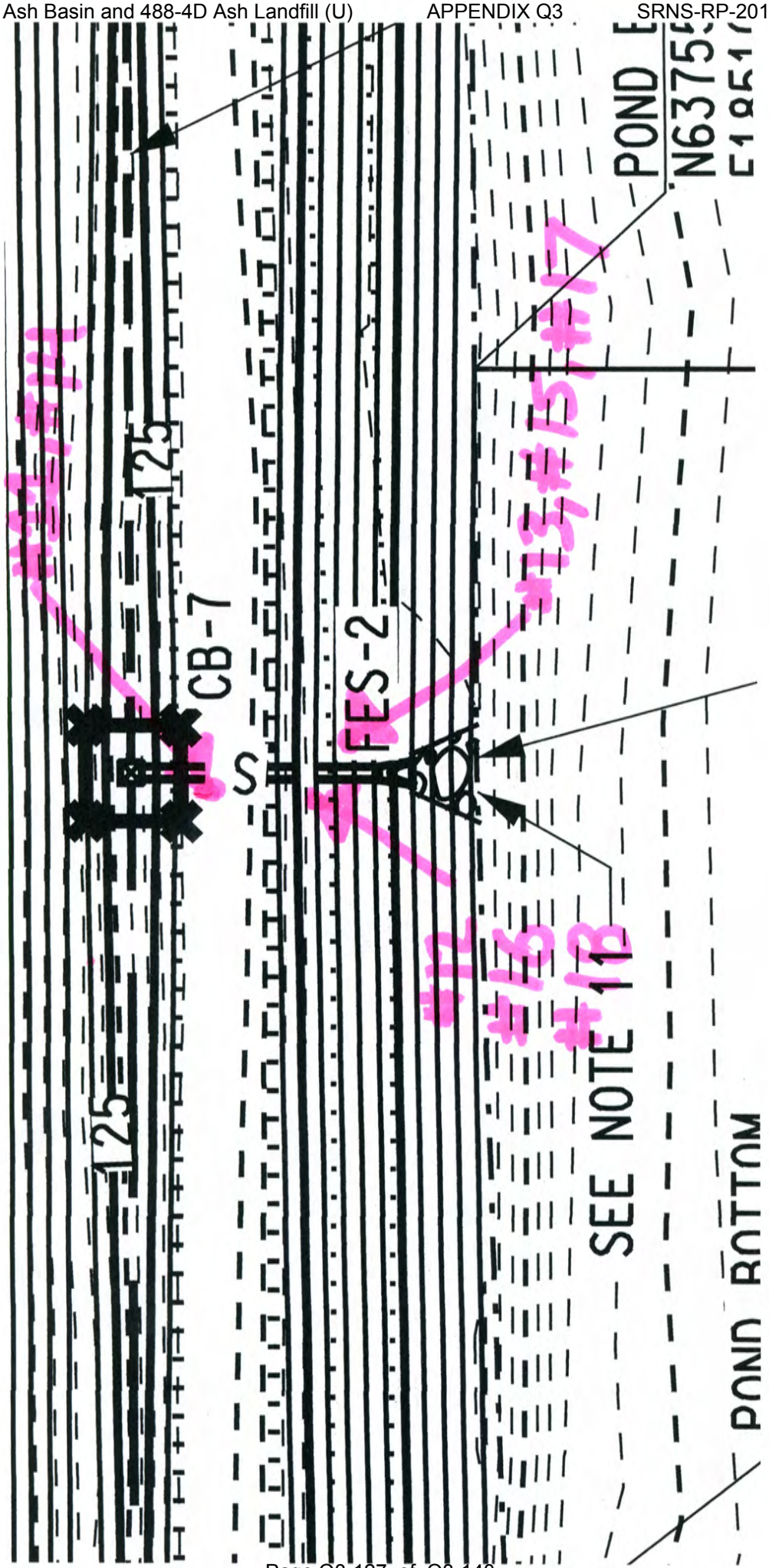
Chris Lowry, Technician

James M. Pope, P.E., Reviewer

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4-22-16
CJ
T16-A-13



4-22-16
CA
T16-R15

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Envirocon

Excavation Inspection Report

Date: June 29, 2016 to July 5, 2016	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Observations of Fill Placement & Compaction Activities – Installation of catch basin #8 and FES-3:

- June 29, 2016: Envirocon installs catch basin #8 in SE corner of 488-4D ash landfill.
- Location of catch basin marked by GEL surveyor. After reaching proper depth, 12 inches of #57 stone base installed and compacted under catch basin. Catch basin placed on stone base and orientation and elevation checked by GEL surveyor.
- June 30, 2016: Envirocon installs FES-3 CPP pipe. GEL surveyor marks location of pipe. Soil excavated to proper depth. FES-3 pipe set and invert elevations checked by surveyor. Initial backfill placed around pipe and compacted with a plate-type tamper.
- July 5, 2016: Britt Baynham (CSRA Testing) on site to perform compaction testing on the initial and final backfill around FES-3 CPP pipe. The initial backfill is compacted with a plate-type tamper. The final backfill is compacted with 5 passes with a smooth drum roller.
- Backfill is compacted to a minimum of 95% compaction in the roadway and 90% compaction outside of the roadway. All compaction tests pass.

Additional Comments:

- None.

Attachments:

- CSRA Testing Report for CB#8 dated July 12, 2016.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Wednesday, June 29	1453	South / 488-4D

Subject:

Placing #57 stone for base of catch basin.



Date:	Time:	Direction of View / Location:
Wednesday, June 29	1521	South / 488-4D

Subject:

Catch basin #8 in place.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Tuesday, July 5	0946	South / 488-4D

Subject:
Compacting initial backfill with plate-type tamper.



Date:	Time:	Direction of View / Location:
Tuesday, July 5	0946	South / 488-4D

Subject:
Compacting initial backfill with plate-type tamper.

Envirocon

Excavation Inspection Report



Date:	Time:	Direction of View / Location:
Tuesday, July 5	0946	South / 488-4D

Subject:

Catch basin #8 and compaction of initial backfill.



Date:	Time:	Direction of View / Location:
Tuesday, July 5	1244	West / 488-4D

Subject:

Compaction of final backfill with smooth drum roller.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
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Report No.:	T16-CC04 (Page 1 of 2)		
Date Issued:	July 12, 2016		
Date & Time of Test:	July 5, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 122.5 pcf / 7.5% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	1st lift			2nd lift			3rd lift	
Area to Be	CB8 culvert							
Dry Density In-Place	120.0	120.8	117.8	118.6	121.4	118.6	119.2	117.7
% Proctor Density	97.9	98.6	96.1	96.8	99.1	96.8	97.3	96.0
Moisture Content	7.0	7.2	6.8	7.2	7.4	7.7	6.7	6.9
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓
Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-CC04 (Page 2 of 2)		
Date Issued:	July 12, 2016		
Date & Time of Test:	July 5, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 122.5 pcf / 7.5% (mod.)

Test No.	9	10	11	12	13	14	15	
Course Level	3rd lift	4th lift			5th lift			
Area to Be	CB8 culvert							
Dry Density In-Place	118.1	119.1	117.7	120.5	119.2	116.8	114.3	
% Proctor Density	96.4	97.2	96.0	98.3	97.3	95.3	93.3	
Moisture Content	6.9	7.1	7.7	6.6	6.8	6.5	8.0	
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	90.0	
Conformance	✓	✓	✓	✓	✓	✓	✓	
Non Conformance								
Sand Cone								

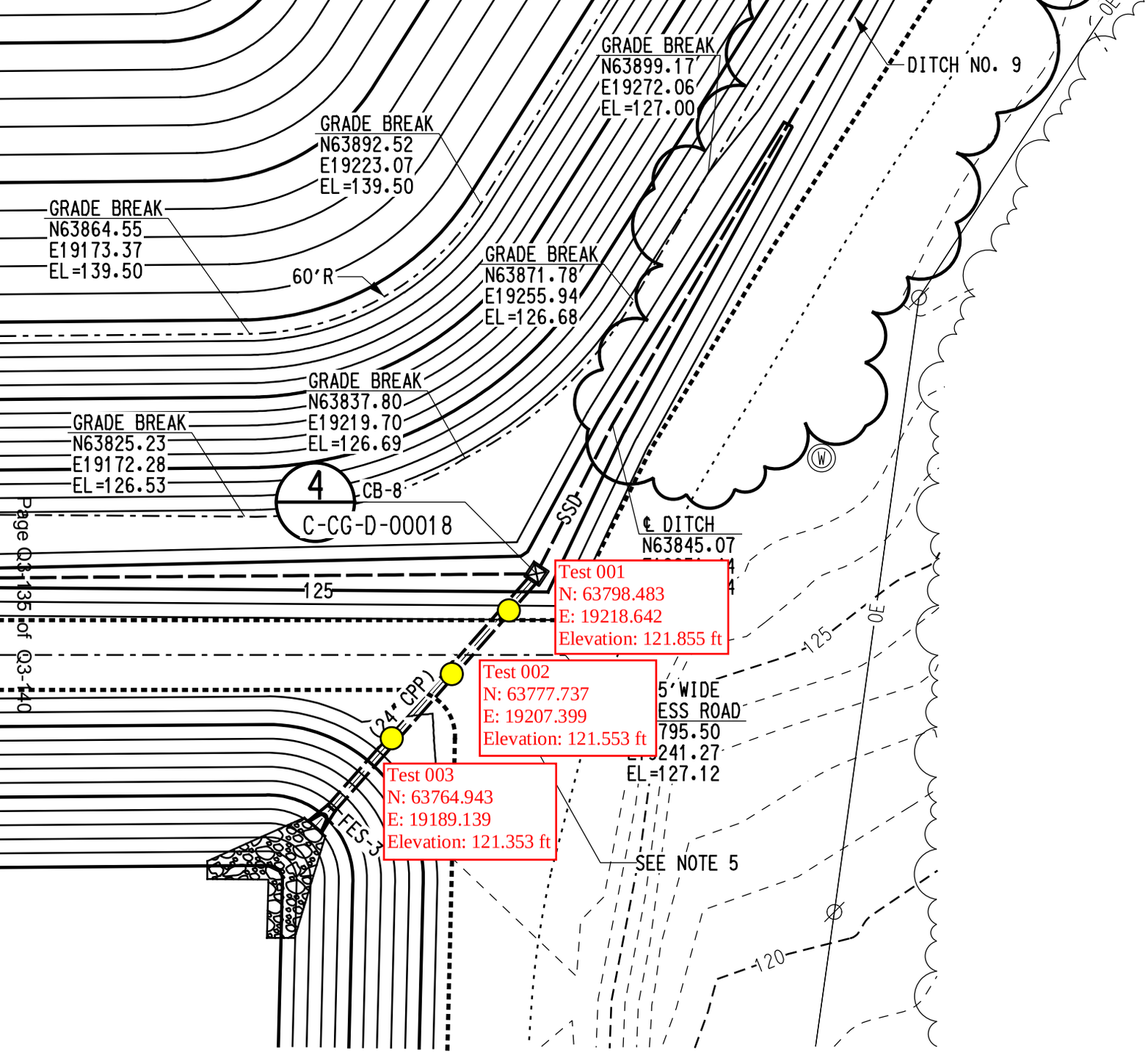
Locations: Please see attached map.

Serial No. of Troxler: 38248

Britt Baynham, Technician

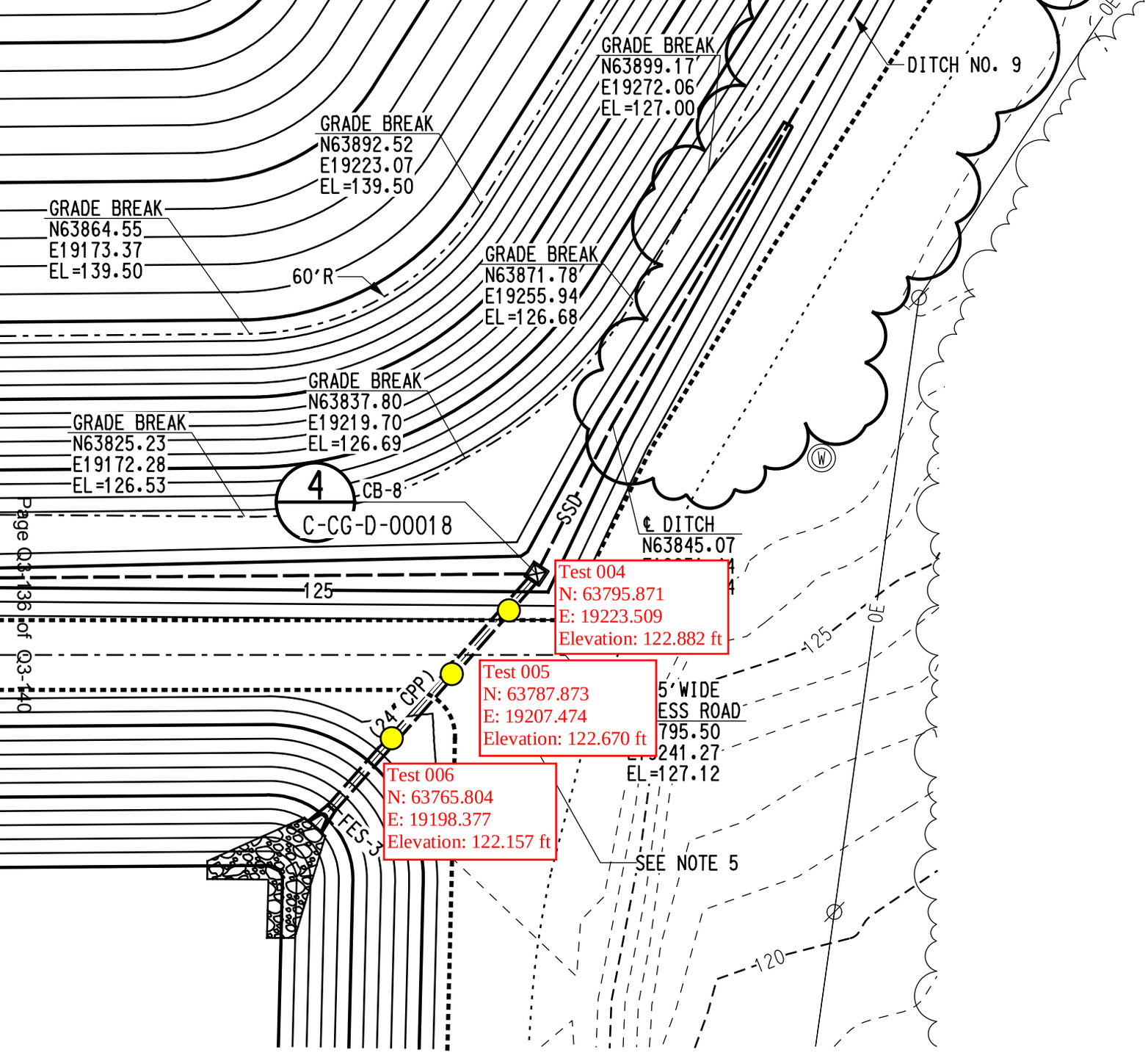
James M. Pope, P.E., Reviewer

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Accredited by AASHTO Accreditation Program (AAP)



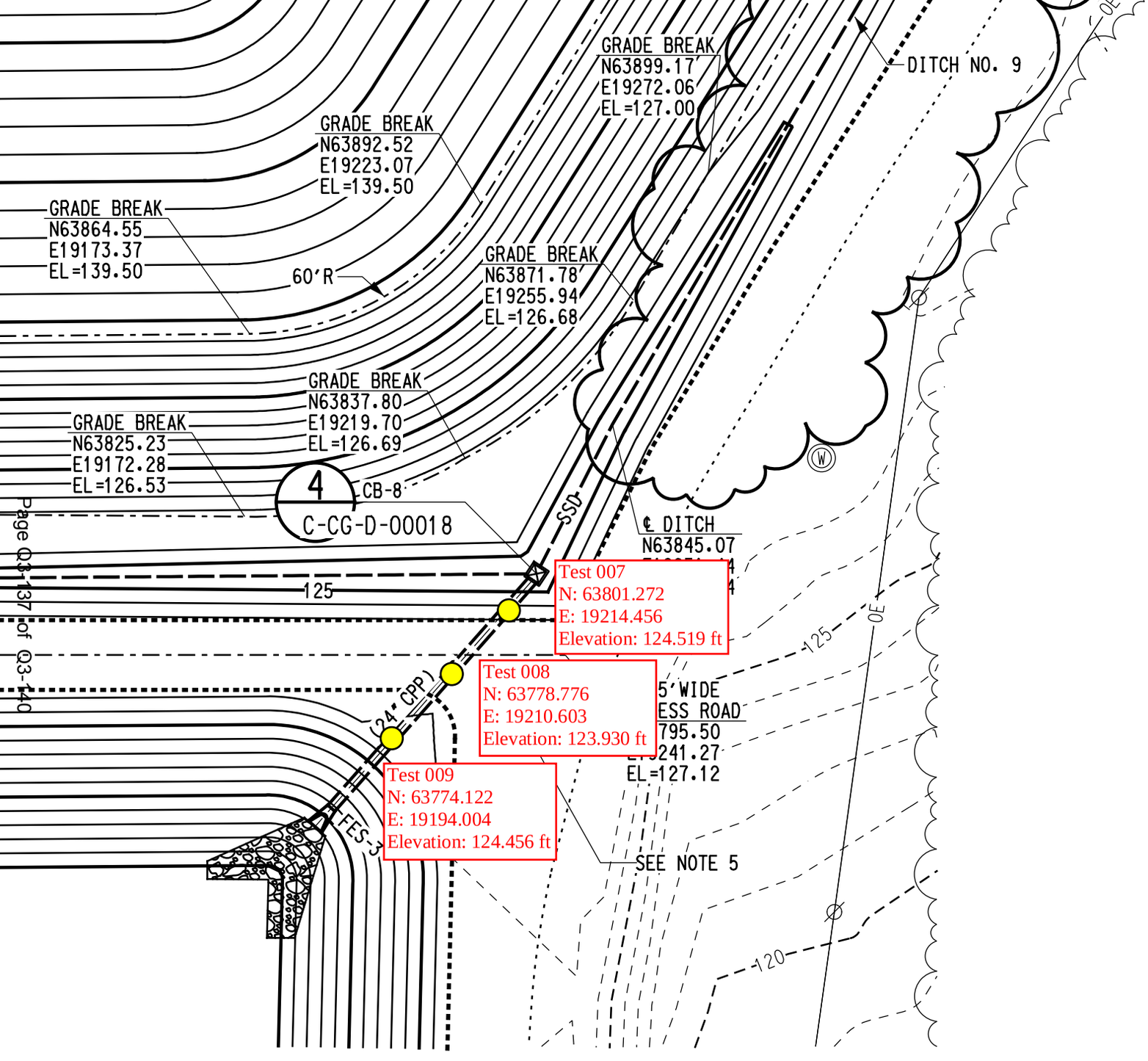
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1" = 30'



0 15 30 60 90

1" = 30'



0 15 30 60 90

1" = 30'

0
15
30
60
90
1" = 30'
DITCH NO. 9
GRADE BREAK
N63899.17
E19272.06
EL=127.00
GRADE BREAK
N63892.52
E19223.07
EL=139.50
GRADE BREAK
N63871.78
E19255.94
EL=126.68
GRADE BREAK
N63837.80
E19219.70
EL=126.69
GRADE BREAK
N63825.23
E19172.28
EL=126.53
GRADE BREAK
N63864.55
E19173.37
EL=139.50
60'R
CB-8
4
C-CG-D-00018
125
℄ DITCH
N63845.07
SSP
Test 010
N: 63802.643
E: 19219.888
Elevation: 124.989 ft
Test 011
N: 63782.963
E: 19217.156
Elevation: 124.930 ft
Test 012
N: 63777.331
E: 19195.994
Elevation: 124.927 ft
5'WIDE
ESS ROAD
795.50
241.27
EL=127.12
SEE NOTE 5
CPP
FES-3
OE
125
120

0
15
30
60
90
1" = 30'
DITCH NO. 9
GRADE BREAK
N63899.17
E19272.06
EL=127.00
GRADE BREAK
N63871.78
E19255.94
EL=126.68
GRADE BREAK
N63892.52
E19223.07
EL=139.50
GRADE BREAK
N63837.80
E19219.70
EL=126.69
GRADE BREAK
N63825.23
E19172.28
EL=126.53
GRADE BREAK
N63864.55
E19173.37
EL=139.50
60'R
℄ DITCH
N63845.07
SSP
CB-8
4
C-CG-D-00018
125
Test 013
N: 63795.275
E: 19226.649
Elevation: 125.623 ft
Test 014
N: 63795.617
E: 19208.446
Elevation: 125.883 ft
Test 015
N: 63775.670
E: 19212.113
Elevation: 125.310 ft
5'WIDE
ESS ROAD
795.50
241.27
EL=127.12
SEE NOTE 5
24" CPP
FES-3
OE
125
120

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Savannah River
NUCLEAR SOLUTIONS℠
FLUOR • NEWPORT NEWS NUCLEAR • HONEYWELL

Removal Action Report for the 488-2D Ash Basin and 488-4D Ash Landfill (U)

CERCLIS Number: 63

SRNS-RP-2017-00057

Volume III (Includes Appendices R through U)

Revision 1

September 2017

DISCLAIMER

This document was prepared in conjunction with work accomplished under Contract No. DE-AC09-08SR22470 with the U.S. Department of Energy.

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Printed in the United States of America

Prepared for
U.S. Department of Energy
and
Savannah River Nuclear Solutions, LLC
Aiken, South Carolina

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APPENDIX R

ASH PROOF ROLL ACCEPTANCE REPORTS

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csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Best Available Copy

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-U90

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	See General Comments
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed a loaded dump truck proofroll the areas as shown on the attached map. With the exception of to the "noted areas" on the attached map, all other areas appeared to be firm and stable at this time. The noted areas contained saturated material from previous rain events. It was suggested to remove and allow to dry, or replace with a drier, more stable material.

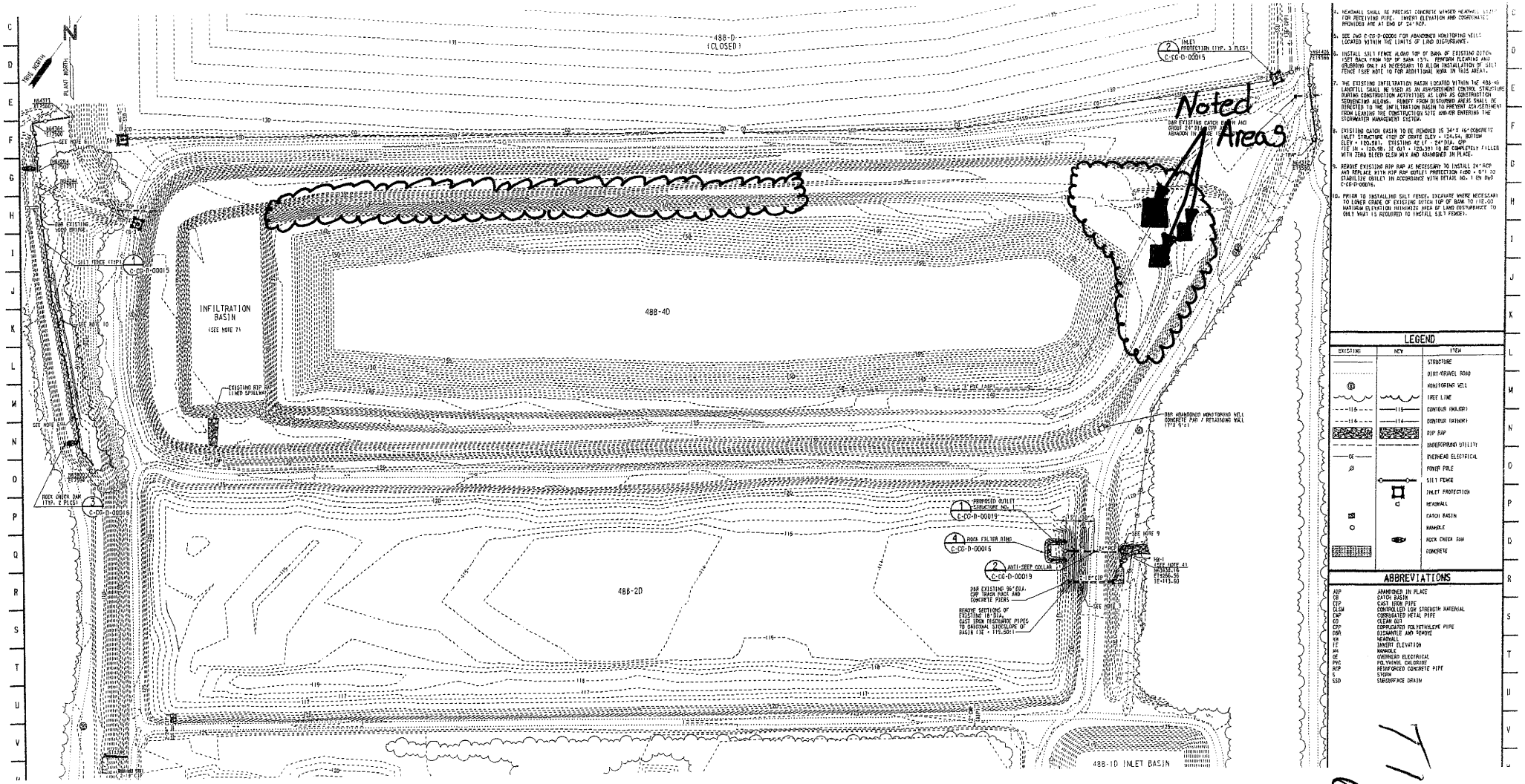
TOTAL TIME:	4.0 hours		
DATE:	June 9, 2015	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)

Proofroll
6-9-15
C2



7.5-4.90
6-9-15

Envirocon

Proof-Roll Inspection Addendum

Date: Monday, June 15th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Work Performed On-Site:

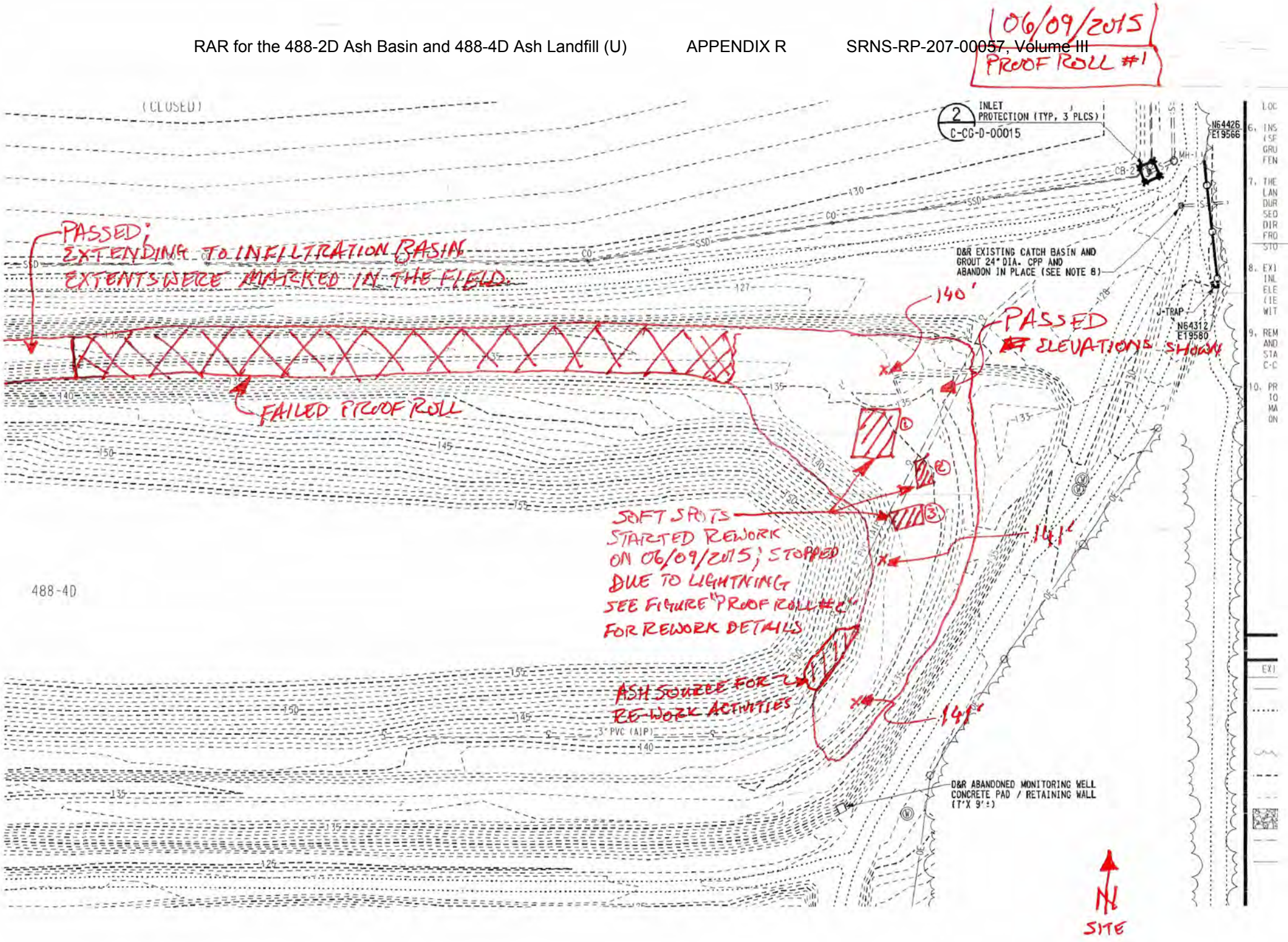
- As mentioned in CSRA's Construction Testing/Inspection report, dated June 9th, 2015, the "Noted Areas" were reworked as follows:
  - On June 9th, 2015, following the Proof Roll Inspection, the soft spots were excavated to a depth ranging from 18 inches to 24 inches (Sketches of Proof Roll 06/09/2015). Each lift was backfilled with drier ash material in 12 inch loose lifts and compacted with the roller with 5 vibratory passes.
- The inspection of the reworked areas was delayed due to rain on June 9th and June 10th. The areas were allowed to dry out before retesting.
- Due to Envirocon's Field Engineer's absence during proof roll, Site Superintendent Doug Hanson, SRNS STR Terry Schallick, and SRNS Engineer Don Baston witnessed the reworked proof-rolled areas today. After observing a 25 Ton articulating truck pass over each area several times, the noted areas were approved by all parties.



Date:	Time:	Direction of View / Location:
Monday, June 15th	1042	North / 488-4D

Subject:

The articulated truck (Volvo A25) performing final proof roll inspection on East side of 488-4D.


06/09/2015
PROOF ROLL #1
(CLOSED)
2
INLET PROTECTION (TYP. 3 PLCS)
C-CG-D-00015
N64426
E19566
MH-1
CB-2
PASSED;
EXTENDING TO INFILTRATION BASIN
EXTENTS WERE MARKED IN THE FIELD.
D&R EXISTING CATCH BASIN AND GROUT 24" DIA. CPP AND ABANDON IN PLACE (SEE NOTE 8)
140'
PASSED
AT ELEVATIONS SHOWN
J-TRAP
N64312
E19560
FAILED PROOF ROLL
SOFT SPOTS
STARTED REWORK
ON 06/09/2015; STOPPED
DUE TO LIGHTNING
SEE FIGURE "PROOF ROLL #2"
FOR REWORK DETAILS
141'
ASH SOURCE FOR
RE-WORK ACTIVITIES
141'
488-4D
3" PVC (AIP)
D&R ABANDONED MONITORING WELL
CONCRETE PAD / RETAINING WALL
(7'X 9'±)
N
SITE

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-Y14

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed a loaded dump truck proofroll the areas as shown on the attached map at elevation 140'. The area appeared to be unstable and pumping was noted in this area as well. It was suggested to allow this area to dry. If time is not available for drying out, removal and replacement or stabilization will be necessary.

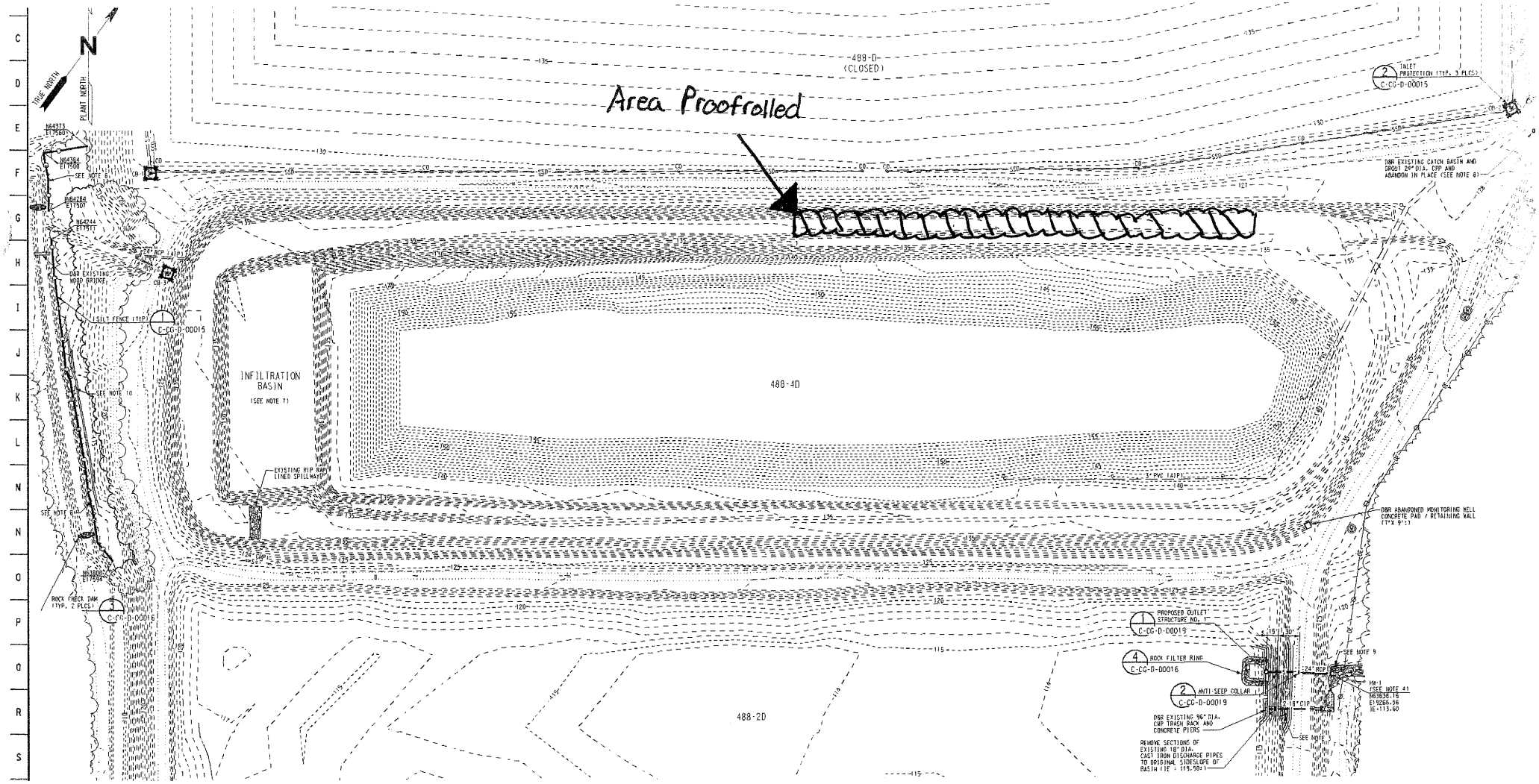
TOTAL TIME:	4.0 hours		
DATE:	June 24, 2015	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Envirocon
6-24-2015
CJ
T15-Y14



Envirocon

Proof-Roll Inspection Addendum

Date: Monday, July 6th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Work Performed On-Site:

- Per CSRA's Construction Testing/Inspection report, dated June 24th, 2015, the North Trench area, as shown in the report, was reworked as follows:
  - On June 24th, 2015, following the Proof Roll Inspection, the North Trench area was plowed up with the road grader (CAT G930B) to allow for the ash material to dry out.
  - On June 25th, 2015, the North Trench area was plowed up a second time to allow for mixing of the ash material and continued drying out. At the end of the workday the area was re-compacted with the roller #2 (CV122PDU) with 5 vibratory passes. Then the material was covered with uncompacted ash material to serve as protection over the weekend.
  - On June 29th, 2015, the uncompacted ash material was removed from the North Trench area and the top layer was re-compacted with the roller #2. The area was undisturbed until the Proof Roll Inspection on Tuesday, June 30th, 2015.
- In addition to reworking the North Trench area Envirocon prepared the ash material in the Infiltration Basin in preparation for the next Proof Roll Inspection on Tuesday, June 30th, 2015 (see CSRA Construction Testing/Inspection report dated, June 30th, 2015).

Attachments:

- Daily Field Engineer's Report, June 25th, 2015.
- Daily Field Engineer's Report, June 29th, 2015.

Envirocon

Daily Field Engineer Report

Date: Thursday, June 25th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Work Performed On-Site: (Detail work performed by Envirocon and Envirocon's subcontractors)

- Outer Boundary Area (West Slope): No progress today.
- 488-2D: Continued excavation and hauling operations today. Ash removal along the north bank was haulted once it reached the center ramp between 488-2D and 488-4D (see Daily Fill Report). Ash removal operations moved to the base at 1350 hours. Hauled 123 truckloads (est. 3,444 cu yds.) of ash material to 488-4D. The dozer #2 (CAT D6) helped to push ash material towards the excavator.
- 488-4D: Stockpiled ash material from 488-2D on top of 488-4D. Spread out the stockpiled ash material on the north and south face to help dry out the ash material before placement and compaction. Continued to rework the ash material in the North Trench area (see Daily Fill Report).
  - Used the Road Grader (CAT G930B) to plow up the ash material.
  - The ash material was re-compacted with the roller #2 (CV112PDU) and covered with approximately 18 inches of uncompacted ash material for protection over the weekend.
  - Removed ash material from the North Bank area to the top of 488-4D to allow for drying.
  - Completed construction of a new ramp between 488-4D and 488-2D located at the south of the infiltration basin (see Daily Fill Report).

Tests / Inspections Conducted Today:

Inspection	Specification / Requirement	Performed By	Description / Results
Daily Fill & Compaction	02300 3.13.B.3.	Morgan Crace	Daily Fill Placement & Compaction Report for June 25th, 2015.

Submittals Issued Today:

Submittal No.	Reference	Issued By	Description

Instructions Received or Given:

- None.

Conflict(s) in contract, Plans, and/or specifications:

- None.

Delays encountered:

- None.

Envirocon

Daily Field Engineer Report

Additional Comments:

- None.

Daily Quality Control Report – Attachments:

- Daily Fill Placement & Compaction Report for June 25th, 2015.

Date: Thursday, June 25th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Area of Backfill:

Location	Lift #	Elevation	Lift Thickness	Estimated Ash Volume
488-4D North Trench	N/A	140' to 142' Uncompacted Ash Covering	est. 18 in.	est. 750 cu yds.
488-4D Side Slopes	N/A	North & South faces of the existing stockpile	est. 12 in.	est. 1,200 cu yds
Est. Volume of Ash Material	488-2D 488-4D	Delivered & Stockpiled Grading **Net**		est. 3,444 cu yds. est. 1,950 cu yds **est. 5,394 cu yds**
Equipment Used		Compaction: Spreading: Delivering:		XCMG CV122PDU CAT D6 Volvo A40 (3)

Observations of Backfill & Compaction Operations:

- Hauled 123 truckloads of ash material from 488-2D to the north top of slope of 488-4D.
- The ash material was stockpiled on the north edge of the top of slope for the existing ash stockpile. The stockpiled ash material was spread out over the north and south face to help dry out the ash material.
- The North Trench area was plowed up for a second time with the road grader (CAT G930B) to allow for the ash material to dry out. After allowing for drying time then the ash material was re-compacted with the roller #2 (CV112PDU) with 5 vibratory passes.
- Mr. Crace (FE) inspected the re-compacted ash material in the North Trench area and determined that it was sufficiently compacted to pass the Proof Roll Inspection. Mr. Crace approved for the compacted ash material to be covered with loose ash material for the weekend.
- A new ramp was completed on the south end of the Infiltration Basin (see Daily Activity figure) for future hauling operations in/out of 488-2D.
- The saturated mixture of ash and clay material within the North Bank area

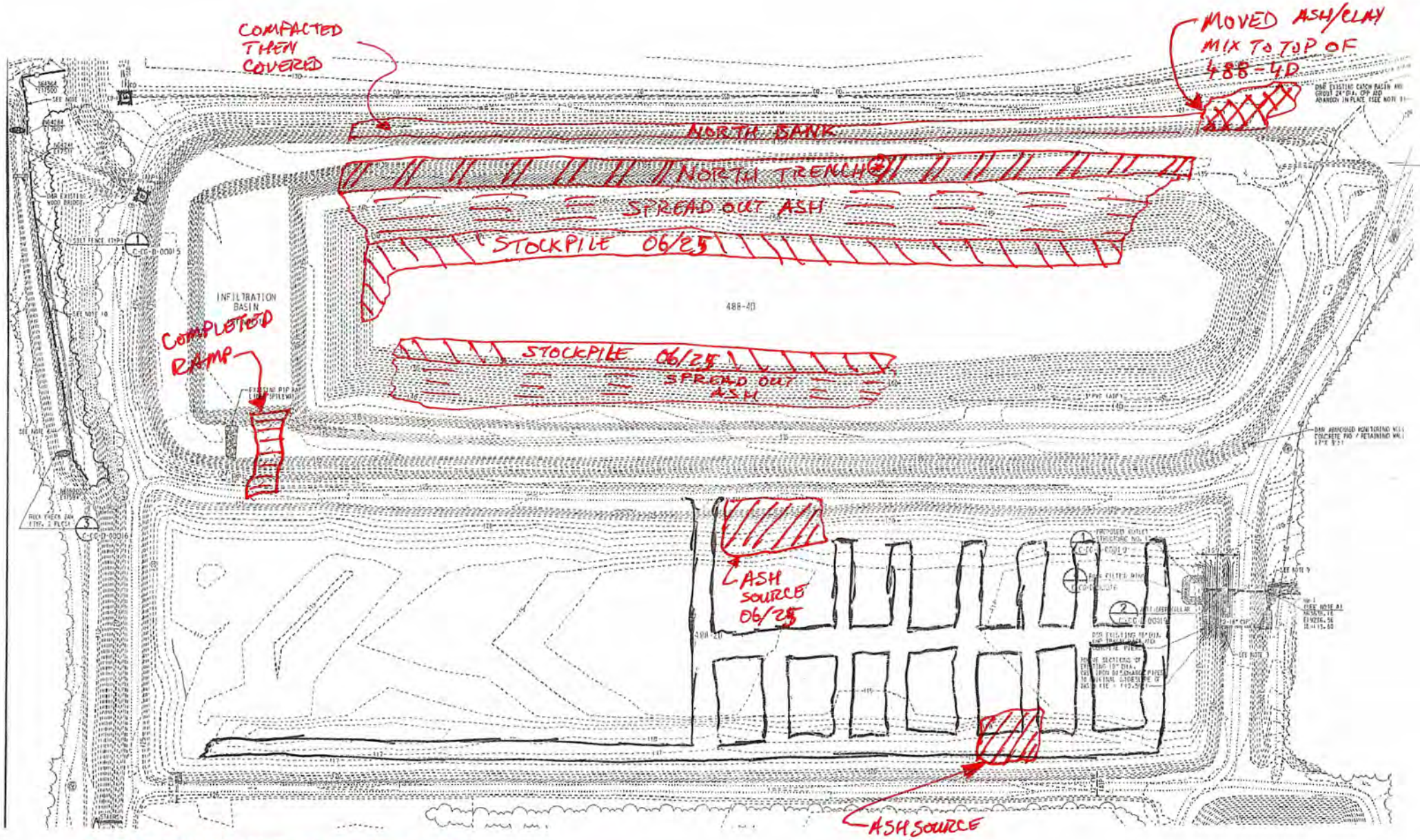
was collected by the front end loader (Komat'su 450) and stockpiled on top of 488-4D (see Daily Activity Drawing).

- No work was performed in the Infiltration Basin. Envirocon plans to evaluate the condtion of the ash material on Monday to verify the level of effort required to make the Infiltration Basin ready for a Proof Roll Inspection.
- Envirocon tentatively plans to have another Proof Roll Inspection on Tuesday, June 30th, 2015, following the Weekly Status Meeting.

Attachments:

- Daily Activity Drawing for Thursday, June 25th, 2015.
- Photos from Thursday, June 25th, 2015.

THURSDAY JUNE 25th 2015



(#) REWORKED NORTH TRENCH AT 140.8' ELEVATION. RECOMPACTED, THEN COVERED WITH LOOSE MATERIAL FOR PROTECTION OVER THE WEEKEND.

Envirocon



Date:	Time:	Direction of View / Location:
Thursday, June 25th	0719	North / 488-2D

Subject:

The excavator (Komat'su 490) is loading the articulating trucks (Volvo A40) from the north end of 488-2D. The trucks are delivering the ash to the top of the existing stockpile in 488-4D.



Date:	Time:	Direction of View / Location:
Thursday, June 25th	1426	West / 488-2D

Subject:

The ash removal operations have moved to the south end of 488-2D (as shown on the Daily Activity Drawing) & continuing westward.

Envirocon



Date:	Time:	Direction of View / Location:
Thursday, June 25th	1315	East / 488-4D North Trench

Subject:

The roller #2 (CV112PDU) is re-compacting the ash material. The dozer #3 (CAT D6 – out of photo) is spreading a cover of loose ash material to help protect the 8th lift on the North Trench.

Envirocon

Daily Field Engineer Report

Date: Monday, June 29th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Work Performed On-Site: (Detail work performed by Envirocon and Envirocon's subcontractors)

- Outer Boundary Area (West Slope): Repaired undermining of silt fence.
- 488-2D: Continued excavation and hauling operations today. Hauled 113 truckloads (est. 3,164 bank cu yds.) of ash material to 488-4D. Excavation continued westward on the floor of 488-2D (see attached Daily Fill Report). The dozer #2 (CAT D6) pushed the ash material towards the excavator (Komat'su 450) to assist with loading operations.
- 488-4D: Stockpiled ash material from 488-2D on top of 488-4D. Spread out the stockpiled ash material on the north and south face of the existing stockpile (see Daily Fill Report). Prepared the North Trench area and the Infiltration Basin area for the Proof Roll Inspection tomorrow.
  - Removed ash covering from the North Trench area and moved the ash to the North Bank area for compaction.
  - Mr. Crace (FE) and Ms. Schallick (STR) performed a preliminary proof roll inspection with an empty water truck, weighing 25 tons. No major problem spots were located and determined both the Infiltration Basin and the North Trench areas are ready for the Proof Roll Inspection.
  - Stockpiled saturated ash material from the North Bank area on top of 488-4D's existing ash stockpile.

Tests / Inspections Conducted Today:

Inspection	Specification / Requirement	Performed By	Description / Results
Daily Fill & Compaction	02300 3.13.B.3.	Morgan Crace	Daily Fill Placement & Compaction Report for June 29th, 2015.

Submittals Issued Today:

Submittal No.	Reference	Issued By	Description

Instructions Received or Given:

- Proof Roll Inspection is scheduled for Tuesday, June 30th, 2015, immediately following the Weekly Status Meeting at 1300 hours.
- Mr. Evans scheduled the Weekly SWPPP Inspection for Wednesday, July 1st, 2015, at 0800 hours.

Conflict(s) in contract, Plans, and/or specifications:

- None.

Envirocon

Daily Field Engineer Report

Delays encountered:

- None.

Additional Comments:

- None.

Daily Quality Control Report – Attachments:

- Daily Fill Placement & Compaction Report for June 29th, 2015.

Date: Monday, June 29th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Area of Backfill:

Location	Lift #	Elevation	Lift Thickness	Estimated Ash Volume
488-4D North Trench		133 ft to 141 ft to 138 ft *Prepared for Proof Roll*	N/A	est. 300 cu yds
488-4D Infiltration Basin		130.5 ft to 129.5 ft *Prepared for Proof Roll*	N/A	est. 52 cu yds
488-4D North Bank	3	128 ft to 125 ft	6 inches	est. 100 cu yds
Est. Volume of Ash Material	488-2D 488-4D	Delivered & Stockpiled Grading **Net**		est. 3,248 cu yds. est. 452 cu yds **est. 3,700 cu yds**
Equipment Used		Compaction: Spreading: Delivering:	XCMG CV122PDU CAT D6 Volvo A40 (3)	

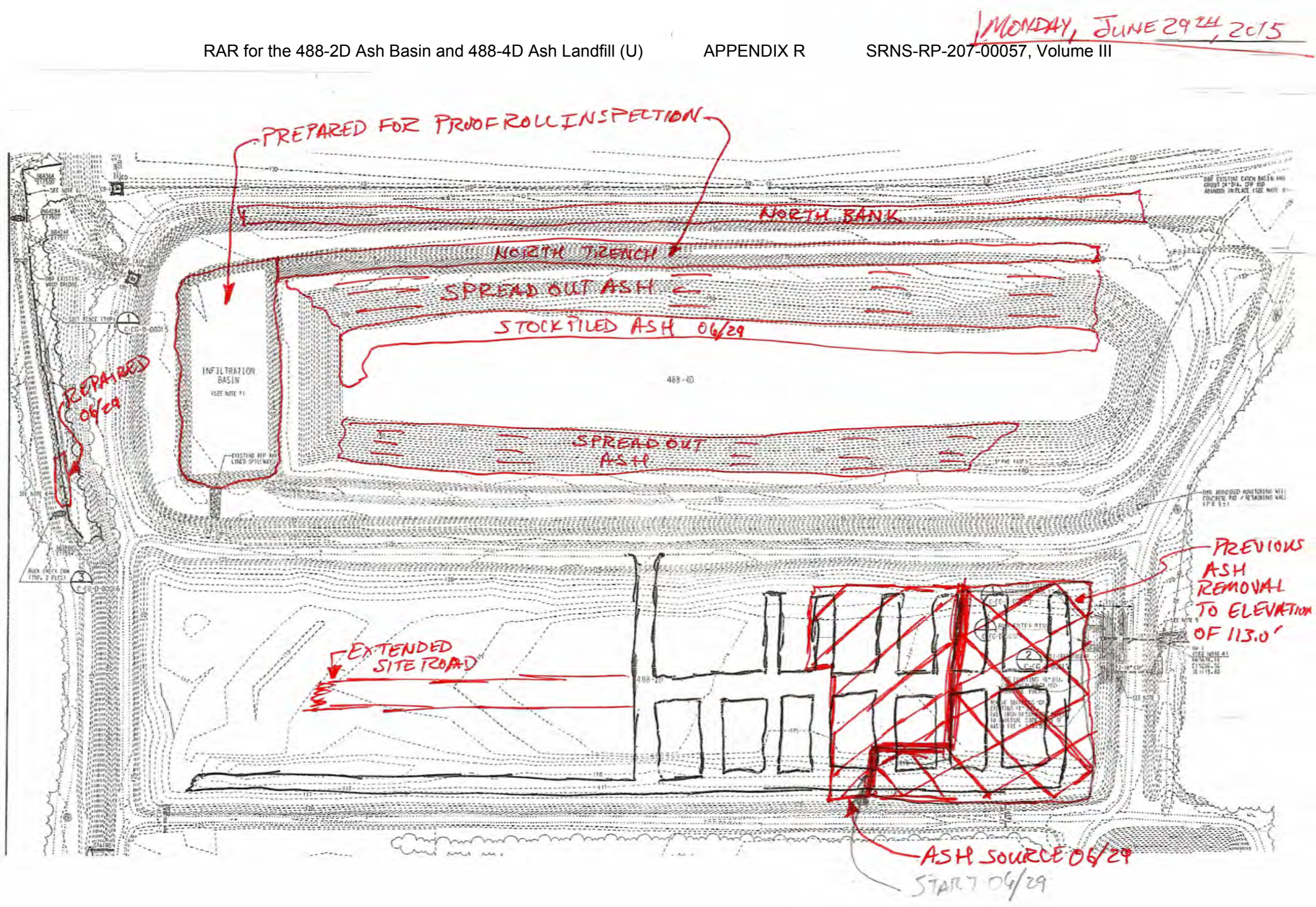
Observations of Backfill & Compaction Operations:

- Hauled 116 truckloads of ash material from 488-2D to the north top of slope of 488-4D.
  - The stockpiled ash material was spread out over both the north and south faces of the existing ash stockpile.
- The Infiltration Basin and the North Trench areas were prepared for the Proof Roll Inspection scheduled for Tuesday, June 30th, 2015. The areas had the top 3 inches scraped off and re-compacted with the roller with a minimum of 5 vibratory passes.
  - The areas were then inspected by Mr. Crace (FE) and Ms. Schallick (STR) with the use of an empty water truck to check for any soft spots. No major issues were found with the preliminary proof roll inspection. The official proof roll inspection will be performed tomorrow, June 30th, 2015.

- The cover ash that was scraped off the top of the North Trench was pushed over to the North Bank area.
- The North Bank area had low spots filled in with ash material from the North Trench & 488-2D. The entire area was compacted with 5 vibratory passes from the roller #2. The saturated ash material was consolidated on the east end and removed, by the front-end loader (Komat'su 450) to the stockpile area in 488-4D (est. 50 cu yds).

Attachments:

- Daily Activity Drawing for Monday, June 29th, 2015.
- Photos from Monday, June 29th, 2015.


MONDAY, JUNE 29TH, 2015
PREPARED FOR PROOFROLL INSPECTION
NORTH BANK
NORTH TRENCH
SPREAD OUT ASH
STOCKPILED ASH 06/29
INFILTRATION BASIN
PREPARED 06/29
SPREAD OUT ASH
488-4D
EXTENDED SITE ROAD
PREVIOUS ASH REMOVAL TO ELEVATION OF 113.0'
ASH SOURCE 06/29
START 06/29

Envirocon



Date:	Time:	Direction of View / Location:
Monday, June 29th	0714	North / 488-4D Infiltration Basin

Subject:

The Dozer #2 (CAT D6) is scraping off the top 3 inches of ash material to prep the infiltration basin for the Proof Roll Inspection. The roller #2 (CV112PDU) is compacting the ash material.



Date:	Time:	Direction of View / Location:
Monday, June 29th	0747	North / 488-4D North Trench

Subject:

The Dozer #3 (CAT D6) is pushing the ash cover off of the top lift from the North Trench. The ash material is pushed to the north to the North Bank area.

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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-Y35

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed a loaded dump truck proofroll the areas at elevations as shown on the attached map. Areas observed appeared to be firm and stable at this time.

TOTAL TIME:	4.0 hours		
DATE:	June 30, 2015	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Accredited by AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-AA34

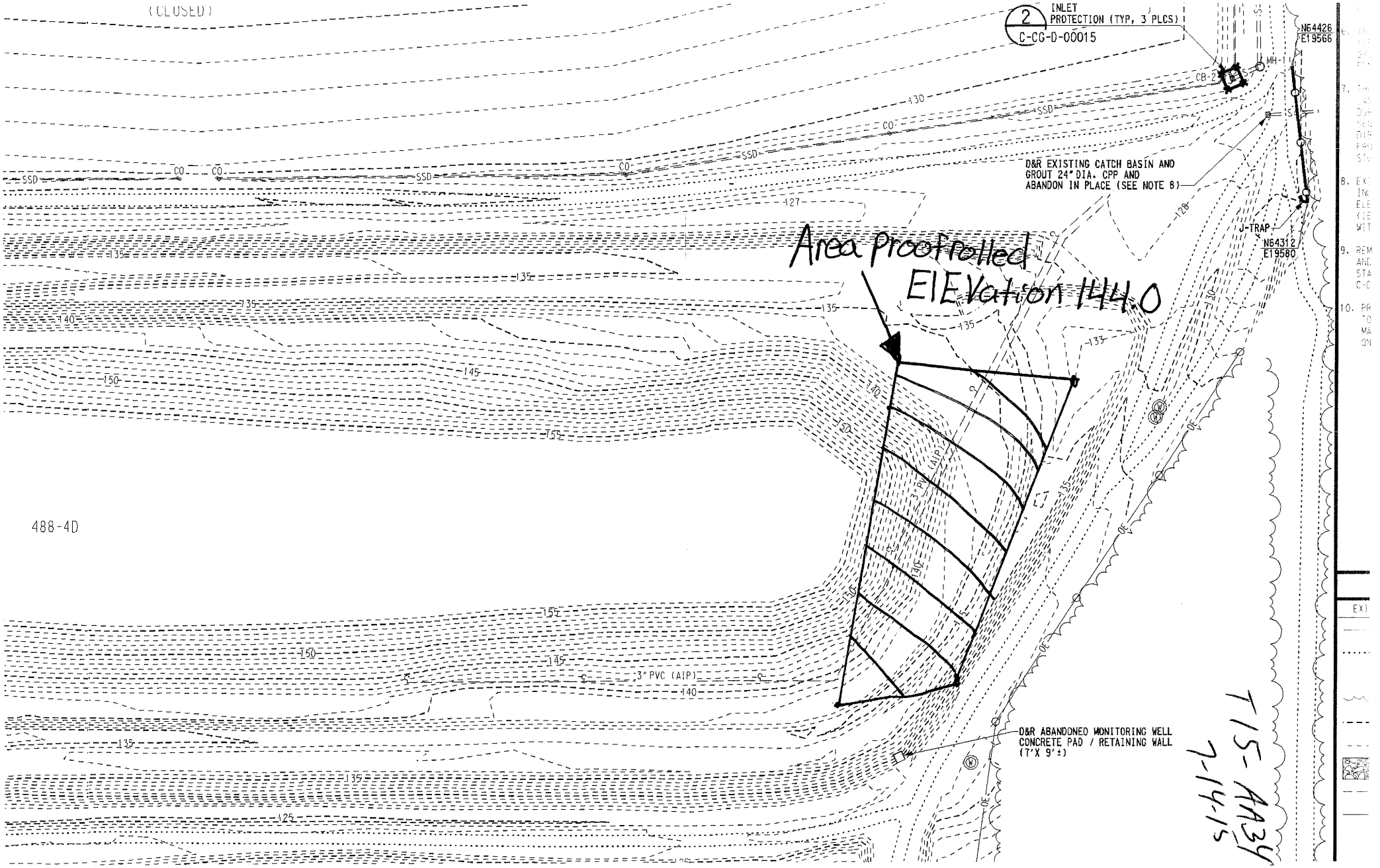
WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed a empty water truck proofroll the areas at elevations as shown on the attached map. The area appeared to be unstable and pumping was noted in this area as well. It was suggested to allow this area to dry. If time is not available for drying out, removal and replacement or stabilization will be necessary.

TOTAL TIME:	4.0 hours		
DATE:	July 14, 2015	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Accredited by AASHTO Accreditation Program (AAP)


(CLOSED)
2 INLET PROTECTION (TYP, 3 PLCS)
C-CG-D-00015
N64426
E19566
MH
CB-2
D&R EXISTING CATCH BASIN AND GROUT 24" DIA. CPP AND ABANDON IN PLACE (SEE NOTE 8)
J-TRAP
N64312
E19580
Area Proofrolled
Elevation 144.0
488-4D
3" PVC (AIP)
D&R ABANDONED MONITORING WELL CONCRETE PAD / RETAINING WALL (7'X 9'±)
T15-A434
7-14-15

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-BB92

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the areas at elevations as shown on the attached map. Areas observed appeared to be firm and stable at this time.

TOTAL TIME:	4.0 hours		
DATE:	July 23, 2015	TECHNICIAN:	Chris Lowry

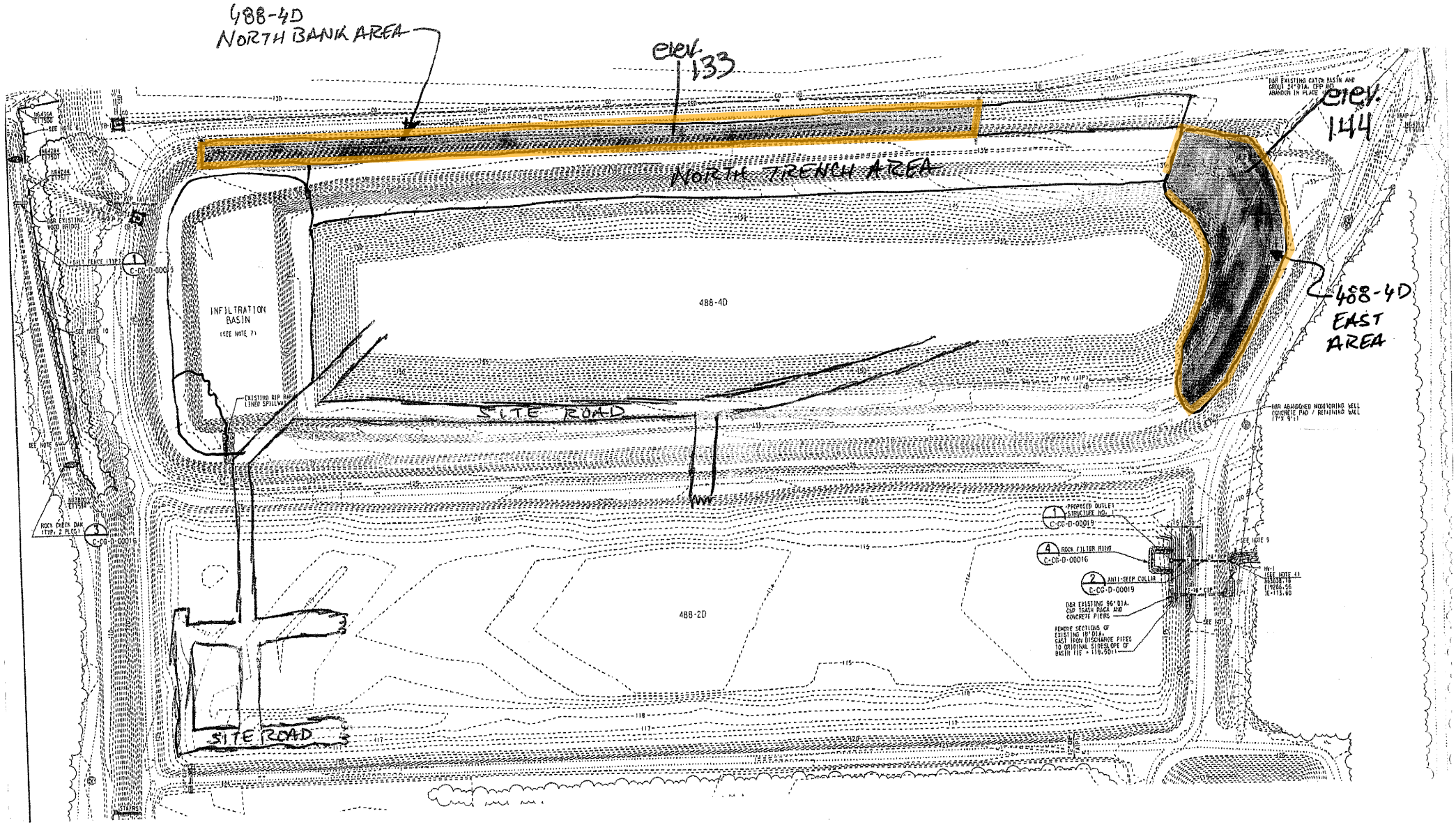
SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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TTS-BBG12
7-23-15

= Areas Proofrolled



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CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-EE67

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll three (3) areas at elevations shown on the attached map. Areas in blue appeared to be firm and stable at this time. Areas in red appeared to be pumping and unstable at this time. As per contractor, unstable areas to be excavated and placed with a drier material before placing next lift.

TOTAL TIME:	4.0 hours		
DATE:	August 12, 2015	TECHNICIAN:	David Turner

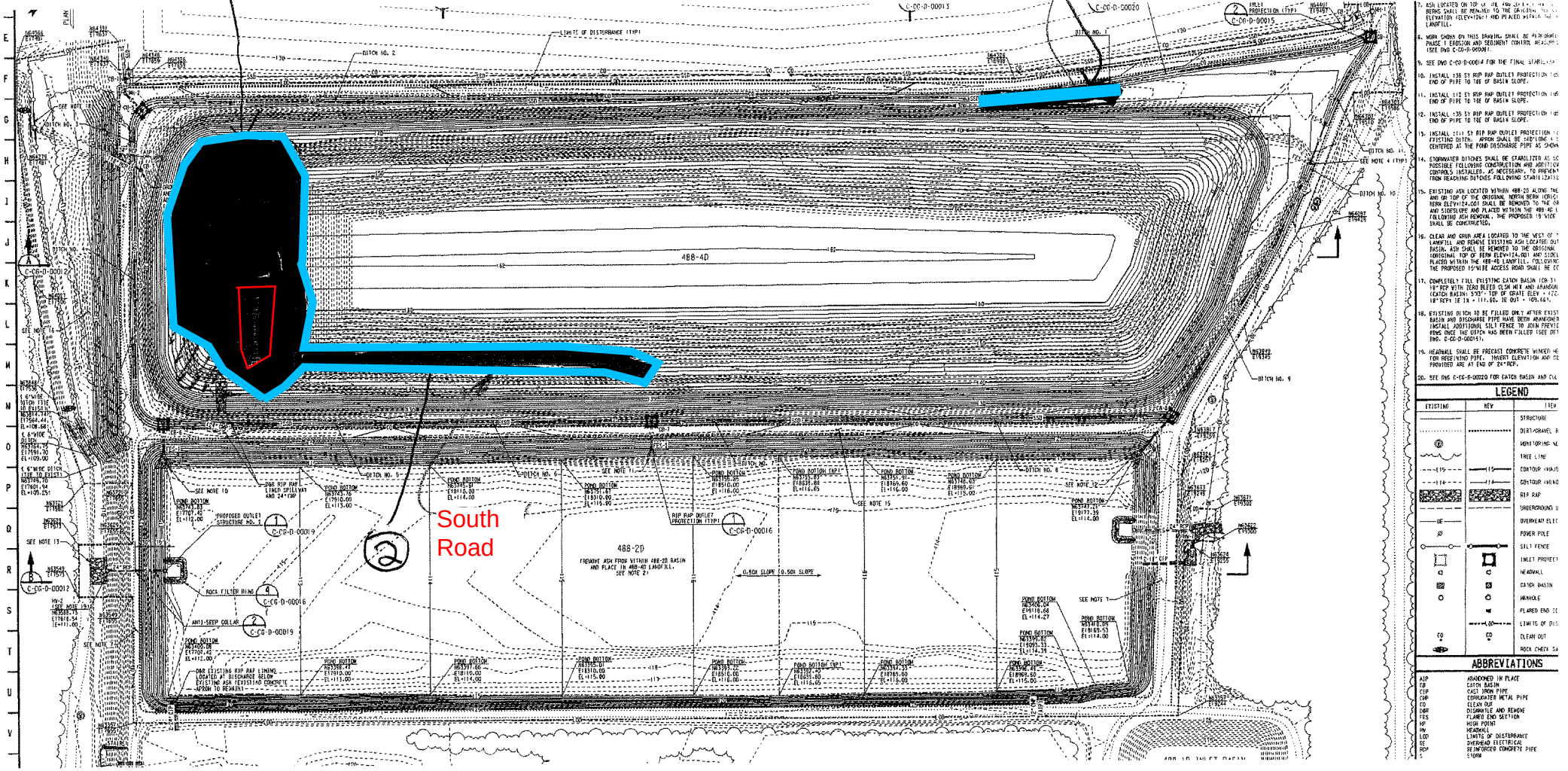
SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Lift #8/Elev. 133'-134'

14' from toe of slope, north elev. 132'



T15-EE67
8/12/15

Envirocon

Proof-Roll Inspection Addendum

Date: Monday, August 17th, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Repair Work Performed:

- Per CSRA's Construction Testing/Inspection report, dated August 12th, 2015, the following repairs were made in the Infiltration Basin:
  - On August 12th, 2015, following the Proof Roll Inspection, the soft spot (50' x 25') was excavated down 2'. Used dozer #3 (CAT D6) to excavate and spread out the ash fill material. Mr. Crace (FE) observed the backfilling of the soft spot. The ash fill material was backfilled in 3 lifts. East lift was compacted with 6 vibratory passes from the sheeps-foot roller (CV122PD). The repair was completed by 1355 hours and the area was not touched for the rest of the day.
  - On the morning of August 13th, 2015, the soft spot was rechecked with an empty water truck under the observation of Mr. Baston (SRNS), per his request. The soft spot was found to be pumping, unlike earlier in the morning. The soft spot was excavated a second time and allowed to dry out for about 3 hours. At 1330 hours the soft spot was backfilled with ash fill material from the adjacent area under Mr. Crace's supervision. Each lift was compacted with 6 vibratory passes from the sheeps-foot roller.
  - On August 14th, 2015, the repair to the soft spot was rechecked with the empty water truck with Mr. Crace and Ms. Schallick (STR) observing. The compacted fill was still pumping. The soft spot was ripped open to allow the fill material to dry. It was compacted with the smooth-drum roller and rechecked with an empty water truck. The compacted fill material was still too soft to pass and decided to leave the area alone and recheck on Monday, August 17th, 2015.
  - On Monday, August 17th, 2015, the soft spot was checked. A proof roll recheck with the empty water truck was performed. The soft spot passed the Proof Roll.
- For the North Slope the compacted fill was approved up to 14' from the toe of the slope. Later, Mr. Crace (FE) verified the design slope for the ash fill material and determined the design slope would fall within the approved 14' width. Therefore, no additional work is required in the North Slope area (elevation 132').

Attachments:

- Site photographs from August 12th through August 17th, 2015.

Envirocon

Daily Photo Log



Date:	Time:	Direction of View / Location:
Wednesday, August 12th	1230	South / 488-4D Infiltration Basin

Subject:

The excavated soft spot excavated 2' down. The base was compacted with the sheeps-foot roller before starting to place backfill into the soft spot.



Date:	Time:	Direction of View / Location:
Wednesday, August 12th	1340	East / 488-4D Infiltration Basin

Subject:

The sheeps-foot roller (CV122PD) is compacting the 3rd lift of the backfill for the repaired soft spot with 6 vibratory passes.



Date:	Time:	Direction of View / Location:
Friday, August 14th	0915	North / 488-4D Infiltration Basin

Subject:
The loader (Komat'su 450) is spreading clean fill in the repaired soft spot to help firm up the compacted fill for the 3rd attempt to repair the area.



Date:	Time:	Direction of View / Location:
Monday, August 17th	0721	Southeast / 488-4D Infiltration Basin

Subject:
The repaired soft spot passes the proof roll inspection with the empty water truck, after firming up over the weekend.

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CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-HH60SI

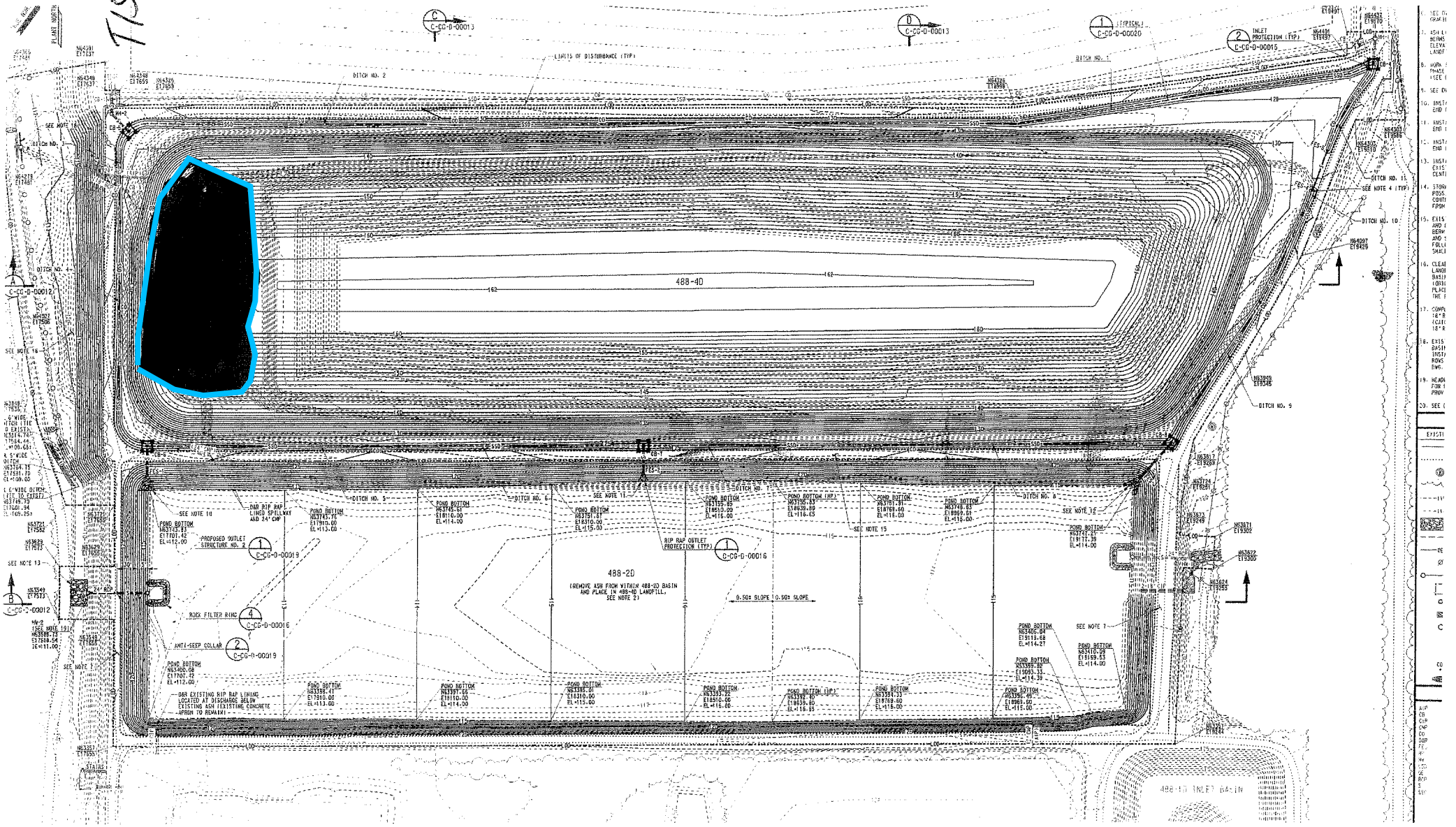
WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll area shown on the attached map. Area observed appeared to be firm and stable at this time.

DATE:	September 2, 2015	TECHNICIAN:	David Turner

David Turner
SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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488-4D
488-2D
(REMOVE ASH FROM WITHIN 488-2D BASIN AND PLACE IN 488-4D LANDFILL, SEE NOTE 2)
0.50% SLOPE
0.50% SLOPE
LIMITS OF DISTURBANCE (TYP)
DITCH NO. 2
DITCH NO. 5
DITCH NO. 6
DITCH NO. 8
DITCH NO. 9
DITCH NO. 10
DITCH NO. 11
RIP RAP OUTLET PROTECTION (TYP)
ROCK FILTER RING
ANTI-SEEP COLLAR
PROPOSED OUTLET STRUCTURE NO. 2
INLET PROTECTION (TYP)
488-4D INLET BASIN

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Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-HH55PR

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll area and elevation shown on the attached map. The area appeared unstable and pumping at this time. It was suggested to allow this area to dry. If time is not available for drying out, removal and replacement or stabilization would be necessary.

DATE:	August 26, 2015	TECHNICIAN:	David Turner

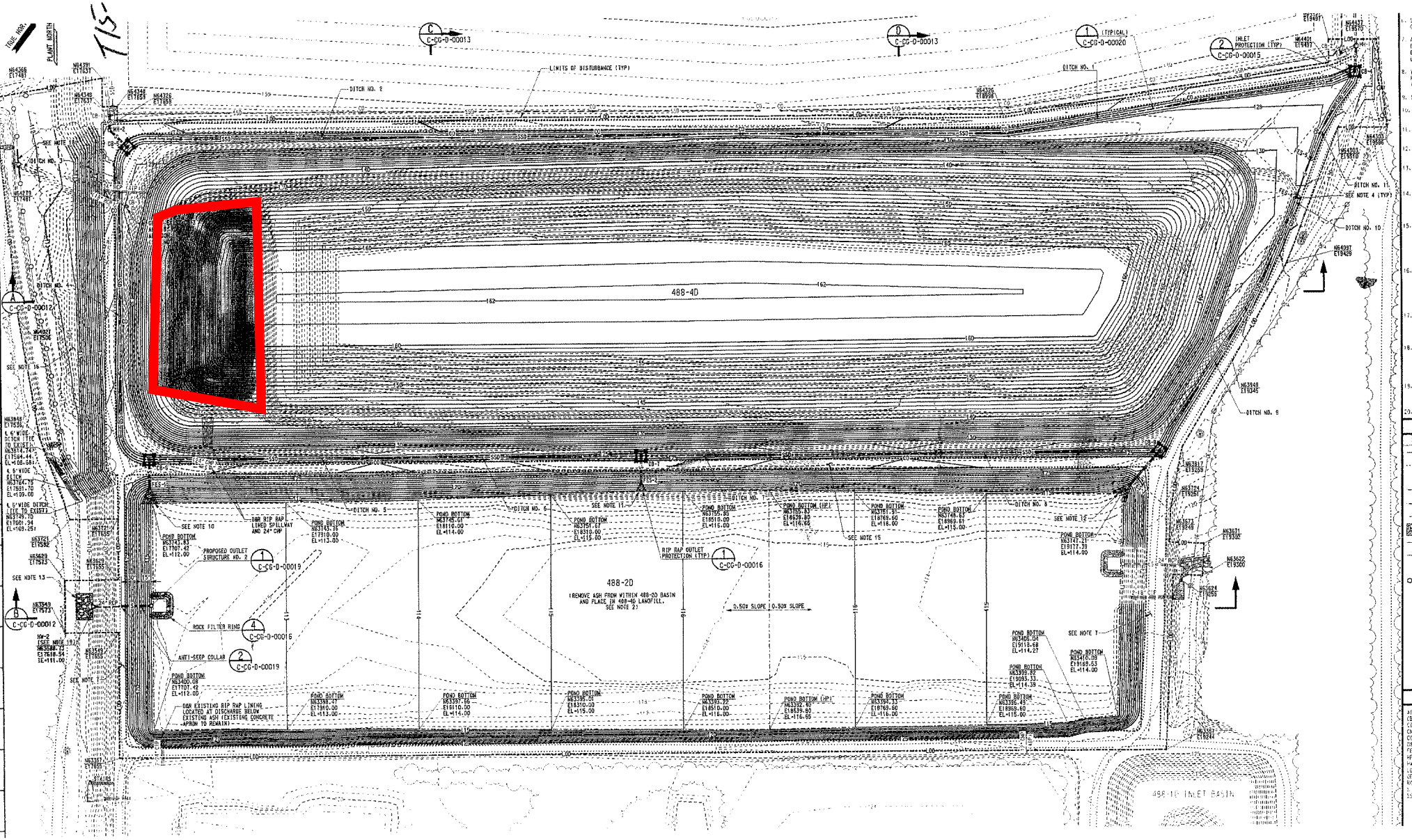
David Turner
SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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TIS-HH SS PR

Elv. 137



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CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Hot	REPORT NO:	T15-HH55SI

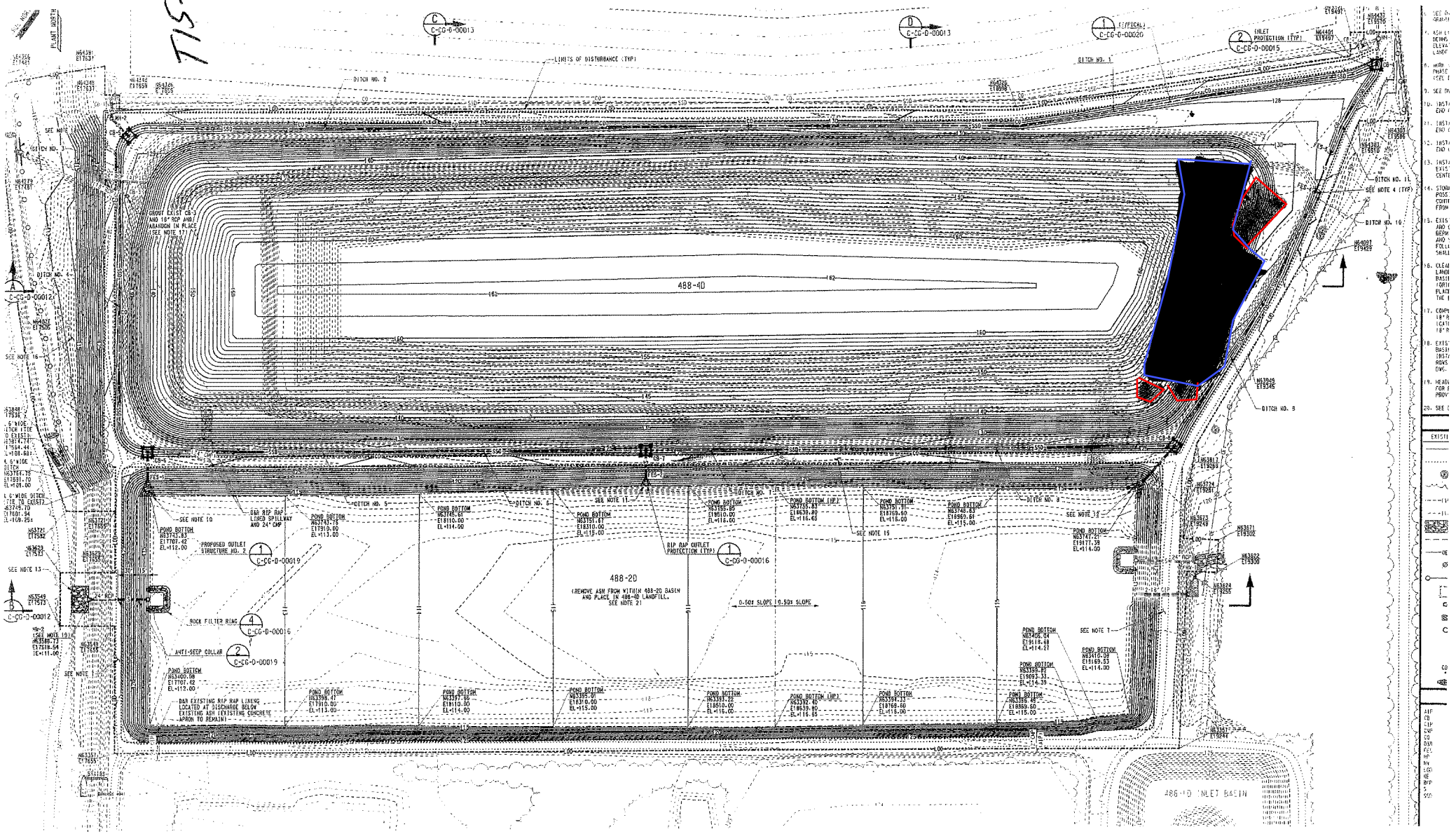
WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll area and elevation shown on the attached map. Area in blue appeared to be firm and stable at this time. Areas in red appeared to be pumping and unstable at this time. As per contractor, unstable areas to be excavated and placed with a drier material before placing next lift.

DATE:	August 26, 2015	TECHNICIAN:	David Turner

David Turner
SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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488-4D
488-2D
(REMOVE ASH FROM WITHIN 488-2D BASIN AND PLACE IN 488-4D LANDFILL. SEE NOTE 21)
LIMITS OF DISTURBANCE (TYP)
DITCH NO. 1
DITCH NO. 2
DITCH NO. 5
DITCH NO. 6
DITCH NO. 7
DITCH NO. 8
DITCH NO. 9
DITCH NO. 10
DITCH NO. 11
SEE NOTE 4 (TYP)
SEE NOTE 10
SEE NOTE 11
SEE NOTE 15
SEE NOTE 16
SEE NOTE 18
PROPOSED OUTLET STRUCTURE NO. 2
RIP RAP OUTLET PROTECTION (TYP)
ROCK FILTER RING
ANTI-SEEP COLLAR
0.50% SLOPE
0.50% SLOPE
INLET PROTECTION (TYP)
TYPICAL
ARS-1D INLET BASIN

Envirocon

Proof-Roll Inspection Addendum

Date: Wednesday, September 2nd, 2015	
Project Title: SRNS 488-4D Ash Landfill	**Location: Jackson, SC**

Repair Work Performed:

- Per CSRA's Construction Testing/Inspection report, dated August 26th, 2015, the following repairs were made in the East Area:
  - On August 27th, 2015, the road grader (CAT G930B) used the grippers to plow up the identified soft spots in the East Area. The material was allowed to dry out for the morning. At 1300 hours, Mr. Crace (FE) inspected the compacted soft spots with the probe rod and an empty water truck. Determined the compacted fill material was still pumping and would fail the Proof Roll. Did not perform any additional repair work and allowed the compacted fill to firm up over the weekend.
  - On Monday, August 31st, 2015, Mr. Crace and Ms. Schallick (STR) inspected the soft spot with an empty water truck and found the soft spots were not ready. The soft spots were left alone and allowed to dry out for the day. At 1530 hours, Mr. Crace inspected the soft spots, again, with the probe rod and determined the soft spots were ready for a Proof Roll in the morning.
  - On Tuesday, September 1st, 2015, Mr. Crace and Ms. Schallick observed the soft spots during a preliminary proof roll with the empty water truck. The compacted fill material was still pumping. At the Weekly Status Meeting Mr. Crace discussed the issue with Mr. Baston (SRNS). Following the meeting another Proof Roll was performed with Mr. Baston observing. Afterwards it was agreed to excavate at least 1' depth for the areas in the site road and along the east edge of the lift. After the excavated locations were backfilled and compacted with drier ash fill material then Envirocon can proceed with the next 4' of fill.
  - On Wednesday, September 2nd, 2015, the marked soft spots were excavated 1' under the supervision of Mr. Crace with Ms. Schallick observing. The excavated spoils were pushed to the east. The drier ash fill was pushed from the east slope of the 488-4D Impoundment.
- Attempted to perform the Proof Roll on the Infiltration Basin, but it was called off by Mr. Crace (FE) after the first couple of passes. It was determined the whole area was too soft and would need time to dry out.

Attachments:

- Site photographs from September 2nd, 2015.

Morgan Crace

Envirocon

Daily Photo Log



Date:	Time:	Direction of View / Location:
Wednesday, September 2nd	0723	North / 488-4D East Area

Subject:

The dozer #2 (CAT D6) is pushing the excavated ash fill off to the east of the current lift in order to allow for the ash to dry out and to be reused on the east face of the landfill.



Date:	Time:	Direction of View / Location:
Wednesday, September 2nd	0725	North / 488-4D East Area

Subject:

The smooth-drum roller (CV122PD) is compacting the backfilled ash with 5 vibratory passes.

Envirocon

Daily Photo Log



Date:	Time:	Direction of View / Location:
Wednesday, September 2nd	0734	Southeast / 488-4D East Area

Subject:

Terry (STR) is observing the repair work for the soft spots in 488-4D East Area. The smooth-drum-roller (CV122PD) is compacting the ash fill, while the dozer #3 (CAT D6) is spreading the ash fill material.

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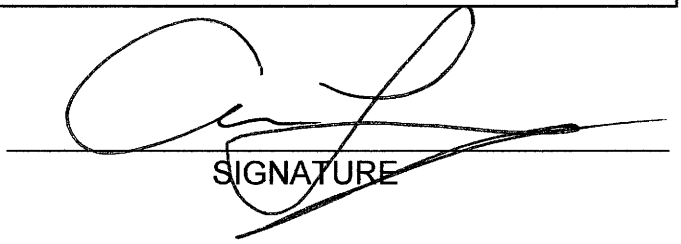
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Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Cool	REPORT NO:	T15-TT02SI

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the east area at elevation 148.0. Area observed appeared to be firm and stable at this time.

DATE:	December 1, 2015	TECHNICIAN:	Chris Lowry



SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Warm	REPORT NO:	T15-PP01

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the areas at elevation as shown on the attached map. With the exception of the "noted areas" on the attached map. All other areas appeared to be firm and stable at this time. The noted areas contained saturated material from previous rain events. It was suggested to remove and allow to dry or replace with a drier, more stable material.

TOTAL TIME:	4.0 hours		
DATE:	October 26, 2015	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

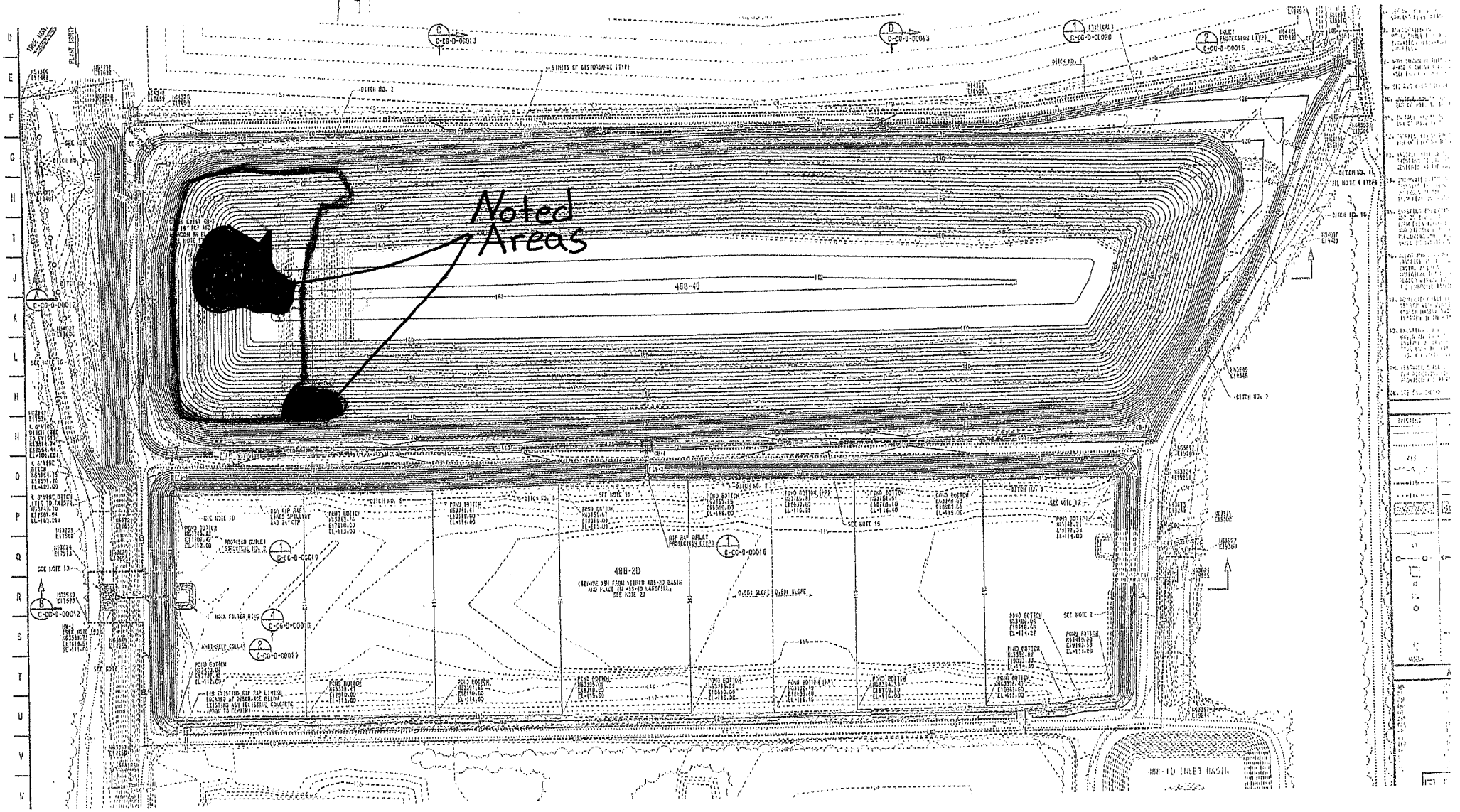
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Proofroll
10-26-15
C2

765-806

elevation=141

141



Envirocon

Proof-Roll Inspection Addendum

Repair Work Performed:

- Per CSRA's Construction Testing/Inspection report, dated October 26th, 2015, the following repairs were made in the Infiltration Basin:
- No site work was performed on Tuesday, October 27th, and Wednesday, October 28th, due to 0.48" of rain through Wednesday night.
- On Thursday, October 29th, excavated 466 BCY of saturated compacted ash from both soft spots delineated from the proof roll inspection on Monday, October 26th. Backfilled with 466 BCY of ash fill material from the east end of 488-4D Impoundment.
- On Friday, October 30th, excavated 377 BCY of saturated compacted ash from the soft spots backfilled yesterday (Oct. 29th). The excavations were backfilled with wet ash fill in case there was no site work today due to the Safety Time-Out. The 377 BCY of saturated ash fill was loaded onto an articulating truck (Volvo A30) and delivered to the southeast portion of the top of the Impoundment.
- No additional work was performed from Monday, November 2nd, until Wednesday, November 11th, due to the saturated site conditions (4.80" of rain). Starting on Thursday, November 12th, the area was plowed up to dry out.
- On Monday, November 16th, re-compacted the ash fill material in the Infiltration Basin with 4 vibratory passes with the sheeps-foot roller (CV122PD) and 2 vibratory passes from the smooth-drum roller (CV122PD). Mr. Crace (FE) inspected the compacted fill with the probe rod and determined the fill adjacent to the Impoundment (25' x 135') was still too wet and pumping under the weight of the roller. The ash fill was excavated down 1.5' and replaced with 191 BCY of drier ash from the top of the Impoundment. The repair was compacted with 4 vibratory passes with the sheeps-foot roller (CV122PD) and 2 vibratory passes from the smooth-drum roller (CV122PD). Tentatively, scheduled a Proof Roll Inspection for tomorrow afternoon following the Weekly Status Meeting.
- On Tuesday, November 17th, Mr. Crace performed a proof roll check with the empty water truck. The fill failed the proof roll check. Mr. Crace (FE) instructed the entire north half of the Infiltration Basin to be plowed up to allow for drying. The tractor (NH 8770) pulled the disc plow across the north half of the Infiltration Basin
- On Wednesday, November 18th, plowed up the ash fill with the tractor (MH 8770) to allow for the compacted ash fill material to dry out. At the end of the day the area was sealed up with 2 static passes with the smooth-drum roller (CV122PD).
- There was no site work on Thursday, November 19th, and Friday, November 20th, due to 1.51" of rainfall over the 2 days.
- On Monday, November 23rd, excavated 126 BCY of saturated ash fill from the SE corner of the Infiltration Basin and backfilled with 126 BCY of common fill from the Borrow Pit and compacted with 5 vibratory passes from the smooth-drum roller (CV122PD).
- On Tuesday, November 24th, excavated 605 BCY of saturated ash fill from the north-half (est. 0.35 acres) of the Infiltration Basin. Due to all of the rains, Mr. Crace decided to excavate the entire north half of the Infiltration Basin. Backfilled the repair spot with 335 BCY of common fill from the Borrow Pit (only half the repair was backfilled today). The backfill was not compacted today. The common fill was spread out by the dozer #2 (CAT D6).
- On Wednesday, November 25th, completed the backfill of the repair spot with 270 BCY of common fill from the Borrow Pit. The common fill was spread out by the dozer #2 (CAT D6) and compacted with the smooth-drum roller (CV122PD).

Envirocon

Proof-Roll Inspection Addendum

- On Monday, November 30th, returned to site work following the Thanksgiving holiday. Compacted all repair spots with 4 vibratory passes from the sheeps-foot roller and 2 vibratory passes from the smooth-drum roller. Mr. Crace (FE) and Ms. Schallick (STR) observed the empty water truck perform a proof roll check of the compacted fill (Lift #17) and determined the fill in the north repair spot failed due to high moisture. Mr. Crace instructed the tractor (NH 8770) to plow up the north repair of the Infiltration Basin with the disc plow to allow for the fill to dry out in preparation for a potential proof roll inspection tomorrow.
- On Tuesday, December 1st, performed a proof roll inspection today, after the area was recompacted with the smooth-drum roller (CV122PD). The area passed with a soft spot in the center (30' x 30'). The soft spot was repaired by excavating down 18" bgs and backfilling with dry ash from the top of the Impoundment. The 60 BCY of ash was placed in two lifts and compacted with the sheeps-foot roller (CV122PD; 4 vibratory passes) and smooth-drum roller (CV122PD; 2 vibratory passes). Following the completion of the repair the Infiltration Basin is approved to receive fill up to elevation 145'.

Attachments:

- Photograph Log

Morgan Crace FIELD ENGINEER 12/31/2015

Envirocon



Date:	Time:	Direction of View / Location:
Thursday, October 29th	0814	North / 488-4D Infiltration Basin

Subject:

A view of the Infiltration Basin after 0.48” of rain the previous two days.



Date:	Time:	Direction of View / Location:
Thursday, October 29th	1159	South / 488-4D Infiltration Basin

Subject:

A view of the excavated south repair spot. Excavated down 12” bgs.

Envirocon



Date:	Time:	Direction of View / Location:
Friday, October 30th	0824	West / 488-4D Infiltration Basin

Subject:

Dozer #4 (CAT D6) is re-excavating the south repair spot to replace the wet ash fill with drier ash fill from the top of the Impoundment.



Date:	Time:	Direction of View / Location:
Tuesday, November 3rd	0734	North / 488-4D Infiltration Basin

Subject:

The Infiltration Basin following the 2.04” of rainfall during the previous night (11/02). An additional 0.78” of rain fell during the day.

Envirocon



Date:	Time:	Direction of View / Location:
Wednesday, November 11th	1526	North / 488-4D Infiltration Basin

Subject:

The tractor (NH 8770) is plowing up the ash fill to help dry out the saturated ash fill due to the 4.80" of rainfall since November 2nd.



Date:	Time:	Direction of View / Location:
Monday, November 16th	1319	North / 488-4D Infiltration Basin

Subject:

Excavated down 18" bgs, in the NE corner of the Infiltration Basin. The saturated ash fill was spread out on the west slope of the Impoundment (right).

Envirocon



Date:	Time:	Direction of View / Location:
Monday, November 16th	1534	North / 488-4D Infiltration Basin

Subject:

The soft spot was backfilled with ash fill material from the top of the Impoundment. The fill was re-compacted by both sheeps-foot and smooth-drum rollers (not pictured).



Date:	Time:	Direction of View / Location:
Tuesday, November 17th	1027	North / 488-4D Infiltration Basin

Subject:

Following the failed proof roll check, Mr. Crace (FE) instructed the tractor (NH 8770) to plow up the north half of the Infiltration Basin to dry out the fill material.

Envirocon



Date:	Time:	Direction of View / Location:
Monday, November 23rd	1631	South / 488-4D Infiltration Basin

Subject:

The ash fill in the SE corner repair spot has been excavated and replaced with 126 BCY of common fill.



Date:	Time:	Direction of View / Location:
Tuesday, November 24th	1436	South / 488-4D Infiltration Basin

Subject:

Started excavating the north half of the Infiltration Basin due to the many soft spots. The base of the excavation was sealed with the smooth-drum roller (CV122PD).

Envirocon



Date:	Time:	Direction of View / Location:
Monday, November 30th	1642	Northeast / 488-4D Infiltration Basin

Subject:

The fill failed the proof roll check today. The north half was plowed up, with the disc plow, to help the common fill to dry out for the day.



Date:	Time:	Direction of View / Location:
Tuesday, December 1st	1546	East / 488-4D Infiltration Basin

Subject:

Dozer #4 (CAT D6) is spreading dry ash fill, from the top of the Impoundment, over the soft spot identified during today's proof roll verification inspection.



Date:	Time:	Direction of View / Location:
Tuesday, December 1st	1614	Northeast / 488-4D Infiltration Basin

Subject:

The smooth-drum roller (CV122PD) is compacting the ash in the central repair spot.



Date:	Time:	Direction of View / Location:
Tuesday, December 1st	1627	West / 488-4D Infiltration Basin

Subject:

A view of the completed repair to the central soft spot. The repair was replacing the sandy, common fill material with drier ash fill material.

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CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Mild	REPORT NO:	T15-UU54

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	Technician arrived on site as requested by client. Technician observed two (2) separate proofroll inspections. The first proofroll was performed using a water truck for the infiltration basin as shown on the attached map. The elevation for this proofroll was 143. All areas appeared to be firm and stable at this time. The second proofroll was performed on the east area also shown on the attached map at elevation 153. All areas appeared to be firm and stable at this time.

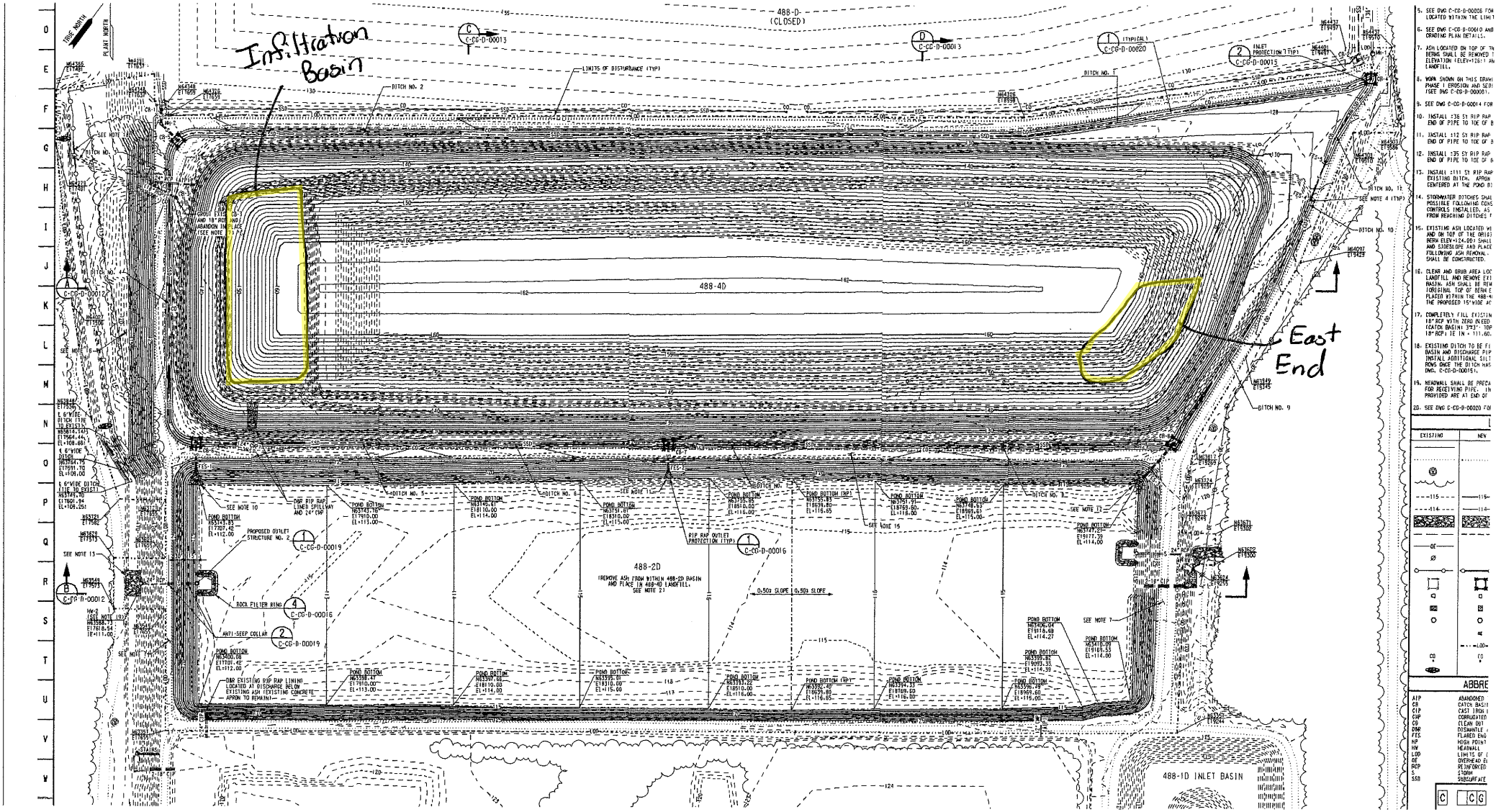
TOTAL TIME:	5.0 hours		
DATE:	December 16, 2015	TECHNICIAN:	Britt Baynham

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Accredited by AASHTO Accreditation Program (AAP)

12-16-15
T15-U454



csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Cool	REPORT NO:	T16-G27

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	Technician arrived on site as requested by client. Technician observed a empty water truck proofroll at elevation 147.5 for the infiltration basin. All areas appeared to be firm and stable with the exception of highlighted areas indicated on the attached map. Technician suggested to excavate 8 to 12 inches, allow to dry, and roll back in.

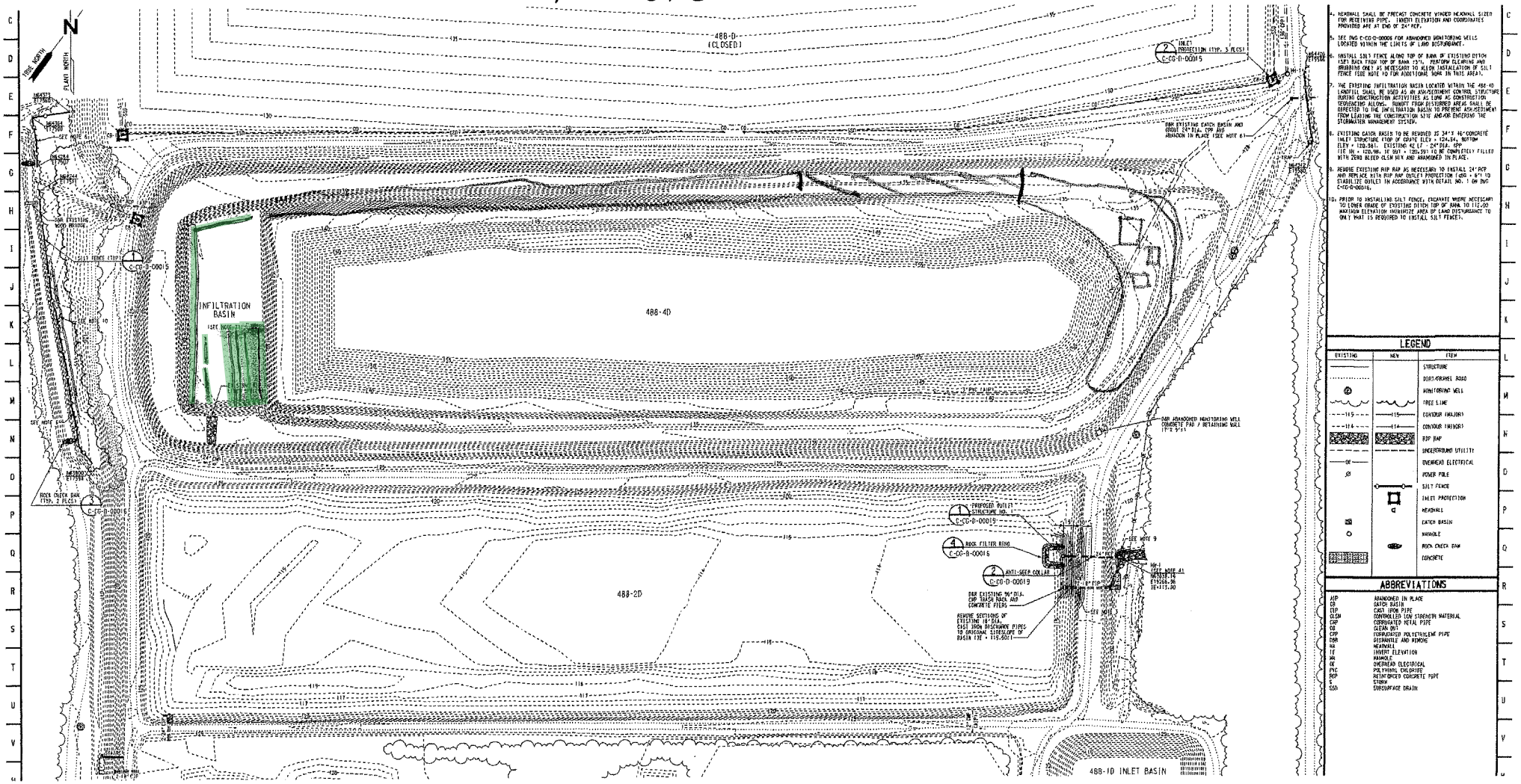
TOTAL TIME:	3.0 hours		
DATE:	February 18, 2016	TECHNICIAN:	Britt Baynham

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Accredited by AASHTO Accreditation Program (AAP)

2-18-16
T16-627



Proof Roll Inspection Date: February 18th, 2016

Repair Work Performed:

- Per CSRA's Construction Testing/Inspection report, dated February 18th, 2016, the following soft spots were identified:
  - The eastern edge of the Infiltration Basin. (completed February 29th, 2016)

    Estimated area ➔ 0.12 acres (20' width x 250' length)
  - SW corner of the Infiltration Basin. (completed February 26th, 2016)

    Estimated area ➔ 0.25 acres
- Thursday, February 18th, 2016: Started repairs immediately following the end of the Proof Roll inspection. Due to the geotextile being located within 12" of the surface the teeth on the excavator's (CAT 329) bucket was used to plow up the ash fill to allow for it to dry out (see Photos, page 1). The dozer (CAT D6) plowed up the ash fill in the east repair spot (along the east edge). The ash fill was allowed to dry out overnight.
- Friday, February 19th, 2016, and Saturday, February 20th, 2016: With forecasted rains starting Monday (Feb. 22nd) through Wed. (Feb 24th) the area was sealed up and covered with plastic sheeting, in order to help protect the remainder of the compacted ash fill (see Photos, page 2 top). Once the rains pass then the plastic cover will be removed and the repairs will be completed.
- Thursday, February 25th, 2016: With the rains completed and the forecast for clear and sunny conditions the plastic cover was removed from the Infiltration Basin and the compacted fill was allowed to dry out for the day.
- Friday, February 26th, 2016: Excavated 275 BCY of ash from the east end of the basin (see Photos, page 2 bottom). Excavated between 1' to 2.5' bgs to remove the unsuitable ash fill material and stockpiled on top of the Impoundment. The excavation remained open for the rest of the weekend in order to let the area dry out before placing dry ash fill material.
  - Proof Roll Verification – SW Corner: Mr. Crace (FE) observed the smooth-drum roller compacting the SW corner repair spot and determined the area was ready for verification Proof Roll. Ms. Schallick observed an empty water truck perform a Proof Roll of the SW corner and accepted the repair as complete.
- Monday, February 29th, 2016: The eastern portion was backfilled with 12" of fill and compacted with 5 vibratory passes from the smooth-drum roller. Mr. Crace (FE) observed the compaction and determined the fill needed to dry out before testing it with the empty water truck. The Proof Roll Verification was delayed until the end of the workday.
  - Proof Roll Verification – East Edge: The proof roll verification was observed by Ms. Schallick (STR) and Mr. Baston (SRNS). The repair was determined to be completed with the completion of the following repair; the center area is to be plowed up to dry out overnight and then recompacted in the morning. The excavator (CAT 329), immediately following the verification inspection, the area was plowed up.

Attachments:

- Photograph Log

Envirocon



Date:	Time:	Direction of View / Location:
Thursday, February 18th	1600	North / 488-4D Infiltration Basin

Subject:

The excavator (CAT 329) and dozer (CAT D6) are plowing up the identified soft spots to help the wet, compacted ash fill to dry out before re-testing the fill's compaction.



Date:	Time:	Direction of View / Location:
Thursday, February 18th	1601	North / 488-4D Infiltration Basin

Subject:

Using the teeth of the excavator's bucket to plow up the ash fill due to the geotextile getting installed 12" below the surface.

Envirocon



Date:	Time:	Direction of View / Location:
Tuesday, February 23rd	1250	Southwest / 488-4D Infiltration Basin

Subject:

The plastic cover has remained anchored and is ready for the forecasted rains overnight.



Date:	Time:	Direction of View / Location:
Friday, February 26th	0959	Southwest / 488-4D Infiltration Basin

Subject:

Excavating down to 2’ bgs, in order to remove the saturated ash fill. The excavated areas are kept open over the weekend to all for the ash fill to dry out before starting backfill.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Cool	REPORT NO:	T16-H95

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed a empty water truck proofroll the areas at elevation as shown on the attached map. Areas observed appeared to be firm and stable at this time.

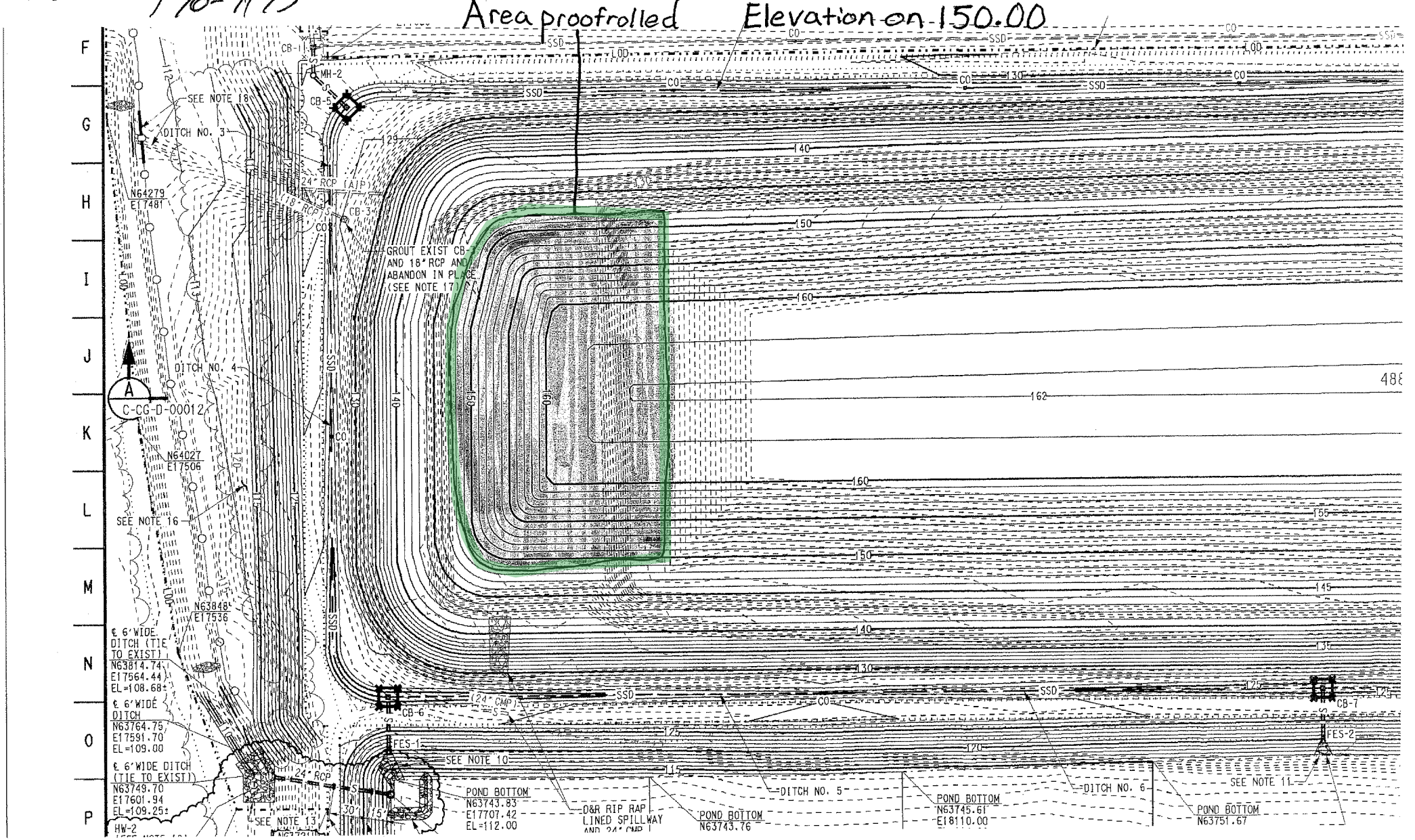
TOTAL TIME:	3.0 hours		
DATE:	March 2, 2016	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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3-2-16 Envirocon SRS
C2 T16-1495



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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Mild	REPORT NO:	T16-J86SI

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	Technician arrived on site as requested by client. Technician observed a water truck proofroll the filtration area at elevation 152. All areas were firm and stable at this time. Please see attached map for locations.

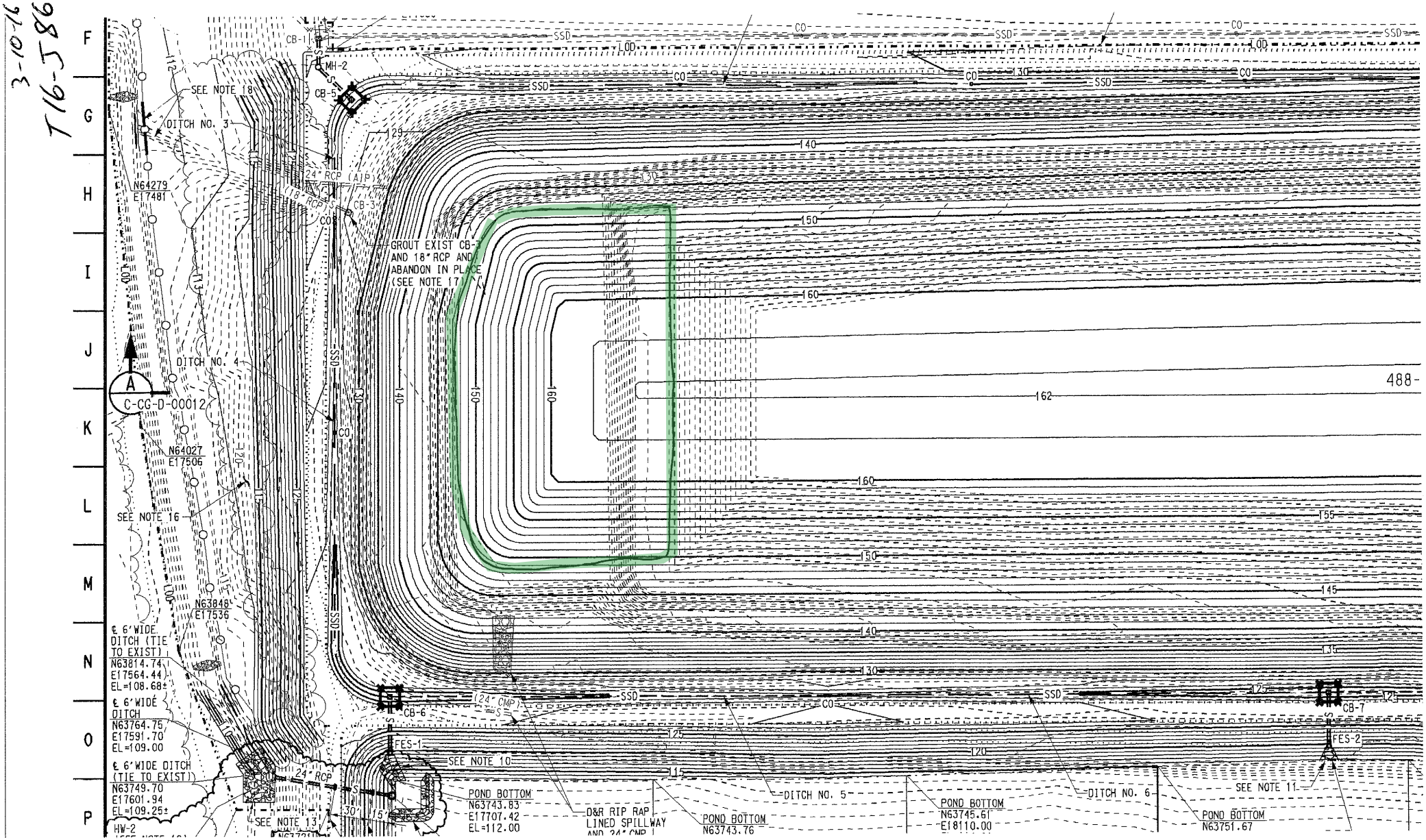
TOTAL TIME:	6.0 hours		
DATE:	March 10, 2016	TECHNICIAN:	Britt Baynham

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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3-10-16
T16-J86



Envirocon

Proof Roll Inspection Addendum

Observations of Proof Roll Activities:

- The top of 488-4D Landfill was backfilled to grade and compacted with 5 vibratory passes from the smooth-drum roller (CV122PD).
- On April 5, 2016, an empty water truck was used to proof roll the northern third of the top surface of the landfill.
- Chris Lowry (CSRA), Don Baston (SRNS), Terry Schallick (SRNS), Tripp Winfree, and Scott Ribes were present.
- All areas appeared to be firm and stable with the exception of five areas as noted on the attached drawing.
- The five areas were excavated approximately 1 foot below grade, allowed to dry, then dry ash was backfilled and compacted with 5 vibratory passes from the smooth-drum roller.
- On April 6, 2016 the water truck was again used to proof roll the repaired areas. The truck was observed by Terry Schallick and Scott Ribes.
- All areas appeared to be firm and stable after the repairs.

Attachments:

- CSRA Construction Testing/Inspection Report No T16-P39.

Envirocon

Proof Roll Inspection Addendum



Date:	Time:	Direction of View / Location:
Tuesday, April 5th	0933	West / 488-4D Landfill

Subject:

Grading and compacting ash fill on top surface of 488-4D landfill.



Date:	Time:	Direction of View / Location:
Tuesday, April 5th	Est 1030	East / 488-4D Landfill

Subject:

Proof roll on north side of top surface of 488-4D landfill.

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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Mild	REPORT NO:	T16-P39

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the area at elevation as shown on the attached map. With the exception of the noted areas on the attached map, all other areas appeared to be firm and stable at this time. The noted areas appeared to be unstable and pumping was noted in these areas as well. It was suggested to allow areas to dry. If time is not available for drying out, removal and replacement, or stabilization, may be necessary.

TOTAL TIME:	4.0 hours		
DATE:	April 5, 2016	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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Elevation on Subgrade
= Proofrolled
= Noted areas
APRIL 5, 2016



Envirocon

Proof Roll Inspection Addendum

Observations of Proof Roll Activities:

- The top of 488-4D Landfill was backfilled to grade and compacted with 5 vibratory passes from the smooth-drum roller (CV122PD).
- On April 14, 2016, an empty water truck was used to proof roll the western half of the top surface of the landfill.
- Chris Lowry (CSRA), Don Baston (SRNS), Terry Schallick (SRNS), and Tripp Winfree were present.
- All areas appeared to be firm and stable. No exceptions were noted.

Attachments:

- CSRA Construction Testing/Inspection Report No T16-Q66.

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1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Mild	REPORT NO:	T16-Q66

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the area at elevation as shown on the attached map. The area appeared to be firm and stable at this time.

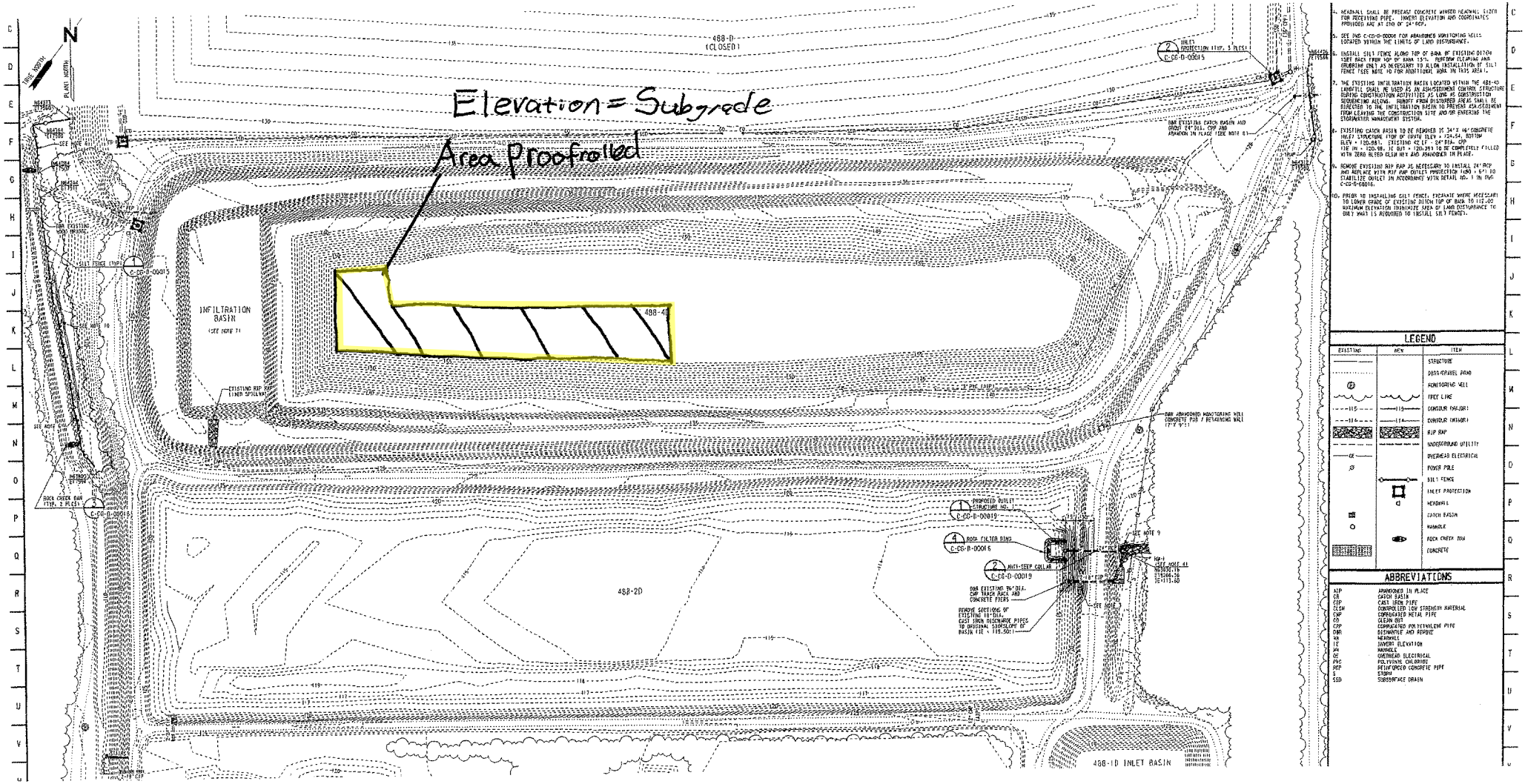
TOTAL TIME:	4.0 hours		
DATE:	April 14, 2016	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

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4-14-16
CJ
T16-Q66



Envirocon

Proof Roll Inspection Addendum

Observations of Proof Roll Activities:

- The top of 488-4D Landfill was backfilled to grade and compacted with 5 vibratory passes from the smooth-drum roller (CV122PD).
- On April 20, 2016, an empty water truck was used to proof roll the eastern half of the top surface of the landfill.
- Chris Lowry (CSRA), Derek Evans (SRNS), Terry Schallick (SRNS), Tripp Winfree, Gerald McKee and Scott Ribes were present.
- All areas appeared to be firm and stable with the exception of three areas as noted on the attached drawing.
- The three areas were excavated approximately 1 foot below grade, allowed to dry, then dry ash was backfilled and compacted with 5 vibratory passes from the smooth-drum roller.
- On April 21, 2016 the water truck was again used to proof roll the repaired areas. The truck was observed by Terry Schallick and Scott Ribes.
- All areas appeared to be firm and stable after the repairs.

Attachments:

- CSRA Construction Testing/Inspection Report No T16-Q67.

Envirocon

Proof Roll Inspection Addendum



Date:	Time:	Direction of View / Location:
Wednesday, April 20th	0908	East / 488-4D Landfill

Subject:

Grading and compacting ash fill on top surface of 488-4D landfill.



Date:	Time:	Direction of View / Location:
Wednesday, April 20th	0954	East / 488-4D Landfill

Subject:

Proof roll on eastern side of top surface of 488-4D landfill.

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

CONSTRUCTION TESTING/INSPECTION REPORT

CLIENT:	Envirocon, Inc.	ADDRESS:	Missoula, MT
PROJECT:	488-4D Ash Landfill Closure, C-SPP-D-00002	LOCATION:	Savannah River Site Aiken County, SC
SRNS PO#:	196912		
WEATHER:	Sunny and Mild	REPORT NO:	T16-Q67

WORK IN PROGRESS:	See General Comments
TEST PERFORMED AND RESULTS:	Proofroll inspection
INSTRUCTIONS RECEIVED:	Technician on site
GENERAL COMMENTS:	As requested by client, technician observed an empty water truck proofroll the area at elevation as shown on the attached map. With the exception of the noted areas on the attached map, all other areas appeared to be firm and stable at this time. The noted areas appeared to be unstable and pumping was noted as well. It was suggested to allow areas to dry. If time is not available for drying out, removal and replacement, or stabilization, may be necessary.

TOTAL TIME:	4.0 hours		
DATE:	April 20, 2016	TECHNICIAN:	Chris Lowry

SIGNATURE

1 cc: Envirocon, Inc.; Tripp Winfree (via email)

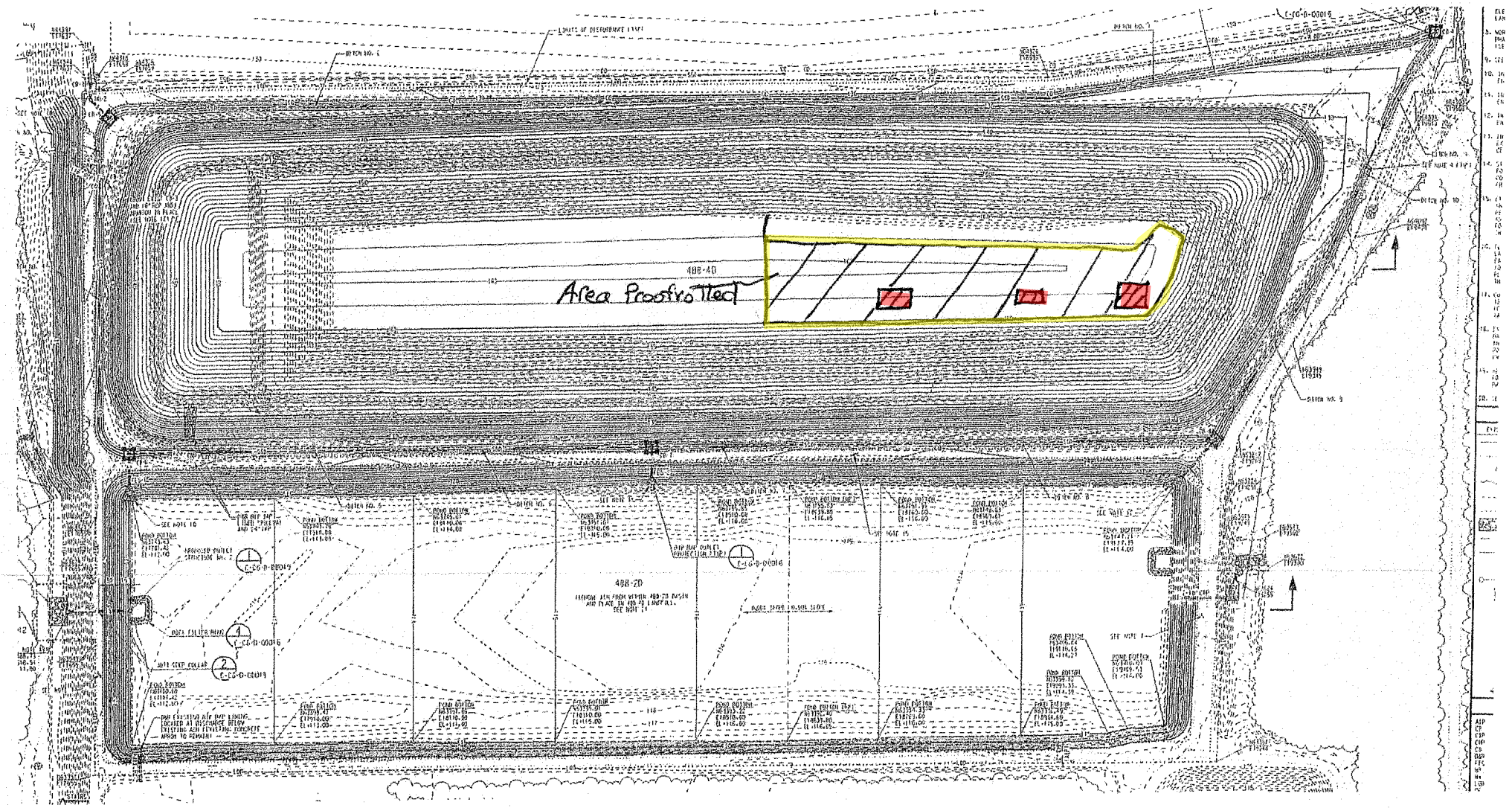
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T16-Q67

April 20, 2016

- Proofroll area to rework

Elevation = Subgrade



APPENDIX S

COVER ACCEPTANCE REPORTS

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APPENDIX S1

6-Inch Subgrade Acceptance Reports

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 21,511 ft²

PANEL NUMBERS: GCL C1 thru C10

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/4/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tra	QC	5/4/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
R Scott Ribes	FE	5/4/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 17,850 ft²

PANEL NUMBERS: GDL D1 thru D12

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/4/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	5/4/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
R. Scott Ribes	FE	5/4/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 17,284 ft²

PANEL NUMBERS: GCL C11 thru C18

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER:

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/5/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	5/5/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
[signature]	FE	5/5/16

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Rev 5-20-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 21,063 ft²

PANEL NUMBERS: GDL D13 thru D27

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/5/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/5/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	FE	5/5/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 8857 ft²

PANEL NUMBERS: GCL C19 thru C27

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE:

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/6/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/6/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	FE	5/6/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 9205 ft²

PANEL NUMBERS: GDL D28 thru D37

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE:

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/6/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/6/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	FE	5/6/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 14,456

PANEL NUMBERS: GCL C28 thru C37

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/9/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/9/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/9/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 14,637

PANEL NUMBERS: GDL D38 thru D53

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/9/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	5/9/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/9/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-20-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 10,288

PANEL NUMBERS: GCL C38 thru C48

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/10/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/10/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/10/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 11,847

PANEL NUMBERS: GDL D54 thru D77

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/10/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	5/10/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/10/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 24,703

PANEL NUMBERS: GCL C49 thru C69

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/11/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/11/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 25,579

PANEL NUMBERS: GDL D78 thru D106

GRADE ACCEPTANCE: INSPECTOR:

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/11/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/11/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 20,561 ft^2

PANEL NUMBERS: GCL C70 thru C84

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/12/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/12/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/12/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 18,480 ☒

PANEL NUMBERS: GDL D107 thru D127

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/12/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/12/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/12/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: Mid-South Slope and Mid-top of 488-4D

AREA ACCEPTED: A-3

DATE OF AREA SURVEY: May 9-11

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Coordinator	5/12/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	5-12-16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 38,556 ☑

PANEL NUMBERS: GCL C85 thru C110

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/25/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	5/25/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott	FE	5/25/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 38,922 ☐

PANEL NUMBERS: GDL D128 thru D167

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/25/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Tran	QC	5/25/16
Signature	**Title**	**DATE**

OWNER REPRESENTATIVE:

Raymond Scott Ribes	FE	5/25/16
Signature	**Title**	**DATE**

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope of 488-4D

AREA ACCEPTED: A-4 GCL Panels C-85 to C110

DATE OF AREA SURVEY: May 23, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	5/25/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	May 25, 2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 18,446 ☑

PANEL NUMBERS: GCL C111 to C123

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/26/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	5/26/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	5/26/2016

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 18,446 SF

PANEL NUMBERS: GDL D168 to D188

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rhea

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 5/26/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Tran — Signature | QC — Title | 5/26/16 — DATE

OWNER REPRESENTATIVE:

Raymond Scott Rhea — Signature | FE — Title | 5/26/16 — DATE

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope of 488-4D

AREA ACCEPTED: A-4 & A-5 GCL Panels C-111 to C123

DATE OF AREA SURVEY: May 23-24, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	5/26/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	5-26-2016
Signature	*Title*	*Date*

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C124 to C154

AREA ACCEPTED: Area A-5 Rev 1

DATE OF AREA SURVEY: June 1, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
B. Tripp Winfree	Project Quality Officer	6/2/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	6-2-2016

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 44,065 ☐

PANEL NUMBERS: GCL C124 thru C154

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/2/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran T	QC	6/2/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/2/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 42,133 ☑

PANEL NUMBERS: GDL D189 thru D225

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/2/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran Tran	QC	6/2/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/2/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C155 to C171

AREA ACCEPTED: Area A-5 Rev 1

DATE OF AREA SURVEY: June 1, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
Tripp Winfree	Project Quality Officer	6/3/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	6-3-2016

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 31,906 ☑

PANEL NUMBERS: GDL D226 thru D252

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/3/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/3/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/3/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 33,263 ☑

PANEL NUMBERS: GCL C155 thru C171

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/3/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/3/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/3/16

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VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C172 to C197

AREA ACCEPTED: Area A-6

DATE OF AREA SURVEY: June 2, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winsee

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winsee	Project Quality Officer	6/14/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-4-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 35,612 ☑

PANEL NUMBERS: GDL D253 thru D279

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/4/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/4/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond S Ribes	FE	6-9-16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 33,473 ☐

PANEL NUMBERS: GCL C172 thru C197

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/4/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/4/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/4/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C198 to C220

AREA ACCEPTED: Area A-6 Rev 1

DATE OF AREA SURVEY: June 8 and June 9, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribas

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Observer	June 10, 2016

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribas	Field Engineer	June 10, 2016

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-B56

LOCATION: D-Area South Slope

AREA ACCEPTED: 41,589 ☑

PANEL NUMBERS: GDL G-280 thru G-312

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/10/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/10/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/10/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 45,294 ☑

PANEL NUMBERS: GCL C198 thru C220

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/10/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/10/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/10/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C221 to C242

AREA ACCEPTED: Area A-6 Rev 1

DATE OF AREA SURVEY: June 8 and June 9, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	June 11, 2016

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	June 11, 2016

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 45,859 ☒

PANEL NUMBERS: GDL D313 thru D348

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/11/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/11/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 45,958 SF

PANEL NUMBERS: GCL C221 thru C242

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/11/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/11/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: South Slope GCL Panels C243 to C260

AREA ACCEPTED: Area A-6 Rev 1

DATE OF AREA SURVEY: June 8 and June 9, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6-13-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-13-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South Slope

AREA ACCEPTED: 39,403 ☑

PANEL NUMBERS: GDL D349 thru D378

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/13/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tra	QC	6/13/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6-13-2016

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-081356

LOCATION: D-Area South Slope

AREA ACCEPTED: 37,919 ☒

PANEL NUMBERS: GCL C 243 thru C260

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/13/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/13/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6-13-2016

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: Northwest Corner of 4D GCL Panels CZ61 to CZ76

AREA ACCEPTED: Area A-7

DATE OF AREA SURVEY: June 13, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6-14-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-14-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 1408-356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 10,483 ☆

PANEL NUMBERS: GDL D379 thru D402

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/14/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/14/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/14/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 12,116 ft²

PANEL NUMBERS: GCL C261 thru C276

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/14/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/14/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/14/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: Northwest Corner of 4D GCL Panels CZ77 to CZ93

AREA ACCEPTED: Area A-7

DATE OF AREA SURVEY: June 13, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6/16/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6/16/16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 14,582 ☒

PANEL NUMBERS: GDL D403 thru D432

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/16/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/16/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6-16-16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 21,103 ☑

PANEL NUMBERS: GCL C 277 thru C 293

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/16/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/16/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/16/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C294 to C306

AREA ACCEPTED: Area A-7

DATE OF AREA SURVEY: June 13, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6-17-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-17-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 17,092 ☑

PANEL NUMBERS: GDL D433 thru D453

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/17/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/17/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/17/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 14,590 ☐

PANEL NUMBERS: GCL C294 thru C306

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/17/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tra	QC	6/14/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	PE	6/17/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C307 to C340

AREA ACCEPTED: Area A-8 Rev 1

DATE OF AREA SURVEY: June 20, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6-21-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-21-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 28,731 ☐

PANEL NUMBERS: GDL D454 thru D486

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/21/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/21/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/21/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 30,942 ft

PANEL NUMBERS: GCL C307 thru 340

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviroscon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/21/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/21/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/21/16

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VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C340 to C360

AREA ACCEPTED: Area A-8 Rev 1

DATE OF AREA SURVEY: June 20, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6-22-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	6-22-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 27,580 ☑

PANEL NUMBERS: GCL C 341 thru C360

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRSN

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/22/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/22/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/22/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-056

LOCATION: D-Area North Slope

AREA ACCEPTED: 24,468 ☐

PANEL NUMBERS: GDL D487 thru D513

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/22/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
TRE	QC	6/22/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/22/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C361 to C384

AREA ACCEPTED: Area A-9

DATE OF AREA SURVEY: June 21, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Anthony Aluise
Quality Control Representative

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

T. Tripp Winfree	Project Quality Officer	6/23/16
Signature	*Title*	*Date*

~~FIELD ENGINEER~~ Quality Control Representative

Anthony Aluise	Project Coordinator	6/23/16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-B56

LOCATION: D-Area North Slope

AREA ACCEPTED: 32,746 SF

PANEL NUMBERS: GDL D514 thru D548 (a/a)

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Aluise - Project Coordinator

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/23/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/23/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Anthony Aluise	Project Coordinator	6/23/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 31,582 ☑

PANEL NUMBERS: GCL C361 thru C384

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alvise - Project Coordinator

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/23/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/23/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Anthony Alvise	Project Coordinator	6/23/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C385 to C405

AREA ACCEPTED: Area A-10

DATE OF AREA SURVEY: June 23, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Anthony Alcise
Quality Control Representative

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
B. Tripp Winfree	Project Quality Officer	6/24/16

~~FIELD ENGINEER~~ Quality Control Representative

Signature	Title	Date
Anthony Alcise	Project Coordinator	6/24/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 30,399 ☑

PANEL NUMBERS: GDL D549 thru D576

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Aluise - Project Coordinator

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/24/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/24/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Anthony Aluise	Project Coordinator	6/24/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 31,045 sf

PANEL NUMBERS: GCL C385 thru C405

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alcuse - Project Coordinator

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/24/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/24/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	Project Coordinator	6/24/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D, GCL Panels C406 - C417

AREA ACCEPTED: Area A-10

DATE OF AREA SURVEY: 6-23-16

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Tripp Winfree
Quality Control Officer

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	6/25/16
Signature	*Title*	*Date*

~~FIELD ENGINEER~~ Project Quality Officer

R. Tripp Winfree	Project Quality Officer	6/25/16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 15,638 ☑

PANEL NUMBERS: GCL C406 thru C417

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Tripp Winfree

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/25/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/25/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	PQO	6/25/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 12,998 ☑

PANEL NUMBERS: GDL D577 thru D591

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Tripp Winfree

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/25/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
T	QC	6/25/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
B. Tripp Winfree	PQO	6/25/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C418 to C438

AREA ACCEPTED: Area A-10

DATE OF AREA SURVEY: June 23, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
B. Tripp Winfree	Project Quality Officer	6/27/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	6/27/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 31,751 ☐

PANEL NUMBERS: GCL C418 thru C439

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rubes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/27/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/27/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Rubes	FE	6/27/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 30,646 ☑

PANEL NUMBERS: GDL D592 thru D623

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/27/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/27/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/27/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C440 to C442

AREA ACCEPTED: Area A-10 and Area A-11

DATE OF AREA SURVEY: June 23, 2016 and June 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	6/29/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	6/29/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 3,799 SF

PANEL NUMBERS: GCL C440 thru C442

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/29/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/29/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/29/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 3,206 ☒

PANEL NUMBERS: GDL D624 thru D625

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/29/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/29/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6-29-16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C443 to C458

AREA ACCEPTED: Area A-11

DATE OF AREA SURVEY: June 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Upchurch

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
B. Tripp Upchurch	Project Quality Officer	6/30/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	6/30/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: ~22,190 ft²

PANEL NUMBERS: GCL C443 thru C458

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rikes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialities International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/30/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialities International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	6/30/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Rikes	FE	6/30/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 25,761 ☒

PANEL NUMBERS: GDL D626 thru D646

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 6/30/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	6/30/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	6/30/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C459 to C471

AREA ACCEPTED: Area A-11

DATE OF AREA SURVEY: June 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	7-5-16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	7-5-16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 18,430 ☑

PANEL NUMBERS: GCL C459 thru C471

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRSN

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/5/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/5/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/5/16

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CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 17,207 ☑

PANEL NUMBERS: GDL D647 thru D667

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/5/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/5/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/5/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C472 to C477

AREA ACCEPTED: Area A-11

DATE OF AREA SURVEY: June 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
A. Tripp Winfree	Project Quality Officer	7-6-16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	7-6-16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 7,134 ☐

PANEL NUMBERS: GCL C472 thru C477

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rives

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/6/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tra	QC	7/6/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Rives	FE	7/6/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-B56

LOCATION: D-Area North Slope

AREA ACCEPTED: 6,916 ☑

PANEL NUMBERS: GDL D668 thru D672

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/6/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	7/6/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/6/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C478 to C493

AREA ACCEPTED: Area A-11

DATE OF AREA SURVEY: June 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7-8-2016
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7-8-2016
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14.08.B56

LOCATION: D-Area North Slope

AREA ACCEPTED: 21,083 ☑

PANEL NUMBERS: GCL C478 thru C493

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/8/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/8/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/8/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 20,636 ☑

PANEL NUMBERS: GDL D673 thru D694

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/8/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
T	QC	7/8/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/8/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 21,156 SF

PANEL NUMBERS: GCL C494 thru C509

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/11/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/11/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14.08.1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 17,879 ☆

PANEL NUMBERS: GDL D695 thru D726

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviroscon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/11/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/11/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/11/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C494 to C509

AREA ACCEPTED: A-12

DATE OF AREA SURVEY: July 6, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	7/11/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	7/11/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14.08.1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 21,011 ☑

PANEL NUMBERS: GCL C510 thru C525

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/12/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/12/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/12/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** M-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 20,634 ☒

PANEL NUMBERS: GDL D727 thru D760

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/12/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	7/12/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	PE	7/12/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C510 to C525

AREA ACCEPTED: Area A-12

DATE OF AREA SURVEY: July 6, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	7/12/16

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	7/12/16

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 24,173 ☐

PANEL NUMBERS: GCL C526 thru C542

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/13/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/13/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/13/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area PROJECT NO: 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 26,267 ft

PANEL NUMBERS: GDL D761 thru D787

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/13/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	7/13/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/13/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope of 4D GCL Panels C526 to C542

AREA ACCEPTED: Area A-13

DATE OF AREA SURVEY: July 7, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7/13/16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7/13/16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 25,130 ☑

PANEL NUMBERS: GCL C543 thru C555

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/14/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/14/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/14/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 26,541 ☒

PANEL NUMBERS: GDL D788 thru D808

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rikes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/14/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	7/14/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Rikes	PE	7/14/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: North Slope & NE Corner of 4D GCL Panels C543 to C555

AREA ACCEPTED: Area A-14 & Area A-15

DATE OF AREA SURVEY: July 13, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7-14-16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7-14-16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area North Slope

AREA ACCEPTED: 24,491 ☐

PANEL NUMBERS: GCL C556 thru C576

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alaise

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/15/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/15/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	Project Coordinator	7/15/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-135b

LOCATION: D-Area North Slope

AREA ACCEPTED: 23,927 ft²

PANEL NUMBERS: GDL D809 thru D834

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alaise

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/15/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/15/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	Project Coordinator	7/15/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: NE Corner of 4D GCL Panels C556 to C576

AREA ACCEPTED: Area A-16

DATE OF AREA SURVEY: July 14, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Anthony Alwise
Quality Control Representative

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7/15/16
Signature	*Title*	*Date*

~~FIELD ENGINEER~~ Quality Control Representative for RSA

[signature] RSA	Project Coordinator	7/15/16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area South East Corner

AREA ACCEPTED: 20,540 ☑

PANEL NUMBERS: GCL C577 thru C591

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Kibes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/20/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Tran	QC	7/20/16
Signature	**Title**	**DATE**

OWNER REPRESENTATIVE:

Raymond Scott Kibes	FE	7/20/16
Signature	**Title**	**DATE**

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14.08.1350

LOCATION: D-Area South East Corner

AREA ACCEPTED: 18,208 ☐

PANEL NUMBERS: GDL D835 thru D859

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviracon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Nibes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/20/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/20/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Nibes	FE	7/20/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: SE Corner of 4D GCL Panels C57 to C

AREA ACCEPTED: Area A-17 Rev 2

DATE OF AREA SURVEY: July 19, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

Signature	Title	Date
R. Tripp Winfree	Project Quality Officer	7-20-2016

FIELD ENGINEER

Signature	Title	Date
Raymond Scott Ribes	Field Engineer	7-20-2016

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-B56

LOCATION: D-Area Northeast Corner

AREA ACCEPTED: 16,371 ☐

PANEL NUMBERS: GCL C 592 – C603

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alwise

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/22/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/22/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	Project Coordinator	7/22/16

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Rev 5-20-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northeast Corner

AREA ACCEPTED: 17,598 SF

PANEL NUMBERS: GDL D860 – D878

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alaize

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/22/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/22/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	Project Coordinator	7/22/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: NE Corner of 4D GCL Panels C592-C603

AREA ACCEPTED: Area A-18

DATE OF AREA SURVEY: July 20, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Anthony Alcuse
Quality Control Representative

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	~~7/22~~ 7/22/16 TW
Signature	*Title*	*Date*

~~FIELD ENGINEER~~ Quality Control Representative for RSR

Anthony Alcuse	Project Coordinator	7/22/16
Signature RSR	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northeast Corner

AREA ACCEPTED: 15,053 ft²

PANEL NUMBERS: GCL C604 thru C620

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Aluise

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/23/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
TT	QC	7/23/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Anthony Aluise	Project Coordinator	7/23/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 1408.1356

LOCATION: D-Area Northeast Corner

AREA ACCEPTED: 13,029 ☑

PANEL NUMBERS: GDL D879 – D911

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Anthony Alulse

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/23/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/23/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Anthony Alulse	Project Coordinator	7/25/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2768

Rev 5-2B

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: NE Corner of 4D GCL Panels C604 - C620

AREA ACCEPTED: Area A-18

DATE OF AREA SURVEY: July 20, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

~~FIELD ENGINEER~~ (ENVIROCON): Anthony Aluise
Quality Control Representative

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree — Project Quality Officer — 7/23/16
Signature *Title* *Date*

~~FIELD ENGINEER~~ Quality Control Representative for RSR

Anthony Aluise — Project Coordinator — 7/23/16
Signature *Title* *Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 1408-1356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 23,907 SF

PANEL NUMBERS: GCL C621 thru C639

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/25/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Tran — Signature | QC — Title | 7-25-16 — DATE

OWNER REPRESENTATIVE:

Raymond Scott Ribes — Signature | FE — Title | 7-25-16 — DATE

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area Northwest Corner

AREA ACCEPTED: 21,879 SF

PANEL NUMBERS: GDL D912 thru D937

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/25/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7-25-16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7-25-16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: NE Corner of 4D GCL Panels C621 to C639

AREA ACCEPTED: Area A-18

DATE OF AREA SURVEY: July 20-21, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7-25-16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7-25-16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 25,645 ☑

PANEL NUMBERS: GCL C640 thru C661

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/26/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
Tran	QC	7/26/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/26/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 1408-1356

LOCATION: D-Area

AREA ACCEPTED: 27,686 ☑

PANEL NUMBERS: GDL D938 thru D966

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Envirocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rides

The undersigned, Tran Tran, certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/26/16 and found the surface to be acceptable for installation of the geomembrane.

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AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
	QC	7/26/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
	FE	7/26/16

7943 PECUE LANE SUITE A ~ BATON ROUGE, LA. 70809 ~ PHONE 225-291-2700 ~ FAX 225-291-2788

Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: East Side of 4D GCL Panels C640 to C661

AREA ACCEPTED: Area A-19

DATE OF AREA SURVEY: July 25, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Winfree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Winfree	Project Quality Officer	7-26-16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7-26-16
Signature	*Title*	*Date*

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-B56

LOCATION: D-Area

AREA ACCEPTED: 26,960 ☑

PANEL NUMBERS: GCL C602 thru C690

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviro-con

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Ribes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/27/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
TT	QC	7/27/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Ribes	FE	7/27/16

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Rev 5-26-09

CERTIFICATE OF SUBGRADE SURFACE ACCEPTANCE

INSTALLER: ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

PROJECT NAME: Savannah River Site D-Area **PROJECT NO:** 14-08-1356

LOCATION: D-Area

AREA ACCEPTED: 28,152 ft²

PANEL NUMBERS: GDL D967 thru D1012

GRADE ACCEPTANCE: INSPECTOR: Tran Tran

GENERAL CONTRACTOR: Enviocon

OWNER: SRNS

AUTHORIZED REPRESENTATIVE: Raymond Scott Rubes

The undersigned, Tran Tran ,certifies that he/she is a representative of Environmental Specialties International, Inc. authorized to execute this certificate, that he/she has visually inspected the subgrade surface described above on 7/27/16 and found the surface to be acceptable for installation of the geomembrane.

This certification is based on observation of the surface of the subgrade only. No subsurface inspections or test have been performed and Environmental Specialties International, Inc. makes no representations or warranties regarding conditions which may exist below the surface of the subgrade.

AUTHORIZED REPRESENTATIVE OF ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

Signature	Title	DATE
TT	QC	7/27/16

OWNER REPRESENTATIVE:

Signature	Title	DATE
Raymond Scott Rubes	FE	7/27/16

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Rev 5-26-09

VERIFICATION OF SUBGRADE SURFACE ACCEPTANCE

PROJECT NAME: 488-4D Coal Ash Landfill Closure
PROJECT NUMBER: 196912/1495401

LOCATION: Southeast Corner of 4D GCL Panels C662 to C690

AREA ACCEPTED: Area A-19 and Area A-20

DATE OF AREA SURVEY: July 25 and 26, 2016

AUTHORIZED REPRESENTATIVE (ENVIROCON): Tripp Wintree

FIELD ENGINEER (ENVIROCON): Raymond Scott Ribes

The undersigned representatives verify that the subgrade surface, which was surveyed and found to be acceptable for installation of the geomembrane on the above date, has not been modified or changed since the initial acceptance and survey. The subgrade surface and the survey for the area accepted have both been approved and the area accepted is now ready for installation of the geomembrane.

AUTHORIZED REPRESENTATIVE OF ENVIROCON

R. Tripp Wintree	Project Quality Officer	7-27-16
Signature	*Title*	*Date*

FIELD ENGINEER

Raymond Scott Ribes	Field Engineer	7-27-16
Signature	*Title*	*Date*

APPENDIX S2

GCL Panel Placement Reports

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Envirocon

Thursday, November 10, 2016

The following packet contains the following information for Subcontract #196912:

- GCL Panel Placement Summary
  - May 4, 2016 through May 6, 2016
  - May 9, 2016 through May 11, 2016
  - May 11, 2016 through May 12, 2016
  - May 12, 2016 through May 25, 2016
  - May 25, 2016 through June 2, 2016
  - June 2, 2016 through June 3, 2016
  - June 3, 2016 through June 4, 2016
  - June 4, 2016
  - June 10, 2016 through June 11, 2016
  - June 11, 2016 through June 13, 2016
  - June 13, 2016 through June 16, 2016
  - June 16, 2016 through June 17, 2016
  - June 17, 2016 through June 21, 2016
  - June 21, 2016 through June 22, 2016
  - June 22, 2016 through June 24, 2016
  - June 24, 2016
  - June 25, 2016 through June 27, 2016
  - June 27, 2016 through June 30, 2016
  - July 5, 2016 through July 8, 2016
  - July 8, 2016 through July 12, 2016
  - July 11, 2016 through July 13, 2016
  - July 13, 2016 through July 15, 2016
  - July 15, 2016 through July 20, 2016
  - July 20, 2016 through July 23, 2016
  - July 23, 2016
  - July 23, 2016 through July 26, 2016
  - July 26, 2016 through July 27, 2016
  - July 27, 2016
- GCL Daily Panel Placement Reports
  - May 4, 2016
  - May 5, 2016
  - May 6, 2016
  - May 9, 2016
  - May 10, 2016
  - May 11, 2016

Envirocon

- May 12, 2016
- May 25, 2016
- May 26, 2016
- June 2, 2016
- June 3, 2016
- June 4, 2016
- June 10, 2016
- June 11, 2016
- June 13, 2016
- June 14, 2016
- June 16, 2016
- June 17, 2016
- June 21, 2016
- June 22, 2016
- June 23, 2016
- June 24, 2016
- June 25, 2016
- June 27, 2016
- June 29, 2016
- June 30, 2016
- July 5, 2016
- July 6, 2016
- July 8, 2016
- July 11, 2016
- July 12, 2016
- July 13, 2016
- July 14, 2016
- July 15, 2016
- July 20, 2016
- July 22, 2016
- July 23, 2016
- July 25, 2016
- July 26, 2016
- July 27, 2016

- GCL Repair Log
  - May 4, 2016 through July 26, 2016
  - July 27, 2016

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- GCL Repair Report
  - May 4, 2016 through June 22, 2016
  - June 27, 2016 through July 27, 2016
  - July 27, 2016
- GCL Daily Progress Reports
  - April 26, 2016
  - April 27, 2016
  - April 28, 2016
  - May 2, 2016
  - May 3, 2016
  - May 4, 2016
  - May 5, 2016
  - May 6, 2016
  - May 7, 2016
  - May 9, 2016
  - May 10, 2016
  - May 11, 2016
  - May 12, 2016
  - May 13, 2016
  - May 16, 2016
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  - May 25, 2016
  - May 26, 2016
  - June 2, 2016
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  - June 22, 2016
  - June 23, 2016

Envirocon

- June 24, 2016
- June 25, 2016
- June 27, 2016
- June 28, 2016
- June 29, 2016
- June 30, 2016
- July 5, 2016
- July 6, 2016
- July 7, 2016
- July 8, 2016
- July 11, 2016
- July 12, 2016
- July 13, 2016
- July 14, 2016
- July 15, 2016
- July 16, 2016
- July 18, 2016
- July 20, 2016
- July 22, 2016
- July 23, 2016
- July 25, 2016
- July 26, 2016
- July 27, 2016

Based on the observations of geosynthetics deployment and review of the following testing and inspection reports, I hereby certify that all documents included within this packet are in compliance with the contract specifications and drawings.

R. Scott Ribes

R. Scott Ribes, P.E. 11-10-16

4 of 4

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book					
										Totals to Date	**282,703**	**1,221**	**4,274**	**286,976**	**308,907**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-1	G15G375216	5/4/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-2	G15G381019	5/4/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-3	G15G374195	5/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-4	G15G375225	5/4/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-5	G15G381001	5/4/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-6	G15G381020	5/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-7	G15G375244	5/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-8	G15G374178	5/4/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-9	G15G374193	5/4/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-10	G15G375212	5/4/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-11	G15G374198	5/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-12	G15G375208	5/5/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-13	G15G375243	5/5/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-14	G15G375229	5/5/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-15	G15G375259	5/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-16	G15G375234	5/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-17	G15G375206	5/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-18	G15G382123	5/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-19	G15G383195	5/6/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-20	G15G381018	5/6/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2372
C-21	G15G384271	5/6/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-22	G15G375224	5/6/16	34.00	24.00	29.00	14.50	14.50	14.50	-	-	421	-	-	421	481
C-23	G15G375224	5/6/16	24.00	12.00	18.00	14.50	14.50	14.50	-	-	261	-	-	261	310
C-24	G15G375224	5/6/16	-	-	-	-	-	-	12.00	14.50	87	-	-	87	109
C-25	G15G383197	5/6/16	31.00	31.00	31.00	9.50	9.50	9.50	-	-	295	10	33	328	543
C-26	G15G375224	5/6/16	61.50	61.50	61.50	9.50	9.50	9.50	-	-	584	-	-	584	984
C-27	G15G383197	5/6/16	56.00	43.00	49.50	9.50	9.50	9.50	-	-	470	-	-	470	798

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book								
							Totals to Date				282,703	1,221	4,274	286,976	308,907
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-28	G15G382125	5/9/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-29	G15G383204	5/9/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2263
C-30	G15G383209	5/9/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	15	51	2,211	2341
C-31	G15G382126	5/9/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-32	G15G382119	5/9/16	147.00	134.00	140.50	14.50	14.50	14.50	-	-	2,037	15	51	2,088	2220
C-33	G15G383224	5/9/16	134.00	123.00	128.50	14.50	14.50	14.50	-	-	1,863	15	51	1,914	2034
C-34	G15G384274	5/9/16	52.00	42.00	47.00	14.50	14.50	14.50	-	-	682	-	-	682	760
C-35	G15G384274	5/9/16	45.00	32.00	38.50	14.50	14.50	14.50	-	-	558	-	-	558	628
C-36	G15G384274	5/9/16	32.00	16.00	24.00	14.50	14.50	14.50	-	-	348	-	-	348	403
C-37	G15G383224	5/9/16	16.00	5.00	10.50	14.50	14.50	14.50	-	-	152	-	-	152	194
C-38	G15G383196	5/10/16	123.00	109.00	116.00	14.50	14.50	14.50	-	-	1,682	15	51	1,733	1829
C-39	G15G382121	5/10/16	109.00	96.00	102.50	14.50	14.50	14.50	-	-	1,486	15	51	1,537	1620
C-40	G15G383194	5/10/16	96.00	87.00	91.50	14.50	14.50	14.50	-	-	1,327	15	51	1,378	1449
C-41	G15G381073	5/10/16	87.00	71.00	79.00	14.50	14.50	14.50	-	-	1,146	15	51	1,196	1256
C-42	G15G381073	5/10/16	71.00	58.00	64.50	14.50	14.50	14.50	-	-	935	15	51	986	1031
C-43	G15G382124	5/10/16	58.00	44.00	51.00	14.50	14.50	14.50	-	-	740	15	51	790	822
C-44	G15G382121	5/10/16	44.00	37.00	40.50	14.50	14.50	14.50	-	-	587	15	51	638	667
C-45	G15G383194	5/10/16	37.00	28.00	32.50	10.50	10.50	10.50	-	-	341	39	135	476	543
C-46	G15G382124	5/10/16	42.00	57.00	49.50	14.50	14.50	14.50	-	-	718	15	51	769	791
C-47	G15G375242	5/10/16	42.00	28.00	35.00	14.50	14.50	14.50	-	-	508	15	51	558	566
C-48	G15G382124	5/10/16	-	-	-	-	-	-	28.00	13.00	182	13	46	228	232
C-49	G15G375242	5/11/16	60.00	78.00	69.00	14.50	14.50	14.50	-	-	1,001	15	51	1,051	1073
C-50	G15G381202	5/11/16	78.00	96.00	87.00	14.50	14.50	14.50	-	-	1,262	15	51	1,312	1368
C-51	G15G375242	5/11/16	-	-	-	-	-	-	16.00	12.00	96	-	-	96	119
C-52	G15G374197	5/11/16	96.00	114.00	105.00	14.50	14.50	14.50	-	-	1,523	15	51	1,573	1643

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book					
										Totals to Date	**282,703**	**1,221**	**4,274**	**286,976**	**308,907**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-53	G15G381017	5/11/16	114.00	130.00	122.00	14.50	14.50	14.50	-	-	1,769	15	51	1,820	1891
C-54	G15G382128	5/11/16	130.00	146.00	138.00	14.50	14.50	14.50	-	-	2,001	15	51	2,052	2155
C-55	G15G383203	5/11/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2279
C-56	G15G382128	5/11/16	6.00	19.00	12.50	14.50	14.50	14.50	-	-	181	-	-	181	194
C-57	G15G383192	5/11/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-58	G15G381017	5/11/16	18.00	30.00	24.00	14.50	14.50	14.50	-	-	348	-	-	348	380
C-59	G15G382095	5/11/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-60	G15G382097	5/11/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2356
C-61	G15G382117	5/11/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-62	G15G382085	5/11/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-63	G15G383194	5/11/16	23.00	23.00	23.00	14.50	14.50	14.50	-	-	334	-	-	334	388
C-64	G15G375242	5/11/16	28.00	11.00	19.50	14.50	14.50	14.50	-	-	283	-	-	283	302
C-65	G15G383196	5/11/16	27.00	27.00	27.00	14.50	14.50	14.50	-	-	392	-	-	392	419
C-66	G15G374197	5/11/16	29.00	29.00	29.00	14.50	14.50	14.50	-	-	421	-	-	421	450
C-67	G15G375242	5/11/16	52.00	52.00	52.00	14.50	14.50	14.50	-	-	754	-	-	754	806
C-68	G15G384274	5/11/16	28.00	28.00	28.00	14.50	14.50	14.50	-	-	406	-	-	406	465
C-69	G15G383197	5/11/16	28.50	28.50	28.50	14.50	14.50	14.50	-	-	413	-	-	413	450
C-70	G15G382143	5/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-71	G15G382118	5/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-72	G15G383193	5/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-73	G15G383213	5/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-74	G15G382116	5/12/16	55.00	55.00	55.00	14.50	14.50	14.50	-	-	798	-	-	798	853
C-75	G15G382116	5/12/16	52.00	52.00	52.00	14.50	14.50	14.50	-	-	754	-	-	754	806
C-76	G15G382116	5/12/16	52.00	52.00	52.00	14.50	14.50	14.50	-	-	754	-	-	754	806
C-77	G15G383230	5/12/16	52.00	52.00	52.00	14.50	14.50	14.50	-	-	754	-	-	754	806
C-78	G15G382091	5/12/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-79	G15381002	5/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	282,703	1,221	4,274	286,976	308,907
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-80	G15G382096	5/12/16	117.00	117.00	117.00	14.50	14.50	14.50	-	-	1,697	-	-	1,697	1814
C-81	G15G383230	5/12/16	84.00	84.00	84.00	14.50	14.50	14.50	-	-	1,218	-	-	1,218	1333
C-82	G15G382096	5/12/16	33.00	33.00	33.00	14.50	14.50	14.50	-	-	479	-	-	479	512
C-83	G15G382129	5/12/16	38.00	38.00	38.00	14.50	14.50	14.50	-	-	551	-	-	551	589
C-84	G15G382129	5/12/16	28.00	28.00	28.00	14.50	14.50	14.50	-	-	406	-	-	406	558
C-85	G15G376315	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-86	G15G382094	5/25/16	142.00	142.00	142.00	14.50	14.50	14.50	-	-	2,059	15	51	2,110	2232
C-87	G15G383190	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-88	G15G376283	5/25/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2356
C-89	G15G383211	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-90	G15G383208	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-91	G15G375255	5/25/16	116.00	116.00	116.00	14.50	14.50	14.50	-	-	1,682	-	-	1,682	1829
C-92	G15G375255	5/25/16	32.00	32.00	32.00	14.50	14.50	14.50	-	-	464	-	-	464	527
C-93	G15G382129	5/25/16	90.00	90.00	90.00	14.50	14.50	14.50	-	-	1,305	-	-	1,305	1426
C-94	G15G383191	5/25/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	-	-	2,190	2372
C-95	G15G382127	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-96	G15G375237	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-97	G15G383227	5/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-98	G15G383200	5/25/16	119.00	119.00	119.00	14.50	14.50	14.50	-	-	1,726	-	-	1,726	1876
C-99	G15G383200	5/25/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	496
C-100	G15G375257	5/25/16	86.00	86.00	86.00	14.50	14.50	14.50	-	-	1,247	-	-	1,247	1364
C-101	G15E375257	5/25/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	946
C-102	G15G376281	5/25/16	58.00	58.00	58.00	14.50	14.50	14.50	-	-	841	-	-	841	930
C-103	G15G376281	5/25/16	90.00	90.00	90.00	14.50	14.50	14.50	-	-	1,305	-	-	1,305	1426
C-104	G15G374200	5/25/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	465
C-105	G15G374200	5/25/16	114.00	114.00	114.00	14.50	14.50	14.50	-	-	1,653	-	-	1,653	1798
C-106	G15G376282	5/25/16	119.00	119.00	119.00	14.50	14.50	14.50	-	-	1,726	-	-	1,726	1876

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book					
										Totals to Date	282,703	1,221	4,274	286,976	308,907
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-107	G15G376282	5/25/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	496
C-108	G15G375260	5/25/16	88.00	88.00	88.00	14.50	14.50	14.50	-	-	1,276	-	-	1,276	1395
C-109	G15G375260	5/25/16	56.00	56.00	56.00	14.50	14.50	14.50	-	-	812	-	-	812	899
C-110	G15G374199	5/25/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	977
C-111	G15G383210	5/26/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-112	G15G383199	5/26/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-113	G15G375254	5/26/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-114	G15G382133	5/26/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2356
C-115	G15G374182	5/26/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2372
C-116	G15G374199	5/26/16	87.00	87.00	87.00	14.50	14.50	14.50	-	-	1,262	-	-	1,262	1380
C-117	G15G375256	5/26/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	-	-	522	589
C-118	G15G375256	5/26/16	116.00	116.00	116.00	14.50	14.50	14.50	-	-	1,682	-	-	1,682	1829
C-119	G15G383226	5/26/16	113.00	113.00	113.00	14.50	14.50	14.50	-	-	1,639	-	-	1,639	1783
C-120	G15G383226	5/26/16	28.00	28.00	28.00	14.50	14.50	14.50	-	-	406	-	-	406	465
C-121	G15G375251	5/26/16	90.00	90.00	90.00	14.50	14.50	14.50	-	-	1,305	-	-	1,305	1442
C-122	G15G375251	5/26/16	53.00	53.00	53.00	14.50	14.50	14.50	-	-	769	-	-	769	853
C-123	G15G383231	5/26/16	65.00	65.00	65.00	14.50	14.50	14.50	-	-	943	-	-	943	1008
C-124	G15G382137	6/2/16	142.00	142.00	142.00	14.50	14.50	14.50	-	-	2,059	15	51	2,110	2232
C-125	G15G382140	6/2/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-126	G15G375252	6/2/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	15	51	2,211	2341
C-127	G15G383201	6/2/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2263
C-128	G15G383139	6/2/16	127.00	127.00	127.00	14.50	14.50	14.50	-	-	1,842	-	-	1,842	2000
C-129	G15G383139	6/2/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-130	G15G383202	6/2/16	108.00	108.00	108.00	14.50	14.50	14.50	-	-	1,566	-	-	1,566	1674
C-131	G15G383202	6/2/16	44.00	44.00	44.00	14.50	14.50	14.50	-	-	638	-	-	638	713
C-132	G15G383231	6/2/16	81.00	81.00	81.00	14.50	14.50	14.50	-	-	1,175	-	-	1,175	1287

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book					
										Totals to Date	**282,703**	**1,221**	**4,274**	**286,976**	**308,907**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-133	G15G382132	6/2/16	129.00	129.00	129.00	14.50	14.50	14.50	-	-	1,871	-	-	1,871	2031
C-134	G15G383222	6/2/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-135	G15G383215	6/2/16	125.00	125.00	125.00	14.50	14.50	14.50	-	-	1,813	-	-	1,813	1969
C-136	G15G376338	6/2/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-137	G15G382136	6/2/16	129.00	129.00	129.00	14.50	14.50	14.50	-	-	1,871	-	-	1,871	2031
C-138	G15G382135	6/2/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-139	G15G383229	6/2/16	125.00	125.00	125.00	14.50	14.50	14.50	-	-	1,813	-	-	1,813	1969
C-140	G15G383218	6/2/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-141	G15G383229	6/2/16	23.00	23.00	23.00	14.50	14.50	14.50	-	-	334	-	-	334	388
C-142	G15G382136	6/2/16	21.00	21.00	21.00	14.50	14.50	14.50	-	-	305	-	-	305	357
C-143	G15G383215	6/2/16	21.00	21.00	21.00	14.50	14.50	14.50	-	-	305	-	-	305	364
C-144	G15G383223	6/2/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	977
C-145	G15G383139	6/2/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	279
C-146	G15G383223	6/2/16	82.00	82.00	82.00	14.50	14.50	14.50	-	-	1,189	-	-	1,189	1302
C-147	G15G376337	6/2/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2263
C-148	G15G376341	6/2/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-149	G15G374196	6/2/16	11.00	11.00	11.00	14.50	14.50	14.50	-	-	160	-	-	160	202
C-150	G15G374196	6/2/16	124.00	124.00	124.00	14.50	14.50	14.50	-	-	1,798	-	-	1,798	2000
C-151	G15G383228	6/2/16	27.00	27.00	27.00	14.50	14.50	14.50	-	-	392	-	-	392	450
C-152	G15G382144	6/2/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-153	G15G383228	6/2/16	118.00	118.00	118.00	14.50	14.50	14.50	-	-	1,711	-	-	1,711	1860
C-154	G15G374196	6/2/16	7.00	7.00	7.00	14.50	14.50	14.50	-	-	102	-	-	102	109
C-155	G15G376316	6/3/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2263
C-156	G15G376292	6/3/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2279
C-157	G15G376318	6/3/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-158	G15G383214	6/3/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-159	G15G382106	6/3/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2356

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	282,703	1,221	4,274	286,976	308,907
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-160	G15G375221	6/3/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-161	G15G384247	6/3/16	128.00	128.00	128.00	14.50	14.50	14.50	-	-	1,856	-	-	1,856	2015
C-162	G15G376317	6/3/16	131.00	131.00	131.00	14.50	14.50	14.50	-	-	1,900	-	-	1,900	2062
C-163	G15G382131	6/3/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-164	G15G376340	6/3/16	131.00	131.00	131.00	14.50	14.50	14.50	-	-	1,900	-	-	1,900	2062
C-165	G15G382138	6/3/16	31.00	31.00	31.00	14.50	14.50	14.50	-	-	450	-	-	450	512
C-166	G15G382134	6/3/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	15	51	2,226	2356
C-167	G15G382115	6/3/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-168	G15G382138	6/3/16	108.00	108.00	108.00	14.50	14.50	14.50	-	-	1,566	-	-	1,566	1783
C-169	G15G376314	6/3/16	134.00	134.00	134.00	14.50	14.50	14.50	-	-	1,943	-	-	1,943	2108
C-170	G15G375218	6/3/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-171	G15G384275	6/3/16	133.00	133.00	133.00	14.50	14.50	14.50	-	-	1,929	-	-	1,929	2093
C-172	G15G374179	6/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-173	G15G374187	6/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-174	G15G374189	6/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-175	G15G375240	6/4/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-176	G15G375245	6/4/16	131.00	131.00	131.00	14.50	14.50	14.50	-	-	1,900	-	-	1,900	2062
C-177	G15G375245	6/4/16	14.00	14.00	14.00	8.00	8.00	8.00	-	-	112	-	-	112	144
C-178	G15G375245	6/4/16	16.00	16.00	16.00	4.00	4.00	4.00	-	-	64	-	-	64	90
C-179	G15G384275	6/4/16	15.00	15.00	15.00	8.00	8.00	8.00	-	-	120	-	-	120	171
C-180	G15G384275	6/4/16	14.00	14.00	14.00	6.00	6.00	6.00	-	-	84	-	-	84	112
C-181	G15G384247	6/4/16	17.00	17.00	17.00	6.00	6.00	6.00	-	-	102	-	-	102	133
C-182	G15G375238	6/4/16	37.00	37.00	37.00	8.00	8.00	8.00	-	-	296	-	-	296	369
C-183	G15G375238	6/4/16	23.00	23.00	23.00	4.00	4.00	4.00	-	-	92	-	-	92	125
C-184	G15G375238	6/4/16	100.00	100.00	100.00	14.50	14.50	14.50	-	-	1,450	-	-	1,450	1643
C-185	G15G375217	6/4/16	132.00	132.00	132.00	14.50	14.50	14.50	-	-	1,914	-	-	1,914	2077
C-186	G15G374188	6/4/16	134.00	134.00	134.00	14.50	14.50	14.50	-	-	1,943	-	-	1,943	2108

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book								
							Totals to Date				282,703	1,221	4,274	286,976	308,907
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-187	G15G374192	6/4/16	28.00	28.00	28.00	14.50	14.50	14.50	-	-	406	-	-	406	465
C-188	G15G374190	6/4/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-189	G15G374185	6/4/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2325
C-190	G15G375222	6/4/16	131.00	131.00	131.00	14.50	14.50	14.50	-	-	1,900	-	-	1,900	2062
C-191	G15G374194	6/4/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-192	G15G374192	6/4/16	108.00	108.00	108.00	14.50	14.50	14.50	-	-	1,566	-	-	1,566	1721
C-193	G15G374186	6/4/16	128.00	128.00	128.00	14.50	14.50	14.50	-	-	1,856	-	-	1,856	2015
C-194	G15G375231	6/4/16	22.00	22.00	22.00	14.50	14.50	14.50	-	-	319	-	-	319	372
C-195	G15G375231	6/4/16	116.00	116.00	116.00	14.50	14.50	14.50	-	-	1,682	15	51	1,733	1829
C-196	G15G375236	6/4/16	138.00	138.00	138.00	14.50	14.50	14.50	-	-	2,001	-	-	2,001	2170
C-197	G15G375204	6/4/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	-	-	363	419

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	282,703	1,221	4,274	288,198	308,907
										Totals to Date	580,269	1,850	6,476	587,966	634,444
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-198	G15G374183	6/10/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2279
C-199	G15G375228	6/10/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	15	51	2,211	2341
C-200	G15G375232	6/10/16	140.00	140.00	140.00	14.50	14.50	14.50	-	-	2,030	15	51	2,081	2201
C-201	G15G375266	6/10/16	141.00	141.00	141.00	14.50	14.50	14.50	-	-	2,045	15	51	2,095	2217
C-202	G15G375250	6/10/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	15	51	2,124	2248
C-203	G15G374201	6/10/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-204	G15G375204	6/10/16	108.00	108.00	108.00	14.50	14.50	14.50	-	-	1,566	-	-	1,566	1705
C-205	G15G375233	6/10/16	128.00	128.00	128.00	14.50	14.50	14.50	-	-	1,856	-	-	1,856	2031
C-206	G15G375246	6/10/16	138.00	138.00	138.00	14.50	14.50	14.50	-	-	2,001	-	-	2,001	2170
C-207	G15G375253	6/10/16	137.00	137.00	137.00	14.50	14.50	14.50	-	-	1,987	-	-	1,987	2155
C-208	G15G374202	6/10/16	134.00	134.00	134.00	14.50	14.50	14.50	-	-	1,943	-	-	1,943	2108
C-209	G15G375267	6/10/16	127.00	127.00	127.00	14.50	14.50	14.50	-	-	1,842	-	-	1,842	2000
C-210	G15G241064	6/10/16	22.00	22.00	22.00	14.50	14.50	14.50	-	-	319	-	-	319	372
C-211	G15G375265	6/10/16	135.00	135.00	135.00	14.50	14.50	14.50	-	-	1,958	15	51	2,008	2124
C-212	G15G375247	6/10/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2310
C-213	G15G375227	6/10/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-214	G15G375269	6/10/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	15	51	2,211	2341
C-215	G15G375264	6/10/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-216	G15G376288	6/10/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2356
C-217	G15G383206	6/10/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2325
C-218	G15G375268	6/10/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2325
C-219	G15G376284	6/10/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-220	G15G376287	6/10/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-221	G15G376295	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2294
C-222	G15G375263	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2294
C-223	G15G375261	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2310

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	282,703	1,221	4,274	288,198	308,907
										Totals to Date	580,269	1,850	6,476	587,966	634,444
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-224	G15G376286	6/11/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	15	51	2,124	2263
C-225	G15G375262	6/11/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2310
C-226	G15G375203	6/11/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	14	49	2,079	2294
C-227	G15G375205	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2294
C-228	G15G374181	6/11/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2310
C-229	G15G375211	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-230	G15G375209	6/11/16	145.00	145.00	145.00	14.10	14.10	14.10	-	-	2,045	-	-	2,045	2310
C-231	G15G375214	6/11/16	144.00	144.00	144.00	14.10	14.10	14.10	-	-	2,030	-	-	2,030	2294
C-232	G15G376285	6/11/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	-	-	2,074	2310
C-233	G15G375207	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2830
C-234	G15G383221	6/11/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	15	51	2,067	2294
C-235	G15G383219	6/11/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2294
C-236	G15G375215	6/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	14	49	2,051	2263
C-237	G15G375210	6/11/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	15	51	2,139	2294
C-238	G15G383216	6/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2279
C-239	G15G383217	6/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2310
C-240	G15G383212	6/11/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2294
C-241	G15G383243	6/11/16	144.00	144.00	144.00	14.20	14.20	14.20	-	-	2,045	-	-	2,045	2310
C-242	G15G341031	6/11/16	143.00	143.00	143.00	14.30	14.30	14.30	-	-	2,045	-	-	2,045	2248
C-243	G15383220	6/13/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-244	G15G201022	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2325
C-245	G15G111008	6/13/16	135.00	135.00	135.00	14.50	14.50	14.50	-	-	1,958	15	51	2,008	2124
C-246	G15G383244	6/13/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-247	G15G204218	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-248	G15G336423	6/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-249	G15G384276	6/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**282,703**	**1,221**	**4,274**	**288,198**	**308,907**
										Totals to Date	**580,269**	**1,850**	**6,476**	**587,966**	**634,444**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-250	G15G341030	6/13/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	15	51	2,240	2387
C-251	G15G134265	6/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-252	G15G336422	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-253	G15G341029	6/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-254	G15G336429	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-255	G15G374213	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2310
C-256	G15G362145	6/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	15	51	2,197	2325
C-257	G15G382141	6/13/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	15	51	2,182	2310
C-258	G15G376312	6/13/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-259	G15G112070	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-260	G15G382130	6/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-261	G15G376298	6/14/16	140.00	125.00	132.50	14.50	14.50	14.50	-	-	1,921	15	51	1,972	2085
C-262	G15G376299	6/14/16	125.00	107.00	116.00	14.50	14.50	14.50	-	-	1,682	15	51	1,733	1829
C-263	G15G376299	6/14/16	33.00	20.00	26.50	14.50	14.50	14.50	-	-	384	-	-	384	442
C-264	G15G376294	6/14/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	-	-	522	589
C-265	G15G376294	6/14/16	17.00	17.00	17.00	14.50	14.50	14.50	-	-	247	-	-	247	295
C-266	G15G376294	6/14/16	22.00	22.00	22.00	14.50	14.50	14.50	-	-	319	15	51	370	403
C-267	G15G376294	6/14/16	46.00	46.00	46.00	14.50	14.50	14.50	-	-	667	15	51	718	744
C-268	G15G376322	6/14/16	49.00	36.00	42.50	14.50	14.50	14.50	-	-	616	-	-	616	690
C-269	G15G376322	6/14/16	30.00	36.00	33.00	14.50	14.50	14.50	-	-	479	-	-	479	543
C-270	G15G376322	6/14/16	50.00	50.00	50.00	14.50	14.50	14.50	-	-	725	15	51	776	822
C-271	G15G376297	6/14/16	67.00	50.00	58.50	14.50	14.50	14.50	-	-	848	15	51	899	938
C-272	G15G376297	6/14/16	36.00	47.00	41.50	14.50	14.50	14.50	-	-	602	15	51	653	690
C-273	G15G376297	6/14/16	37.00	36.00	36.50	14.50	14.50	14.50	-	-	529	15	51	580	636
C-274	G15G376319	6/14/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	15	51	573	620
C-275	G15G376319	6/14/16	34.00	34.00	34.00	14.50	14.50	14.50	-	-	493	50	175	668	605

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	282,703	1,221	4,274	288,198	308,907
										Totals to Date	580,269	1,850	6,476	587,966	634,444
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-276	G15G376319	6/14/16	65.00	65.00	65.00	14.50	14.50	14.50	-	-	943	-	-	943	1039
C-277	G15G375230	6/16/16	65.00	83.00	74.00	14.50	14.50	14.50	-	-	1,073	-	-	1,073	1147
C-278	G15G375230	6/16/16	59.00	77.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1101
C-279	G15G376327	6/16/16	24.00	24.00	24.00	14.50	14.50	14.50	-	-	348	-	-	348	372
C-280	G15G376327	6/16/16	99.00	118.00	108.50	14.50	14.50	14.50	-	-	1,573	-	-	1,573	1682
C-281	G15G376293	6/16/16	118.00	135.00	126.50	14.50	14.50	14.50	-	-	1,834	-	-	1,834	1961
C-282	G15G376293	6/16/16	14.00	28.00	21.00	14.50	14.50	14.50	-	-	305	-	-	305	326
C-283	G15G376296	6/16/16	121.00	121.00	121.00	14.50	14.50	14.50	-	-	1,755	-	-	1,755	1907
C-284	G15G376296	6/16/16	17.00	17.00	17.00	14.50	14.50	14.50	-	-	247	-	-	247	295
C-285	G15G376321	6/16/16	128.00	128.00	128.00	14.50	14.50	14.50	-	-	1,856	-	-	1,856	2015
C-286	G15G381016	6/16/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-287	G15G376320	6/16/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-288	G15G376324	6/16/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-289	G15G376303	6/16/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-290	G15G381008	6/16/16	23.00	37.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	465
C-291	G15G381008	6/16/16	37.00	59.00	48.00	14.50	14.50	14.50	-	-	696	-	-	696	744
C-292	G15G381008	6/16/16	64.00	64.00	64.00	14.50	14.50	14.50	-	-	928	-	-	928	992
C-293	G15G376304	6/16/16	67.00	68.00	67.50	14.50	14.50	14.50	-	-	979	-	-	979	1054
C-294	G15G376325	6/17/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-295	G15G376306	6/17/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-296	G15G376308	6/17/16	-	-	-	-	-	-	55.00	6.00	165	-	-	165	171
C-297	G15G376308	6/17/16	146.00	146.00	146.00	8.00	14.00	11.00	-	-	1,606	-	-	1,606	1739
C-298	G15G375277	6/17/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-299	G15G376326	6/17/16	68.00	68.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1054
C-300	G15G376326	6/17/16	68.00	68.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1054
C-301	G15G376326	6/17/16	12.00	12.00	12.00	14.50	14.50	14.50	-	-	174	-	-	174	217

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	282,703	1,221	4,274	288,198	308,907
										Totals to Date	580,269	1,850	6,476	587,966	634,444
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-302	G15G376326	6/17/16	12.00	12.00	12.00	7.00	7.00	7.00	-	-	84	-	-	84	105
C-303	G15G376308	6/17/16	42.00	42.00	42.00	7.00	7.00	7.00	-	-	294	-	-	294	315
C-304	G15G376304	6/17/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	946
C-305	G15G375279	6/17/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-306	G15G376302	6/17/16	63.00	63.00	63.00	14.50	14.50	14.50	-	-	914	-	-	914	992
C-307	G15G374186	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	248
C-308	G15G374194	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	248
C-309	G15G375233	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	248
C-310	G15G374188	6/21/16	15.00	15.00	15.00	9.00	9.00	9.00	-	-	135	-	-	135	170
C-311	G15G375267	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	264
C-312	G15G376304	6/21/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	264
C-313	G15G376322	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	233
C-314	G15G375217	6/21/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	233
C-315	G15G241064	6/21/16	125.00	125.00	125.00	14.50	14.50	14.50	-	-	1,813	-	-	1,813	1984
C-316	G15G383235	6/21/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	-	-	2,074	2248
C-317	G15G383240	6/21/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-318	G15G376302	6/21/16	86.00	86.00	86.00	14.50	14.50	14.50	-	-	1,247	-	-	1,247	1333
C-319	G15G384246	6/21/16	138.00	138.00	138.00	14.50	14.50	14.50	-	-	2,001	-	-	2,001	2170
C-320	G15G383225	6/21/16	141.00	141.00	141.00	14.50	14.50	14.50	-	-	2,045	-	-	2,045	2217
C-321	G15G383242	6/21/16	65.00	65.00	65.00	14.50	14.50	14.50	-	-	943	-	-	943	1039
C-322	G15G383242	6/21/16	65.00	65.00	65.00	14.50	14.50	14.50	-	-	943	-	-	943	1039
C-323	G15G383233	6/21/16	74.00	74.00	74.00	14.50	14.50	14.50	-	-	1,073	-	-	1,073	1178
C-324	G15G383233	6/21/16	63.00	63.00	63.00	14.50	14.50	14.50	-	-	914	-	-	914	1023
C-325	G15G375222	6/21/16	8.00	8.00	8.00	14.50	14.50	14.50	-	-	116	-	-	116	140
C-326	G15G375222	6/21/16	13.00	13.00	13.00	14.50	14.50	14.50	-	-	189	-	-	189	233
C-327	G15G383233	6/21/16	8.00	8.00	8.00	14.50	14.50	14.50	-	-	116	-	-	116	171

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**282,703**	**1,221**	**4,274**	**288,198**	**308,907**
										Totals to Date	**580,269**	**1,850**	**6,476**	**587,966**	**634,444**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-328	G15G375226	6/21/16	37.00	37.00	37.00	14.50	14.50	14.50	-	-	537	-	-	537	605
C-329	G15G375226	6/21/16	26.00	26.00	26.00	14.50	14.50	14.50	-	-	377	-	-	377	419
C-330	G15G375226	6/21/16	24.00	24.00	24.00	13.00	13.00	13.00	-	-	312	-	-	312	403
C-331	G15G375226	6/21/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-332	G15G375226	6/21/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-333	G15G375219	6/21/16	151.00	151.00	151.00	14.50	14.50	14.50	-	-	2,190	-	-	2,190	2387
C-334	G15G383205	6/21/16	142.00	142.00	142.00	14.50	14.50	14.50	-	-	2,059	-	-	2,059	2232
C-335	G15G383236	6/21/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-336	G15G383238	6/21/16	124.00	124.00	124.00	14.50	14.50	14.50	-	-	1,798	-	-	1,798	1922
C-337	G15G383238	6/21/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	-	-	363	403
C-338	G15G383237	6/21/16	106.00	106.00	106.00	14.50	14.50	14.50	-	-	1,537	-	-	1,537	1674
C-339	G15G383237	6/21/16	50.00	50.00	50.00	14.50	14.50	14.50	-	-	725	-	-	725	775
C-340	G15G383245	6/21/16	79.00	79.00	79.00	14.50	14.50	14.50	-	-	1,146	-	-	1,146	1256
C-341	G15E383245	6/22/16	63.00	63.00	63.00	14.50	14.50	14.50	-	-	914	-	-	914	1008
C-342	G15G375223	6/22/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2263
C-343	G15G375235	6/22/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-344	G15G383239	6/22/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-345	G15G383234	6/22/16	142.00	142.00	142.00	14.50	14.50	14.50	-	-	2,059	-	-	2,059	2232
C-346	G15G383232	6/22/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-347	G15G383241	6/22/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-348	G15G375239	6/22/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-349	G15G376301	6/22/16	64.00	64.00	64.00	14.50	14.50	14.50	-	-	928	-	-	928	992
C-350	G15G376301	6/22/16	80.00	80.00	80.00	14.50	14.50	14.50	-	-	1,160	-	-	1,160	1271
C-351	G15G376330	6/22/16	48.00	48.00	48.00	14.50	14.50	14.50	-	-	696	-	-	696	744
C-352	G15G376330	6/22/16	101.00	101.00	101.00	14.50	14.50	14.50	-	-	1,465	-	-	1,465	1597
C-353	G15G375276	6/22/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	465

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	282,703	1,221	4,274	288,198	308,907
										Totals to Date	580,269	1,850	6,476	587,966	634,444
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-354	G15G375276	6/22/16	119.00	119.00	119.00	14.50	14.50	14.50	-	-	1,726	-	-	1,726	1876
C-355	G15G381013	6/22/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	248
C-356	G15G381013	6/22/16	122.00	122.00	122.00	14.50	14.50	14.50	-	-	1,769	-	-	1,769	1922
C-357	G15G381013	6/22/16	7.00	7.00	7.00	14.50	14.50	14.50	-	-	102	-	-	102	124
C-358	G15G376305	6/22/16	123.00	123.00	123.00	14.50	14.50	14.50	-	-	1,784	-	-	1,784	1907
C-359	G15G376305	6/22/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	-	-	363	419
C-360	G15G375273	6/22/16	102.00	102.00	102.00	14.50	14.50	14.50	-	-	1,479	-	-	1,479	1612
C-361	G15G375273	6/23/16	28.00	28.00	28.00	14.50	14.50	14.50	-	-	406	-	-	406	434
C-362	G15G375278	6/23/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-363	G15G376280	6/23/16	101.00	101.00	101.00	14.50	14.50	14.50	-	-	1,465	-	-	1,465	1597
C-364	G15G376280	6/23/16	49.00	49.00	49.00	14.50	14.50	14.50	-	-	711	-	-	711	760
C-365	G15G376300	6/23/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-366	G15G375275	6/23/16	76.00	76.00	76.00	14.50	14.50	14.50	-	-	1,102	-	-	1,102	1209
C-367	G15G375275	6/23/16	68.00	68.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1085
C-368	G15G375274	6/23/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-369	G15G376307	6/23/16	60.00	60.00	60.00	14.50	14.50	14.50	-	-	870	-	-	870	961
C-370	G15G376307	6/23/16	75.00	75.00	75.00	14.50	14.50	14.50	-	-	1,088	-	-	1,088	1163
C-371	G15G376307	6/23/16	13.00	13.00	13.00	14.50	14.50	14.50	-	-	189	-	-	189	202
C-372	G15G376310	6/23/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-373	G15G376291	6/23/16	50.00	50.00	50.00	14.50	14.50	14.50	-	-	725	-	-	725	806
C-374	G15G376291	6/23/16	99.00	99.00	99.00	14.50	14.50	14.50	-	-	1,436	-	-	1,436	1581
C-375	G15G376289	6/23/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356
C-376	G15G375272	6/23/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2341
C-377	G15G376323	6/23/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-378	G15G375270	6/23/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2341

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**282,703**	**1,221**	**4,274**	**288,198**	**308,907**
										Totals to Date	**580,269**	**1,850**	**6,476**	**587,966**	**634,444**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-379	G15G381011	6/23/16	8.00	8.00	8.00	14.50	14.50	14.50	-	-	116	-	-	116	140
C-380	G15G381011	6/23/16	123.00	123.00	123.00	14.50	14.50	14.50	-	-	1,784	-	-	1,784	1907
C-381	G15G381011	6/23/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	264
C-382	G15G381004	6/23/16	104.00	104.00	104.00	14.50	14.50	14.50	-	-	1,508	-	-	1,508	1643
C-383	G15G381004	6/23/16	47.00	47.00	47.00	14.50	14.50	14.50	-	-	682	-	-	682	744
C-384	G15G376311	6/23/16	76.00	76.00	76.00	14.50	14.50	14.50	-	-	1,102	-	-	1,102	1225
C-385	G15G376311	6/24/16	76.00	76.00	76.00	14.50	14.50	14.50	-	-	1,102	-	-	1,102	1178
C-386	G15G381009	6/24/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-387	G15G374180	6/24/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-388	G15G376329	6/24/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-389	G15G376335	6/24/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-390	G15G375248	6/24/16	48.00	48.00	48.00	14.50	14.50	14.50	-	-	696	-	-	696	775
C-391	G15G375248	6/24/16	97.00	97.00	97.00	14.50	14.50	14.50	-	-	1,407	-	-	1,407	1535
C-392	G15G381014	6/24/16	26.00	26.00	26.00	14.50	14.50	14.50	-	-	377	-	-	377	403
C-393	G15G381014	6/24/16	124.00	124.00	124.00	14.50	14.50	14.50	-	-	1,798	-	-	1,798	1922
C-394	G15G375271	6/24/16	121.00	121.00	121.00	14.50	14.50	14.50	-	-	1,755	-	-	1,755	1876
C-395	G15G375271	6/24/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	465
C-396	G15G376332	6/24/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2341
C-397	G15G376290	6/24/16	83.00	83.00	83.00	14.50	14.50	14.50	-	-	1,204	-	-	1,204	1318
C-398	G15G376290	6/24/16	80.00	80.00	80.00	14.50	14.50	14.50	-	-	1,160	-	-	1,160	1271
C-399	G15G376333	6/24/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-400	G15G376331	6/24/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2325
C-401	G15G381015	6/24/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-402	G15G381012	6/24/16	57.00	57.00	57.00	14.50	14.50	14.50	-	-	827	-	-	827	915
C-403	G15G381012	6/24/16	92.00	92.00	92.00	14.50	14.50	14.50	-	-	1,334	-	-	1,334	1473
C-404	G15G381006	6/24/16	26.00	26.00	26.00	14.50	14.50	14.50	-	-	377	-	-	377	403
C-405	G15G381006	6/24/16	105.00	105.00	105.00	14.50	14.50	14.50	-	-	1,523	-	-	1,523	1628

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	580,269	1,850	6,476	588,595	634,444
										Totals to Date	866,698	2,032	6,476	875,024	946,910
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-406	G15G381007	6/25/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-407	G15G376328	6/25/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-408	G15G375249	6/25/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-409	G15G376309	6/25/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-410	G15G381010	6/25/16	100.00	100.00	100.00	14.50	14.50	14.50	-	-	1,450	-	-	1,450	1581
C-411	G15G381006	6/25/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	295
C-412	G15G381010	6/25/16	71.00	71.00	71.00	14.50	14.50	14.50	-	-	1,030	-	-	1,030	1116
C-413	G15G374184	6/25/16	48.00	48.00	48.00	22.50	22.50	22.50	-	-	1,080	-	-	1,080	1150
C-414	G15G374184	6/25/16	77.00	77.00	77.00	14.50	14.50	14.50	-	-	1,117	-	-	1,117	1225
C-415	G15G376334	6/25/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	-	-	522	558
C-416	G15G374202	6/25/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	248
C-417	G15G376334	6/25/16	102.00	102.00	102.00	14.50	14.50	14.50	-	-	1,479	-	-	1,479	1581
C-418	G15G376313	6/27/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-419	G15G376336	6/27/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2310
C-420	G15G383160	6/27/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-421	G15G382151	6/27/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-422	G15G336426	6/27/16	118.00	118.00	118.00	14.50	14.50	14.50	-	-	1,711	-	-	1,711	1829
C-423	G15G336426	6/27/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	465
C-424	G15G165393	6/27/16	87.00	87.00	87.00	14.50	14.50	14.50	-	-	1,262	-	-	1,262	1395
C-425	G15G165393	6/27/16	29.00	29.00	29.00	14.50	14.50	14.50	-	-	421	-	-	421	450
C-426	G14G442135	6/27/16	88.00	88.00	88.00	14.50	14.50	14.50	-	-	1,276	-	-	1,276	1395
C-427	G14G442135	6/27/16	60.00	60.00	60.00	14.50	14.50	14.50	-	-	870	-	-	870	930
C-428	G15G381056	6/27/16	55.00	55.00	55.00	14.50	14.50	14.50	-	-	798	-	-	798	884
C-429	G15G381056	6/27/16	92.00	92.00	92.00	14.50	14.50	14.50	-	-	1,334	-	-	1,334	1426
C-430	G14G063090	6/27/16	172.00	172.00	172.00	14.50	14.50	14.50	-	-	2,494	-	-	2,494	2666
C-431	G15G271042	6/27/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**580,269**	**1,850**	**6,476**	**588,595**	**634,444**
										Totals to Date	**866,698**	**2,032**	**6,476**	**875,024**	**946,910**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-432	G15G381052	6/27/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-433	G15G382153	6/27/16	148.00	148.00	148.00	22.50	22.50	22.50	-	-	3,330	-	-	3,330	3450
C-434	G15G381051	6/27/16	95.00	95.00	95.00	14.50	14.50	14.50	-	-	1,378	-	-	1,378	1504
C-435	G15G381051	6/27/16	49.00	49.00	49.00	14.50	14.50	14.50	-	-	711	-	-	711	791
C-436	G15G383180	6/27/16	67.00	67.00	67.00	14.50	14.50	14.50	-	-	972	-	-	972	1070
C-437	G15G383180	6/27/16	77.00	77.00	77.00	14.50	14.50	14.50	-	-	1,117	-	-	1,117	1225
C-438	G14G443164	6/27/16	39.00	39.00	39.00	14.50	14.50	14.50	-	-	566	-	-	566	605
C-439	G14G063090	6/27/16	22.00	22.00	22.00	14.50	14.50	14.50	-	-	319	-	-	319	341
C-440	G15G443164	6/29/16	107.00	107.00	107.00	14.50	14.50	14.50	-	-	1,552	-	-	1,552	1690
C-441	G15G382148	6/29/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2310
C-442	G15G203158	6/29/16	9.00	9.00	9.00	14.50	14.50	14.50	-	-	131	-	-	131	140
C-443	G15G203158	6/30/16	137.00	137.00	137.00	14.50	14.50	14.50	-	-	1,987	-	-	1,987	2155
C-444	G15382142	6/30/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-445	G15G383161	6/30/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-446	G15G382147	6/30/16	144.00	144.00	144.00	14.50	14.50	14.50	-	-	2,088	-	-	2,088	2263
C-447	G15G375220	6/30/16	123.00	123.00	123.00	14.50	14.50	14.50	-	-	1,784	-	-	1,784	1907
C-448	G15G375220	6/30/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	295
C-449	G15G381082	6/30/16	97.00	97.00	97.00	14.50	14.50	14.50	-	-	1,407	-	-	1,407	1550
C-450	G15G381082	6/30/16	48.00	48.00	48.00	14.50	14.50	14.50	-	-	696	-	-	696	744
C-451	G15G382146	6/30/16	67.00	67.00	67.00	14.50	14.50	14.50	-	-	972	-	-	972	1039
C-452	G15G382146	6/30/16	79.00	79.00	79.00	14.50	14.50	14.50	-	-	1,146	-	-	1,146	1256
C-453	G15G383159	6/30/16	43.00	43.00	43.00	14.50	14.50	14.50	-	-	624	-	-	624	667
C-454	G14G442133	6/30/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356
C-455	G14G295167	6/30/16	119.00	119.00	119.00	14.50	14.50	14.50	-	-	1,726	-	-	1,726	1876
C-456	G14G442126	6/30/16	112.00	112.00	112.00	14.50	14.50	14.50	-	-	1,624	-	-	1,624	1736

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	580,269	1,850	6,476	588,595	634,444
										Totals to Date	866,698	2,032	6,476	875,024	946,910
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-457	G14G442126	6/30/16	42.00	42.00	42.00	14.50	14.50	14.50	-	-	609	-	-	609	682
C-458	G15G383159	6/30/16	102.00	102.00	102.00	14.50	14.50	14.50	-	-	1,479	-	-	1,479	1612
C-459	G14G442134	7/5/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-460	G15G383169	7/5/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2317
C-461	G15G336428	7/5/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-462	G15G384270	7/5/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2341
C-463	G15G383179	7/5/16	115.00	115.00	115.00	14.50	14.50	14.50	-	-	1,668	-	-	1,668	1783
C-464	G15G383179	7/5/16	37.00	37.00	37.00	14.50	14.50	14.50	-	-	537	-	-	537	574
C-465	G15G302146	7/5/16	78.00	78.00	78.00	14.50	14.50	14.50	-	-	1,131	-	-	1,131	1240
C-466	G15G302146	7/5/16	38.00	38.00	38.00	14.50	14.50	14.50	-	-	551	-	-	551	636
C-467	G15G383176	7/5/16	70.00	70.00	70.00	14.50	14.50	14.50	-	-	1,015	-	-	1,015	1116
C-468	G15G383176	7/5/16	82.00	82.00	82.00	14.50	14.50	14.50	-	-	1,189	-	-	1,189	1271
C-469	G15G383185	7/5/16	15.00	15.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	233
C-470	G15G381084	7/5/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-471	G15G383185	7/5/16	100.00	100.00	100.00	14.50	14.50	14.50	-	-	1,450	-	-	1,450	1550
C-472	G15G383207	7/6/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-473	G15G383174	7/6/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2341
C-474	G14G442103	7/6/16	101.00	101.00	101.00	14.50	14.50	14.50	-	-	1,465	-	-	1,465	1566
C-475	G14G442103	7/6/16	50.00	50.00	50.00	14.50	14.50	14.50	-	-	725	-	-	725	775
C-476	G15G383185	7/6/16	27.00	27.00	27.00	14.50	14.50	14.50	-	-	392	-	-	392	419
C-477	G14G325269	7/6/16	21.00	21.00	21.00	14.50	14.50	14.50	-	-	305	-	-	305	372
C-478	G14G325269	7/8/16	128.00	128.00	128.00	14.50	14.50	14.50	-	-	1,856	-	-	1,856	2015
C-479	G15G383198	7/8/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-480	G15G383177	7/8/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2356
C-481	G15G383178	7/8/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**580,269**	**1,850**	**6,476**	**588,595**	**634,444**
										Totals to Date	**866,698**	**2,032**	**6,476**	**875,024**	**946,910**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-482	G15G383187	7/8/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356
C-483	G15G375241	7/8/16	86.00	86.00	86.00	14.50	14.50	14.50	-	-	1,247	-	-	1,247	1364
C-484	G15G374191	7/8/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2372
C-485	G15G336421	7/8/16	89.00	89.00	89.00	14.50	14.50	14.50	-	-	1,291	-	-	1,291	1426
C-486	G15G245194	7/8/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	-	-	363	403
C-487	G15G245194	7/8/16	98.00	98.00	98.00	14.50	14.50	14.50	-	-	1,421	-	-	1,421	1550
C-488	G15G245194	7/8/16	20.00	20.00	20.00	14.50	14.50	14.50	-	-	290	-	-	290	341
C-489	G14G143095	7/8/16	76.00	76.00	76.00	14.50	14.50	14.50	-	-	1,102	-	-	1,102	1209
C-490	G14G143095	7/8/16	41.00	41.00	41.00	14.50	14.50	14.50	-	-	595	-	-	595	667
C-491	G15G381026	7/8/16	43.00	43.00	43.00	14.50	14.50	14.50	-	-	624	-	-	624	713
C-492	G15G381026	7/8/16	92.00	92.00	92.00	14.50	14.50	14.50	-	-	1,334	-	-	1,334	1457
C-493	G15G381028	7/8/16	9.00	9.00	9.00	14.50	14.50	14.50	-	-	131	-	-	131	186
C-494	G15G381028	7/11/16	135.00	135.00	135.00	14.50	14.50	14.50	-	-	1,958	-	-	1,958	2124
C-495	G15G381023	7/11/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2271
C-496	G15G381024	7/11/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-497	G15G381027	7/11/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-498	G15G381022	7/11/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2310
C-499	G15G383181	7/11/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-500	G15G381067	7/11/16	112.00	112.00	112.00	14.50	14.50	14.50	-	-	1,624	-	-	1,624	1736
C-501	G15G381067	7/11/16	35.00	35.00	35.00	14.50	14.50	14.50	-	-	508	-	-	508	543
C-502	G15G381036	7/11/16	60.00	60.00	60.00	14.50	14.50	14.50	-	-	870	-	-	870	977
C-503	G15G381036	7/11/16	85.00	85.00	85.00	14.50	14.50	14.50	-	-	1,233	-	-	1,233	1349
C-504	G15G382113	7/11/16	10.00	10.00	10.00	14.50	14.50	14.50	-	-	145	-	-	145	186
C-505	G15G382113	7/11/16	100.00	100.00	100.00	14.50	14.50	14.50	-	-	1,450	-	-	1,450	1597
C-506	G15G382113	7/11/16	31.00	31.00	31.00	14.50	14.50	14.50	-	-	450	-	-	450	481
C-507	G15G381066	7/11/16	65.00	65.00	65.00	14.50	14.50	14.50	-	-	943	-	-	943	1039
C-508	G15G381066	7/11/16	73.00	73.00	73.00	14.50	14.50	14.50	-	-	1,059	-	-	1,059	1178

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**580,269**	**1,850**	**6,476**	**588,595**	**634,444**
										Totals to Date	**866,698**	**2,032**	**6,476**	**875,024**	**946,910**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-509	G15G381080	7/11/16	22.00	22.00	22.00	14.50	14.50	14.50	-	-	319	-	-	319	357
C-510	G15G381080	7/12/16	117.00	117.00	117.00	14.50	14.50	14.50	-	-	1,697	-	-	1,697	1845
C-511	G15G381071	7/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-512	G15G381021	7/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-513	G15G381049	7/12/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-514	G15G381025	7/12/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-515	G15G382114	7/12/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-516	G15G381003	7/12/16	121.00	121.00	121.00	14.50	14.50	14.50	-	-	1,755	-	-	1,755	1922
C-517	G15G381003	7/12/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	-	-	363	434
C-518	G15G381030	7/12/16	83.00	83.00	83.00	14.50	14.50	14.50	-	-	1,204	-	-	1,204	1318
C-519	G15G381030	7/12/16	62.00	62.00	62.00	14.50	14.50	14.50	-	-	899	-	-	899	1008
C-520	G15G381005	7/12/16	33.00	33.00	33.00	14.50	14.50	14.50	-	-	479	-	-	479	543
C-521	G15G381005	7/12/16	83.00	83.00	83.00	14.50	14.50	14.50	-	-	1,204	-	-	1,204	1318
C-522	G15G381005	7/12/16	26.00	26.00	26.00	14.50	14.50	14.50	-	-	377	-	-	377	450
C-523	G15G381076	7/12/16	64.00	64.00	64.00	14.50	14.50	14.50	-	-	928	-	-	928	1039
C-524	G15G381076	7/12/16	80.00	80.00	80.00	14.50	14.50	14.50	-	-	1,160	-	-	1,160	1271
C-525	G15G383188	7/12/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-526	G15G383188	7/13/16	130.00	130.00	130.00	14.50	14.50	14.50	-	-	1,885	-	-	1,885	2046
C-527	G14044055	7/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-528	G14G111021	7/13/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-529	G15G383184	7/13/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-530	G14G294160	7/13/16	112.00	112.00	112.00	14.50	14.50	14.50	-	-	1,624	-	-	1,624	1783
C-531	G15G241063	7/13/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-532	G15G383168	7/13/16	116.00	116.00	116.00	14.50	14.50	14.50	-	-	1,682	-	-	1,682	1829
C-533	G15G383168	7/13/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	512
C-534	G15G383175	7/13/16	72.00	72.00	72.00	14.50	14.50	14.50	-	-	1,044	-	-	1,044	1147
C-535	G15G383175	7/13/16	72.00	72.00	72.00	14.50	14.50	14.50	-	-	1,044	-	-	1,044	1163

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	580,269	1,850	6,476	588,595	634,444
										Totals to Date	866,698	2,032	6,476	875,024	946,910
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-536	G14G052014	7/13/16	79.00	79.00	79.00	14.50	14.50	14.50	-	-	1,146	-	-	1,146	1256
C-537	G14G052014	7/13/16	68.00	68.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1085
C-538	G14G084076	7/13/16	66.00	66.00	66.00	14.50	14.50	14.50	-	-	957	-	-	957	1054
C-539	G14G084076	7/13/16	69.00	69.00	69.00	14.50	14.50	14.50	-	-	1,001	-	-	1,001	1101
C-540	G15G384273	7/13/16	115.00	115.00	115.00	14.50	14.50	14.50	-	-	1,668	-	-	1,668	1814
C-541	G15G384273	7/13/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	496
C-542	G115G383186	7/13/16	119.00	119.00	119.00	14.50	14.50	14.50	-	-	1,726	-	-	1,726	1876
C-543	G15G384272	7/14/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-544	G15G382100	7/14/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-545	G15G382103	7/14/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-546	G15G383182	7/14/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356
C-547	G15G381029	7/14/16	141.00	141.00	141.00	14.50	14.50	14.50	-	-	2,045	-	-	2,045	2217
C-548	G15G383173	7/14/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	-	-	2,103	2279
C-549	G15G382110	7/14/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2341
C-550	G15G382107	7/14/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-551	G15G382087	7/14/16	150.00	150.00	150.00	14.50	14.50	14.50	-	-	2,175	-	-	2,175	2356
C-552	G15G382098	7/14/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-553	G15G383172	7/14/16	115.00	115.00	115.00	14.50	14.50	14.50	-	-	1,668	-	-	1,668	1814
C-554	G15G383172	7/14/16	34.00	34.00	34.00	14.50	14.50	14.50	-	-	493	-	-	493	558
C-555	G15G382109	7/14/16	60.00	60.00	60.00	14.50	14.50	14.50	-	-	870	-	-	870	961
C-556	G15E382112	7/15/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-557	G15G382101	7/15/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-558	G15G382101	7/15/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-559	G15G382109	7/15/16	62.00	62.00	62.00	14.50	14.50	14.50	-	-	899	-	-	899	992
C-560	G15G382109	7/15/16	17.00	17.00	17.00	14.50	14.50	14.50	-	-	247	-	-	247	295

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	580,269	1,850	6,476	588,595	634,444
										Totals to Date	866,698	2,032	6,476	875,024	946,910
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-561	G15G382111	7/15/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-562	G15G382093	7/15/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2310
C-563	G15G382090	7/15/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-564	G15G383165	7/15/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-565	G15G381078	7/15/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-566	G15G381044	7/15/16	33.00	33.00	33.00	14.50	14.50	14.50	-	-	479	-	-	479	543
C-567	G15G381044	7/15/16	62.00	62.00	62.00	14.50	14.50	14.50	-	-	899	-	-	899	992
C-568	G15G381044	7/15/16	47.00	47.00	47.00	14.50	14.50	14.50	-	-	682	-	-	682	760
C-569	G15G383183	7/15/16	27.00	27.00	27.00	14.50	14.50	14.50	-	-	392	-	-	392	450
C-570	G15G383183	7/15/16	70.00	70.00	70.00	14.50	14.50	14.50	-	-	1,015	-	-	1,015	1116
C-571	G15G383183	7/15/16	40.00	40.00	40.00	14.50	14.50	14.50	-	-	580	-	-	580	651
C-572	G15G382099	7/15/16	18.00	18.00	18.00	14.50	14.50	14.50	-	-	261	-	-	261	310
C-573	G15G382099	7/15/16	54.00	54.00	54.00	14.50	14.50	14.50	-	-	783	-	-	783	868
C-574	G15G382099	7/15/16	45.00	45.00	45.00	14.50	14.50	14.50	-	-	653	-	-	653	729
C-575	G15G382099	7/15/16	23.00	23.00	23.00	14.50	14.50	14.50	-	-	334	-	-	334	388
C-576	G15G381075	7/15/16	17.00	17.00	17.00	14.50	14.50	14.50	-	-	247	-	-	247	295
C-577	G15G381075	7/20/16	121.00	121.00	121.00	14.50	14.50	14.50	-	-	1,755	15	-	1,755	1969
C-578	G15G382089	7/20/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	15	-	2,074	2310
C-579	G15G381074	7/20/16	143.00	143.00	143.00	14.50	-	7.25	-	-	1,037	15	-	1,037	1155
C-580	G15G382088	7/20/16	143.00	143.00	143.00	14.50	14.50	14.50	-	-	2,074	15	-	2,074	2310
C-581	G15G382102	7/20/16	129.00	129.00	129.00	14.50	14.50	14.50	-	-	1,871	-	-	1,871	2031
C-582	G15G382102	7/20/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-583	G15G381045	7/20/16	87.00	87.00	87.00	14.50	14.50	14.50	-	-	1,262	-	-	1,262	1380
C-584	G15G381045	7/20/16	58.00	58.00	58.00	14.50	14.50	14.50	-	-	841	-	-	841	930
C-585	G15G381047	7/20/16	46.00	46.00	46.00	14.50	14.50	14.50	-	-	667	-	-	667	744
C-586	G15G381047	7/20/16	96.00	96.00	96.00	14.50	14.50	14.50	-	-	1,392	-	-	1,392	1519

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	580,269	1,850	6,476	588,595	634,444
										Totals to Date	866,698	2,032	6,476	875,024	946,910
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-587	G15G381037	7/20/16	7.00	7.00	7.00	14.50	14.50	14.50	-	-	102	-	-	102	140
C-588	G15G381037	7/20/16	113.00	113.00	113.00	14.50	14.50	14.50	-	-	1,639	15	-	1,639	1814
C-589	G15G381079	7/20/16	156.00	156.00	156.00	14.50	14.50	14.50	-	-	2,262	15	-	2,262	2449
C-590	G15G382086	7/20/16	113.00	113.00	113.00	14.50	14.50	14.50	-	-	1,639	-	-	1,639	1783
C-591	G15G381040	7/20/16	114.00	114.00	114.00	14.50	14.50	14.50	-	-	1,653	-	-	1,653	1798
C-592	G15G381053	7/22/16	149.00	149.00	149.00	14.50	14.50	14.50	-	-	2,161	-	-	2,161	2341
C-593	G15G381054	7/22/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-594	G15G381050	7/22/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2325
C-595	G15G381050	7/22/16	27.00	27.00	27.00	14.50	14.50	14.50	-	-	392	-	-	392	465
C-596	G15G381038	7/22/16	148.00	148.00	148.00	14.50	14.50	14.50	-	-	2,146	-	-	2,146	2325
C-597	G15G381055	7/22/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-598	G15G381064	7/22/16	147.00	147.00	147.00	14.50	14.50	14.50	-	-	2,132	-	-	2,132	2310
C-599	G15G381042	7/22/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	-	-	2,117	2294
C-600	G15G381043	7/22/16	22.00	29.00	25.50	14.50	14.50	14.50	-	-	370	-	-	370	426
C-601	G15G381043	7/22/16	29.00	17.00	23.00	14.50	14.50	14.50	-	-	334	-	-	334	388
C-602	G15G381043	7/22/16	19.00	11.00	15.00	14.50	14.50	14.50	-	-	218	-	-	218	264
C-603	G15G381043	7/22/16	11.00	2.00	6.50	14.50	14.50	14.50	-	-	94	-	-	94	132
C-604	G15G381041	7/23/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	-	-	2,016	2186
C-605	G15G381041	7/23/16	68.00	68.00	68.00	14.50	14.50	14.50	-	-	986	-	-	986	1085
C-606	G15G381033	7/23/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	977
C-607	G15G381033	7/23/16	83.00	83.00	83.00	14.50	14.50	14.50	-	-	1,204	-	-	1,204	1318
C-608	G15G383163	7/23/16	81.00	81.00	81.00	14.50	14.50	14.50	-	-	1,175	-	-	1,175	1302
C-609	G15G383163	7/23/16	58.00	58.00	58.00	14.50	14.50	14.50	-	-	841	-	-	841	946
C-610	G15G381039	7/23/16	24.00	24.00	24.00	14.50	14.50	14.50	-	-	348	-	-	348	403
C-611	G15G381039	7/23/16	-	-	-	-	-	-	48.00	4.00	96	-	-	96	113

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**580,269**	**1,850**	**6,476**	**588,595**	**634,444**
										Totals to Date	**866,698**	**2,032**	**6,476**	**875,024**	**946,910**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-612	G15G381039	7/23/16	87.00	87.00	87.00	14.50	14.50	14.50	-	-	1,262	37	-	1,262	1380
C-613	G15G383158	7/23/16	55.00	55.00	55.00	14.50	14.50	14.50	-	-	798	-	-	798	884
C-614	G15G383158	7/23/16	48.00	48.00	48.00	14.50	14.50	14.50	-	-	696	15	-	696	806
C-615	G15G381058	7/23/16	42.00	42.00	42.00	14.50	14.50	14.50	-	-	609	15	-	609	713
C-616	G15G381058	7/23/16	64.00	64.00	64.00	14.50	14.50	14.50	-	-	928	15	-	928	1062
C-617	G15G382154	7/23/16	41.00	41.00	41.00	14.50	14.50	14.50	-	-	595	15	-	595	698
C-618	G15G382154	7/23/16	-	-	-	-	-	-	31.00	7.00	109	-	-	109	140
C-619	G15G382154	7/23/16	76.00	76.00	76.00	14.50	14.50	14.50	-	-	1,102	-	-	1,102	1240

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				866,698	2,032	6,476	875,206	946,910
							Totals to Date				942,897	2,524	8,198	953,127	1,032,004
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-620	G15G381063	7/23/16	121.00	73.00	97.00	14.50	14.50	14.50	-	-	1,407	-	-	1,407	1542
C-621	G15G383164	7/25/16	91.00	136.00	113.50	14.50	14.50	14.50	-	-	1,646	15	51	1,697	1821
C-622	G15383164	7/25/16	31.00	54.00	42.50	14.50	14.50	14.50	-	-	616	-	-	616	690
C-623	G15G382155	7/25/16	104.00	141.00	122.50	14.50	14.50	14.50	-	-	1,776	15	51	1,827	1961
C-624	G15G382155	7/25/16	14.00	34.00	24.00	14.50	14.50	14.50	-	-	348	-	-	348	403
C-625	G15G381035	7/25/16	145.00	145.00	145.00	14.50	14.50	14.50	-	-	2,103	15	51	2,153	2325
C-626	G15G383166	7/25/16	140.00	140.00	140.00	11.00	11.00	11.00	-	-	1,540	11	39	1,579	1704
C-627	G15G383164	7/25/16	-	-	-	-	-	-	38.00	13.00	247	-	-	247	310
C-628	G15G381046	7/25/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	15	51	2,066	2217
C-629	G15G382156	7/25/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	15	51	2,066	2217
C-630	G15G383189	7/25/16	138.00	138.00	138.00	14.50	14.50	14.50	-	-	2,001	-	-	2,001	2170
C-631	G15G383170	7/25/16	140.00	140.00	140.00	14.50	14.50	14.50	-	-	2,030	-	-	2,030	2217
C-632	G15G382157	7/25/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2294
C-633	G15G381032	7/25/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	-	-	435	496
C-634	G15G381032	7/25/16	69.00	69.00	69.00	14.50	14.50	14.50	-	-	1,001	-	-	1,001	1101
C-635	G15G381032	7/25/16	38.00	38.00	38.00	14.50	14.50	14.50	-	-	551	-	-	551	620
C-636	G15G381031	7/25/16	46.00	46.00	46.00	14.50	14.50	14.50	-	-	667	-	-	667	713
C-637	G15G381031	7/25/16	79.00	90.00	84.50	14.50	14.50	14.50	-	-	1,225	-	-	1,225	1341
C-638	G15G381031	7/25/16	12.00	12.00	12.00	14.50	14.50	14.50	-	-	174	-	-	174	217
C-639	G15G381034	7/25/16	73.00	73.00	73.00	14.50	14.50	14.50	-	-	1,059	-	-	1,059	1163
C-640	G15G381034	7/26/16	79.00	79.00	79.00	14.50	14.50	14.50	-	-	1,146	-	-	1,146	1263
C-641	G15G382150	7/26/16	133.00	133.00	133.00	14.50	14.50	14.50	-	-	1,929	15	51	1,979	2155
C-642	G15G383167	7/26/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	15	51	2,066	2263
C-643	G15G382149	7/26/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	15	51	2,066	2248
C-644	G15G383162	7/26/16	137.00	137.00	137.00	14.50	14.50	14.50	-	-	1,987	15	51	2,037	2217
C-645	G15G382152	7/26/16	137.00	137.00	137.00	14.00	14.00	14.00	-	-	1,918	14	49	1,967	2217

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**866,698**	**2,032**	**6,476**	**875,206**	**946,910**
										Totals to Date	**942,897**	**2,524**	**8,198**	**953,127**	**1,032,004**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
C-646	G15G383171	7/26/16	139.00	139.00	139.00	14.50	14.50	14.50	-	-	2,016	15	51	2,066	2248
C-647	G15G381060	7/26/16	137.00	137.00	137.00	14.50	14.50	14.50	-	-	1,987	15	51	2,037	2232
C-648	G15G381083	7/26/16	67.00	67.00	67.00	14.50	14.50	14.50	-	-	972	-	-	972	1070
C-649	G15G381083	7/26/16	61.00	61.00	61.00	14.50	14.50	14.50	-	-	885	-	-	885	977
C-650	G15G381083	7/26/16	14.00	14.00	14.00	14.50	14.50	14.50	-	-	203	-	-	203	248
C-651	G15G382154	7/26/16	13.00	14.00	13.50	14.50	14.50	14.50	-	-	196	-	-	196	233
C-652	G15G381058	7/26/16	19.00	19.00	19.00	14.50	14.50	14.50	-	-	276	-	-	276	326
C-653	G15G381068	7/26/16	90.00	90.00	90.00	14.50	14.50	14.50	-	-	1,305	-	-	1,305	1426
C-654	G15G381068	7/26/16	53.00	53.00	53.00	14.50	14.50	14.50	-	-	769	-	-	769	853
C-655	G15G381072	7/26/16	34.00	34.00	34.00	14.50	14.50	14.50	-	-	493	-	-	493	558
C-656	G15G381072	7/26/16	72.00	72.00	72.00	14.50	14.50	14.50	-	-	1,044	-	-	1,044	1147
C-657	G15G381072	7/26/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	-	-	522	589
C-658	G15G376339	7/26/16	141.00	141.00	141.00	14.50	14.50	14.50	-	-	2,045	15	51	2,095	2279
C-659	G15G381077	7/26/16	34.00	34.00	34.00	14.50	14.50	14.50	-	-	493	-	-	493	558
C-660	G15G381077	7/26/16	66.00	66.00	66.00	14.50	14.50	14.50	-	-	957	-	-	957	1054
C-661	G15G381077	7/26/16	5.00	5.00	5.00	14.50	14.50	14.50	-	-	73	-	-	73	93
C-662	G15G381081	7/27/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2325
C-663	G15G381081	7/27/16	38.00	38.00	38.00	14.50	14.50	14.50	-	-	551	-	-	551	620
C-664	G15G381073	7/27/16	142.00	142.00	142.00	14.50	14.50	14.50	-	-	2,059	15	51	2,110	2294
C-665	G15G382108	7/27/16	146.00	146.00	146.00	14.50	14.50	14.50	-	-	2,117	15	51	2,168	2325
C-666	G15G381070	7/27/16	118.00	118.00	118.00	14.50	14.50	14.50	-	-	1,711	15	51	1,762	1907
C-667	G15G381069	7/27/16	106.00	106.00	106.00	14.50	14.50	14.50	-	-	1,537	15	51	1,588	1705
C-668	G15G381069	7/27/16	26.00	26.00	26.00	14.50	14.50	14.50	-	-	377	-	-	377	434
C-669	G15G382102	7/27/16	90.00	90.00	90.00	14.50	14.50	14.50	-	-	1,305	15	51	1,356	1457
C-670	G15G381070	7/27/16	16.00	16.00	16.00	14.50	14.50	14.50	-	-	232	-	-	232	279
C-671	G15G382102	7/27/16	45.00	45.00	45.00	14.50	14.50	14.50	-	-	653	-	-	653	729
C-672	G15G381048	7/27/16	74.00	74.00	74.00	14.50	14.50	14.50	-	-	1,073	15	51	1,124	1209

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GCL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	866,698	2,032	6,476	875,206	946,910
										Totals to Date	942,897	2,524	8,198	953,127	1,032,004
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
C-673	G15G381048	7/27/16	57.00	57.00	57.00	14.50	14.50	14.50	-	-	827	-	-	827	915
C-674	G15G381062	7/27/16	108.00	108.00	108.00	14.50	14.50	14.50	-	-	1,566	15	51	1,617	1736
C-675	G15G381062	7/27/16	34.00	34.00	34.00	14.50	14.50	14.50	-	-	493	-	-	493	558
C-676	G15G382085	7/27/16	96.00	96.00	96.00	14.50	14.50	14.50	-	-	1,392	15	51	1,443	1550
C-677	G15G382085	7/27/16	46.00	46.00	46.00	14.50	14.50	14.50	-	-	667	-	-	667	744
C-678	G15G375239	7/27/16	102.00	102.00	102.00	14.50	14.50	14.50	-	-	1,479	15	51	1,530	1643
C-679	G15G375239	7/27/16	36.00	36.00	36.00	14.50	14.50	14.50	-	-	522	-	-	522	589
C-680	G15G382104	7/27/16	40.00	40.00	40.00	14.50	14.50	14.50	-	-	580	15	51	631	682
C-681	G15G382104	7/27/16	77.00	77.00	77.00	14.50	14.50	14.50	-	-	1,117	15	51	1,167	1225
C-682	G15G382104	7/27/16	20.00	20.00	20.00	14.50	14.50	14.50	-	-	290	-	-	290	341
C-683	G15G375243	7/27/16	46.00	46.00	46.00	14.50	14.50	14.50	-	-	667	15	51	718	744
C-684	G15G375243	7/27/16	44.00	44.00	44.00	14.50	14.50	14.50	-	-	638	15	51	689	760
C-685	G15G375243	7/27/16	44.00	44.00	44.00	14.50	14.50	14.50	-	-	638	15	51	689	744
C-686	G15G375244	7/27/16	25.00	25.00	25.00	14.50	14.50	14.50	-	-	363	15	51	413	419
C-687	G15G375244	7/27/16	30.00	30.00	30.00	14.50	14.50	14.50	-	-	435	15	51	486	527
C-688	G15G375244	7/27/16	18.00	18.00	18.00	14.50	14.50	14.50	-	-	261	22	77	338	326
C-689	G15G375244	7/27/16	18.00	18.00	18.00	10.00	10.00	10.00	-	-	180	10	35	215	295
C-690	G15G365244	7/27/16	14.00	14.00	14.00	10.00	10.00	10.00	-	-	140	-	-	140	248

Daily Panel Placement **Page** 1

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/04/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-1	Roll # G15G375216		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 147 145 145 147 / 14.5 / 15.5

Notes:

Panel # C-2	Roll # G15G381019		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 147 145 145 147 / 14.5 / 15.5

Notes:

Panel # C-3	Roll # G15G374195		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-4	Roll # G15G375225		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-5	Roll # G15G381001		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-6	Roll # G15G381020		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-7	Roll # G15G375244		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-8	Roll # G15G374178		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	72.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**254**	**SF**
Total Panel SF This Page	**16,994**	**SF**
Total Pay Area This Page	**17,248**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	73	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	254	SF
Total Panel SF Previous	-	SF
Total Panel SF To Date	16,994	SF
Total Pay Area To Date Including Anchor Trench	**17,248**	
Initial Quantity Previous	-	SF
Initial Quantity This Page	18,414	SF
Initial Quantity To Date	18,414	SF

Daily Panel Placement **Page** 2

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/04/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-9	G15G374193	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132	
C-10	G15G375212	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:

15.5 / 14.5 / 149 / 147 / 147 / 149 / 14.5 / 15.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,263**	**SF**
Total Pay Area This Page	**4,263**	**SF**
LF In Trench Previous	73	LF
LF In Trench To Date	73	LF
SF In Trench Previous	254	SF
Total SF in Trench to Date	254	SF
Total Panel SF Previous	16,994	SF
Total Panel SF To Date	21,257	SF
Total Pay Area To Date Including Anchor Trench	**21,511**	
Initial Quantity Previous	18,414	SF
Initial Quantity This Page	4,619	SF
Initial Quantity To Date	23,033	SF

Daily Panel Placement **Page** 3

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/05/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-11	Roll # G15G374198		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

Notes:

Panel # C-12	Roll # G15G375208		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103	14.5	

Notes:

Panel # C-13	Roll # G15G375243		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

Notes:

Panel # C-14	Roll # G15G375229		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

Notes:

Panel # C-15	Roll # G15G375259		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Notes:

Panel # C-16	Roll # G15G375234		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Notes:

Panel # C-17	Roll # G15G375206		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Notes:

Panel # C-18	Roll # G15G382123		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**17,081**	**SF**
Total Pay Area This Page	**17,284**	**SF**
LF In Trench Previous	73	LF
LF In Trench To Date	131	LF
SF In Trench Previous	254	SF
Total SF in Trench to Date	457	SF
Total Panel SF Previous	21,257	SF
Total Panel SF To Date	38,338	SF
Total Pay Area To Date Including Anchor Trench	**38,795**	
Initial Quantity Previous	23,033	SF
Initial Quantity This Page	18,507	SF
Initial Quantity To Date	41,540	SF

Daily Panel Placement **Page** 4

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/06/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-19	Roll # G15G383195
Final Length Avg.	151.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	153.00 LF
Initial Width Avg.	15.50 LF

15.5 / 14.5 / 153 / 151 / 151 / 153 / 14.5 / 15.5

Notes:

Initial SF	2,372	Lineal Feet Trench
Final SF	2,190	14.5

Panel # C-20	Roll # G15G381018
Final Length Avg.	150.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	153.00 LF
Initial Width Avg.	15.50 LF

15.5 / 14.5 / 153 / 150 / 150 / 153 / 14.5 / 15.5

Notes:

Initial SF	2,372	Lineal Feet Trench
Final SF	2,175	14.5

Panel # C-21	Roll # G15G384271
Final Length Avg.	151.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	153.00 LF
Initial Width Avg.	15.50 LF

15.5 / 14.5 / 153 / 151 / 151 / 153 / 14.5 / 15.5

Notes:

Initial SF	2,372	Lineal Feet Trench
Final SF	2,190	14.5

Panel # C-22	Roll # G15G375224
Final Length Avg.	29.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	31.00 LF
Initial Width Avg.	15.50 LF

15.5 / 14.5 / 36 / 34 / 24 / 26 / 14.5 / 15.5

Notes:

Initial SF	481	Lineal Feet Trench
Final SF	421	

Panel # C-23	Roll # G15G375224
Final Length Avg.	18.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	20.00 LF
Initial Width Avg.	15.50 LF

15.5 / 14.5 / 26 / 24 / 12 / 14 / 14.5 / 15.5

Notes:

Initial SF	310	Lineal Feet Trench
Final SF	261	

Panel # C-24	Roll # G15G375224
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

12 / 14 / 14.5 / 15.5

Notes:

Initial SF	109	Lineal Feet Trench
Final SF	87	

Panel # C-25	Roll # G15G383197
Final Length Avg.	31.00 LF
Final Width Avg.	9.50 LF
Initial Length Avg.	35.00 LF
Initial Width Avg.	15.50 LF

15.5 / 9.5 / 35 / 31 / 31 / 35 / 9.5 / 15.5

Notes:
OFFSET PANEL

Initial SF	543	Lineal Feet Trench
Final SF	295	9.5

Panel # C-26	Roll # G15G375224
Final Length Avg.	61.50 LF
Final Width Avg.	9.50 LF
Initial Length Avg.	63.50 LF
Initial Width Avg.	15.50 LF

15.5 / 9.5 / 63.5 / 61.5 / 61.5 / 63.5 / 9.5 / 15.5

Notes:
OFFSET PANEL

Initial SF	984	Lineal Feet Trench
Final SF	584	

Material in Anchor Trench		
Total LF In Trench This Page	53.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**186**	**SF**
Total Panel SF This Page	**8,201**	**SF**
Total Pay Area This Page	**8,387**	**SF**
LF In Trench Previous	131	LF
LF In Trench To Date	184	LF
SF In Trench Previous	457	SF
Total SF in Trench to Date	642	SF
Total Panel SF Previous	38,338	SF
Total Panel SF To Date	46,539	SF
Total Pay Area To Date Including Anchor Trench	**47,182**	
Initial Quantity Previous	41,540	SF
Initial Quantity This Page	9,540	SF
Initial Quantity To Date	51,080	SF

Daily Panel Placement **Page** 5

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/06/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-27	G15G383197	49.50 LF	9.50 LF	51.50 LF	15.50 LF	798	470	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: 15.5 / 9.5 / 58 56 43 45 / 9.5 / 15.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**470**	**SF**
Total Pay Area This Page	**470**	**SF**
LF In Trench Previous	184	LF
LF In Trench To Date	184	LF
SF In Trench Previous	642	SF
Total SF in Trench to Date	642	SF
Total Panel SF Previous	46,539	SF
Total Panel SF To Date	47,010	SF
Total Pay Area To Date Including Anchor Trench	**47,652**	
Initial Quantity Previous	51,080	SF
Initial Quantity This Page	798	SF
Initial Quantity To Date	51,879	SF

Daily Panel Placement **Page** 6

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/09/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-28	Roll # G15G382125		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-29	Roll # G15G383204		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,263	Lineal Feet Trench	
Final SF	2,088	14.5	

15.5 / 14.5 / 146 144 144 146 / 14.5 / 15.5

Notes:

Panel # C-30	Roll # G15G383209		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161	14.5	

15.5 / 14.5 / 151 149 149 151 / 14.5 / 15.5

Notes:

Panel # C-31	Roll # G15G382126		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-32	Roll # G15G382119		
Final Length Avg.	140.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	143.25	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,220	Lineal Feet Trench	
Final SF	2,037	14.5	

15.5 / 14.5 / 149 147 134 137.5 / 14.5 / 15.5

Notes:

Panel # C-33	Roll # G15G383224		
Final Length Avg.	128.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	131.25	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,034	Lineal Feet Trench	
Final SF	1,863	14.5	

15.5 / 14.5 / 137.5 134 123 125 / 14.5 / 15.5

Notes:

Panel # C-34	Roll # G15G384274		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	760	Lineal Feet Trench	
Final SF	682		

15.5 / 14.5 / 54 52 42 44 / 14.5 / 15.5

Notes:

Panel # C-35	Roll # G15G384274		
Final Length Avg.	38.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	40.50	LF	
Initial Width Avg.	15.50	LF	
Initial SF	628	Lineal Feet Trench	
Final SF	558		

15.5 / 14.5 / 47 45 32 34 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**13,652**	**SF**
Total Pay Area This Page	**13,956**	**SF**
LF In Trench Previous	184	LF
LF In Trench To Date	271	LF
SF In Trench Previous	642	SF
Total SF in Trench to Date	947	SF
Total Panel SF Previous	47,010	SF
Total Panel SF To Date	60,661	SF
Total Pay Area To Date Including Anchor Trench	**61,608**	
Initial Quantity Previous	51,879	SF
Initial Quantity This Page	14,865	SF
Initial Quantity To Date	66,743	SF

Daily Panel Placement **Page** 7

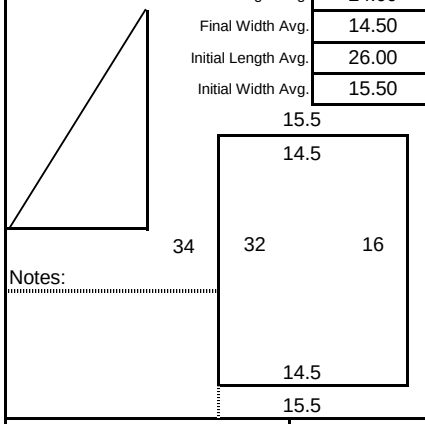
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/09/16

Superintendent: Ali Malimar **Material Type:** GCL

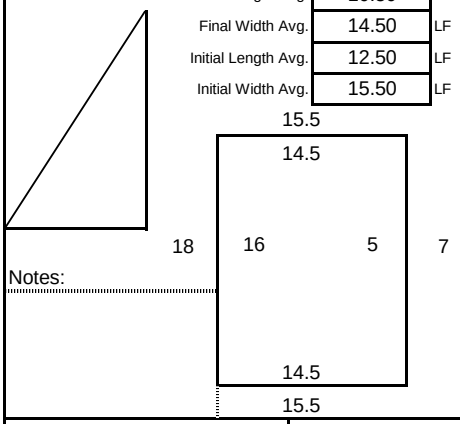
☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-36	G15G384274	24.00 LF	14.50 LF	26.00 LF	15.50 LF	403	348	
C-37	G15G383224	10.50 LF	14.50 LF	12.50 LF	15.50 LF	194	152	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	



Notes:



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Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**500**	**SF**
Total Pay Area This Page	**500**	**SF**
LF In Trench Previous	271	LF
LF In Trench To Date	271	LF
SF In Trench Previous	947	SF
Total SF in Trench to Date	947	SF
Total Panel SF Previous	60,661	SF
Total Panel SF To Date	61,162	SF
Total Pay Area To Date Including Anchor Trench	**62,108**	
Initial Quantity Previous	66,743	SF
Initial Quantity This Page	597	SF
Initial Quantity To Date	67,340	SF

Daily Panel Placement

Page 8

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/10/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] Primary [ ] Secondary [ ] Cell [ ] Pond [X] Cap [ ] Other:

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-38 — Roll # G15G383196

Final Length Avg.	116.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	118.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 125 / 123 / 109 / 111 / 14.5 / 15.5

Notes:

Initial SF	1,829	Lineal Feet Trench	
Final SF	1,682		14.5

Panel # C-39 — Roll # G15G382121

Final Length Avg.	102.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	104.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 111 / 109 / 96 / 98 / 14.5 / 15.5

Notes:

Initial SF	1,620	Lineal Feet Trench	
Final SF	1,486		14.5

Panel # C-40 — Roll # G15G383194

Final Length Avg.	91.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	93.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 98 / 96 / 87 / 89 / 14.5 / 15.5

Notes:

Initial SF	1,449	Lineal Feet Trench	
Final SF	1,327		14.5

Panel # C-41 — Roll # G15G381073

Final Length Avg.	79.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	81.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 89 / 87 / 71 / 73 / 14.5 / 15.5

Notes:

Initial SF	1,256	Lineal Feet Trench	
Final SF	1,146		14.5

Panel # C-42 — Roll # G15G381073

Final Length Avg.	64.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	66.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 73 / 71 / 58 / 60 / 14.5 / 15.5

Notes:

Initial SF	1,031	Lineal Feet Trench	
Final SF	935		14.5

Panel # C-43 — Roll # G15G382124

Final Length Avg.	51.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	53.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 60 / 58 / 44 / 46 / 14.5 / 15.5

Notes:

Initial SF	822	Lineal Feet Trench	
Final SF	740		14.5

Panel # C-44 — Roll # G15G382121

Final Length Avg.	40.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	43.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 46 / 44 / 37 / 40 / 14.5 / 15.5

Notes:

Initial SF	667	Lineal Feet Trench	
Final SF	587		14.5

Panel # C-45 — Roll # G15G383194

Final Length Avg.	32.50	LF
Final Width Avg.	10.50	LF
Initial Length Avg.	35.00	LF
Initial Width Avg.	15.50	LF

15.5 / 10.5 / 40 / 37 / 28 / 30 / 10.5 / 15.5

Notes:

Initial SF	543	Lineal Feet Trench	
Final SF	341		38.5

Material in Anchor Trench

Total LF In Trench This Page	140.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**490**	**SF**
Total Panel SF This Page	**8,244**	**SF**
Total Pay Area This Page	**8,734**	**SF**
LF In Trench Previous	271	LF
LF In Trench To Date	411	LF
SF In Trench Previous	947	SF
Total SF in Trench to Date	1,437	SF
Total Panel SF Previous	61,162	SF
Total Panel SF To Date	69,405	SF
Total Pay Area To Date Including Anchor Trench	**70,842**	
Initial Quantity Previous	67,340	SF
Initial Quantity This Page	9,215	SF
Initial Quantity To Date	76,555	SF

Daily Panel Placement **Page** 9

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/10/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-46	G15G382124	49.50 LF	14.50 LF	51.00 LF	15.50 LF	791	718	14.5
C-47	G15G375242	35.00 LF	14.50 LF	36.50 LF	15.50 LF	566	508	14.5
C-48	G15G382124	LF	LF	LF	LF	232	182	13
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**1,407**	**SF**
Total Pay Area This Page	**1,554**	**SF**
LF In Trench Previous	411	LF
LF In Trench To Date	453	LF
SF In Trench Previous	1,437	SF
Total SF in Trench to Date	1,584	SF
Total Panel SF Previous	69,405	SF
Total Panel SF To Date	70,813	SF
Total Pay Area To Date Including Anchor Trench	**72,396**	
Initial Quantity Previous	76,555	SF
Initial Quantity This Page	1,588	SF
Initial Quantity To Date	78,143	SF

Daily Panel Placement **Page** 10

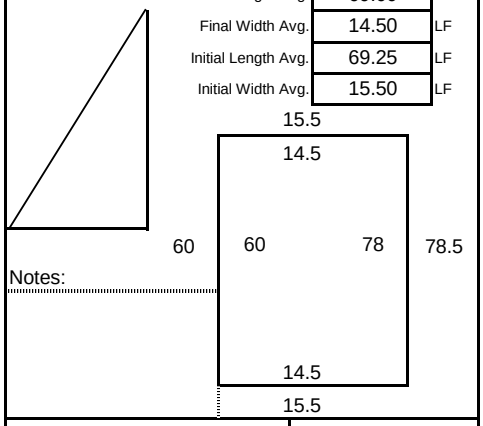
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

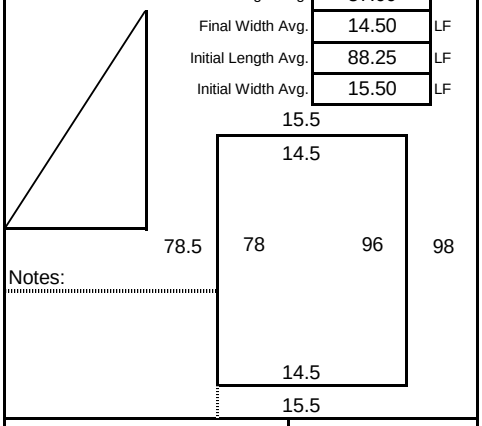
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-49	Roll # G15G375242		
Final Length Avg.	69.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	69.25	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,073	Lineal Feet Trench	
Final SF	1,001	14.5	



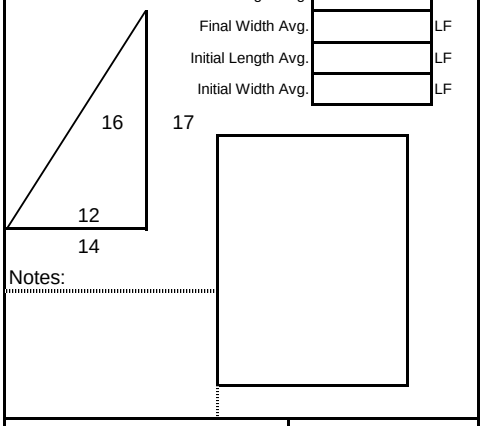
Notes:

Panel # C-50	Roll # G15G381202		
Final Length Avg.	87.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	88.25	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,368	Lineal Feet Trench	
Final SF	1,262	14.5	



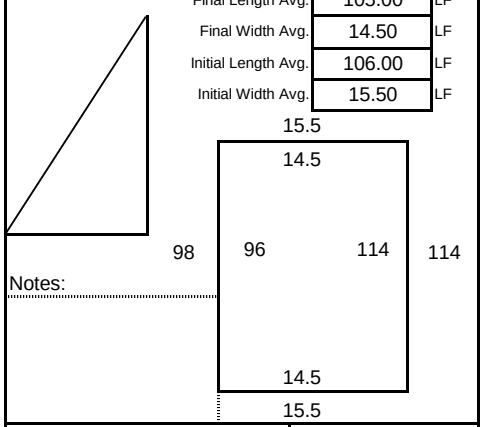
Notes:

Panel # C-51	Roll # G15G375242		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	119	Lineal Feet Trench	
Final SF	96		



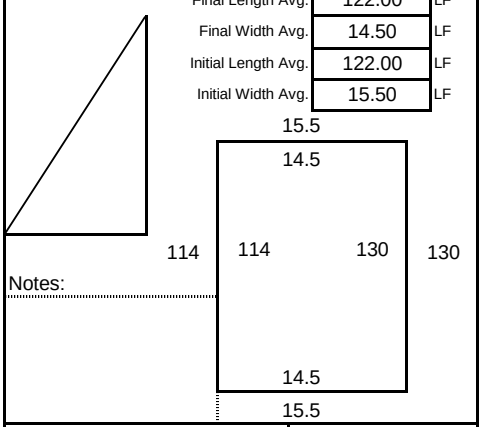
Notes:

Panel # C-52	Roll # G15G374197		
Final Length Avg.	105.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	106.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,643	Lineal Feet Trench	
Final SF	1,523	14.5	



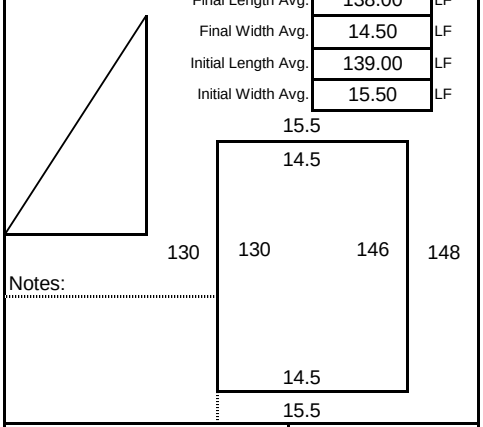
Notes:

Panel # C-53	Roll # G15G381017		
Final Length Avg.	122.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	122.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,891	Lineal Feet Trench	
Final SF	1,769	14.5	



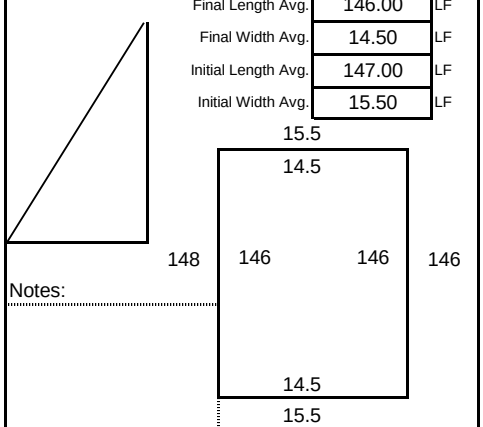
Notes:

Panel # C-54	Roll # G15G382128		
Final Length Avg.	138.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	139.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,155	Lineal Feet Trench	
Final SF	2,001	14.5	



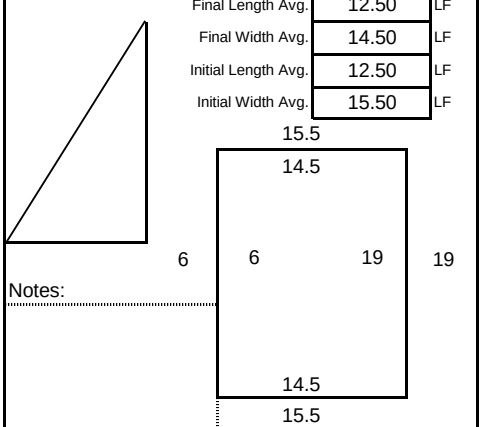
Notes:

Panel # C-55	Roll # G15G383203		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,117	14.5	



Notes:

Panel # C-56	Roll # G15G382128		
Final Length Avg.	12.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	12.50	LF	
Initial Width Avg.	15.50	LF	
Initial SF	194	Lineal Feet Trench	
Final SF	181		



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**9,949**	**SF**
Total Pay Area This Page	**10,253**	**SF**
LF In Trench Previous	453	LF
LF In Trench To Date	540	LF
SF In Trench Previous	1,584	SF
Total SF in Trench to Date	1,888	SF
Total Panel SF Previous	70,813	SF
Total Panel SF To Date	80,761	SF
Total Pay Area To Date Including Anchor Trench	**82,650**	
Initial Quantity Previous	78,143	SF
Initial Quantity This Page	10,721	SF
Initial Quantity To Date	88,864	SF

Daily Panel Placement **Page** 11

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-57	Roll # G15G383192		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
153	151	151	153
14.5			
15.5			
Notes:			
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190	14.5	

Panel # C-58	Roll # G15G381017		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	24.50	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
19	18	30	30
14.5			
15.5			
Notes:			
Initial SF	380	Lineal Feet Trench	
Final SF	348		

Panel # C-59	Roll # G15G382095		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

Panel # C-60	Roll # G15G382097		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
152	150	150	152
14.5			
15.5			
Notes:			
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175	14.5	

Panel # C-61	Roll # G15G382117		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
153	151	151	153
14.5			
15.5			
Notes:			
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190	14.5	

Panel # C-62	Roll # G15G382085		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

Panel # C-63	Roll # G15G383194		
Final Length Avg.	23.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
25	23	23	25
14.5			
15.5			
Notes:			
Initial SF	388	Lineal Feet Trench	
Final SF	334		

Panel # C-64	Roll # G15G375242		
Final Length Avg.	19.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.50	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
28	28	11	11
14.5			
15.5			
Notes:			
Initial SF	302	Lineal Feet Trench	
Final SF	283		

Material in Anchor Trench		
Total LF In Trench This Page	72.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**254**	**SF**
Total Panel SF This Page	**11,810**	**SF**
Total Pay Area This Page	**12,064**	**SF**
LF In Trench Previous	540	LF
LF In Trench To Date	612	LF
SF In Trench Previous	1,888	SF
Total SF in Trench to Date	2,142	SF
Total Panel SF Previous	80,761	SF
Total Panel SF To Date	92,572	SF
Total Pay Area To Date Including Anchor Trench	**94,714**	
Initial Quantity Previous	88,864	SF
Initial Quantity This Page	12,819	SF
Initial Quantity To Date	101,682	SF

Daily Panel Placement **Page** 12

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-65	G15G383196	27.00 LF	14.50 LF	27.00 LF	15.50 LF	419	392	
C-66	G15G374197	29.00 LF	14.50 LF	29.00 LF	15.50 LF	450	421	
C-67	G15G375242	52.00 LF	14.50 LF	52.00 LF	15.50 LF	806	754	
C-68	G15G384274	28.00 LF	14.50 LF	30.00 LF	15.50 LF	465	406	
C-69	G15G383197	28.50 LF	14.50 LF	29.00 LF	15.50 LF	450	413	
						-	-	
						-	-	
						-	-	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,385**	**SF**
Total Pay Area This Page	**2,385**	**SF**
LF In Trench Previous	612	LF
LF In Trench To Date	612	LF
SF In Trench Previous	2,142	SF
Total SF in Trench to Date	2,142	SF
Total Panel SF Previous	92,572	SF
Total Panel SF To Date	94,957	SF
Total Pay Area To Date Including Anchor Trench	**97,099**	
Initial Quantity Previous	101,682	SF
Initial Quantity This Page	2,589	SF
Initial Quantity To Date	104,271	SF

Daily Panel Placement **Page** 13

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/12/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-70	G15G382143	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-71	G15G382118	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-72	G15G383193	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-73	G15G383213	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-74	G15G382116	55.00 LF	14.50 LF	55.00 LF	15.50 LF	853	798	
C-75	G15G382116	52.00 LF	14.50 LF	52.00 LF	15.50 LF	806	754	
C-76	G15G382116	52.00 LF	14.50 LF	52.00 LF	15.50 LF	806	754	
C-77	G15G383230	52.00 LF	14.50 LF	52.00 LF	15.50 LF	806	754	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**11,644**	**SF**
Total Pay Area This Page	**11,847**	**SF**
LF In Trench Previous	612	LF
LF In Trench To Date	670	LF
SF In Trench Previous	2,142	SF
Total SF in Trench to Date	2,345	SF
Total Panel SF Previous	94,957	SF
Total Panel SF To Date	106,600	SF
Total Pay Area To Date Including Anchor Trench	**108,945**	
Initial Quantity Previous	104,271	SF
Initial Quantity This Page	12,571	SF
Initial Quantity To Date	116,841	SF

Daily Panel Placement **Page** 14

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/12/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-78	Roll # G15G382091		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-79	Roll # G15381002		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-80	Roll # G15G382096		
Final Length Avg.	117.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	117.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,814	Lineal Feet Trench	
Final SF	1,697		

15.5 / 14.5 / 117 117 117 117 / 14.5 / 15.5

Notes:

Panel # C-81	Roll # G15G383230		
Final Length Avg.	84.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	86.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,333	Lineal Feet Trench	
Final SF	1,218		

15.5 / 14.5 / 86 84 84 86 / 14.5 / 15.5

Notes:

Panel # C-82	Roll # G15G382096		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	512	Lineal Feet Trench	
Final SF	479		

15.5 / 14.5 / 33 33 33 33 / 14.5 / 15.5

Notes:

Panel # C-83	Roll # G15G382129		
Final Length Avg.	38.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	38.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	589	Lineal Feet Trench	
Final SF	551		

15.5 / 14.5 / 38 38 38 38 / 14.5 / 15.5

Notes:

Panel # C-84	Roll # G15G382129		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	36.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	558	Lineal Feet Trench	
Final SF	406		

15.5 / 14.5 / 36 28 28 36 / 14.5 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	29.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**102**	**SF**
Total Panel SF This Page	**8,613**	**SF**
Total Pay Area This Page	**8,715**	**SF**
LF In Trench Previous	670	LF
LF In Trench To Date	699	LF
SF In Trench Previous	2,345	SF
Total SF in Trench to Date	2,447	SF
Total Panel SF Previous	106,600	SF
Total Panel SF To Date	115,213	SF
Total Pay Area To Date Including Anchor Trench	**117,660**	
Initial Quantity Previous	116,841	SF
Initial Quantity This Page	9,424	SF
Initial Quantity To Date	126,265	SF

Daily Panel Placement **Page** 15

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-85	G15G376315	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-86	G15G382094	142.00 LF	14.50 LF	144.00 LF	15.50 LF	2,232	2,059	14.5
C-87	G15G383190	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-88	G15G376283	150.00 LF	14.50 LF	152.00 LF	15.50 LF	2,356	2,175	14.5
C-89	G15G383211	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-90	G15G383208	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	14.5
C-91	G15G375255	116.00 LF	14.50 LF	118.00 LF	15.50 LF	1,829	1,682	
C-92	G15G375255	32.00 LF	14.50 LF	34.00 LF	15.50 LF	527	464	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**14,964**	**SF**
Total Pay Area This Page	**15,269**	**SF**
LF In Trench Previous	699	LF
LF In Trench To Date	786	LF
SF In Trench Previous	2,447	SF
Total SF in Trench to Date	2,751	SF
Total Panel SF Previous	115,213	SF
Total Panel SF To Date	130,177	SF
Total Pay Area To Date Including Anchor Trench	**132,928**	
Initial Quantity Previous	126,265	SF
Initial Quantity This Page	16,244	SF
Initial Quantity To Date	142,509	SF

Daily Panel Placement **Page** 16

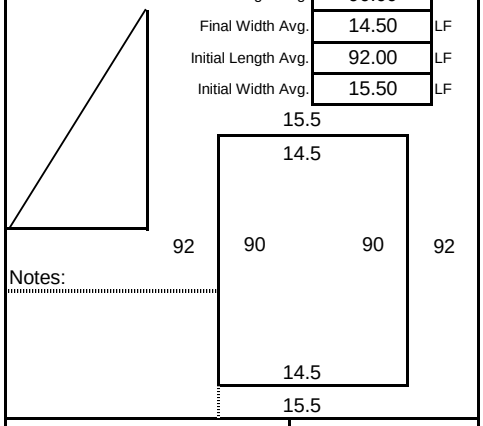
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

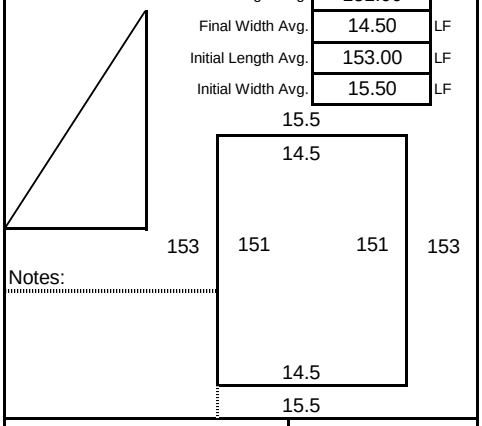
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-93	Roll # G15G382129		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,426	Lineal Feet Trench	
Final SF	1,305		



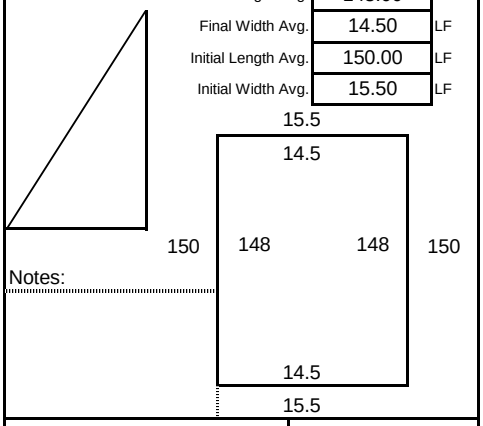
Notes:

Panel # C-94	Roll # G15G383191		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190		



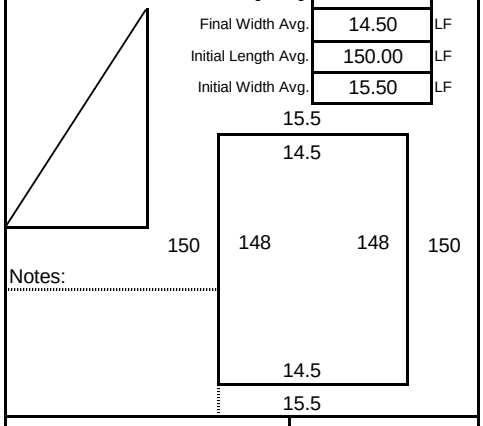
Notes:

Panel # C-95	Roll # G15G382127		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		



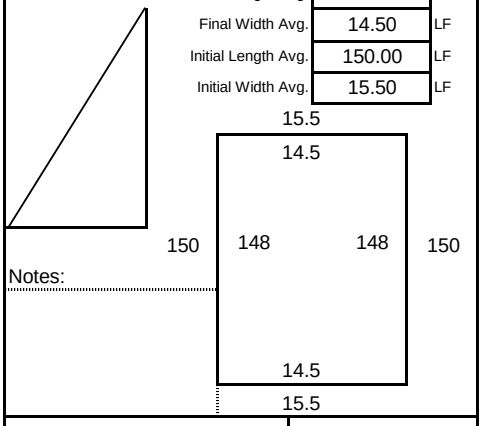
Notes:

Panel # C-96	Roll # G15G375237		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		



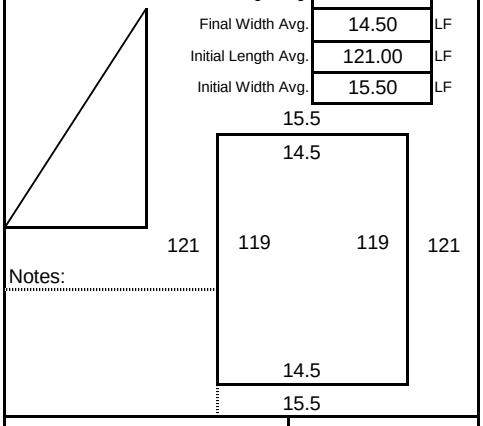
Notes:

Panel # C-97	Roll # G15G383227		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		



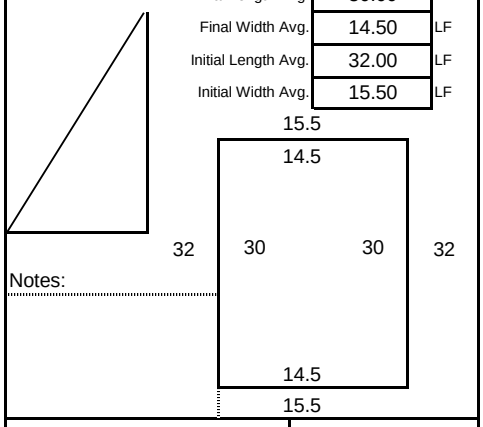
Notes:

Panel # C-98	Roll # G15G383200		
Final Length Avg.	119.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	121.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,876	Lineal Feet Trench	
Final SF	1,726		



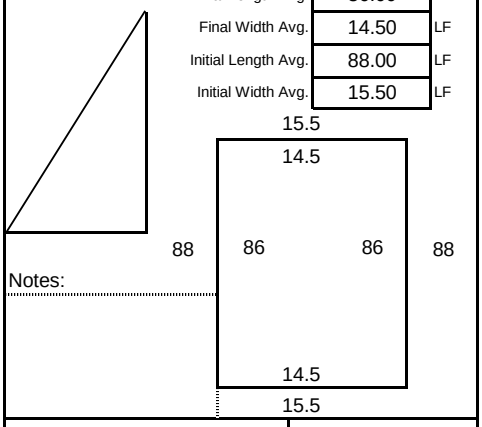
Notes:

Panel # C-99	Roll # G15G383200		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	496	Lineal Feet Trench	
Final SF	435		



Notes:

Panel # C-100	Roll # G15G375257		
Final Length Avg.	86.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	88.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,364	Lineal Feet Trench	
Final SF	1,247		



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**13,340**	**SF**
Total Pay Area This Page	**13,340**	**SF**
LF In Trench Previous	786	LF
LF In Trench To Date	786	LF
SF In Trench Previous	2,751	SF
Total SF in Trench to Date	2,751	SF
Total Panel SF Previous	130,177	SF
Total Panel SF To Date	143,517	SF
Total Pay Area To Date Including Anchor Trench	**146,268**	
Initial Quantity Previous	142,509	SF
Initial Quantity This Page	14,508	SF
Initial Quantity To Date	157,017	SF

Daily Panel Placement **Page** 17

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-101	Roll # G15E375257		
Final Length Avg.	61.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	61.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	946	Lineal Feet Trench	
Final SF	885		

15.5 / 14.5 / 61 61 61 61 / 14.5 / 15.5

Notes:

Panel # C-102	Roll # G15G376281		
Final Length Avg.	58.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	60.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	930	Lineal Feet Trench	
Final SF	841		

15.5 / 14.5 / 60 58 58 60 / 14.5 / 15.5

Notes:

Panel # C-103	Roll # G15G376281		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,426	Lineal Feet Trench	
Final SF	1,305		

15.5 / 14.5 / 92 90 90 92 / 14.5 / 15.5

Notes:

Panel # C-104	Roll # G15G374200		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	465	Lineal Feet Trench	
Final SF	435		

15.5 / 14.5 / 30 30 30 30 / 14.5 / 15.5

Notes:

Panel # C-105	Roll # G15G374200		
Final Length Avg.	114.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	116.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,798	Lineal Feet Trench	
Final SF	1,653		

15.5 / 14.5 / 116 114 114 116 / 14.5 / 15.5

Notes:

Panel # C-106	Roll # G15G376282		
Final Length Avg.	119.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	121.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,876	Lineal Feet Trench	
Final SF	1,726		

15.5 / 14.5 / 121 119 119 121 / 14.5 / 15.5

Notes:

Panel # C-107	Roll # G15G376282		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	496	Lineal Feet Trench	
Final SF	435		

15.5 / 14.5 / 32 30 30 32 / 14.5 / 15.5

Notes:

Panel # C-108	Roll # G15G375260		
Final Length Avg.	88.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	90.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,395	Lineal Feet Trench	
Final SF	1,276		

15.5 / 14.5 / 90 88 88 90 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,555**	**SF**
Total Pay Area This Page	**8,555**	**SF**
LF In Trench Previous	786	LF
LF In Trench To Date	786	LF
SF In Trench Previous	2,751	SF
Total SF in Trench to Date	2,751	SF
Total Panel SF Previous	143,517	SF
Total Panel SF To Date	152,072	SF
Total Pay Area To Date Including Anchor Trench	**154,823**	
Initial Quantity Previous	157,017	SF
Initial Quantity This Page	9,331	SF
Initial Quantity To Date	166,348	SF

Daily Panel Placement **Page** 18

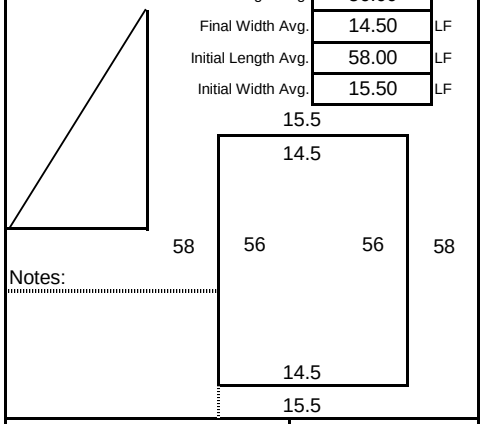
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

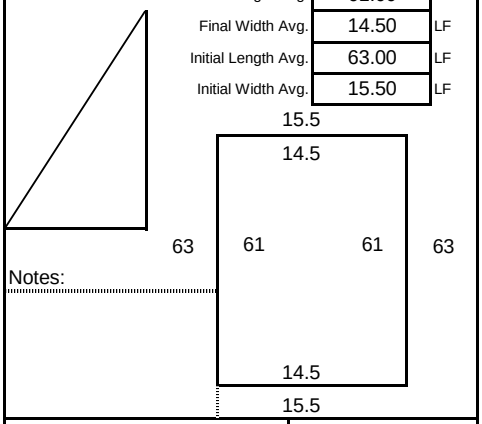
Panel # C-109	Roll # G15G375260
Final Length Avg.	56.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	58.00 LF
Initial Width Avg.	15.50 LF



Notes:

Initial SF	899	Lineal Feet Trench
Final SF	812	

Panel # C-110	Roll # G15G374199
Final Length Avg.	61.00 LF
Final Width Avg.	14.50 LF
Initial Length Avg.	63.00 LF
Initial Width Avg.	15.50 LF



Notes:

Initial SF	977	Lineal Feet Trench
Final SF	885	

Panel #	Roll #
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #
Final Length Avg.	LF
Final Width Avg.	LF
Initial Length Avg.	LF
Initial Width Avg.	LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,697**	**SF**
Total Pay Area This Page	**1,697**	**SF**
LF In Trench Previous	786	LF
LF In Trench To Date	786	LF
SF In Trench Previous	2,751	SF
Total SF in Trench to Date	2,751	SF
Total Panel SF Previous	152,072	SF
Total Panel SF To Date	153,769	SF
Total Pay Area To Date Including Anchor Trench	**156,520**	
Initial Quantity Previous	166,348	SF
Initial Quantity This Page	1,876	SF
Initial Quantity To Date	168,224	SF

Daily Panel Placement **Page** 19

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/26/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-111	Roll # G15G383210		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	147	147	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

Panel # C-112	Roll # G15G383199		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
153	151	151	153
14.5			
15.5			
Notes:			
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190	14.5	

Panel # C-113	Roll # G15G375254		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
153	151	151	153
14.5			
15.5			
Notes:			
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190	14.5	

Panel # C-114	Roll # G15G382133		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
152	150	150	152
14.5			
15.5			
Notes:			
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175	14.5	

Panel # C-115	Roll # G15G374182		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
153	151	151	153
14.5			
15.5			
Notes:			
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,190	14.5	

Panel # C-116	Roll # G15G374199		
Final Length Avg.	87.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	89.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
89	87	87	89
14.5			
15.5			
Notes:			
Initial SF	1,380	Lineal Feet Trench	
Final SF	1,262		

Panel # C-117	Roll # G15G375256		
Final Length Avg.	36.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	38.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
38	36	36	38
14.5			
15.5			
Notes:			
Initial SF	589	Lineal Feet Trench	
Final SF	522		

Panel # C-118	Roll # G15G375256		
Final Length Avg.	116.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	114.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
116	114	114	116
14.5			
15.5			
Notes:			
Initial SF	1829	Lineal Feet Trench	
Final SF	1682		

Material in Anchor Trench		
Total LF In Trench This Page	72.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**254**	**SF**
Total Panel SF This Page	**12,659**	**SF**
Total Pay Area This Page	**12,912**	**SF**
LF In Trench Previous	786	LF
LF In Trench To Date	859	LF
SF In Trench Previous	2,751	SF
Total SF in Trench to Date	3,005	SF
Total Panel SF Previous	153,769	SF
Total Panel SF To Date	166,427	SF
Total Pay Area To Date Including Anchor Trench	**169,432**	
Initial Quantity Previous	168,224	SF
Initial Quantity This Page	13,749	SF
Initial Quantity To Date	181,972	SF

Daily Panel Placement **Page** 20

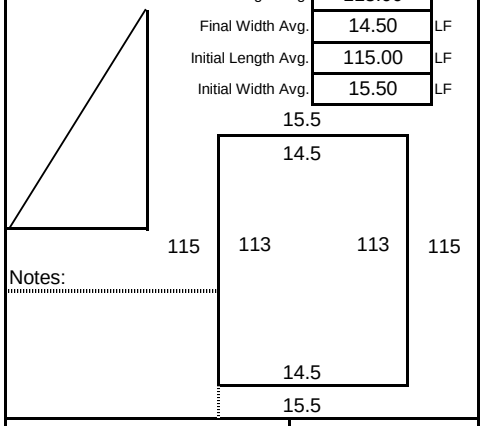
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/26/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

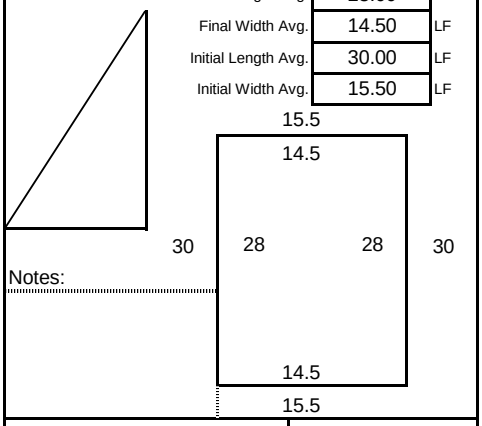
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-119	Roll # G15G383226		
Final Length Avg.	113.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	115.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,783	Lineal Feet Trench	
Final SF	1,639		



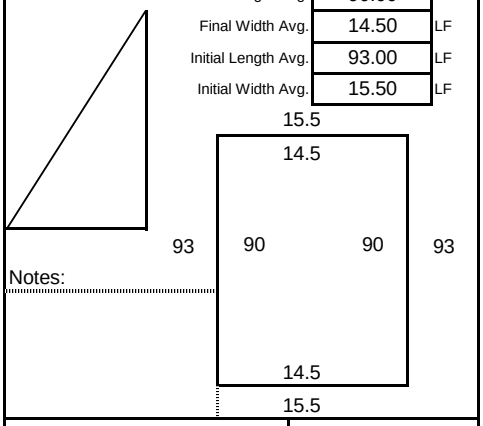
Notes:

Panel # C-120	Roll # G15G383226		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	465	Lineal Feet Trench	
Final SF	406		



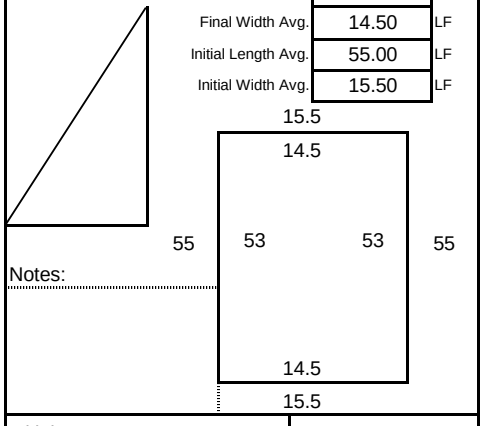
Notes:

Panel # C-121	Roll # G15G375251		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	93.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,442	Lineal Feet Trench	
Final SF	1,305		



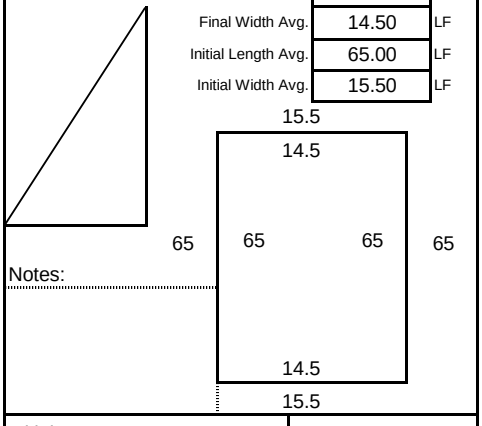
Notes:

Panel # C-122	Roll # G15G375251		
Final Length Avg.	53.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	55.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	853	Lineal Feet Trench	
Final SF	769		



Notes:

Panel # C-123	Roll # G15G383231		
Final Length Avg.	65.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,008	Lineal Feet Trench	
Final SF	943		



Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,061**	**SF**
Total Pay Area This Page	**5,061**	**SF**
LF In Trench Previous	859	LF
LF In Trench To Date	859	LF
SF In Trench Previous	3,005	SF
Total SF in Trench to Date	3,005	SF
Total Panel SF Previous	166,427	SF
Total Panel SF To Date	171,488	SF
Total Pay Area To Date Including Anchor Trench	**174,493**	
Initial Quantity Previous	181,972	SF
Initial Quantity This Page	5,549	SF
Initial Quantity To Date	187,521	SF

Daily Panel Placement **Page** 21

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-124 Roll # G15G382137

Final Length Avg.	142.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	144.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 144 / 142 / 142 / 144 / 14.5 / 15.5

Notes:

Initial SF	2,232	Lineal Feet Trench	
Final SF	2,059		14.5

Panel # C-125 Roll # G15G382140

Final Length Avg.	145.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	147.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 147 / 145 / 145 / 147 / 14.5 / 15.5

Notes:

Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		14.5

Panel # C-126 Roll # G15G375252

Final Length Avg.	149.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	151.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 151 / 149 / 149 / 151 / 14.5 / 15.5

Notes:

Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161		14.5

Panel # C-127 Roll # G15G383201

Final Length Avg.	144.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	146.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 146 / 144 / 144 / 146 / 14.5 / 15.5

Notes:

Initial SF	2,263	Lineal Feet Trench	
Final SF	2,088		14.5

Panel # C-128 Roll # G15G383139

Final Length Avg.	127.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	129.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 129 / 127 / 127 / 129 / 14.5 / 15.5

Notes:

Initial SF	2,000	Lineal Feet Trench	
Final SF	1,842		

Panel # C-129 Roll # G15G383139

Final Length Avg.	19.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	21.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 21 / 19 / 19 / 21 / 14.5 / 15.5

Notes:

Initial SF	326	Lineal Feet Trench	
Final SF	276		

Panel # C-130 Roll # G15G383202

Final Length Avg.	108.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	108.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 108 / 108 / 108 / 108 / 14.5 / 15.5

Notes:

Initial SF	1,674	Lineal Feet Trench	
Final SF	1,566		

Panel # C-131 Roll # G15G383202

Final Length Avg.	44.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	46.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 46 / 44 / 44 / 46 / 14.5 / 15.5

Notes:

Initial SF	713	Lineal Feet Trench	
Final SF	638		

Material in Anchor Trench

Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**12,731**	**SF**
Total Pay Area This Page	**12,934**	**SF**
LF In Trench Previous	859	LF
LF In Trench To Date	917	LF
SF In Trench Previous	3,005	SF
Total SF in Trench to Date	3,208	SF
Total Panel SF Previous	171,488	SF
Total Panel SF To Date	184,219	SF
Total Pay Area To Date Including Anchor Trench	**187,427**	
Initial Quantity Previous	187,521	SF
Initial Quantity This Page	13,826	SF
Initial Quantity To Date	201,347	SF

Daily Panel Placement **Page** 22

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-132	Roll # G15G383231		
Final Length Avg.	81.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	83.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,287	Lineal Feet Trench	
Final SF	1,175		

15.5 / 14.5 / 83 81 81 83 / 14.5 / 15.5

Notes:

Panel # C-133	Roll # G15G382132		
Final Length Avg.	129.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	131.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,031	Lineal Feet Trench	
Final SF	1,871		

15.5 / 14.5 / 131 129 129 131 / 14.5 / 15.5

Notes:

Panel # C-134	Roll # G15G383222		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-135	Roll # G15G383215		
Final Length Avg.	125.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	127.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,969	Lineal Feet Trench	
Final SF	1,813		

15.5 / 14.5 / 127 125 125 127 / 14.5 / 15.5

Notes:

Panel # C-136	Roll # G15G376338		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-137	Roll # G15G382136		
Final Length Avg.	129.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	131.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,031	Lineal Feet Trench	
Final SF	1,871		

15.5 / 14.5 / 131 129 129 131 / 14.5 / 15.5

Notes:

Panel # C-138	Roll # G15G382135		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-139	Roll # G15G383229		
Final Length Avg.	125.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	127.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,969	Lineal Feet Trench	
Final SF	1,813		

15.5 / 14.5 / 127 125 125 127 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	43.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**152**	**SF**
Total Panel SF This Page	**14,906**	**SF**
Total Pay Area This Page	**15,058**	**SF**
LF In Trench Previous	917	LF
LF In Trench To Date	960	LF
SF In Trench Previous	3,208	SF
Total SF in Trench to Date	3,360	SF
Total Panel SF Previous	184,219	SF
Total Panel SF To Date	199,125	SF
Total Pay Area To Date Including Anchor Trench	**202,485**	
Initial Quantity Previous	201,347	SF
Initial Quantity This Page	16,182	SF
Initial Quantity To Date	217,529	SF

Daily Panel Placement **Page** 23

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-140 Roll # G15G383218

Final Length Avg.	147.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		14.5

Panel # C-141 Roll # G15G383229

Final Length Avg.	23.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	25.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 25 23 23 25 / 14.5 / 15.5

Notes:

Initial SF	388	Lineal Feet Trench	
Final SF	334		

Panel # C-142 Roll # G15G382136

Final Length Avg.	21.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	23.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 23 21 21 23 / 14.5 / 15.5

Notes:

Initial SF	357	Lineal Feet Trench	
Final SF	305		

Panel # C-143 Roll # G15G383215

Final Length Avg.	21.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	23.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 23.5 21 21 23.5 / 14.5 / 15.5

Notes:

Initial SF	364	Lineal Feet Trench	
Final SF	305		

Panel # C-144 Roll # G15G383223

Final Length Avg.	61.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	63.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 63 61 61 63 / 14.5 / 15.5

Notes:

Initial SF	977	Lineal Feet Trench	
Final SF	885		

Panel # C-145 Roll # G15G383139

Final Length Avg.	16.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	18.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 18 16 16 18 / 14.5 / 15.5

Notes:

Initial SF	279	Lineal Feet Trench	
Final SF	232		

Panel # C-146 Roll # G15G383223

Final Length Avg.	82.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	84.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 84 82 82 84 / 14.5 / 15.5

Notes:

Initial SF	1,302	Lineal Feet Trench	
Final SF	1,189		

Panel # C-147 Roll # G15G376337

Final Length Avg.	144.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	146.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 146 144 144 146 / 14.5 / 15.5

Notes:

Initial SF	2,263	Lineal Feet Trench	
Final SF	2,088		14.5

Material in Anchor Trench

Total LF In Trench This Page	29.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**102**	**SF**
Total Panel SF This Page	**7,468**	**SF**
Total Pay Area This Page	**7,569**	**SF**
LF In Trench Previous	960	LF
LF In Trench To Date	989	LF
SF In Trench Previous	3,360	SF
Total SF in Trench to Date	3,462	SF
Total Panel SF Previous	199,125	SF
Total Panel SF To Date	206,592	SF
Total Pay Area To Date Including Anchor Trench	**210,054**	
Initial Quantity Previous	217,529	SF
Initial Quantity This Page	8,238	SF
Initial Quantity To Date	225,768	SF

Daily Panel Placement **Page** 24

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

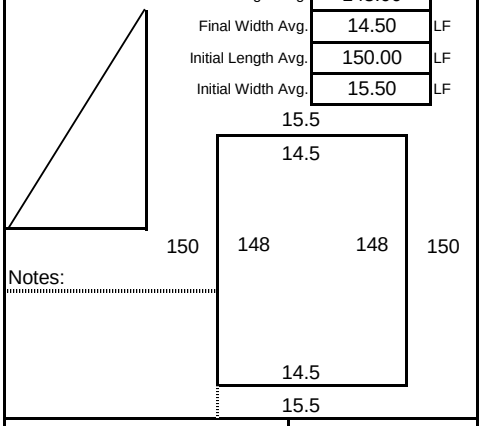
Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-148 Roll # G15G376341

Final Length Avg.	148.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

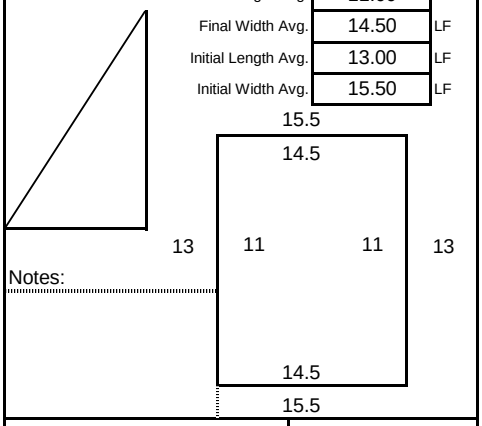


Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-149 Roll # G15G374196

Final Length Avg.	11.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	13.00	LF
Initial Width Avg.	15.50	LF

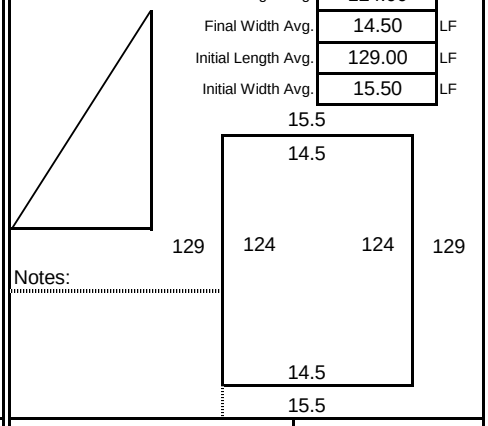


Notes:

Initial SF	202	Lineal Feet Trench	
Final SF	160		

Panel # C-150 Roll # G15G374196

Final Length Avg.	124.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	129.00	LF
Initial Width Avg.	15.50	LF

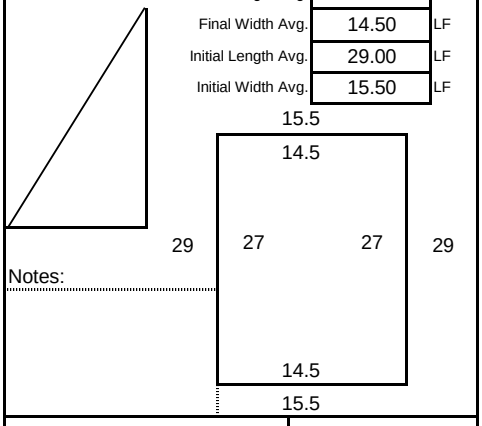


Notes:

Initial SF	2,000	Lineal Feet Trench	
Final SF	1,798		

Panel # C-151 Roll # G15G383228

Final Length Avg.	27.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	29.00	LF
Initial Width Avg.	15.50	LF

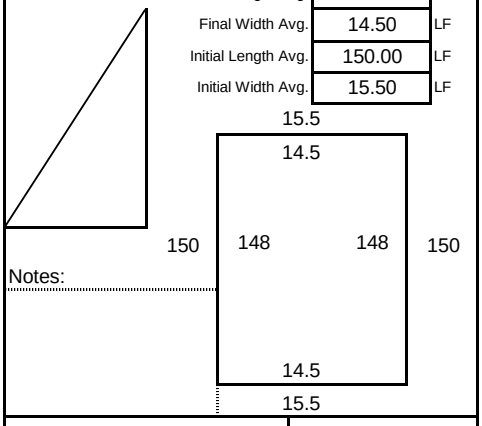


Notes:

Initial SF	450	Lineal Feet Trench	
Final SF	392		

Panel # C-152 Roll # G15G382144

Final Length Avg.	148.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

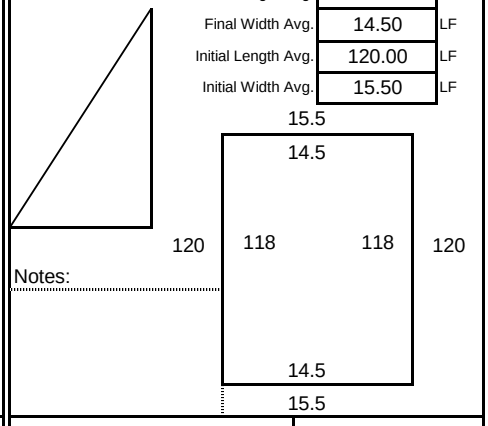


Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

Panel # C-153 Roll # G15G383228

Final Length Avg.	118.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	120.00	LF
Initial Width Avg.	15.50	LF

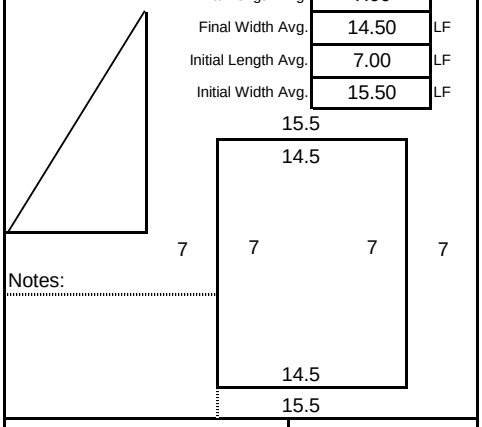


Notes:

Initial SF	1,860	Lineal Feet Trench	
Final SF	1,711		

Panel # C-154 Roll # G15G374196

Final Length Avg.	7.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	7.00	LF
Initial Width Avg.	15.50	LF

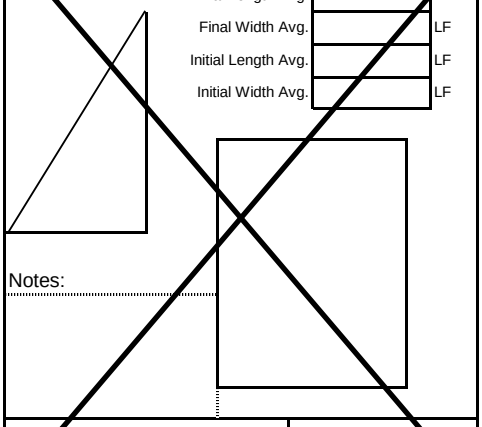


Notes:

Initial SF	109	Lineal Feet Trench	
Final SF	102		

Panel # Roll #

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF



Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench		
Total LF In Trench This Page	14.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**51**	**SF**
Total Panel SF This Page	**8,454**	**SF**
Total Pay Area This Page	**8,504**	**SF**
LF In Trench Previous	989	LF
LF In Trench To Date	1,004	LF
SF In Trench Previous	3,462	SF
Total SF in Trench to Date	3,512	SF
Total Panel SF Previous	206,592	SF
Total Panel SF To Date	215,046	SF
Total Pay Area To Date Including Anchor Trench	**218,558**	
Initial Quantity Previous	225,768	SF
Initial Quantity This Page	9,269	SF
Initial Quantity To Date	235,037	SF

Daily Panel Placement **Page** 25

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-155	Roll # G15G376316		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,263	Lineal Feet Trench	
Final SF	2,088	14.5	

15.5 / 14.5 / 146 144 144 146 / 14.5 / 15.5

Notes:

Panel # C-156	Roll # G15G376292		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,088	14.5	

15.5 / 14.5 / 147 144 144 147 / 14.5 / 15.5

Notes:

Panel # C-157	Roll # G15G376318		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-158	Roll # G15G383214		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-159	Roll # G15G382106		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175	14.5	

15.5 / 14.5 / 152 150 150 152 / 14.5 / 15.5

Notes:

Panel # C-160	Roll # G15G375221		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-161	Roll # G15G384247		
Final Length Avg.	128.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	130.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,015	Lineal Feet Trench	
Final SF	1,856		

15.5 / 14.5 / 130 128 128 130 / 14.5 / 15.5

Notes:

Panel # C-162	Roll # G15G376317		
Final Length Avg.	131.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	133.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,062	Lineal Feet Trench	
Final SF	1,900		

15.5 / 14.5 / 133 131 131 133 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**16,501**	**SF**
Total Pay Area This Page	**16,704**	**SF**
LF In Trench Previous	1,004	LF
LF In Trench To Date	1,062	LF
SF In Trench Previous	3,512	SF
Total SF in Trench to Date	3,715	SF
Total Panel SF Previous	215,046	SF
Total Panel SF To Date	231,547	SF
Total Pay Area To Date Including Anchor Trench	**235,262**	
Initial Quantity Previous	235,037	SF
Initial Quantity This Page	17,903	SF
Initial Quantity To Date	252,939	SF

Daily Panel Placement **Page** 26

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-163 Roll # G15G382131

Final Length Avg.	148.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 150 / 148 / 148 / 150 / 14.5 / 15.5

Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		14.5

Panel # C-164 Roll # G15G376340

Final Length Avg.	131.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	133.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 133 / 131 / 131 / 133 / 14.5 / 15.5

Notes:

Initial SF	2,062	Lineal Feet Trench	
Final SF	1,900		

Panel # C-165 Roll # G15G382138

Final Length Avg.	31.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	33.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 33 / 31 / 31 / 33 / 14.5 / 15.5

Notes:

Initial SF	512	Lineal Feet Trench	
Final SF	450		

Panel # C-166 Roll # G15G382134

Final Length Avg.	150.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	152.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 152 / 150 / 150 / 152 / 14.5 / 15.5

Notes:

Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175		14.5

Panel # C-167 Roll # G15G382115

Final Length Avg.	147.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 149 / 147 / 147 / 149 / 14.5 / 15.5

Notes:

Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		14.5

Panel # C-168 Roll # G15G382138

Final Length Avg.	108.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	115.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 115 / 108 / 108 / 115 / 14.5 / 15.5

Notes:

Initial SF	1,783	Lineal Feet Trench	
Final SF	1,566		

Panel # C-169 Roll # G15G376314

Final Length Avg.	134.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	136.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 136 / 134 / 134 / 136 / 14.5 / 15.5

Notes:

Initial SF	2,108	Lineal Feet Trench	
Final SF	1,943		

Panel # C-170 Roll # G15G375218

Final Length Avg.	146.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 148 / 146 / 146 / 148 / 14.5 / 15.5

Notes:

Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		14.5

Material in Anchor Trench

Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**14,428**	**SF**
Total Pay Area This Page	**14,631**	**SF**
LF In Trench Previous	1,062	LF
LF In Trench To Date	1,120	LF
SF In Trench Previous	3,715	SF
Total SF in Trench to Date	3,918	SF
Total Panel SF Previous	231,547	SF
Total Panel SF To Date	245,974	SF
Total Pay Area To Date Including Anchor Trench	**249,893**	
Initial Quantity Previous	252,939	SF
Initial Quantity This Page	15,748	SF
Initial Quantity To Date	268,687	SF

Daily Panel Placement **Page** 27

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-171	G15G384275	133.00 LF	14.50 LF	135.00 LF	15.50 LF	2,093	1,929	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: C-171 / G15G384275: 15.5 / 14.5 / 135 / 133 / 133 / 135 / 14.5 / 15.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,929**	**SF**
Total Pay Area This Page	**1,929**	**SF**
LF In Trench Previous	1,120	LF
LF In Trench To Date	1,120	LF
SF In Trench Previous	3,918	SF
Total SF in Trench to Date	3,918	SF
Total Panel SF Previous	245,974	SF
Total Panel SF To Date	247,903	SF
Total Pay Area To Date Including Anchor Trench	**251,821**	
Initial Quantity Previous	268,687	SF
Initial Quantity This Page	2,093	SF
Initial Quantity To Date	270,780	SF

Daily Panel Placement **Page** 28

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-172	Roll # G15G374179		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-173	Roll # G15G374187		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-174	Roll # G15G374189		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-175	Roll # G15G375240		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 147 145 145 147 / 14.5 / 15.5

Notes:

Panel # C-176	Roll # G15G375245		
Final Length Avg.	131.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	133.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,062	Lineal Feet Trench	
Final SF	1,900		

15.5 / 14.5 / 133 131 131 133 / 14.5 / 15.5

Notes:

Panel # C-177	Roll # G15G375245		
Final Length Avg.	14.00	LF	
Final Width Avg.	8.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	9.00	LF	
Initial SF	144	Lineal Feet Trench	
Final SF	112		

9 / 8 / 16 14 14 16 / 8 / 9

Notes:

Panel # C-178	Roll # G15G375245		
Final Length Avg.	16.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	18.00	LF	
Initial Width Avg.	5.00	LF	
Initial SF	90	Lineal Feet Trench	
Final SF	64		

5 / 4 / 18 16 16 18 / 4 / 5

Notes:

Panel # C-179	Roll # G15G384275		
Final Length Avg.	15.00	LF	
Final Width Avg.	8.00	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	9.00	LF	
Initial SF	171	Lineal Feet Trench	
Final SF	120		

9 / 8 / 19 15 15 19 / 8 / 9

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**10,736**	**SF**
Total Pay Area This Page	**10,939**	**SF**
LF In Trench Previous	1,120	LF
LF In Trench To Date	1,178	LF
SF In Trench Previous	3,918	SF
Total SF in Trench to Date	4,121	SF
Total Panel SF Previous	247,903	SF
Total Panel SF To Date	258,639	SF
Total Pay Area To Date Including Anchor Trench	**262,760**	
Initial Quantity Previous	270,780	SF
Initial Quantity This Page	11,720	SF
Initial Quantity To Date	282,500	SF

Daily Panel Placement **Page** 29

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GCL

Primary **Secondary** **Cell** **Pond** **Cap** X **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-180	Roll # G15G384275		
Final Length Avg.	14.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	7.00	LF	
Initial SF	112	Lineal Feet Trench	
Final SF	84		

Notes:

Panel # C-181	Roll # G15G384247		
Final Length Avg.	17.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	7.00	LF	
Initial SF	133	Lineal Feet Trench	
Final SF	102		

Notes:

Panel # C-182	Roll # G15G375238		
Final Length Avg.	37.00	LF	
Final Width Avg.	8.00	LF	
Initial Length Avg.	41.00	LF	
Initial Width Avg.	9.00	LF	
Initial SF	369	Lineal Feet Trench	
Final SF	296		

Notes:

Panel # C-183	Roll # G15G375238		
Final Length Avg.	23.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	5.00	LF	
Initial SF	125	Lineal Feet Trench	
Final SF	92		

Notes:

Panel # C-184	Roll # G15G375238		
Final Length Avg.	100.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	106.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,643	Lineal Feet Trench	
Final SF	1,450		

Notes:

Panel # C-185	Roll # G15G375217		
Final Length Avg.	132.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	134.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,077	Lineal Feet Trench	
Final SF	1,914		

Notes:

Panel # C-186	Roll # G15G374188		
Final Length Avg.	134.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	136.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,108	Lineal Feet Trench	
Final SF	1,943		

Notes:

Panel # C-187	Roll # G15G374192		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	465	Lineal Feet Trench	
Final SF	406		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**6,287**	SF
Total Pay Area This Page	**6,287**	SF
LF In Trench Previous	1,178	LF
LF In Trench To Date	1,178	LF
SF In Trench Previous	4,121	SF
Total SF in Trench to Date	4,121	SF
Total Panel SF Previous	258,639	SF
Total Panel SF To Date	264,926	SF
Total Pay Area To Date Including Anchor Trench	**269,047**	
Initial Quantity Previous	282,500	SF
Initial Quantity This Page	7,032	SF
Initial Quantity To Date	289,532	SF

Daily Panel Placement **Page** 30

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-188 Roll # G15G374190

Final Length Avg.	147.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 149 / 147 / 147 / 149 / 14.5 / 15.5

Notes:

Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		14.5

Panel # C-189 Roll # G15G374185

Final Length Avg.	147.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 150 / 147 / 147 / 150 / 14.5 / 15.5

Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,132		14.5

Panel # C-190 Roll # G15G375222

Final Length Avg.	131.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	133.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 133 / 131 / 131 / 133 / 14.5 / 15.5

Notes:

Initial SF	2,062	Lineal Feet Trench	
Final SF	1,900		

Panel # C-191 Roll # G15G374194

Final Length Avg.	148.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 150 / 148 / 148 / 150 / 14.5 / 15.5

Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-192 Roll # G15G374192

Final Length Avg.	108.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	111.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 111 / 108 / 108 / 111 / 14.5 / 15.5

Notes:

Initial SF	1,721	Lineal Feet Trench	
Final SF	1,566		

Panel # C-193 Roll # G15G374186

Final Length Avg.	128.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	130.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 130 / 128 / 128 / 130 / 14.5 / 15.5

Notes:

Initial SF	2,015	Lineal Feet Trench	
Final SF	1,856		

Panel # C-194 Roll # G15G375231

Final Length Avg.	22.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	24.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 24 / 22 / 22 / 24 / 14.5 / 15.5

Notes:

Initial SF	372	Lineal Feet Trench	
Final SF	319		

Panel # C-195 Roll # G15G375231

Final Length Avg.	116.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	118.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 118 / 116 / 116 / 118 / 14.5 / 15.5

Notes:

Initial SF	1,829	Lineal Feet Trench	
Final SF	1,682		14.5

Material in Anchor Trench		
Total LF In Trench This Page	43.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**152**	**SF**
Total Panel SF This Page	**13,732**	**SF**
Total Pay Area This Page	**13,884**	**SF**
LF In Trench Previous	1,178	LF
LF In Trench To Date	1,221	LF
SF In Trench Previous	4,121	SF
Total SF in Trench to Date	4,274	SF
Total Panel SF Previous	264,926	SF
Total Panel SF To Date	278,657	SF
Total Pay Area To Date Including Anchor Trench	**282,931**	
Initial Quantity Previous	289,532	SF
Initial Quantity This Page	14,958	SF
Initial Quantity To Date	304,489	SF

Daily Panel Placement **Page** 31

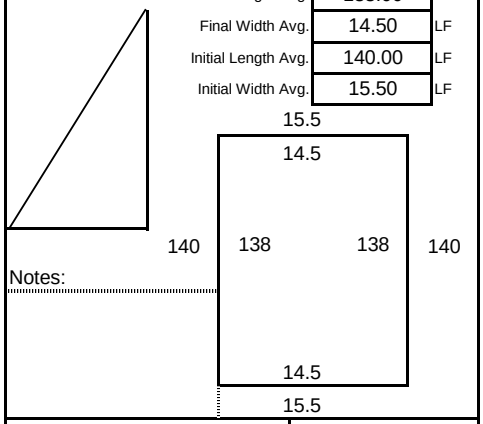
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

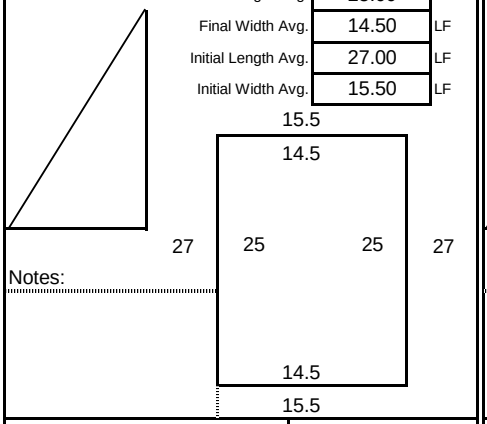
Superintendent: Ali Malimar **Material Type:** GCL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-196	G15G375236	138.00 LF	14.50 LF	140.00 LF	15.50 LF	2,170	2,001	
C-197	G15G375204	25.00 LF	14.50 LF	27.00 LF	15.50 LF	419	363	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	





Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,364**	SF
Total Pay Area This Page	**2,364**	SF
LF In Trench Previous	1,221	LF
LF In Trench To Date	1,221	LF
SF In Trench Previous	4,274	SF
Total SF in Trench to Date	4,274	SF
Total Panel SF Previous	278,657	SF
Total Panel SF To Date	281,021	SF
Total Pay Area To Date Including Anchor Trench	**285,294**	
Initial Quantity Previous	304,489	SF
Initial Quantity This Page	2,589	SF
Initial Quantity To Date	307,078	SF

Daily Panel Placement **Page** 32

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-198	Roll # G15G374183		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
147	145	145	147
14.5			
15.5			
Notes:			
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103	14.5	

Panel # C-199	Roll # G15G375228		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
151	149	149	151
14.5			
15.5			
Notes:			
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161	14.5	

Panel # C-200	Roll # G15G375232		
Final Length Avg.	140.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	142.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
142	140	140	142
14.5			
15.5			
Notes:			
Initial SF	2,201	Lineal Feet Trench	
Final SF	2,030	14.5	

Panel # C-201	Roll # G15G375266		
Final Length Avg.	141.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	143.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
143	141	141	143
14.5			
15.5			
Notes:			
Initial SF	2,217	Lineal Feet Trench	
Final SF	2,045	14.5	

Panel # C-202	Roll # G15G375250		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
145	143	143	145
14.5			
15.5			
Notes:			
Initial SF	2,248	Lineal Feet Trench	
Final SF	2,074	14.5	

Panel # C-203	Roll # G15G374201		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

Panel # C-204	Roll # G15G375204		
Final Length Avg.	108.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	110.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
110	108	108	110
14.5			
15.5			
Notes:			
Initial SF	1,705	Lineal Feet Trench	
Final SF	1,566		

Panel # C-205	Roll # G15G375233		
Final Length Avg.	128.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	131.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
131	128	128	131
14.5			
15.5			
Notes:			
Initial SF	2,031	Lineal Feet Trench	
Final SF	1,856		

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**15,979**	**SF**
Total Pay Area This Page	**16,284**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	87	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	305	SF
Total Panel SF Previous	-	SF
Total Panel SF To Date	15,979	SF
Total Pay Area To Date Including Anchor Trench	**16,284**	
Initial Quantity Previous	-	SF
Initial Quantity This Page	17,345	SF
Initial Quantity To Date	17,345	SF

Daily Panel Placement **Page** 33

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-206	Roll # G15G375246		
Final Length Avg.	138.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	140.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
140	138	138	140
14.5			
15.5			
Notes:			
Initial SF	2,170	Lineal Feet Trench	
Final SF	2,001		

Panel # C-207	Roll # G15G375253		
Final Length Avg.	137.00	LF	
password	14.50	LF	
Initial Length Avg.	139.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
139	137	137	139
14.5			
15.5			
Notes:			
Initial SF	2,155	Lineal Feet Trench	
Final SF	1,987		

Panel # C-208	Roll # G15G374202		
Final Length Avg.	134.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	136.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
136	134	134	136
14.5			
15.5			
Notes:			
Initial SF	2,108	Lineal Feet Trench	
Final SF	1,943		

Panel # C-209	Roll # G15G375267		
Final Length Avg.	127.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	129.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
129	127	127	129
14.5			
15.5			
Notes:			
Initial SF	2,000	Lineal Feet Trench	
Final SF	1,842		

Panel # C-210	Roll # G15G241064		
Final Length Avg.	22.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
24	22	22	24
14.5			
15.5			
Notes:			
Initial SF	372	Lineal Feet Trench	
Final SF	319		

Panel # C-211	Roll # G15G375265		
Final Length Avg.	135.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	137.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
137	135	135	137
14.5			
15.5			
Notes:			
Initial SF	2,124	Lineal Feet Trench	
Final SF	1,958	14.5	

Panel # C-212	Roll # G15G375247		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	146	146	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,117	14.5	

Panel # C-213	Roll # G15G375227		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	147	147	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

Material in Anchor Trench		
Total LF In Trench This Page	43.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**152**	**SF**
Total Panel SF This Page	**14,297**	**SF**
Total Pay Area This Page	**14,449**	**SF**
LF In Trench Previous	87	LF
LF In Trench To Date	131	LF
SF In Trench Previous	305	SF
Total SF in Trench to Date	457	SF
Total Panel SF Previous	15,979	SF
Total Panel SF To Date	30,276	SF
Total Pay Area To Date Including Anchor Trench	**30,733**	
Initial Quantity Previous	17,345	SF
Initial Quantity This Page	15,547	SF
Initial Quantity To Date	32,891	SF

Daily Panel Placement **Page** 34

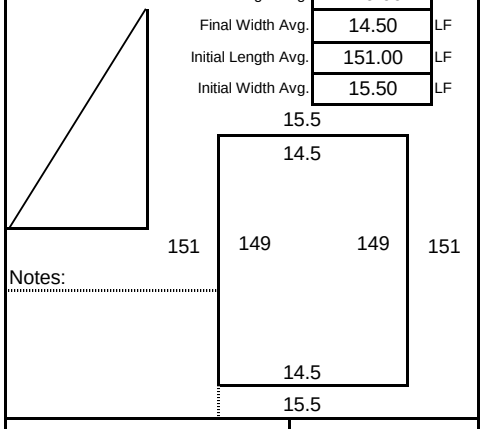
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

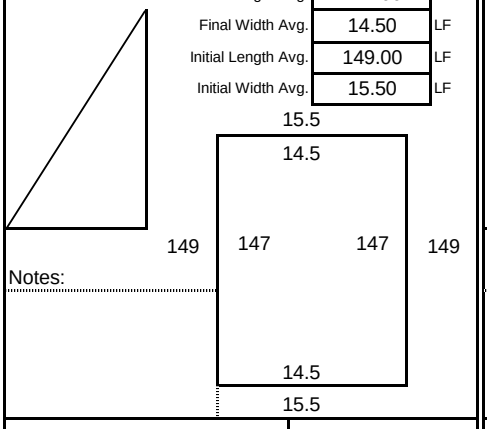
Superintendent: Ali Malimar **Material Type:** GCL

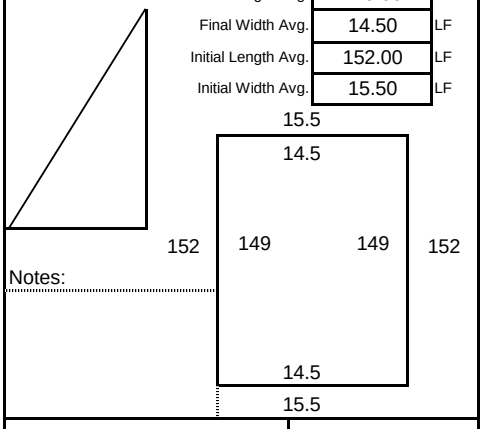
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

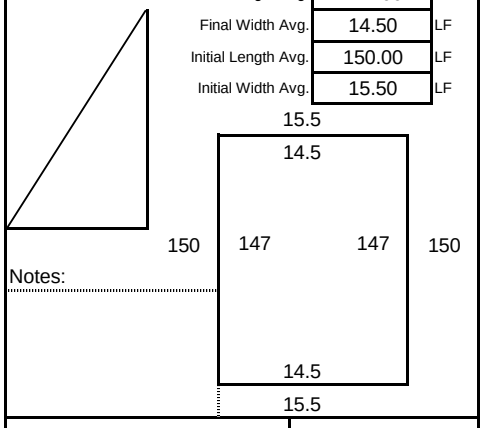
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

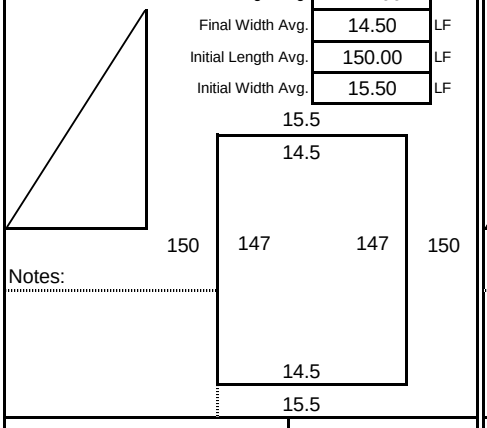
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-214	G15G375269	149.00 LF	14.50 LF	151.00 LF	15.50 LF		2,341	2,161	14.5
C-215	G15G375264	147.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,132	14.5
C-216	G15G376288	149.00 LF	14.50 LF	152.00 LF	15.50 LF		2,356	2,161	
C-217	G15G383206	147.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,132	
C-218	G15G375268	147.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,132	
C-219	G15G376284	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
C-220	G15G376287	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
							-	-	

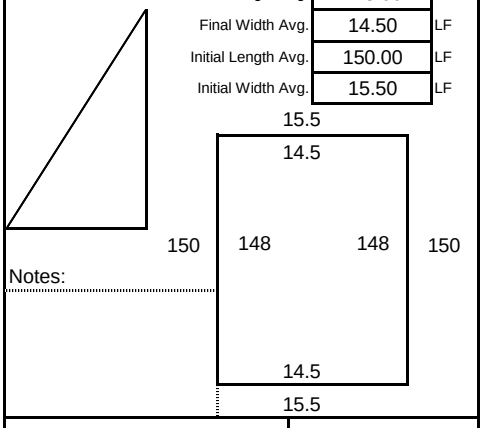


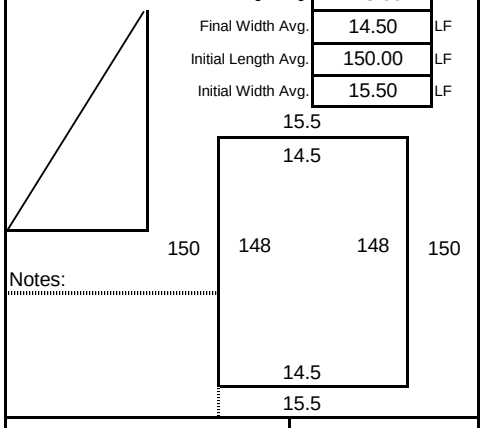


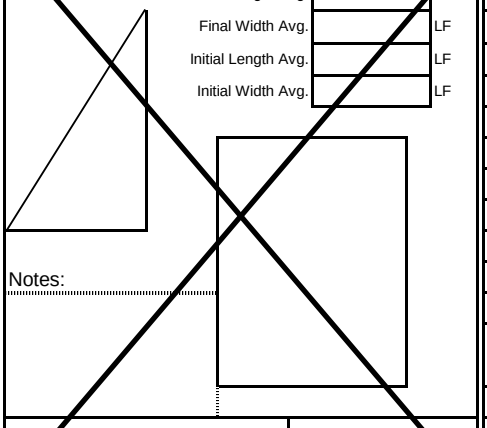












Material in Anchor Trench		
Total LF In Trench This Page	29.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**102**	**SF**
Total Panel SF This Page	**15,008**	**SF**
Total Pay Area This Page	**15,109**	**SF**
LF In Trench Previous	131	LF
LF In Trench To Date	160	LF
SF In Trench Previous	457	SF
Total SF in Trench to Date	558	SF
Total Panel SF Previous	30,276	SF
Total Panel SF To Date	45,284	SF
Total Pay Area To Date Including Anchor Trench	**45,842**	
Initial Quantity Previous	32,891	SF
Initial Quantity This Page	16,306	SF
Initial Quantity To Date	49,197	SF

Daily Panel Placement **Page** 35

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-221	Roll # G15G376295		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 148 145 145 148 / 14.5 / 15.5

Notes:

Panel # C-222	Roll # G15G375263		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 148 145 145 148 / 14.5 / 15.5

Notes:

Panel # C-223	Roll # G15G375261		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,103	14.5	

15.5 / 14.5 / 149 145 145 149 / 14.5 / 15.5

Notes:

Panel # C-224	Roll # G15G376286		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,263	Lineal Feet Trench	
Final SF	2,074	14.5	

15.5 / 14.5 / 146 143 143 146 / 14.5 / 15.5

Notes:

Panel # C-225	Roll # G15G375262		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,088	14.5	

15.5 / 14.5 / 149 144 144 149 / 14.5 / 15.5

Notes:

Panel # C-226	Roll # G15G375203		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,030	14	

15.5 / 14 / 148 145 145 148 / 14 / 15.5

Notes:

Panel # C-227	Roll # G15G375205		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,103		

15.5 / 14.5 / 148 145 145 148 / 14.5 / 15.5

Notes:

Panel # C-228	Roll # G15G374181		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,030		

15.5 / 14 / 149 145 145 149 / 14 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	86.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**303**	**SF**
Total Panel SF This Page	**16,632**	**SF**
Total Pay Area This Page	**16,934**	**SF**
LF In Trench Previous	160	LF
LF In Trench To Date	246	LF
SF In Trench Previous	558	SF
Total SF in Trench to Date	861	SF
Total Panel SF Previous	45,284	SF
Total Panel SF To Date	61,915	SF
Total Pay Area To Date Including Anchor Trench	**62,776**	
Initial Quantity Previous	49,197	SF
Initial Quantity This Page	18,368	SF
Initial Quantity To Date	67,565	SF

Daily Panel Placement **Page** 36

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-229	Roll # G15G375211		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
147	145	145	147
14.5			
15.5			
Notes:			
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-230	Roll # G15G375209		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.10	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.1			
149	145	145	149
14.1			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,045		

Panel # C-231	Roll # G15G375214		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.10	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.1			
148	144	144	148
14.1			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,030		

Panel # C-232	Roll # G15G376285		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	143	143	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,074		

Panel # C-233	Roll # G15G375207		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	19.25	LF	
15.5			
14.5			
147	145	145	147
14.5			
23			
Notes:			
Initial SF	2,830	Lineal Feet Trench	
Final SF	2,103	14.5	

Panel # C-234	Roll # G15G383221		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14			
148	144	144	148
14			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,016	14.5	

Panel # C-235	Roll # G15G383219		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
148	144	144	148
14.5			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,088	14.5	

Panel # C-236	Roll # G15G375215		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14			
146	143	143	146
14			
15.5			
Notes:			
Initial SF	2,263	Lineal Feet Trench	
Final SF	2,002	14	

Material in Anchor Trench		
Total LF In Trench This Page	57.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**201**	**SF**
Total Panel SF This Page	**16,459**	**SF**
Total Pay Area This Page	**16,661**	**SF**
LF In Trench Previous	246	LF
LF In Trench To Date	304	LF
SF In Trench Previous	861	SF
Total SF in Trench to Date	1,062	SF
Total Panel SF Previous	61,915	SF
Total Panel SF To Date	78,374	SF
Total Pay Area To Date Including Anchor Trench	**79,437**	
Initial Quantity Previous	67,565	SF
Initial Quantity This Page	18,872	SF
Initial Quantity To Date	86,437	SF

Daily Panel Placement **Page** 37

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-237	Roll # G15G375210		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,088	14.5	

15.5 / 14.5 / 148 144 144 148 / 14.5 / 15.5

Notes:

Panel # C-238	Roll # G15G383216		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,002		

15.5 / 14 / 147 143 143 147 / 14 / 15.5

Notes:

Panel# C-239	Roll # G15G383217		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,103		

15.5 / 14.5 / 149 145 145 149 / 14.5 / 15.5

Notes:

Panel # C-240	Roll # G15G383212		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,030		

15.5 / 14 / 148 145 145 148 / 14 / 15.5

Notes:

Panel # C-241	Roll # G15G383243		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.20	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,045		

15.5 / 14.2 / 149 144 144 149 / 14.2 / 15.5

Notes:

Panel # C-242	Roll # G15G341031		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.30	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,248	Lineal Feet Trench	
Final SF	2,045		

15.5 / 14.3 / 145 143 143 145 / 14.3 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	14.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**51**	**SF**
Total Panel SF This Page	**12,312**	**SF**
Total Pay Area This Page	**12,363**	**SF**
LF In Trench Previous	304	LF
LF In Trench To Date	318	LF
SF In Trench Previous	1,062	SF
Total SF in Trench to Date	1,113	SF
Total Panel SF Previous	78,374	SF
Total Panel SF To Date	90,687	SF
Total Pay Area To Date Including Anchor Trench	**91,800**	
Initial Quantity Previous	86,437	SF
Initial Quantity This Page	13,733	SF
Initial Quantity To Date	100,170	SF

Daily Panel Placement **Page** 38

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-243	G15383220	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132	14.5
C-244	G15G201022	146.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,117	14.5
C-245	G15G111008	135.00 LF	14.50 LF	137.00 LF	15.50 LF	2,124	1,958	14.5
C-246	G15G383244	145.00 LF	14.50 LF	147.00 LF	15.50 LF	2,279	2,103	
C-247	G15G204218	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117	
C-248	G15G336423	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-249	G15G384276	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-250	G15G341030	151.00 LF	14.50 LF	154.00 LF	15.50 LF	2,387	2,190	

Material in Anchor Trench		
Total LF In Trench This Page	72.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**254**	**SF**
Total Panel SF This Page	**16,907**	**SF**
Total Pay Area This Page	**17,161**	**SF**
LF In Trench Previous	318	LF
LF In Trench To Date	391	LF
SF In Trench Previous	1,113	SF
Total SF in Trench to Date	1,367	SF
Total Panel SF Previous	90,687	SF
Total Panel SF To Date	107,594	SF
Total Pay Area To Date Including Anchor Trench	**108,960**	
Initial Quantity Previous	100,170	SF
Initial Quantity This Page	18,368	SF
Initial Quantity To Date	118,537	SF

Daily Panel Placement **Page** 39

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-251	Roll # G15G134265		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-252	Roll # G15G336422		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-253	Roll # G15G341029		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-254	Roll # G15G336429		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-255	Roll # G15G374213		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 149 146 146 149 / 14.5 / 15.5

Notes:

Panel # C-256	Roll # G15G362145		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146	14.5	

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-257	Roll # G15G382141		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132	14.5	

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Panel # C-258	Roll # G15G376312		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		

15.5 / 14.5 / 149 147 147 149 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**17,052**	**SF**
Total Pay Area This Page	**17,255**	**SF**
LF In Trench Previous	391	LF
LF In Trench To Date	449	LF
SF In Trench Previous	1,367	SF
Total SF in Trench to Date	1,570	SF
Total Panel SF Previous	107,594	SF
Total Panel SF To Date	124,646	SF
Total Pay Area To Date Including Anchor Trench	**126,215**	
Initial Quantity Previous	118,537	SF
Initial Quantity This Page	18,492	SF
Initial Quantity To Date	137,029	SF

Daily Panel Placement **Page** 40

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-259	G15G112070	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117	
C-260	G15G382130	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:

15.5 / 14.5 / 148 / 146 / 146 / 148 / 14.5 / 15.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,234**	**SF**
Total Pay Area This Page	**4,234**	**SF**
LF In Trench Previous	449	LF
LF In Trench To Date	449	LF
SF In Trench Previous	1,570	SF
Total SF in Trench to Date	1,570	SF
Total Panel SF Previous	124,646	SF
Total Panel SF To Date	128,880	SF
Total Pay Area To Date Including Anchor Trench	**130,449**	
Initial Quantity Previous	137,029	SF
Initial Quantity This Page	4,588	SF
Initial Quantity To Date	141,617	SF

Daily Panel Placement **Page** 41

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/14/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-261 Roll # G15G376298

Final Length Avg.	132.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	134.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 142 / 140 / 125 / 127 / 14.5 / 15.5

Notes:

Initial SF	2,085	Lineal Feet Trench	
Final SF	1,921		14.5

Panel # C-262 Roll # G15G376299

Final Length Avg.	116.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	118.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 127 / 125 / 107 / 109 / 14.5 / 15.5

Notes:

Initial SF	1,829	Lineal Feet Trench	
Final SF	1,682		14.5

Panel # C-263 Roll # G15G376299

Final Length Avg.	26.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	28.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 35 / 33 / 20 / 22 / 14.5 / 15.5

Notes:

Initial SF	442	Lineal Feet Trench	
Final SF	384		

Panel # C-264 Roll # G15G376294

Final Length Avg.	36.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	38.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 38 / 36 / 36 / 38 / 14.5 / 15.5

Notes:

Initial SF	589	Lineal Feet Trench	
Final SF	522		

Panel # C-265 Roll # G15G376294

Final Length Avg.	17.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	19.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 19 / 17 / 17 / 19 / 14.5 / 15.5

Notes:

Initial SF	295	Lineal Feet Trench	
Final SF	247		

Panel # C-266 Roll # G15G376294

Final Length Avg.	22.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	26.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 26 / 22 / 22 / 26 / 14.5 / 15.5

Notes:

Initial SF	403	Lineal Feet Trench	
Final SF	319		14.5

Panel # C-267 Roll # G15G376294

Final Length Avg.	46.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	48.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 48 / 46 / 46 / 48 / 14.5 / 15.5

Notes:

Initial SF	744	Lineal Feet Trench	
Final SF	667		14.5

Panel # C-268 Roll # G15G376322

Final Length Avg.	42.50	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	44.50	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 51 / 49 / 36 / 38 / 14.5 / 15.5

Notes:

Initial SF	690	Lineal Feet Trench	
Final SF	616		

Material in Anchor Trench

Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**203**	**SF**
Total Panel SF This Page	**6,358**	**SF**
Total Pay Area This Page	**6,561**	**SF**
LF In Trench Previous	449	LF
LF In Trench To Date	507	LF
SF In Trench Previous	1,570	SF
Total SF in Trench to Date	1,773	SF
Total Panel SF Previous	128,880	SF
Total Panel SF To Date	135,238	SF
Total Pay Area To Date Including Anchor Trench	**137,011**	
Initial Quantity Previous	141,617	SF
Initial Quantity This Page	7,076	SF
Initial Quantity To Date	148,693	SF

Daily Panel Placement **Page** 42

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/14/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-269	Roll # G15G376322		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
32	30	36	38
14.5			
15.5			
Notes:			
Initial SF	543	Lineal Feet Trench	
Final SF	479		

Panel # C-270	Roll # G15G376322		
Final Length Avg.	50.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	53.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
53	50	50	53
14.5			
15.5			
Notes:			
Initial SF	822	Lineal Feet Trench	
Final SF	725	14.5	

Panel # C-271	Roll # G15G376297		
Final Length Avg.	58.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	60.50	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
69	67	50	52
14.5			
15.5			
Notes:			
Initial SF	938	Lineal Feet Trench	
Final SF	848	14.5	

Panel # C-272	Roll # G15G376297		
Final Length Avg.	41.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	44.50	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
38	36	47	51
14.5			
15.5			
Notes:			
Initial SF	690	Lineal Feet Trench	
Final SF	602	14.5	

Panel # C-273	Roll # G15G376297		
Final Length Avg.	36.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	41.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
41	37	36	41
14.5			
15.5			
Notes:			
Initial SF	636	Lineal Feet Trench	
Final SF	529	14.5	

Panel # C-274	Roll # G15G376319		
Final Length Avg.	36.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	40.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
40	36	36	40
14.5			
15.5			
Notes:			
Initial SF	620	Lineal Feet Trench	
Final SF	522	14.5	

Panel # C-275	Roll # G15G376319		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	39.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
39	34	34	39
14.5			
15.5			
Notes:			
Initial SF	605	Lineal Feet Trench	
Final SF	493	50	

Panel # C-276	Roll # G15G376319		
Final Length Avg.	65.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	67.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
67	65	65	67
14.5			
15.5			
Notes:			
Initial SF	1,039	Lineal Feet Trench	
Final SF	943		

Material in Anchor Trench		
Total LF In Trench This Page	122.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**429**	**SF**
Total Panel SF This Page	**5,140**	**SF**
Total Pay Area This Page	**5,569**	**SF**
LF In Trench Previous	507	LF
LF In Trench To Date	629	LF
SF In Trench Previous	1,773	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	135,238	SF
Total Panel SF To Date	140,378	SF
Total Pay Area To Date Including Anchor Trench	**142,580**	
Initial Quantity Previous	148,693	SF
Initial Quantity This Page	5,890	SF
Initial Quantity To Date	154,583	SF

Daily Panel Placement **Page** 43

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-277	Roll # G15G375230		
Final Length Avg.	74.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,147	Lineal Feet Trench	
Final SF	1,073		

15.5 / 14.5 / 65 / 65 / 83 / 83 / 14.5 / 15.5

Notes:

Panel # C-278	Roll # G15G375230		
Final Length Avg.	68.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	71.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,101	Lineal Feet Trench	
Final SF	986		

15.5 / 14.5 / 62 / 59 / 77 / 80 / 14.5 / 15.5

Notes:

Panel # C-279	Roll # G15G376327		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	372	Lineal Feet Trench	
Final SF	348		

15.5 / 14.5 / 24 / 24 / 24 / 24 / 14.5 / 15.5

Notes:

Panel # C-280	Roll # G15G376327		
Final Length Avg.	108.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	108.50	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,682	Lineal Feet Trench	
Final SF	1,573		

15.5 / 14.5 / 99 / 99 / 118 / 118 / 14.5 / 15.5

Notes:

Panel # C-281	Roll # G15G376293		
Final Length Avg.	126.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	126.50	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,961	Lineal Feet Trench	
Final SF	1,834		

15.5 / 14.5 / 118 / 118 / 135 / 135 / 14.5 / 15.5

Notes:

Panel # C-282	Roll # G15G376293		
Final Length Avg.	21.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	305		

15.5 / 14.5 / 14 / 14 / 28 / 28 / 14.5 / 15.5

Notes:

Panel # C-283	Roll # G15G376296		
Final Length Avg.	121.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,907	Lineal Feet Trench	
Final SF	1,755		

15.5 / 14.5 / 123 / 121 / 121 / 123 / 14.5 / 15.5

Notes:

Panel # C-284	Roll # G15G376296		
Final Length Avg.	17.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	295	Lineal Feet Trench	
Final SF	247		

15.5 / 14.5 / 19 / 17 / 17 / 19 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,120**	**SF**
Total Pay Area This Page	**8,120**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	140,378	SF
Total Panel SF To Date	148,498	SF
Total Pay Area To Date Including Anchor Trench	**150,700**	
Initial Quantity Previous	154,583	SF
Initial Quantity This Page	8,789	SF
Initial Quantity To Date	163,371	SF

Daily Panel Placement **Page** 44

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

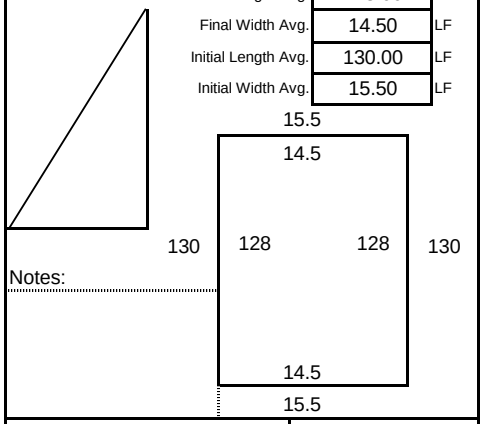
Superintendent: Ali Malimar **Material Type:** GCL

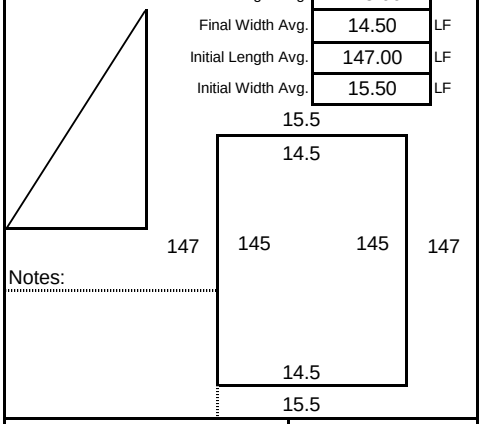
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

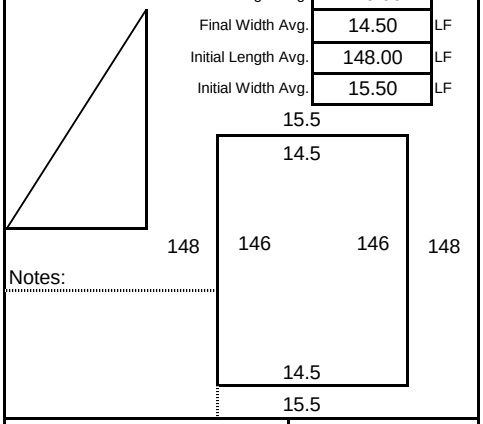
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

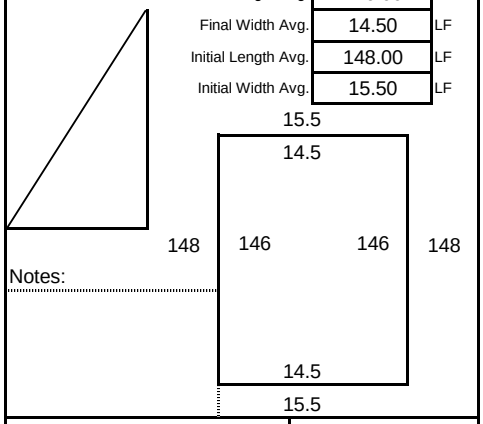
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-285	G15G376321	128.00 LF	14.50 LF	130.00 LF	15.50 LF	2,015	1,856
C-286	G15G381016	145.00 LF	14.50 LF	147.00 LF	15.50 LF	2,279	2,103
C-287	G15G376320	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-288	G15G376324	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-289	G15G376303	145.00 LF	14.50 LF	147.00 LF	15.50 LF	2,279	2,103
C-290	G15G381008	30.00 LF	14.50 LF	30.00 LF	15.50 LF	465	435
C-291	G15G381008	48.00 LF	14.50 LF	48.00 LF	15.50 LF	744	696
C-292	G15G381008	64.00 LF	14.50 LF	64.00 LF	15.50 LF	992	928

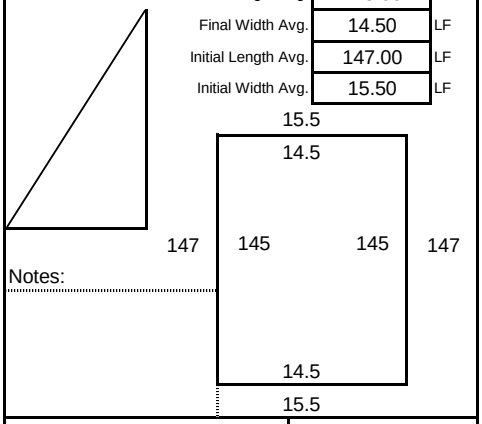
Notes:

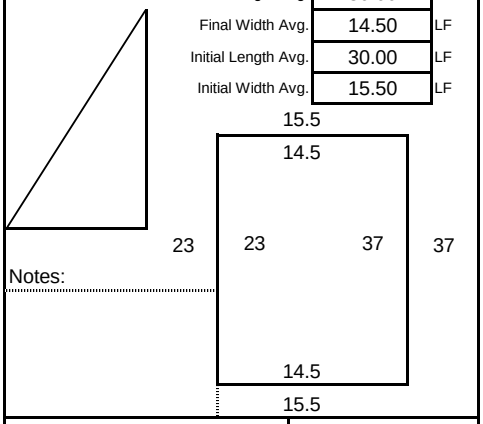


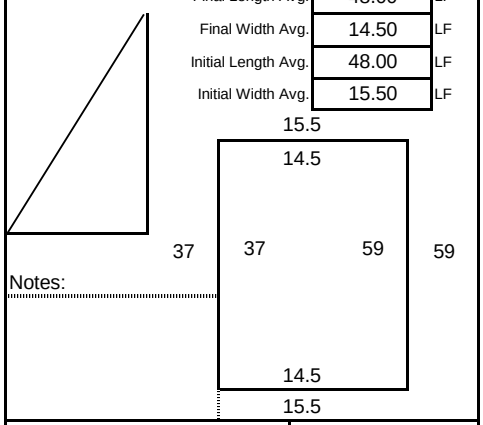


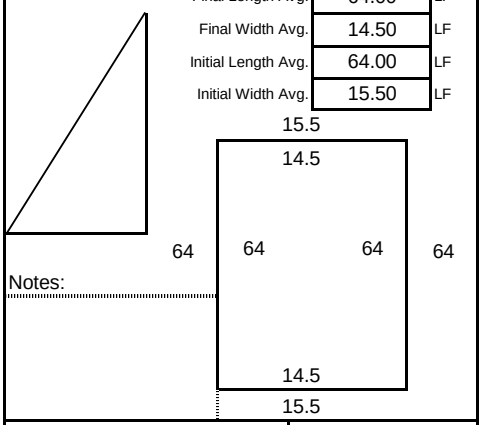












Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,354**	**SF**
Total Pay Area This Page	**12,354**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	148,498	SF
Total Panel SF To Date	160,852	SF
Total Pay Area To Date Including Anchor Trench	**163,054**	
Initial Quantity Previous	163,371	SF
Initial Quantity This Page	13,361	SF
Initial Quantity To Date	176,732	SF

Daily Panel Placement **Page** 45

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-293	G15G376304	67.00 LF	14.50 LF	68.00 LF	15.50 LF	15.5 / 14.5 / 67 / 67 / 68 / 68 / 14.5 / 15.5	1054	979	
							-	-	
							-	-	
							-	-	
							-	-	
							-	-	
							-	-	
							-	-	
							-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**-**	**SF**
Total Pay Area This Page	**-**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	160,852	SF
Total Panel SF To Date	160,852	SF
Total Pay Area To Date Including Anchor Trench	**163,054**	
Initial Quantity Previous	176,732	SF
Initial Quantity This Page	-	SF
Initial Quantity To Date	176,732	SF

Daily Panel Placement **Page** 46

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/17/16

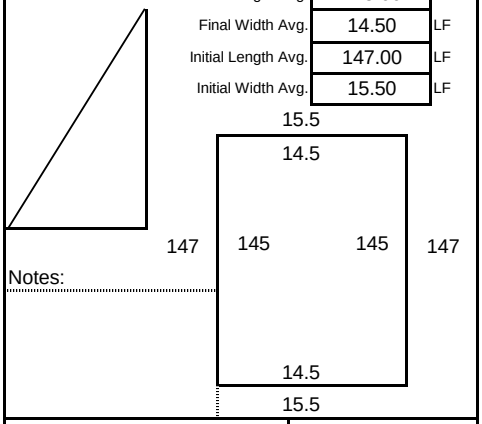
Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-294 Roll # G15G376325

Final Length Avg.	145.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	147.00	LF
Initial Width Avg.	15.50	LF

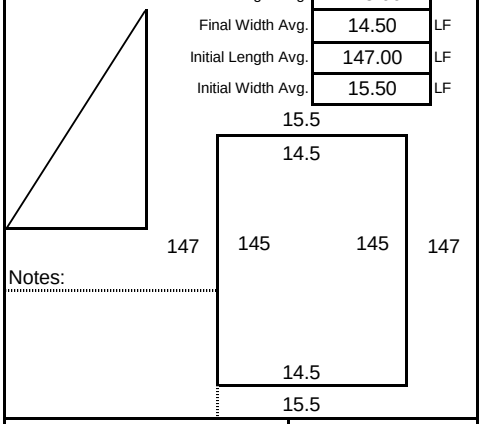


Notes:

Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-295 Roll # G15G376306

Final Length Avg.	145.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	147.00	LF
Initial Width Avg.	15.50	LF

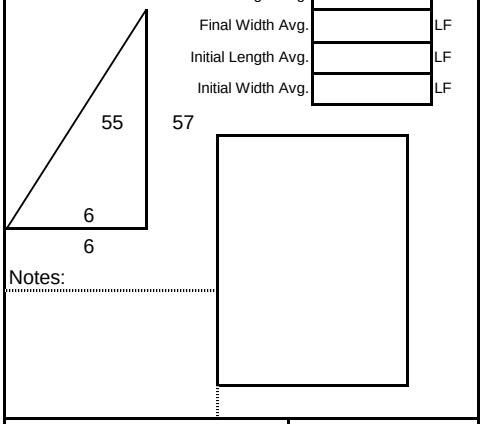


Notes:

Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-296 Roll # G15G376308

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

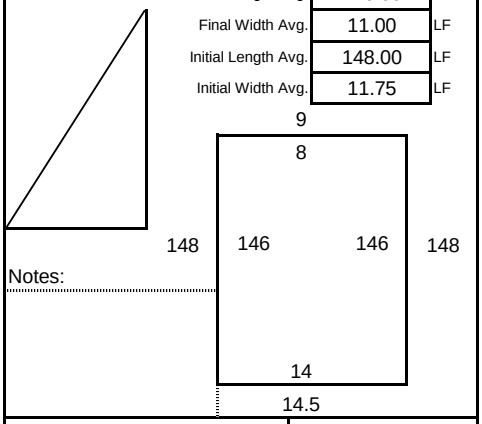


Notes:

Initial SF	171	Lineal Feet Trench	
Final SF	165		

Panel # C-297 Roll # G15G376308

Final Length Avg.	146.00	LF
Final Width Avg.	11.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	11.75	LF

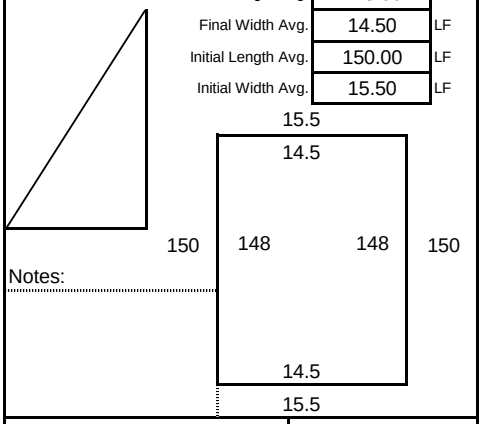


Notes:

Initial SF	1,739	Lineal Feet Trench	
Final SF	1,606		

Panel # C-298 Roll # G15G375277

Final Length Avg.	148.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	15.50	LF

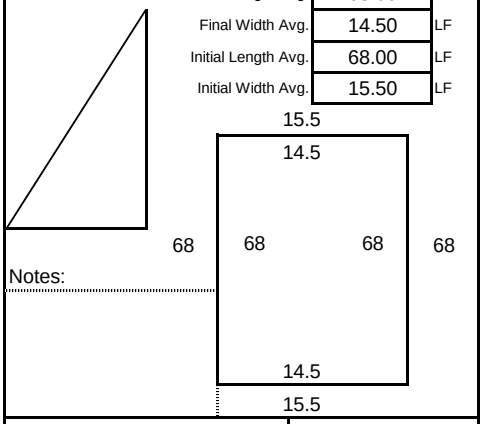


Notes:

Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-299 Roll # G15G376326

Final Length Avg.	68.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	68.00	LF
Initial Width Avg.	15.50	LF

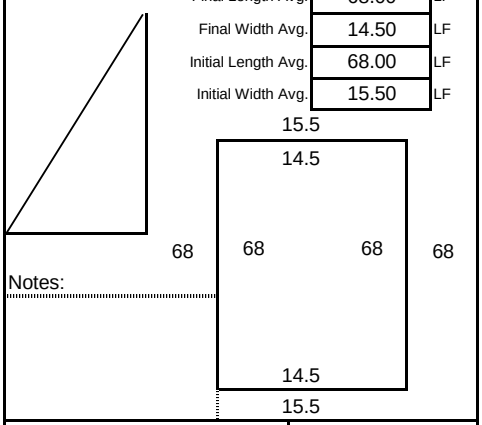


Notes:

Initial SF	1,054	Lineal Feet Trench	
Final SF	986		

Panel # C-300 Roll # G15G376326

Final Length Avg.	68.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	68.00	LF
Initial Width Avg.	15.50	LF

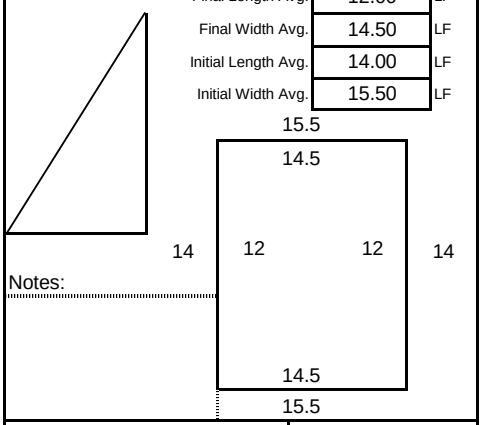


Notes:

Initial SF	1,054	Lineal Feet Trench	
Final SF	986		

Panel # C-301 Roll # G15G376326

Final Length Avg.	12.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	14.00	LF
Initial Width Avg.	15.50	LF



Notes:

Initial SF	217	Lineal Feet Trench	
Final SF	174		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,268**	**SF**
Total Pay Area This Page	**10,268**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	160,852	SF
Total Panel SF To Date	171,120	SF
Total Pay Area To Date Including Anchor Trench	**173,322**	
Initial Quantity Previous	176,732	SF
Initial Quantity This Page	11,117	SF
Initial Quantity To Date	187,849	SF

Daily Panel Placement **Page** 47

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/17/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-302	G15G376326	12.00 LF	7.00 LF	14.00 LF	7.50 LF		105	84	
C-303	G15G376308	42.00 LF	7.00 LF	42.00 LF	7.50 LF		315	294	
C-304	G15G376304	61.00 LF	14.50 LF	61.00 LF	15.50 LF		946	885	
C-305	G15G375279	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
C-306	G15G376302	63.00 LF	14.50 LF	64.00 LF	15.50 LF		992	914	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,322**	**SF**
Total Pay Area This Page	**4,322**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	171,120	SF
Total Panel SF To Date	175,442	SF
Total Pay Area To Date Including Anchor Trench	**177,644**	
Initial Quantity Previous	187,849	SF
Initial Quantity This Page	4,683	SF
Initial Quantity To Date	192,532	SF

Daily Panel Placement **Page** 48

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-307	G15G374186	15.00 LF	14.50 LF	16.00 LF	15.50 LF		248	218	
C-308	G15G374194	15.00 LF	14.50 LF	16.00 LF	15.50 LF		248	218	
C-309	G15G375233	15.00 LF	14.50 LF	16.00 LF	15.50 LF		248	218	
C-310	G15G374188	15.00 LF	9.00 LF	17.00 LF	10.00 LF		170	135	
C-311	G15G375267	15.00 LF	14.50 LF	17.00 LF	15.50 LF		264	218	
C-312	G15G376304	16.00 LF	14.50 LF	17.00 LF	15.50 LF		264	232	
C-313	G15G376322	15.00 LF	14.50 LF	15.00 LF	15.50 LF		233	218	
C-314	G15G375217	15.00 LF	14.50 LF	15.00 LF	15.50 LF		233	218	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,672**	**SF**
Total Pay Area This Page	**1,672**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	175,442	SF
Total Panel SF To Date	177,114	SF
Total Pay Area To Date Including Anchor Trench	**179,316**	
Initial Quantity Previous	192,532	SF
Initial Quantity This Page	1,906	SF
Initial Quantity To Date	194,438	SF

Daily Panel Placement

Page 49

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] Primary [ ] Secondary [ ] Cell [ ] Pond [X] Cap [ ] Other:

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-315 — Roll # G15G241064

Final Length Avg.	125.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	128.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 128 / 125 / 125 / 128 / 14.5 / 15.5

Notes:

Initial SF	1,984	Lineal Feet Trench
Final SF	1,813	

Panel # C-316 — Roll # G15G383235

Final Length Avg.	143.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	145.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 145 / 143 / 143 / 145 / 14.5 / 15.5

Notes:

Initial SF	2,248	Lineal Feet Trench
Final SF	2,074	

Panel # C-317 — Roll # G15G383240

Final Length Avg.	144.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	146.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 146 / 144 / 144 / 146 / 14.5 / 15.5

Notes:

Initial SF	2,263	Lineal Feet Trench
Final SF	2,088	

Panel # C-318 — Roll # G15G376302

Final Length Avg.	86.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	86.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 86 / 86 / 86 / 86 / 14.5 / 15.5

Notes:

Initial SF	1,333	Lineal Feet Trench
Final SF	1,247	

Panel # C-319 — Roll # G15G384246

Final Length Avg.	138.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	140.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 140 / 138 / 138 / 140 / 14.5 / 15.5

Notes:

Initial SF	2,170	Lineal Feet Trench
Final SF	2,001	

Panel # C-320 — Roll # G15G383225

Final Length Avg.	141.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	143.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 143 / 141 / 141 / 143 / 14.5 / 15.5

Notes:

Initial SF	2,217	Lineal Feet Trench
Final SF	2,045	

Panel # C-321 — Roll # G15G383242

Final Length Avg.	65.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	67.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 67 / 65 / 65 / 67 / 14.5 / 15.5

Notes:

Initial SF	1,039	Lineal Feet Trench
Final SF	943	

Panel # C-322 — Roll # G15G383242

Final Length Avg.	65.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	67.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 67 / 65 / 65 / 67 / 14.5 / 15.5

Notes:

Initial SF	1,039	Lineal Feet Trench
Final SF	943	

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**13,152**	**SF**
Total Pay Area This Page	**13,152**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	177,114	SF
Total Panel SF To Date	190,266	SF
Total Pay Area To Date Including Anchor Trench	**192,467**	
Initial Quantity Previous	194,438	SF
Initial Quantity This Page	14,291	SF
Initial Quantity To Date	208,729	SF

Daily Panel Placement **Page** 50

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-323	G15G383233	74.00 LF	14.50 LF	76.00 LF	15.50 LF	1,178	1,073
C-324	G15G383233	63.00 LF	14.50 LF	66.00 LF	15.50 LF	1,023	914
C-325	G15G375222	8.00 LF	14.50 LF	9.00 LF	15.50 LF	140	116
C-326	G15G375222	13.00 LF	14.50 LF	15.00 LF	15.50 LF	233	189
C-327	G15G383233	8.00 LF	14.50 LF	11.00 LF	15.50 LF	171	116
C-328	G15G375226	37.00 LF	14.50 LF	39.00 LF	15.50 LF	605	537
C-329	G15G375226	26.00 LF	14.50 LF	27.00 LF	15.50 LF	419	377
C-330	G15G375226	24.00 LF	13.00 LF	26.00 LF	15.50 LF	403	312

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,633**	**SF**
Total Pay Area This Page	**3,633**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	190,266	SF
Total Panel SF To Date	193,898	SF
Total Pay Area To Date Including Anchor Trench	**196,100**	
Initial Quantity Previous	208,729	SF
Initial Quantity This Page	4,170	SF
Initial Quantity To Date	212,898	SF

Daily Panel Placement **Page** 51

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-331	Roll # G15G375226		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	276		

15.5 / 14.5 / 21 19 19 21 / 14.5 / 15.5

Notes:

Panel # C-332	Roll # G15G375226		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	276		

15.5 / 14.5 / 21 19 19 21 / 14.5 / 15.5

Notes:

Panel # C-333	Roll # G15G375219		
Final Length Avg.	151.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	154.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,387	Lineal Feet Trench	
Final SF	2,190		

15.5 / 14.5 / 154 151 151 154 / 14.5 / 15.5

Notes:

Panel # C-334	Roll # G15G383205		
Final Length Avg.	142.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	144.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,232	Lineal Feet Trench	
Final SF	2,059		

15.5 / 14.5 / 144 142 142 144 / 14.5 / 15.5

Notes:

Panel # C-335	Roll # G15G383236		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-336	Roll # G15G383238		
Final Length Avg.	124.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,922	Lineal Feet Trench	
Final SF	1,798		

15.5 / 14.5 / 124 124 124 124 / 14.5 / 15.5

Notes:

Panel # C-337	Roll # G15G383238		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	403	Lineal Feet Trench	
Final SF	363		

15.5 / 14.5 / 26 25 25 26 / 14.5 / 15.5

Notes:

Panel # C-338	Roll # G15G383237		
Final Length Avg.	106.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	108.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,674	Lineal Feet Trench	
Final SF	1,537		

15.5 / 14.5 / 108 106 106 108 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,614**	**SF**
Total Pay Area This Page	**10,614**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	193,898	SF
Total Panel SF To Date	204,512	SF
Total Pay Area To Date Including Anchor Trench	**206,714**	
Initial Quantity Previous	212,898	SF
Initial Quantity This Page	11,563	SF
Initial Quantity To Date	224,461	SF

Daily Panel Placement **Page** 52

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-339	G15G383237	50.00 LF	14.50 LF	50.00 LF	15.50 LF	775	725	
C-340	G15G383245	79.00 LF	14.50 LF	81.00 LF	15.50 LF	1,256	1,146	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,871**	**SF**
Total Pay Area This Page	**1,871**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	204,512	SF
Total Panel SF To Date	206,383	SF
Total Pay Area To Date Including Anchor Trench	**208,584**	
Initial Quantity Previous	224,461	SF
Initial Quantity This Page	2,031	SF
Initial Quantity To Date	226,492	SF

Daily Panel Placement **Page** 53

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-341	G15E383245	63.00 LF	14.50 LF	65.00 LF	15.50 LF		1,008	914	
C-342	G15G375223	144.00 LF	14.00 LF	146.00 LF	15.50 LF		2,263	2,016	
C-343	G15G375235	144.00 LF	14.50 LF	146.00 LF	15.50 LF		2,263	2,088	
C-344	G15G383239	145.00 LF	14.50 LF	147.00 LF	15.50 LF		2,279	2,103	
C-345	G15G383234	142.00 LF	14.50 LF	144.00 LF	15.50 LF		2,232	2,059	
C-346	G15G383232	144.00 LF	14.50 LF	146.00 LF	15.50 LF		2,263	2,088	
C-347	G15G383241	144.00 LF	14.50 LF	146.00 LF	15.50 LF		2,263	2,088	
C-348	G15G375239	144.00 LF	14.50 LF	146.00 LF	15.50 LF		2,263	2,088	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**15,443**	**SF**
Total Pay Area This Page	**15,443**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	206,383	SF
Total Panel SF To Date	221,826	SF
Total Pay Area To Date Including Anchor Trench	**224,027**	
Initial Quantity Previous	226,492	SF
Initial Quantity This Page	16,833	SF
Initial Quantity To Date	243,325	SF

Daily Panel Placement **Page** 54

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-349	G15G376301	64.00 LF	14.50 LF	64.00 LF	15.50 LF	992	928
C-350	G15G376301	80.00 LF	14.50 LF	82.00 LF	15.50 LF	1,271	1,160
C-351	G15G376330	48.00 LF	14.50 LF	48.00 LF	15.50 LF	744	696
C-352	G15G376330	101.00 LF	14.50 LF	103.00 LF	15.50 LF	1,597	1,465
C-353	G15G375276	30.00 LF	14.50 LF	30.00 LF	15.50 LF	465	435
C-354	G15G375276	119.00 LF	14.50 LF	121.00 LF	15.50 LF	1,876	1,726
C-355	G15G381013	16.00 LF	14.50 LF	16.00 LF	15.50 LF	248	232
C-356	G15G381013	122.00 LF	14.50 LF	124.00 LF	15.50 LF	1,922	1,769

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,410**	**SF**
Total Pay Area This Page	**8,410**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	221,826	SF
Total Panel SF To Date	230,236	SF
Total Pay Area To Date Including Anchor Trench	**232,437**	
Initial Quantity Previous	243,325	SF
Initial Quantity This Page	9,114	SF
Initial Quantity To Date	252,439	SF

Daily Panel Placement **Page** 55

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-357 | **Roll #** G15G381013

Final Length Avg.	7.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	8.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 8 7 7 8 / 14.5 / 15.5

Notes:

Initial SF	124	Lineal Feet Trench	
Final SF	102		

Panel # C-358 | **Roll #** G15G376305

Final Length Avg.	123.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	123.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 123 123 123 123 / 14.5 / 15.5

Notes:

Initial SF	1,907	Lineal Feet Trench	
Final SF	1,784		

Panel # C-359 | **Roll #** G15G376305

Final Length Avg.	25.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	27.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 27 25 25 27 / 14.5 / 15.5

Notes:

Initial SF	419	Lineal Feet Trench	
Final SF	363		

Panel # C-360 | **Roll #** G15G375273

Final Length Avg.	102.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	104.00	LF
Initial Width Avg.	15.50	LF

15.5 / 14.5 / 104 102 102 104 / 14.5 / 15.5

Notes:

Initial SF	1,612	Lineal Feet Trench	
Final SF	1,479		

Panel # | **Roll #**

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # | **Roll #**

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # | **Roll #**

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,727**	**SF**
Total Pay Area This Page	**3,727**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	230,236	SF
Total Panel SF To Date	233,962	SF
Total Pay Area To Date Including Anchor Trench	**236,164**	
Initial Quantity Previous	252,439	SF
Initial Quantity This Page	4,061	SF
Initial Quantity To Date	256,500	SF

Daily Panel Placement **Page** 56

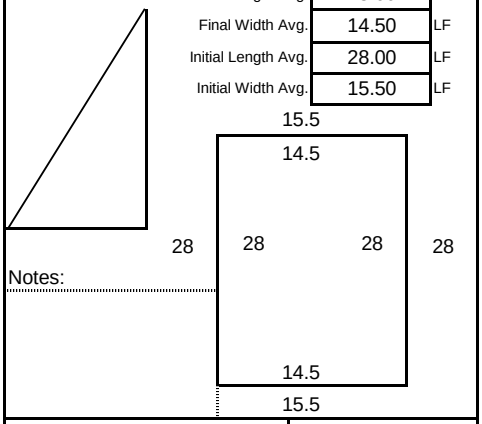
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

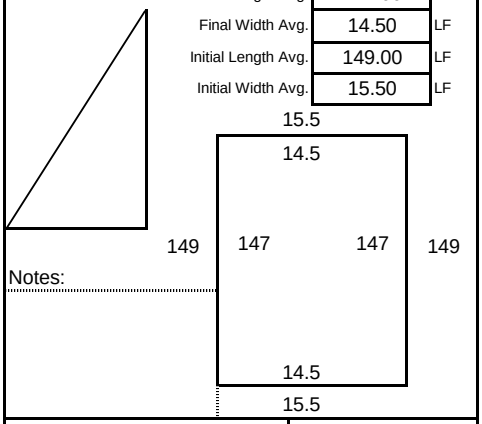
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-361	Roll # G15G375273		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	434	Lineal Feet Trench	
Final SF	406		



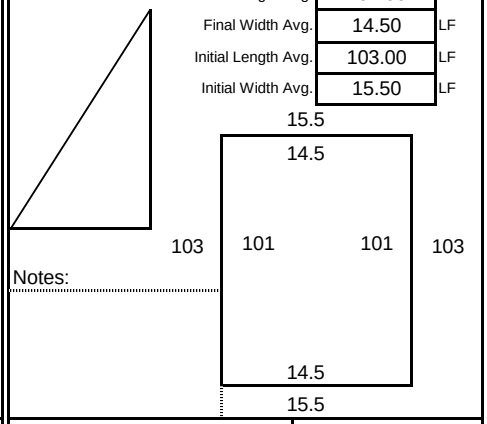
Notes:

Panel # C-362	Roll # G15G375278		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		



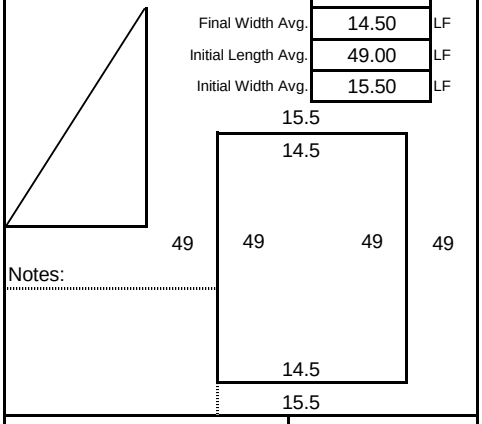
Notes:

Panel # C-363	Roll # G15G376280		
Final Length Avg.	101.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	103.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,597	Lineal Feet Trench	
Final SF	1,465		



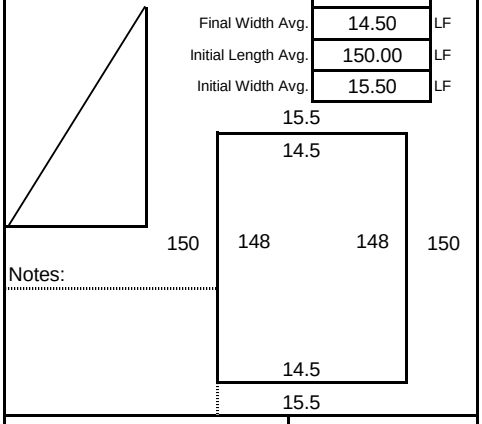
Notes:

Panel # C-364	Roll # G15G376280		
Final Length Avg.	49.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	760	Lineal Feet Trench	
Final SF	711		



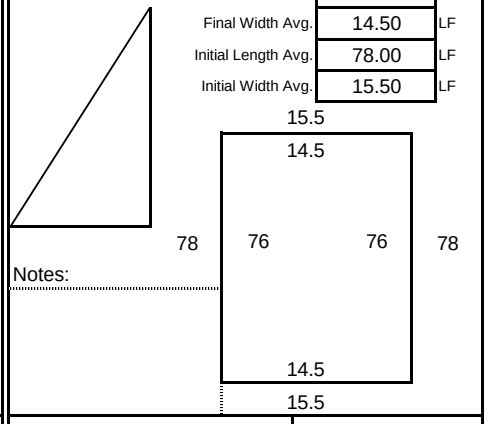
Notes:

Panel # C-365	Roll # G15G376300		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		



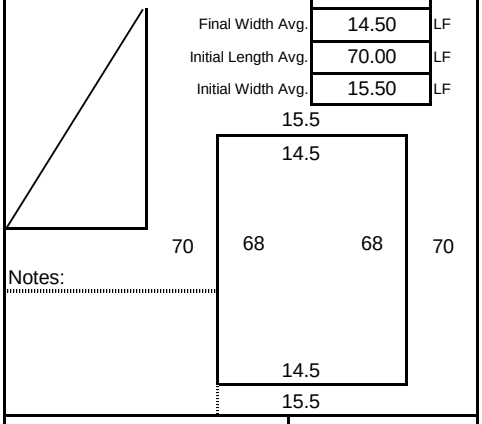
Notes:

Panel # C-366	Roll # G15G375275		
Final Length Avg.	76.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	78.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,209	Lineal Feet Trench	
Final SF	1,102		



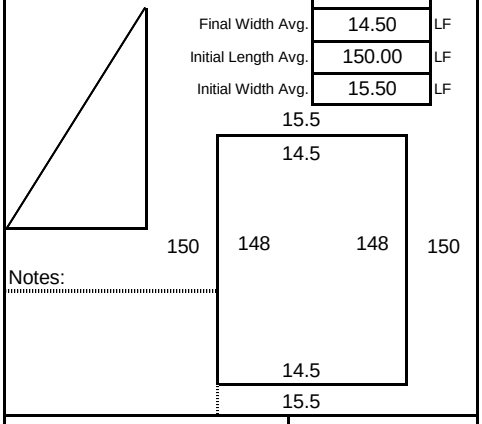
Notes:

Panel # C-367	Roll # G15G375275		
Final Length Avg.	68.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	70.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,085	Lineal Feet Trench	
Final SF	986		



Notes:

Panel # C-368	Roll # G15G375274		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**11,093**	**SF**
Total Pay Area This Page	**11,093**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	233,962	SF
Total Panel SF To Date	245,055	SF
Total Pay Area To Date Including Anchor Trench	**247,256**	
Initial Quantity Previous	256,500	SF
Initial Quantity This Page	12,044	SF
Initial Quantity To Date	268,543	SF

Daily Panel Placement **Page** 58

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-369	Roll # G15G376307		
Final Length Avg.	60.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	62.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	961	Lineal Feet Trench	
Final SF	870		

15.5 / 14.5 / 62 60 60 62 / 14.5 / 15.5

Notes:

Panel # C-370	Roll # G15G376307		
Final Length Avg.	75.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	75.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,163	Lineal Feet Trench	
Final SF	1,088		

15.5 / 14.5 / 75 75 75 75 / 14.5 / 15.5

Notes:

Panel # C-371	Roll # G15G376307		
Final Length Avg.	13.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	13.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	202	Lineal Feet Trench	
Final SF	189		

15.5 / 14.5 / 13 13 13 13 / 14.5 / 15.5

Notes:

Panel # C-372	Roll # G15G376310		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-373	Roll # G15G376291		
Final Length Avg.	50.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	52.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	806	Lineal Feet Trench	
Final SF	725		

15.5 / 14.5 / 52 50 50 52 / 14.5 / 15.5

Notes:

Panel # C-374	Roll # G15G376291		
Final Length Avg.	99.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	102.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,581	Lineal Feet Trench	
Final SF	1,436		

15.5 / 14.5 / 102 99 99 102 / 14.5 / 15.5

Notes:

Panel # C-375	Roll # G15G376289		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175		

15.5 / 14.5 / 152 150 150 152 / 14.5 / 15.5

Notes:

Panel # C-376	Roll # G15G375272		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161		

15.5 / 14.5 / 151 149 149 151 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,788**	**SF**
Total Pay Area This Page	**10,788**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	245,055	SF
Total Panel SF To Date	255,843	SF
Total Pay Area To Date Including Anchor Trench	**258,044**	
Initial Quantity Previous	268,543	SF
Initial Quantity This Page	11,734	SF
Initial Quantity To Date	280,277	SF

Daily Panel Placement **Page** 59

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-377	Roll # G15G376323		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-378	Roll # G15G375270		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161		

15.5 / 14.5 / 151 149 149 151 / 14.5 / 15.5

Notes:

Panel # C-379	Roll # G15G381011		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	140	Lineal Feet Trench	
Final SF	116		

15.5 / 14.5 / 9 8 8 9 / 14.5 / 15.5

Notes:

Panel # C-380	Roll # G15G381011		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,907	Lineal Feet Trench	
Final SF	1,784		

15.5 / 14.5 / 123 123 123 123 / 14.5 / 15.5

Notes:

Panel # C-381	Roll # G15G381011		
Final Length Avg.	16.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	17.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	264	Lineal Feet Trench	
Final SF	232		

15.5 / 14.5 / 17 16 16 17 / 14.5 / 15.5

Notes:

Panel # C-382	Roll # G15G381004		
Final Length Avg.	104.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	106.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,643	Lineal Feet Trench	
Final SF	1,508		

15.5 / 14.5 / 106 104 104 106 / 14.5 / 15.5

Notes:

Panel # C-383	Roll # G15G381004		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	744	Lineal Feet Trench	
Final SF	682		

15.5 / 14.5 / 48 47 47 48 / 14.5 / 15.5

Notes:

Panel # C-384	Roll # G15G376311		
Final Length Avg.	76.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	79.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,225	Lineal Feet Trench	
Final SF	1,102		

15.5 / 14.5 / 79 76 76 79 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,701**	**SF**
Total Pay Area This Page	**9,701**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	255,843	SF
Total Panel SF To Date	265,543	SF
Total Pay Area To Date Including Anchor Trench	**267,745**	
Initial Quantity Previous	280,277	SF
Initial Quantity This Page	10,556	SF
Initial Quantity To Date	290,832	SF

Daily Panel Placement **Page** 60

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-385	G15G376311	76.00 LF	14.50 LF	76.00 LF	15.50 LF	1,178	1,102
C-386	G15G381009	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132
C-387	G15G374180	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-388	G15G376329	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-389	G15G376335	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132
C-390	G15G375248	48.00 LF	14.50 LF	50.00 LF	15.50 LF	775	696
C-391	G15G375248	97.00 LF	14.50 LF	99.00 LF	15.50 LF	1,535	1,407
C-392	G15G381014	26.00 LF	14.50 LF	26.00 LF	15.50 LF	403	377

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,079**	**SF**
Total Pay Area This Page	**12,079**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	265,543	SF
Total Panel SF To Date	277,622	SF
Total Pay Area To Date Including Anchor Trench	**279,823**	
Initial Quantity Previous	290,832	SF
Initial Quantity This Page	13,098	SF
Initial Quantity To Date	303,930	SF

Daily Panel Placement **Page** 61

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-393	Roll # G15G381014		
Final Length Avg.	124.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,922	Lineal Feet Trench	
Final SF	1,798		

15.5 / 14.5 / 124 124 124 124 / 14.5 / 15.5

Notes:

Panel # C-394	Roll # G15G375271		
Final Length Avg.	121.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	121.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,876	Lineal Feet Trench	
Final SF	1,755		

15.5 / 14.5 / 121 121 121 121 / 14.5 / 15.5

Notes:

Panel # C-395	Roll # G15G375271		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	465	Lineal Feet Trench	
Final SF	435		

15.5 / 14.5 / 30 30 30 30 / 14.5 / 15.5

Notes:

Panel # C-396	Roll # G15G376332		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,161		

15.5 / 14.5 / 151 149 149 151 / 14.5 / 15.5

Notes:

Panel # C-397	Roll # G15G376290		
Final Length Avg.	83.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	85.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,318	Lineal Feet Trench	
Final SF	1,204		

15.5 / 14.5 / 85 83 83 85 / 14.5 / 15.5

Notes:

Panel # C-398	Roll # G15G376290		
Final Length Avg.	80.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	82.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,271	Lineal Feet Trench	
Final SF	1,160		

15.5 / 14.5 / 82 80 80 82 / 14.5 / 15.5

Notes:

Panel # C-399	Roll # G15G376333		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-400	Roll # G15G376331		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,132		

15.5 / 14.5 / 150 147 147 150 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,760**	**SF**
Total Pay Area This Page	**12,760**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	277,622	SF
Total Panel SF To Date	290,382	SF
Total Pay Area To Date Including Anchor Trench	**292,583**	
Initial Quantity Previous	303,930	SF
Initial Quantity This Page	13,811	SF
Initial Quantity To Date	317,740	SF

Daily Panel Placement **Page** 62

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-401	Roll # G15G381015		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-402	Roll # G15G381012		
Final Length Avg.	57.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	59.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	915	Lineal Feet Trench	
Final SF	827		

15.5 / 14.5 / 59 57 57 59 / 14.5 / 15.5

Notes:

Panel # C-403	Roll # G15G381012		
Final Length Avg.	92.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	95.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,473	Lineal Feet Trench	
Final SF	1,334		

15.5 / 14.5 / 95 92 92 95 / 14.5 / 15.5

Notes:

Panel # C-404	Roll # G15G381006		
Final Length Avg.	26.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	403	Lineal Feet Trench	
Final SF	377		

15.5 / 14.5 / 26 26 26 26 / 14.5 / 15.5

Notes:

Panel # C-405	Roll # G15G381006		
Final Length Avg.	105.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	105.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,628	Lineal Feet Trench	
Final SF	1,523		

15.5 / 14.5 / 105 105 105 105 / 14.5 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,206**	**SF**
Total Pay Area This Page	**6,206**	**SF**
LF In Trench Previous	629	LF
LF In Trench To Date	629	LF
SF In Trench Previous	2,202	SF
Total SF in Trench to Date	2,202	SF
Total Panel SF Previous	290,382	SF
Total Panel SF To Date	296,588	SF
Total Pay Area To Date Including Anchor Trench	**298,789**	
Initial Quantity Previous	317,740	SF
Initial Quantity This Page	6,743	SF
Initial Quantity To Date	324,483	SF

Daily Panel Placement **Page** 63

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-406	Roll # G15G381007		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
147	145	145	147
14.5			
15.5			
Notes:			
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-407	Roll # G15G376328		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
147	145	145	147
14.5			
15.5			
Notes:			
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-408	Roll # G15G375249		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-409	Roll # G15G376309		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
147	145	145	147
14.5			
15.5			
Notes:			
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

Panel # C-410	Roll # G15G381010		
Final Length Avg.	100.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	102.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
102	100	100	102
14.5			
15.5			
Notes:			
Initial SF	1,581	Lineal Feet Trench	
Final SF	1,450		

Panel # C-411	Roll # G15G381006		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
19	19	19	19
14.5			
15.5			
Notes:			
Initial SF	295	Lineal Feet Trench	
Final SF	276		

Panel # C-412	Roll # G15G381010		
Final Length Avg.	71.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	72.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
72	71	71	72
14.5			
15.5			
Notes:			
Initial SF	1,116	Lineal Feet Trench	
Final SF	1,030		

Panel # C-413	Roll # G15G374184		
Final Length Avg.	48.00	LF	
Final Width Avg.	22.50	LF	
Initial Length Avg.	50.00	LF	
Initial Width Avg.	23.00	LF	
23			
22.5			
50	48	48	50
22.5			
23			
Notes:			
Initial SF	1,150	Lineal Feet Trench	
Final SF	1,080		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,289**	**SF**
Total Pay Area This Page	**12,289**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	-	SF
Total Panel SF To Date	12,289	SF
Total Pay Area To Date Including Anchor Trench	**12,289**	
Initial Quantity Previous	-	SF
Initial Quantity This Page	13,302	SF
Initial Quantity To Date	13,302	SF

Daily Panel Placement **Page** 64

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-414	G15G374184	77.00 LF	14.50 LF	79.00 LF	15.50 LF	1,225	1,117	
C-415	G15G376334	36.00 LF	14.50 LF	36.00 LF	15.50 LF	558	522	
C-416	G15G374202	16.00 LF	14.50 LF	16.00 LF	15.50 LF	248	232	
C-417	G15G376334	102.00 LF	14.50 LF	102.00 LF	15.50 LF	1,581	1,479	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,350**	**SF**
Total Pay Area This Page	**3,350**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	12,289	SF
Total Panel SF To Date	15,638	SF
Total Pay Area To Date Including Anchor Trench	**15,638**	
Initial Quantity Previous	13,302	SF
Initial Quantity This Page	3,612	SF
Initial Quantity To Date	16,914	SF

Daily Panel Placement **Page** 65

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-418	G15G376313	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-419	G15G376336	146.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,117
C-420	G15G383160	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132
C-421	G15G382151	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-422	G15G336426	118.00 LF	14.50 LF	118.00 LF	15.50 LF	1,829	1,711
C-423	G15G336426	30.00 LF	14.50 LF	30.00 LF	15.50 LF	465	435
C-424	G15G165393	87.00 LF	14.50 LF	90.00 LF	15.50 LF	1,395	1,262
C-425	G15G165393	29.00 LF	14.50 LF	29.00 LF	15.50 LF	450	421

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,311**	**SF**
Total Pay Area This Page	**12,311**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	15,638	SF
Total Panel SF To Date	27,949	SF
Total Pay Area To Date Including Anchor Trench	**27,949**	
Initial Quantity Previous	16,914	SF
Initial Quantity This Page	13,346	SF
Initial Quantity To Date	30,259	SF

Daily Panel Placement **Page** 66

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-426	G14G442135	88.00 LF	14.50 LF	90.00 LF	15.50 LF	1,395	1,276	
C-427	G14G442135	60.00 LF	14.50 LF	60.00 LF	15.50 LF	930	870	
C-428	G15G381056	55.00 LF	14.50 LF	57.00 LF	15.50 LF	884	798	
C-429	G15G381056	92.00 LF	14.50 LF	92.00 LF	15.50 LF	1,426	1,334	
C-430	G14G063090	172.00 LF	14.50 LF	172.00 LF	15.50 LF	2,666	2,494	
C-431	G15G271042	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132	
C-432	G15G381052	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-433	G15G382153	148.00 LF	22.50 LF	150.00 LF	23.00 LF	3,450	3,330	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**14,379**	**SF**
Total Pay Area This Page	**14,379**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	27,949	SF
Total Panel SF To Date	42,328	SF
Total Pay Area To Date Including Anchor Trench	**42,328**	
Initial Quantity Previous	30,259	SF
Initial Quantity This Page	15,385	SF
Initial Quantity To Date	45,644	SF

Daily Panel Placement **Page** 67

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-434	Roll # G15G381051		
Final Length Avg.	95.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	97.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,504	Lineal Feet Trench	
Final SF	1,378		

15.5 / 14.5 / 97 / 95 / 95 / 97 / 14.5 / 15.5

Notes:

Panel # C-435	Roll # G15G381051		
Final Length Avg.	49.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	51.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	791	Lineal Feet Trench	
Final SF	711		

15.5 / 14.5 / 51 / 49 / 49 / 51 / 14.5 / 15.5

Notes:

Panel # C-436	Roll # G15G383180		
Final Length Avg.	67.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	69.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,070	Lineal Feet Trench	
Final SF	972		

15.5 / 14.5 / 69 / 67 / 67 / 69 / 14.5 / 15.5

Notes:

Panel # C-437	Roll # G15G383180		
Final Length Avg.	77.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	79.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,225	Lineal Feet Trench	
Final SF	1,117		

15.5 / 14.5 / 79 / 77 / 77 / 79 / 14.5 / 15.5

Notes:

Panel # C-438	Roll # G14G443164		
Final Length Avg.	39.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	39.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	605	Lineal Feet Trench	
Final SF	566		

15.5 / 14.5 / 39 / 39 / 39 / 39 / 14.5 / 15.5

Notes:

Panel # C-439	Roll # G14G063090		
Final Length Avg.	22.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	22.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	341	Lineal Feet Trench	
Final SF	319		

15.5 / 14.5 / 22 / 22 / 22 / 22 / 14.5 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,061**	**SF**
Total Pay Area This Page	**5,061**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	42,328	SF
Total Panel SF To Date	47,388	SF
Total Pay Area To Date Including Anchor Trench	**47,388**	
Initial Quantity Previous	45,644	SF
Initial Quantity This Page	5,534	SF
Initial Quantity To Date	51,178	SF

Daily Panel Placement **Page** 68

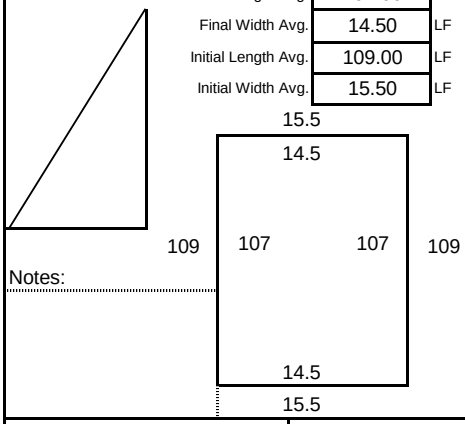
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/29/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

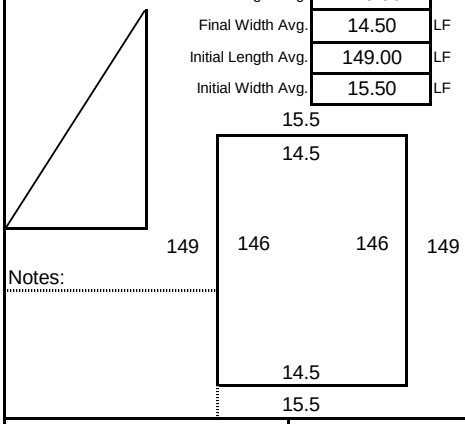
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-440	Roll # G15G443164		
Final Length Avg.	107.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	109.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,690	Lineal Feet Trench	
Final SF	1,552		



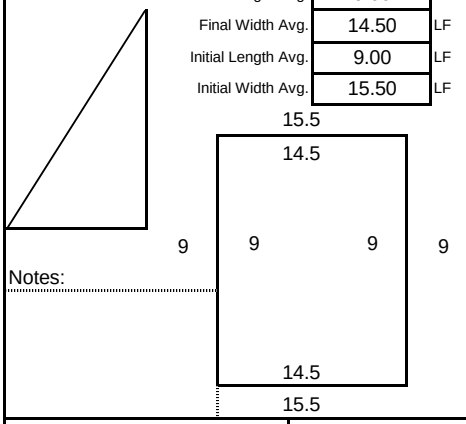
Notes:

Panel # C-441	Roll # G15G382148		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,117		



Notes:

Panel # C-442	Roll # G15G203158		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	140	Lineal Feet Trench	
Final SF	131		



Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,799**	**SF**
Total Pay Area This Page	**3,799**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	47,388	SF
Total Panel SF To Date	51,187	SF
Total Pay Area To Date Including Anchor Trench	**51,187**	
Initial Quantity Previous	51,178	SF
Initial Quantity This Page	4,139	SF
Initial Quantity To Date	55,316	SF

Daily Panel Placement **Page** 69

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/30/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-443	Roll # G15G203158		
Final Length Avg.	137.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	139.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,155	Lineal Feet Trench	
Final SF	1,987		

15.5 / 14.5 / 139 137 137 139 / 14.5 / 15.5

Notes:

Panel # C-444	Roll # G15382142		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-445	Roll # G15G383161		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

15.5 / 14.5 / 148 146 146 148 / 14.5 / 15.5

Notes:

Panel # C-446	Roll # G15G382147		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,263	Lineal Feet Trench	
Final SF	2,088		

15.5 / 14.5 / 146 144 144 146 / 14.5 / 15.5

Notes:

Panel # C-447	Roll # G15G375220		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,907	Lineal Feet Trench	
Final SF	1,784		

15.5 / 14.5 / 123 123 123 123 / 14.5 / 15.5

Notes:

Panel # C-448	Roll # G15G375220		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	295	Lineal Feet Trench	
Final SF	276		

15.5 / 14.5 / 19 19 19 19 / 14.5 / 15.5

Notes:

Panel # C-449	Roll # G15G381082		
Final Length Avg.	97.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	100.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,550	Lineal Feet Trench	
Final SF	1,407		

15.5 / 14.5 / 100 97 97 100 / 14.5 / 15.5

Notes:

Panel # C-450	Roll # G15G381082		
Final Length Avg.	48.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	744	Lineal Feet Trench	
Final SF	696		

15.5 / 14.5 / 48 48 48 48 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,470**	**SF**
Total Pay Area This Page	**12,470**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	51,187	SF
Total Panel SF To Date	63,657	SF
Total Pay Area To Date Including Anchor Trench	**63,657**	
Initial Quantity Previous	55,316	SF
Initial Quantity This Page	13,501	SF
Initial Quantity To Date	68,817	SF

Daily Panel Placement **Page** 70

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/30/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-451	G15G382146	67.00 LF	14.50 LF	67.00 LF	15.50 LF	1,039	972
C-452	G15G382146	79.00 LF	14.50 LF	81.00 LF	15.50 LF	1,256	1,146
C-453	G15G383159	43.00 LF	14.50 LF	43.00 LF	15.50 LF	667	624
C-454	G14G442133	150.00 LF	14.50 LF	152.00 LF	15.50 LF	2,356	2,175
C-455	G14G295167	119.00 LF	14.50 LF	121.00 LF	15.50 LF	1,876	1,726
C-456	G14G442126	112.00 LF	14.50 LF	112.00 LF	15.50 LF	1,736	1,624
C-457	G14G442126	42.00 LF	14.50 LF	44.00 LF	15.50 LF	682	609
C-458	G15G383159	102.00 LF	14.50 LF	104.00 LF	15.50 LF	1,612	1,479

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,353**	**SF**
Total Pay Area This Page	**10,353**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	63,657	SF
Total Panel SF To Date	74,010	SF
Total Pay Area To Date Including Anchor Trench	**74,010**	
Initial Quantity Previous	68,817	SF
Initial Quantity This Page	11,222	SF
Initial Quantity To Date	80,039	SF

Daily Panel Placement **Page** 71

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/05/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-459	G14G442134	147.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,132	
C-460	G15G383169	149.00 LF	14.50 LF	149.50 LF	15.50 LF		2,317	2,161	
C-461	G15G336428	147.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,132	
C-462	G15G384270	148.00 LF	14.50 LF	151.00 LF	15.50 LF		2,341	2,146	
C-463	G15G383179	115.00 LF	14.50 LF	115.00 LF	15.50 LF		1,783	1,668	
C-464	G15G383179	37.00 LF	14.50 LF	37.00 LF	15.50 LF		574	537	
C-465	G15G302146	78.00 LF	14.50 LF	80.00 LF	15.50 LF		1,240	1,131	
C-466	G15G302146	38.00 LF	14.50 LF	41.00 LF	15.50 LF		636	551	

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,456**	**SF**
Total Pay Area This Page	**12,456**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	74,010	SF
Total Panel SF To Date	86,466	SF
Total Pay Area To Date Including Anchor Trench	**86,466**	
Initial Quantity Previous	80,039	SF
Initial Quantity This Page	13,508	SF
Initial Quantity To Date	93,547	SF

Daily Panel Placement **Page** 72

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/05/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-467	Roll # G15G383176		
Final Length Avg.	70.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	72.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,116	Lineal Feet Trench	
Final SF	1,015		

15.5 / 14.5 / 72 70 70 72 / 14.5 / 15.5

Notes:

Panel # C-468	Roll # G15G383176		
Final Length Avg.	82.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	82.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,271	Lineal Feet Trench	
Final SF	1,189		

15.5 / 14.5 / 82 82 82 82 / 14.5 / 15.5

Notes:

Panel # C-469	Roll # G15G383185		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	233	Lineal Feet Trench	
Final SF	218		

15.5 / 14.5 / 15 15 15 15 / 14.5 / 15.5

Notes:

Panel # C-470	Roll # G15G381084		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		

15.5 / 14.5 / 147 145 145 147 / 14.5 / 15.5

Notes:

Panel # C-471	Roll # G15G383185		
Final Length Avg.	100.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	100.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,550	Lineal Feet Trench	
Final SF	1,450		

15.5 / 14.5 / 100 100 100 100 / 14.5 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,974**	**SF**
Total Pay Area This Page	**5,974**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	86,466	SF
Total Panel SF To Date	92,440	SF
Total Pay Area To Date Including Anchor Trench	**92,440**	
Initial Quantity Previous	93,547	SF
Initial Quantity This Page	6,448	SF
Initial Quantity To Date	99,995	SF

Daily Panel Placement **Page** 73

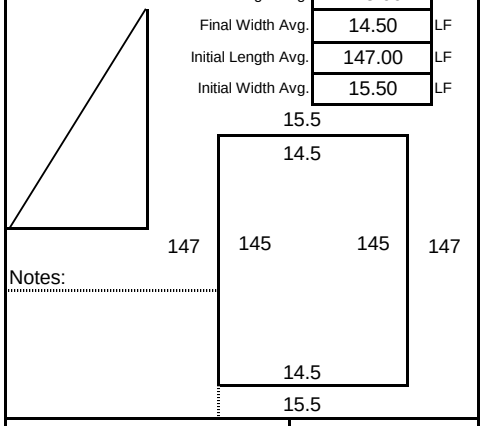
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/06/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

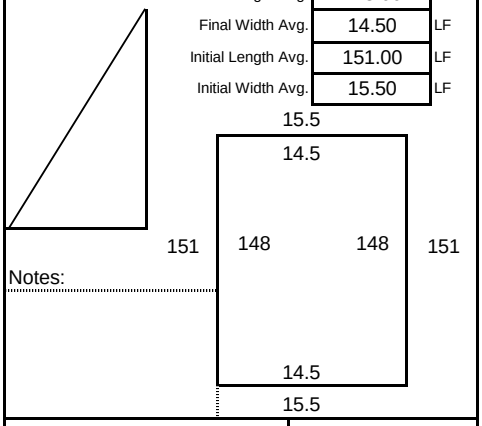
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-472	Roll # G15G383207		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,103		



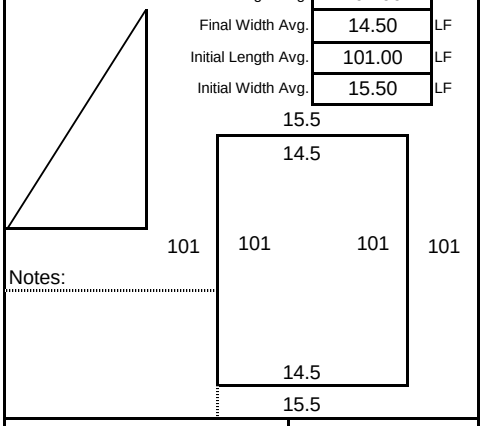
Notes:

Panel # C-473	Roll # G15G383174		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,341	Lineal Feet Trench	
Final SF	2,146		



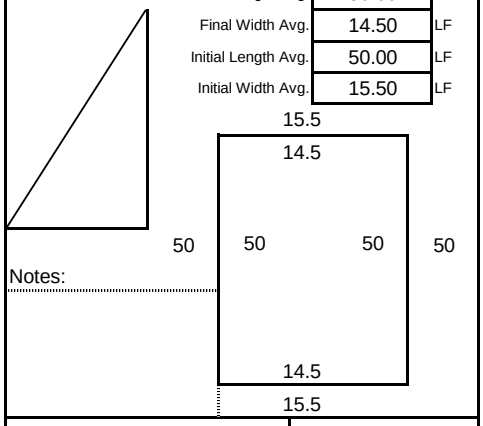
Notes:

Panel # C-474	Roll # G14G442103		
Final Length Avg.	101.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	101.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,566	Lineal Feet Trench	
Final SF	1,465		



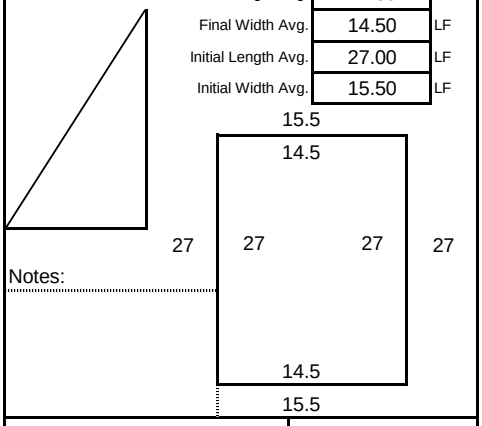
Notes:

Panel # C-475	Roll # G14G442103		
Final Length Avg.	50.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	50.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	775	Lineal Feet Trench	
Final SF	725		



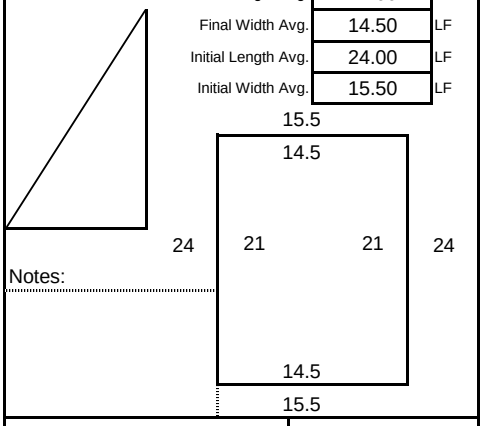
Notes:

Panel # C-476	Roll # G15G383185		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	419	Lineal Feet Trench	
Final SF	392		



Notes:

Panel # C-477	Roll # G14G325269		
Final Length Avg.	21.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	372	Lineal Feet Trench	
Final SF	305		



Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,134**	**SF**
Total Pay Area This Page	**7,134**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	92,440	SF
Total Panel SF To Date	99,574	SF
Total Pay Area To Date Including Anchor Trench	**99,574**	
Initial Quantity Previous	99,995	SF
Initial Quantity This Page	7,750	SF
Initial Quantity To Date	107,745	SF

Daily Panel Placement **Page** 74

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/08/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-478	Roll # G14G325269		
Final Length Avg.	128.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	130.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,015	Lineal Feet Trench	
Final SF	1,856		

15.5 / 14.5 / 130 128 128 130 / 14.5 / 15.5

Notes:

Panel # C-479	Roll # G15G383198		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

15.5 / 14.5 / 150 148 148 150 / 14.5 / 15.5

Notes:

Panel # C-480	Roll # G15G383177		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,161		

15.5 / 14.5 / 152 149 149 152 / 14.5 / 15.5

Notes:

Panel # C-481	Roll # G15G383178		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175		

15.5 / 14.5 / 152 150 150 152 / 14.5 / 15.5

Notes:

Panel # C-482	Roll # G15G383187		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,356	Lineal Feet Trench	
Final SF	2,175		

15.5 / 14.5 / 152 150 150 152 / 14.5 / 15.5

Notes:

Panel # C-483	Roll # G15G375241		
Final Length Avg.	86.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	88.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,364	Lineal Feet Trench	
Final SF	1,247		

15.5 / 14.5 / 88 86 86 88 / 14.5 / 15.5

Notes:

Panel # C-484	Roll # G15G374191		
Final Length Avg.	150.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	153.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,372	Lineal Feet Trench	
Final SF	2,175		

15.5 / 14.5 / 153 150 150 153 / 14.5 / 15.5

Notes:

Panel # C-485	Roll # G15G336421		
Final Length Avg.	89.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,426	Lineal Feet Trench	
Final SF	1,291		

15.5 / 14.5 / 92 89 89 92 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**15,225**	**SF**
Total Pay Area This Page	**15,225**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	99,574	SF
Total Panel SF To Date	114,799	SF
Total Pay Area To Date Including Anchor Trench	**114,799**	
Initial Quantity Previous	107,745	SF
Initial Quantity This Page	16,570	SF
Initial Quantity To Date	124,314	SF

Daily Panel Placement **Page** 75

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/08/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-486	Roll # G15G245194		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	403	Lineal Feet Trench	
Final SF	363		

15.5 / 14.5 / 26 / 25 / 25 / 26 / 14.5 / 15.5

Notes:

Panel # C-487	Roll # G15G245194		
Final Length Avg.	98.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	100.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,550	Lineal Feet Trench	
Final SF	1,421		

15.5 / 14.5 / 100 / 98 / 98 / 100 / 14.5 / 15.5

Notes:

Panel # C-488	Roll # G15G245194		
Final Length Avg.	20.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	22.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	341	Lineal Feet Trench	
Final SF	290		

15.5 / 14.5 / 22 / 20 / 20 / 22 / 14.5 / 15.5

Notes:

Panel # C-489	Roll # G14G143095		
Final Length Avg.	76.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	78.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,209	Lineal Feet Trench	
Final SF	1,102		

15.5 / 14.5 / 78 / 76 / 76 / 78 / 14.5 / 15.5

Notes:

Panel # C-490	Roll # G14G143095		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	667	Lineal Feet Trench	
Final SF	595		

15.5 / 14.5 / 43 / 41 / 41 / 43 / 14.5 / 15.5

Notes:

Panel # C-491	Roll # G15G381026		
Final Length Avg.	43.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	46.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	713	Lineal Feet Trench	
Final SF	624		

15.5 / 14.5 / 46 / 43 / 43 / 46 / 14.5 / 15.5

Notes:

Panel # C-492	Roll # G15G381026		
Final Length Avg.	92.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	94.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,457	Lineal Feet Trench	
Final SF	1,334		

15.5 / 14.5 / 94 / 92 / 92 / 94 / 14.5 / 15.5

Notes:

Panel # C-493	Roll # G15G381028		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	186	Lineal Feet Trench	
Final SF	131		

15.5 / 14.5 / 12 / 9 / 9 / 12 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,858**	**SF**
Total Pay Area This Page	**5,858**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	114,799	SF
Total Panel SF To Date	120,657	SF
Total Pay Area To Date Including Anchor Trench	**120,657**	
Initial Quantity Previous	124,314	SF
Initial Quantity This Page	6,526	SF
Initial Quantity To Date	130,840	SF

Daily Panel Placement **Page** 76

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-494	G15G381028	135.00 LF	14.50 LF	137.00 LF	15.50 LF		2,124	1,958	
C-495	G15G381023	145.00 LF	14.50 LF	146.50 LF	15.50 LF		2,271	2,103	
C-496	G15G381024	146.00 LF	14.50 LF	148.00 LF	15.50 LF		2,294	2,117	
C-497	G15G381027	146.00 LF	14.50 LF	148.00 LF	15.50 LF		2,294	2,117	
C-498	G15G381022	146.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,117	
C-499	G15G383181	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
C-500	G15G381067	112.00 LF	14.50 LF	112.00 LF	15.50 LF		1,736	1,624	
C-501	G15G381067	35.00 LF	14.50 LF	35.00 LF	15.50 LF		543	508	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**14,689**	**SF**
Total Pay Area This Page	**14,689**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	120,657	SF
Total Panel SF To Date	135,345	SF
Total Pay Area To Date Including Anchor Trench	**135,345**	
Initial Quantity Previous	130,840	SF
Initial Quantity This Page	15,895	SF
Initial Quantity To Date	146,735	SF

Daily Panel Placement **Page** 77

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

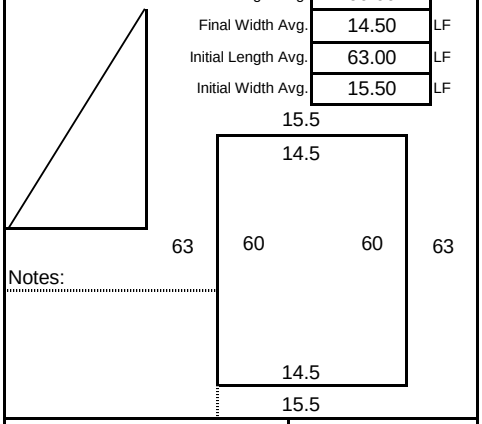
Superintendent: Ali Malimar **Material Type:** GCL

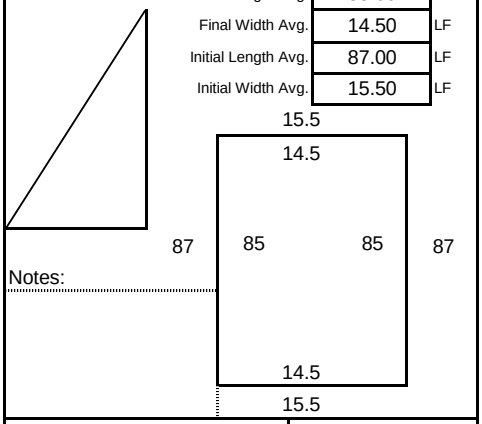
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

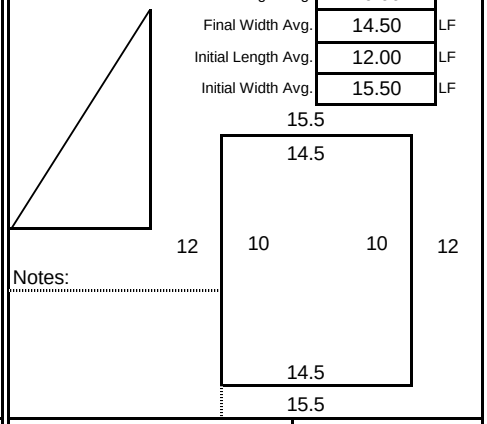
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

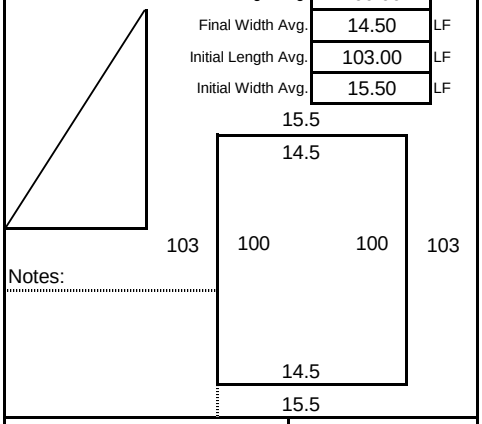
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-502	G15G381036	60.00 LF	14.50 LF	63.00 LF	15.50 LF	977	870
C-503	G15G381036	85.00 LF	14.50 LF	87.00 LF	15.50 LF	1,349	1,233
C-504	G15G382113	10.00 LF	14.50 LF	12.00 LF	15.50 LF	186	145
C-505	G15G382113	100.00 LF	14.50 LF	103.00 LF	15.50 LF	1,597	1,450
C-506	G15G382113	31.00 LF	14.50 LF	31.00 LF	15.50 LF	481	450
C-507	G15G381066	65.00 LF	14.50 LF	67.00 LF	15.50 LF	1,039	943
C-508	G15G381066	73.00 LF	14.50 LF	76.00 LF	15.50 LF	1,178	1,059
C-509	G15G381080	22.00 LF	14.50 LF	23.00 LF	15.50 LF	357	319

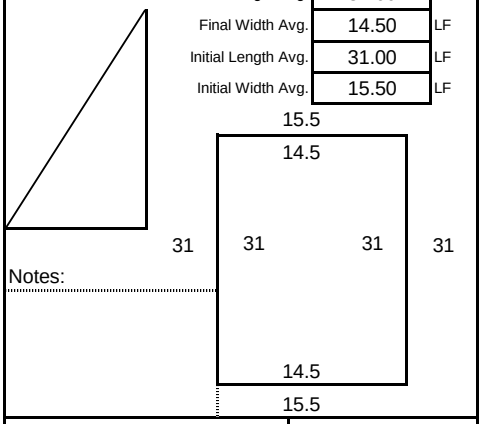
Notes:

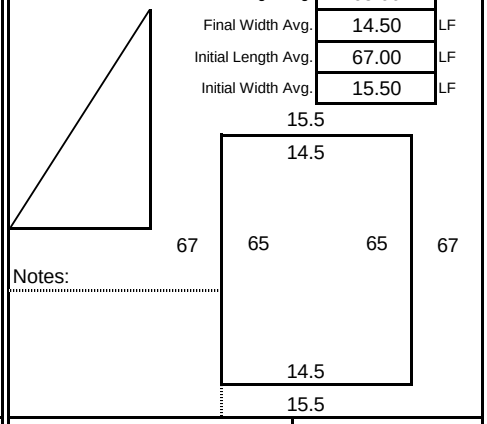


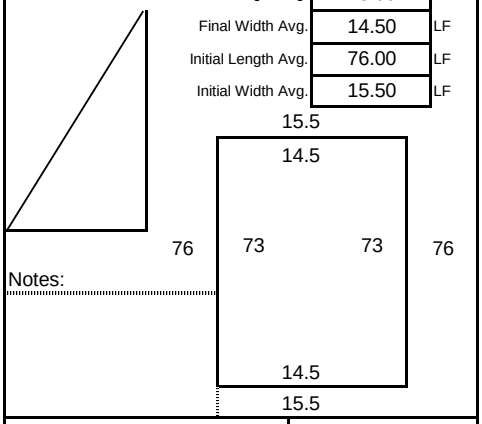


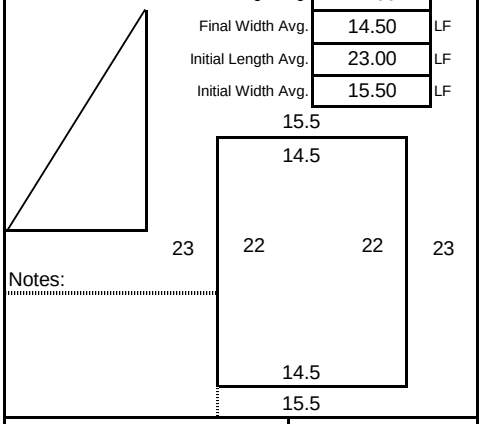












Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,467**	**SF**
Total Pay Area This Page	**6,467**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	135,345	SF
Total Panel SF To Date	141,812	SF
Total Pay Area To Date Including Anchor Trench	**141,812**	
Initial Quantity Previous	146,735	SF
Initial Quantity This Page	7,161	SF
Initial Quantity To Date	153,896	SF

Daily Panel Placement **Page** 78

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-510	G15G381080	117.00 LF	14.50 LF	119.00 LF	15.50 LF	1,845	1,697
C-511	G15G381071	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146
C-512	G15G381021	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146
C-513	G15G381049	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132
C-514	G15G381025	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146
C-515	G15G382114	145.00 LF	14.50 LF	147.00 LF	15.50 LF	2,279	2,103
C-516	G15G381003	121.00 LF	14.50 LF	124.00 LF	15.50 LF	1,922	1,755
C-517	G15G381003	25.00 LF	14.50 LF	28.00 LF	15.50 LF	434	363

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**14,486**	**SF**
Total Pay Area This Page	**14,486**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	141,812	SF
Total Panel SF To Date	156,298	SF
Total Pay Area To Date Including Anchor Trench	**156,298**	
Initial Quantity Previous	153,896	SF
Initial Quantity This Page	15,764	SF
Initial Quantity To Date	169,660	SF

Daily Panel Placement **Page** 79

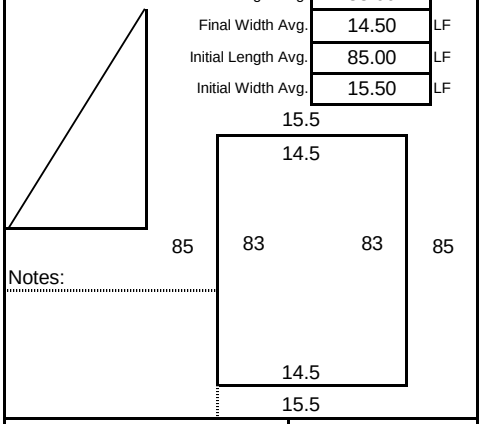
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

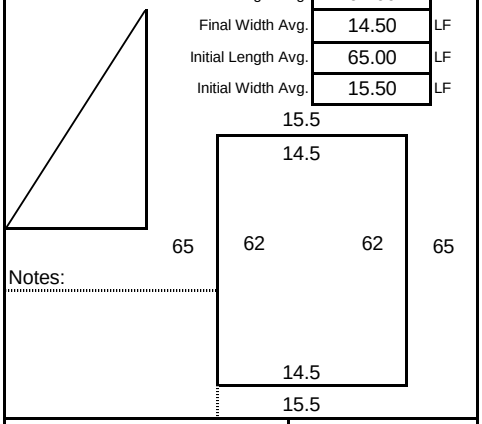
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-518	Roll # G15G381030		
Final Length Avg.	83.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	85.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,318	Lineal Feet Trench	
Final SF	1,204		



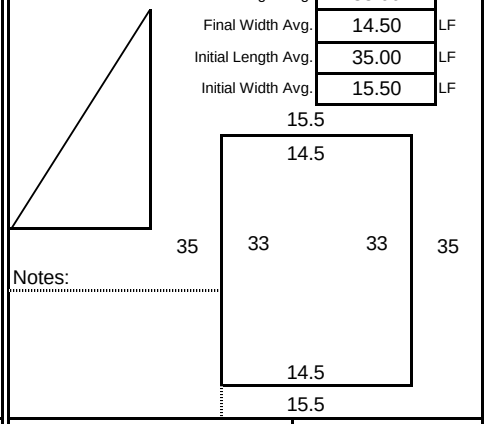
Notes:

Panel # C-519	Roll # G15G381030		
Final Length Avg.	62.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,008	Lineal Feet Trench	
Final SF	899		



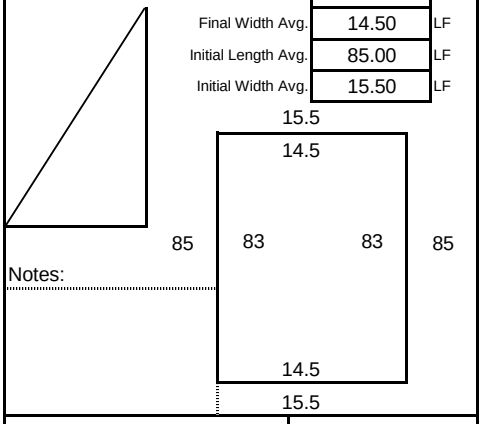
Notes:

Panel # C-520	Roll # G15G381005		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	543	Lineal Feet Trench	
Final SF	479		



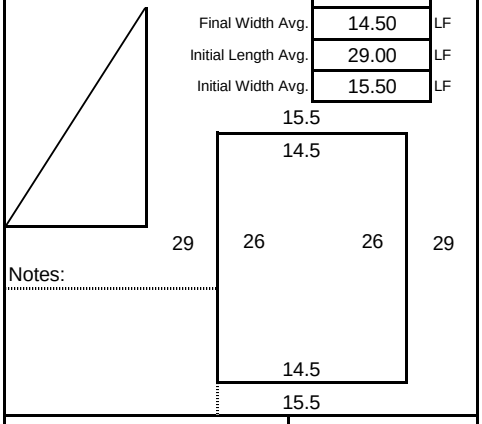
Notes:

Panel # C-521	Roll # G15G381005		
Final Length Avg.	83.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	85.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,318	Lineal Feet Trench	
Final SF	1,204		



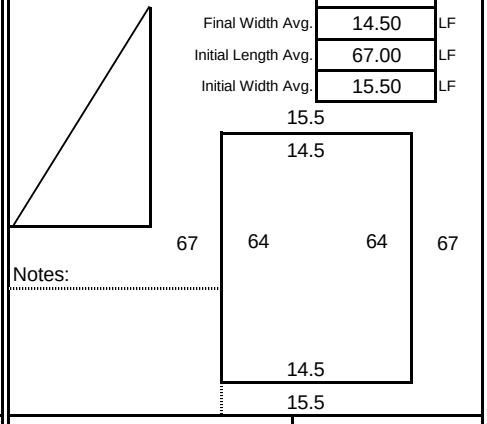
Notes:

Panel # C-522	Roll # G15G381005		
Final Length Avg.	26.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	450	Lineal Feet Trench	
Final SF	377		



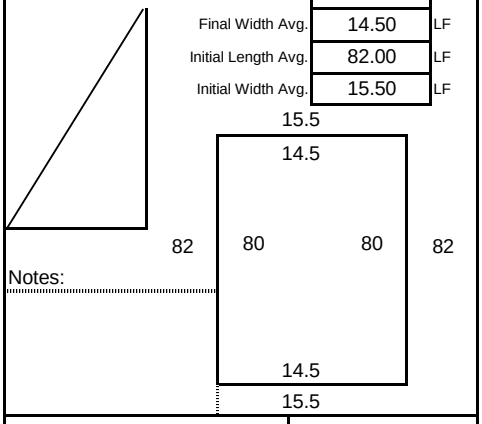
Notes:

Panel # C-523	Roll # G15G381076		
Final Length Avg.	64.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	67.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,039	Lineal Feet Trench	
Final SF	928		



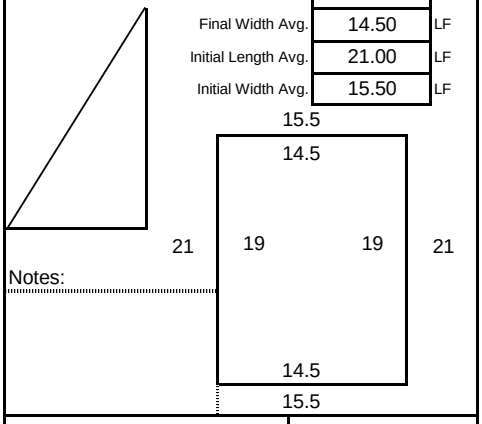
Notes:

Panel # C-524	Roll # G15G381076		
Final Length Avg.	80.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	82.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,271	Lineal Feet Trench	
Final SF	1,160		



Notes:

Panel # C-525	Roll # G15G383188		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	276		



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,525**	**SF**
Total Pay Area This Page	**6,525**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	156,298	SF
Total Panel SF To Date	162,823	SF
Total Pay Area To Date Including Anchor Trench	**162,823**	
Initial Quantity Previous	169,660	SF
Initial Quantity This Page	7,270	SF
Initial Quantity To Date	176,929	SF

Daily Panel Placement **Page** 80

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-526	G15G383188	130.00 LF	14.50 LF	132.00 LF	15.50 LF	2,046	1,885
C-527	G14044055	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146
C-528	G14G111021	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146
C-529	G15G383184	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117
C-530	G14G294160	112.00 LF	14.50 LF	115.00 LF	15.50 LF	1,783	1,624
C-531	G15G241063	147.00 LF	14.50 LF	149.00 LF	15.50 LF	2,310	2,132
C-532	G15G383168	116.00 LF	14.50 LF	118.00 LF	15.50 LF	1,829	1,682
C-533	G15G383168	30.00 LF	14.50 LF	33.00 LF	15.50 LF	512	435

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**14,167**	**SF**
Total Pay Area This Page	**14,167**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	162,823	SF
Total Panel SF To Date	176,989	SF
Total Pay Area To Date Including Anchor Trench	**176,989**	
Initial Quantity Previous	176,929	SF
Initial Quantity This Page	15,423	SF
Initial Quantity To Date	192,352	SF

Daily Panel Placement **Page** 81

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-534	Roll # G15G383175		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
74	72	72	74
14.5			
15.5			
Notes:			
Initial SF	1,147	Lineal Feet Trench	
Final SF	1,044		

Panel # C-535	Roll # G15G383175		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	75.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
75	72	72	75
14.5			
15.5			
Notes:			
Initial SF	1,163	Lineal Feet Trench	
Final SF	1,044		

Panel # C-536	Roll # G14G052014		
Final Length Avg.	79.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	81.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
81	79	79	81
14.5			
15.5			
Notes:			
Initial SF	1,256	Lineal Feet Trench	
Final SF	1,146		

Panel # C-537	Roll # G14G052014		
Final Length Avg.	68.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	70.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
70	68	68	70
14.5			
15.5			
Notes:			
Initial SF	1,085	Lineal Feet Trench	
Final SF	986		

Panel # C-538	Roll # G14G084076		
Final Length Avg.	66.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	68.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
68	66	66	68
14.5			
15.5			
Notes:			
Initial SF	1,054	Lineal Feet Trench	
Final SF	957		

Panel # C-539	Roll # G14G084076		
Final Length Avg.	69.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	71.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
71	69	69	71
14.5			
15.5			
Notes:			
Initial SF	1,101	Lineal Feet Trench	
Final SF	1,001		

Panel # C-540	Roll # G15G384273		
Final Length Avg.	115.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	117.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
117	115	115	117
14.5			
15.5			
Notes:			
Initial SF	1,814	Lineal Feet Trench	
Final SF	1,668		

Panel # C-541	Roll # G15G384273		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
32	30	30	32
14.5			
15.5			
Notes:			
Initial SF	496	Lineal Feet Trench	
Final SF	435		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,280**	**SF**
Total Pay Area This Page	**8,280**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	176,989	SF
Total Panel SF To Date	185,269	SF
Total Pay Area To Date Including Anchor Trench	**185,269**	
Initial Quantity Previous	192,352	SF
Initial Quantity This Page	9,114	SF
Initial Quantity To Date	201,466	SF

Daily Panel Placement **Page** 82

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

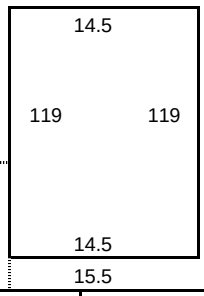
Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-542	G115G383186	119.00 LF	14.50 LF	121.00 LF	15.50 LF	1,876	1,726	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:



Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,726**	**SF**
Total Pay Area This Page	**1,726**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	185,269	SF
Total Panel SF To Date	186,994	SF
Total Pay Area To Date Including Anchor Trench	**186,994**	
Initial Quantity Previous	201,466	SF
Initial Quantity This Page	1,876	SF
Initial Quantity To Date	203,341	SF

Daily Panel Placement **Page** 83

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/14/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-543	G15G384272	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-544	G15G382100	146.00 LF	14.50 LF	148.00 LF	15.50 LF	2,294	2,117	
C-545	G15G382103	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-546	G15G383182	150.00 LF	14.50 LF	152.00 LF	15.50 LF	2,356	2,175	
C-547	G15G381029	141.00 LF	14.50 LF	143.00 LF	15.50 LF	2,217	2,045	
C-548	G15G383173	145.00 LF	14.50 LF	147.00 LF	15.50 LF	2,279	2,103	
C-549	G15G382110	149.00 LF	14.50 LF	151.00 LF	15.50 LF	2,341	2,161	
C-550	G15G382107	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**17,038**	**SF**
Total Pay Area This Page	**17,038**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	186,994	SF
Total Panel SF To Date	204,032	SF
Total Pay Area To Date Including Anchor Trench	**204,032**	
Initial Quantity Previous	203,341	SF
Initial Quantity This Page	18,461	SF
Initial Quantity To Date	221,802	SF

Daily Panel Placement **Page** 84

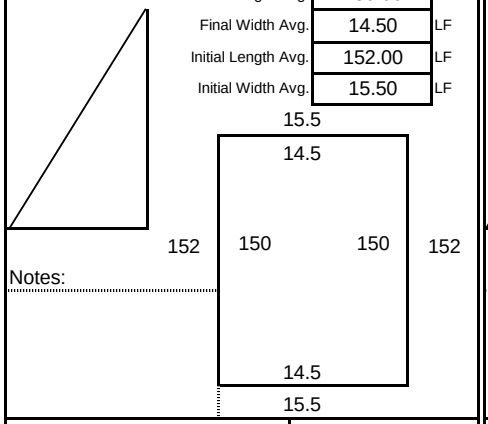
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/14/16

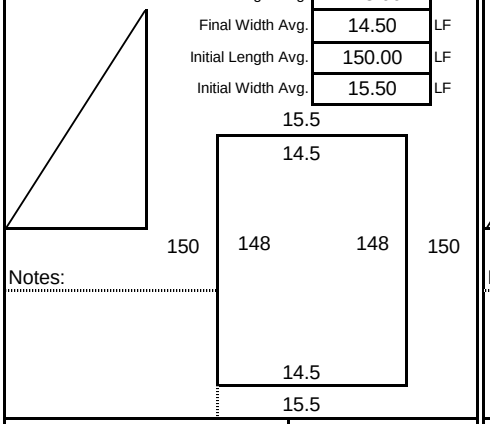
Superintendent: Ali Malimar **Material Type:** GCL

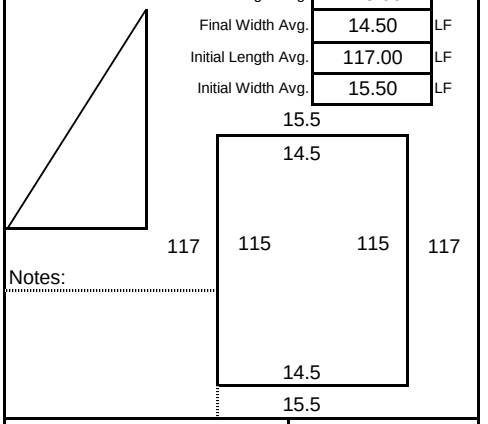
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

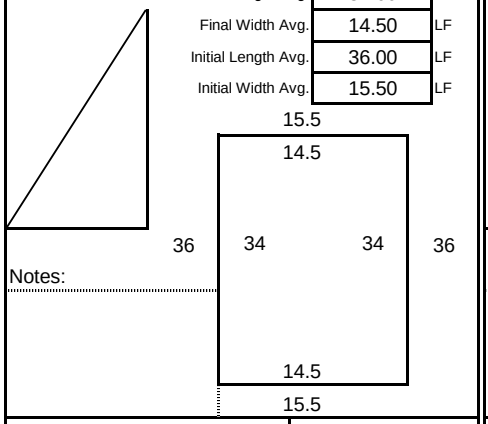
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

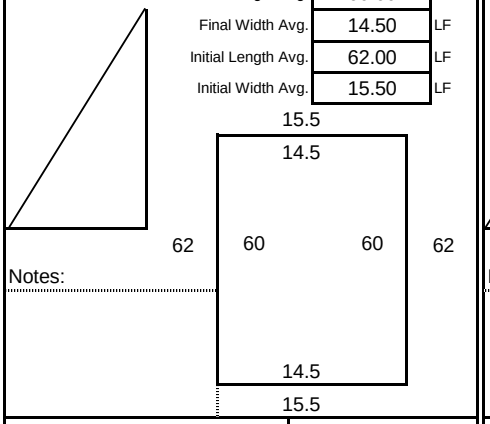
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-551	G15G382087	150.00 LF	14.50 LF	152.00 LF	15.50 LF	2,356	2,175	
C-552	G15G382098	148.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,146	
C-553	G15G383172	115.00 LF	14.50 LF	117.00 LF	15.50 LF	1,814	1,668	
C-554	G15G383172	34.00 LF	14.50 LF	36.00 LF	15.50 LF	558	493	
C-555	G15G382109	60.00 LF	14.50 LF	62.00 LF	15.50 LF	961	870	
						-	-	
						-	-	
						-	-	











Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,352**	**SF**
Total Pay Area This Page	**7,352**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	204,032	SF
Total Panel SF To Date	211,383	SF
Total Pay Area To Date Including Anchor Trench	**211,383**	
Initial Quantity Previous	221,802	SF
Initial Quantity This Page	8,014	SF
Initial Quantity To Date	229,815	SF

Daily Panel Placement **Page** 85

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-556	Roll # G15E382112		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
148	146	146	148
14.5			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

Panel # C-557	Roll # G15G382101		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-558	Roll # G15G382101		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
150	148	148	150
14.5			
15.5			
Notes:			
Initial SF	2,325	Lineal Feet Trench	
Final SF	2,146		

Panel # C-559	Roll # G15G382109		
Final Length Avg.	62.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	64.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
64	62	62	64
14.5			
15.5			
Notes:			
Initial SF	992	Lineal Feet Trench	
Final SF	899		

Panel # C-560	Roll # G15G382109		
Final Length Avg.	17.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
19	17	17	19
14.5			
15.5			
Notes:			
Initial SF	295	Lineal Feet Trench	
Final SF	247		

Panel # C-561	Roll # G15G382111		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
148	146	146	148
14.5			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

Panel # C-562	Roll # G15G382093		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	146	146	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,117		

Panel # C-563	Roll # G15G382090		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	147	147	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**13,920**	**SF**
Total Pay Area This Page	**13,920**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	211,383	SF
Total Panel SF To Date	225,303	SF
Total Pay Area To Date Including Anchor Trench	**225,303**	
Initial Quantity Previous	229,815	SF
Initial Quantity This Page	15,144	SF
Initial Quantity To Date	244,959	SF

Daily Panel Placement **Page** 86

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-564	Roll # G15G383165		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
149	147	147	149
14.5			
15.5			
Notes:			
Initial SF	2,310	Lineal Feet Trench	
Final SF	2,132		

Panel # C-565	Roll # G15G381078		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
148	146	146	148
14.5			
15.5			
Notes:			
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117		

Panel # C-566	Roll # G15G381044		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
35	33	33	35
14.5			
15.5			
Notes:			
Initial SF	543	Lineal Feet Trench	
Final SF	479		

Panel # C-567	Roll # G15G381044		
Final Length Avg.	62.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	64.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
64	62	62	64
14.5			
15.5			
Notes:			
Initial SF	992	Lineal Feet Trench	
Final SF	899		

Panel # C-568	Roll # G15G381044		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
49	47	47	49
14.5			
15.5			
Notes:			
Initial SF	760	Lineal Feet Trench	
Final SF	682		

Panel # C-569	Roll # G15G383183		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
29	27	27	29
14.5			
15.5			
Notes:			
Initial SF	450	Lineal Feet Trench	
Final SF	392		

Panel # C-570	Roll # G15G383183		
Final Length Avg.	70.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	72.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
72	70	70	72
14.5			
15.5			
Notes:			
Initial SF	1,116	Lineal Feet Trench	
Final SF	1,015		

Panel # C-571	Roll # G15G383183		
Final Length Avg.	40.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	42.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
42	40	40	42
14.5			
15.5			
Notes:			
Initial SF	651	Lineal Feet Trench	
Final SF	580		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,294**	**SF**
Total Pay Area This Page	**8,294**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	225,303	SF
Total Panel SF To Date	233,597	SF
Total Pay Area To Date Including Anchor Trench	**233,597**	
Initial Quantity Previous	244,959	SF
Initial Quantity This Page	9,114	SF
Initial Quantity To Date	254,073	SF

Daily Panel Placement **Page** 87

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-572	Roll # G15G382099		
Final Length Avg.	18.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	20.00	LF	
Initial Width Avg.	15.50	LF	

15.5 / 14.5 / 20 18 18 20 / 14.5 / 15.5

Notes:

Initial SF	310	Lineal Feet Trench	
Final SF	261		

Panel # C-573	Roll # G15G382099		
Final Length Avg.	54.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	56.00	LF	
Initial Width Avg.	15.50	LF	

15.5 / 14.5 / 56 54 54 56 / 14.5 / 15.5

Notes:

Initial SF	868	Lineal Feet Trench	
Final SF	783		

Panel # C-574	Roll # G15G382099		
Final Length Avg.	45.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	47.00	LF	
Initial Width Avg.	15.50	LF	

15.5 / 14.5 / 47 45 45 47 / 14.5 / 15.5

Notes:

Initial SF	729	Lineal Feet Trench	
Final SF	653		

Panel # C-575	Roll # G15G382099		
Final Length Avg.	23.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	15.50	LF	

15.5 / 14.5 / 25 23 23 25 / 14.5 / 15.5

Notes:

Initial SF	388	Lineal Feet Trench	
Final SF	334		

Panel # C-576	Roll # G15G381075		
Final Length Avg.	17.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	

15.5 / 14.5 / 19 17 17 19 / 14.5 / 15.5

Notes:

Initial SF	295	Lineal Feet Trench	
Final SF	247		

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,277**	**SF**
Total Pay Area This Page	**2,277**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	233,597	SF
Total Panel SF To Date	235,874	SF
Total Pay Area To Date Including Anchor Trench	**235,874**	
Initial Quantity Previous	254,073	SF
Initial Quantity This Page	2,589	SF
Initial Quantity To Date	256,661	SF

Daily Panel Placement **Page** 88

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

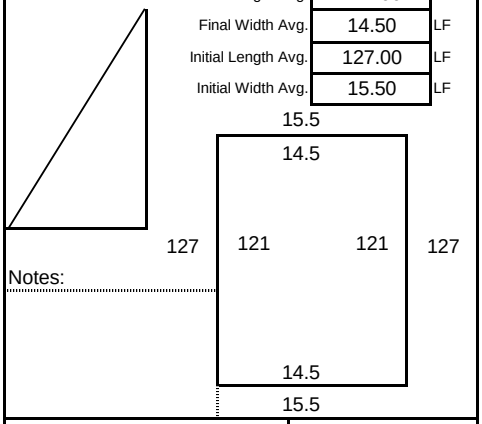
Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-577 Roll # G15G381075

Final Length Avg.	121.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	127.00	LF
Initial Width Avg.	15.50	LF

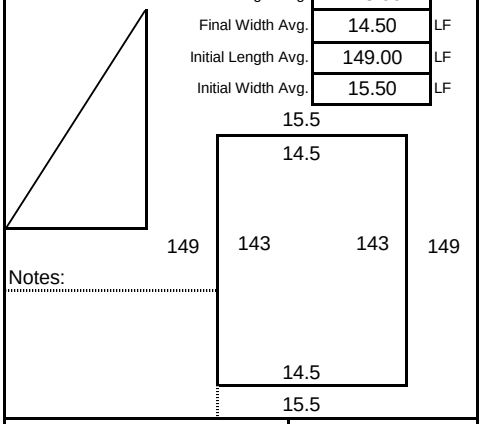


Notes:

Initial SF	1,969	Lineal Feet Trench	
Final SF	1,755		14.5

Panel # C-578 Roll # G15G382089

Final Length Avg.	143.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	15.50	LF

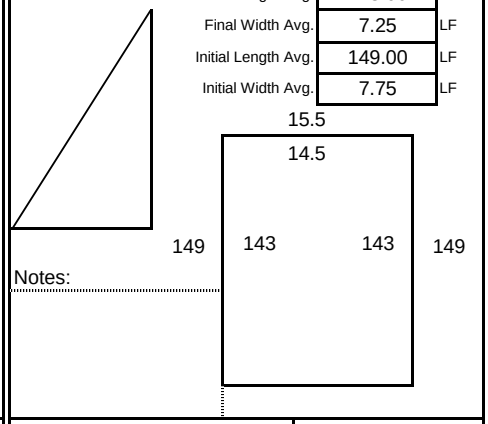


Notes:

Initial SF	2,310	Lineal Feet Trench	
Final SF	2,074		14.5

Panel # C-579 Roll # G15G381074

Final Length Avg.	143.00	LF
Final Width Avg.	7.25	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	7.75	LF

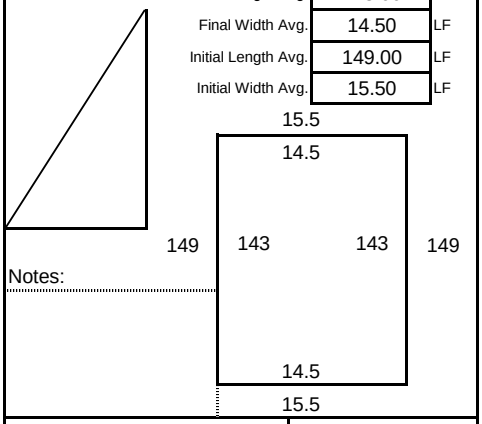


Notes:

Initial SF	1,155	Lineal Feet Trench	
Final SF	1,037		14.5

Panel # C-580 Roll # G15G382088

Final Length Avg.	143.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	149.00	LF
Initial Width Avg.	15.50	LF

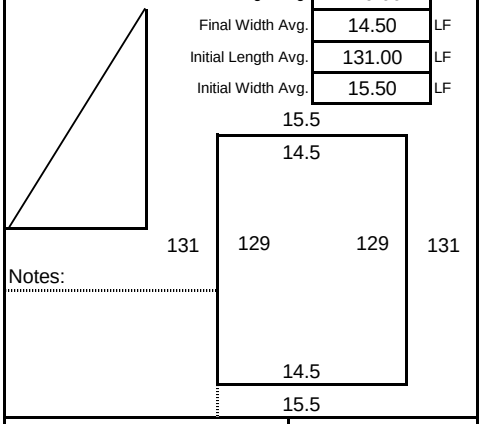


Notes:

Initial SF	2,310	Lineal Feet Trench	
Final SF	2,074		14.5

Panel # C-581 Roll # G15G382102

Final Length Avg.	129.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	131.00	LF
Initial Width Avg.	15.50	LF

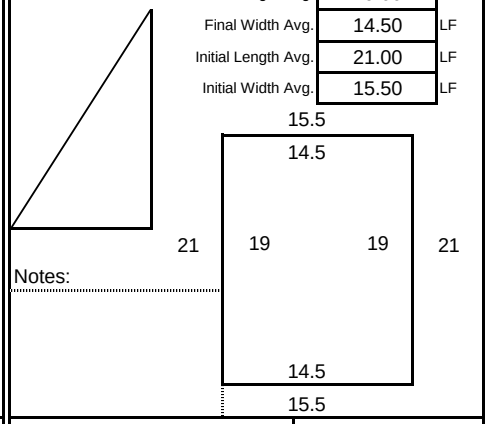


Notes:

Initial SF	2,031	Lineal Feet Trench	
Final SF	1,871		

Panel # C-582 Roll # G15G382102

Final Length Avg.	19.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	21.00	LF
Initial Width Avg.	15.50	LF

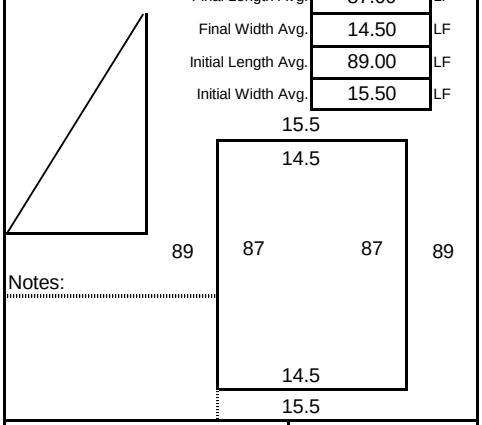


Notes:

Initial SF	326	Lineal Feet Trench	
Final SF	276		

Panel # C-583 Roll # G15G381045

Final Length Avg.	87.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	89.00	LF
Initial Width Avg.	15.50	LF

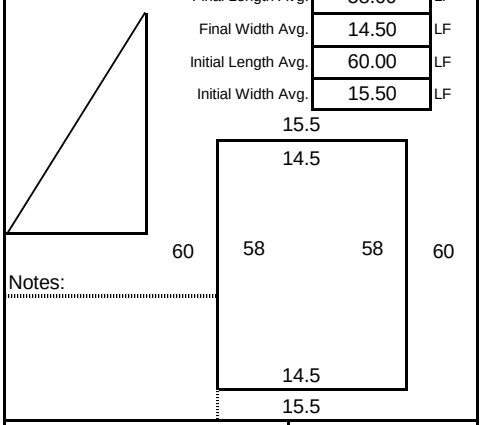


Notes:

Initial SF	1,380	Lineal Feet Trench	
Final SF	1,262		

Panel # C-584 Roll # G15G381045

Final Length Avg.	58.00	LF
Final Width Avg.	14.50	LF
Initial Length Avg.	60.00	LF
Initial Width Avg.	15.50	LF



Notes:

Initial SF	930	Lineal Feet Trench	
Final SF	841		

Material in Anchor Trench

Total LF In Trench This Page	58.00	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**11,187**	**SF**
Total Pay Area This Page	**11,187**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	58	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	235,874	SF
Total Panel SF To Date	247,060	SF
Total Pay Area To Date Including Anchor Trench	**247,060**	
Initial Quantity Previous	256,661	SF
Initial Quantity This Page	12,408	SF
Initial Quantity To Date	269,069	SF

Daily Panel Placement **Page** 89

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

Panel # C-585	Roll # G15G381047		
Final Length Avg.	46.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
48	46	46	48
14.5			
15.5			
Notes:			
Initial SF	744	Lineal Feet Trench	
Final SF	667		

Panel # C-586	Roll # G15G381047		
Final Length Avg.	96.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	98.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
98	96	96	98
14.5			
15.5			
Notes:			
Initial SF	1,519	Lineal Feet Trench	
Final SF	1,392		

Panel # C-587	Roll # G15G381037		
Final Length Avg.	7.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
9	7	7	9
14.5			
15.5			
Notes:			
Initial SF	140	Lineal Feet Trench	
Final SF	102		

Panel # C-588	Roll # G15G381037		
Final Length Avg.	113.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	117.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
117	113	113	117
14.5			
15.5			
Notes:			
Initial SF	1,814	Lineal Feet Trench	
Final SF	1,639	14.5	

Panel # C-589	Roll # G15G381079		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
158	156	156	158
14.5			
15.5			
Notes:			
Initial SF	2,449	Lineal Feet Trench	
Final SF	2,262	14.5	

Panel # C-590	Roll # G15G382086		
Final Length Avg.	113.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	115.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
115	113	113	115
14.5			
15.5			
Notes:			
Initial SF	1,783	Lineal Feet Trench	
Final SF	1,639		

Panel # C-591	Roll # G15G381040		
Final Length Avg.	114.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	116.00	LF	
Initial Width Avg.	15.50	LF	
15.5			
14.5			
116	114	114	116
14.5			
15.5			
Notes:			
Initial SF	1,798	Lineal Feet Trench	
Final SF	1,653		

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Notes:			
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench		
Total LF In Trench This Page	29.00	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,353**	**SF**
Total Pay Area This Page	**9,353**	**SF**
LF In Trench Previous	58	LF
LF In Trench To Date	87	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	247,060	SF
Total Panel SF To Date	256,413	SF
Total Pay Area To Date Including Anchor Trench	**256,413**	
Initial Quantity Previous	269,069	SF
Initial Quantity This Page	10,246	SF
Initial Quantity To Date	279,314	SF

Daily Panel Placement **Page** 90

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/22/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-592	G15G381053	149.00 LF	14.50 LF	151.00 LF	15.50 LF		2,341	2,161	
C-593	G15G381054	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
C-594	G15G381050	147.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,132	
C-595	G15G381050	27.00 LF	14.50 LF	30.00 LF	15.50 LF		465	392	
C-596	G15G381038	148.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,146	
C-597	G15G381055	147.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,132	
C-598	G15G381064	147.00 LF	14.50 LF	149.00 LF	15.50 LF		2,310	2,132	
C-599	G15G381042	146.00 LF	14.50 LF	148.00 LF	15.50 LF		2,294	2,117	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**15,356**	**SF**
Total Pay Area This Page	**15,356**	**SF**
LF In Trench Previous	87	LF
LF In Trench To Date	87	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	256,413	SF
Total Panel SF To Date	271,768	SF
Total Pay Area To Date Including Anchor Trench	**271,768**	
Initial Quantity Previous	279,314	SF
Initial Quantity This Page	16,694	SF
Initial Quantity To Date	296,008	SF

Daily Panel Placement

Page 91

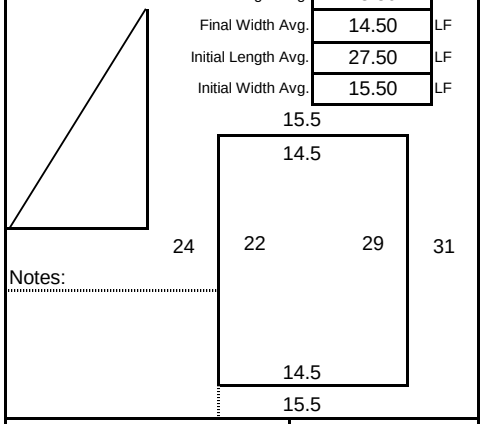
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/22/16

Superintendent: Ali Malimar **Material Type:** GCL

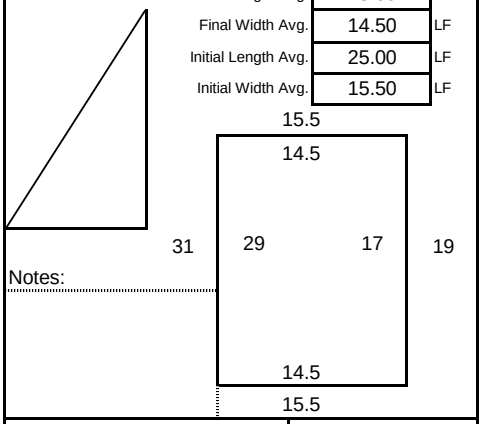
[ ] Primary [ ] Secondary [ ] Cell [ ] Pond [X] Cap [ ] Other:

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 15.5

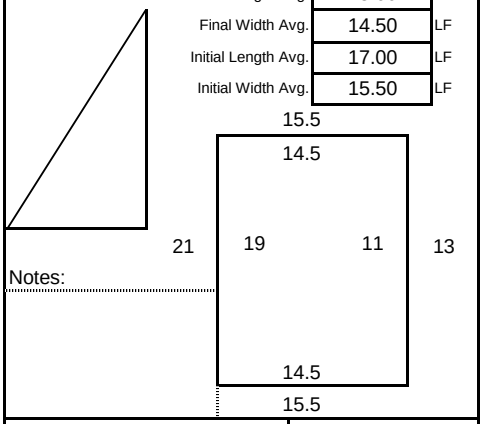
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
C-600	G15G381043	25.50 LF	14.50 LF	27.50 LF	15.50 LF	426	370
C-601	G15G381043	23.00 LF	14.50 LF	25.00 LF	15.50 LF	388	334
C-602	G15G381043	15.00 LF	14.50 LF	17.00 LF	15.50 LF	264	218
C-603	G15G381043	6.50 LF	14.50 LF	8.50 LF	15.50 LF	132	94
						-	-
						-	-
						-	-
						-	-



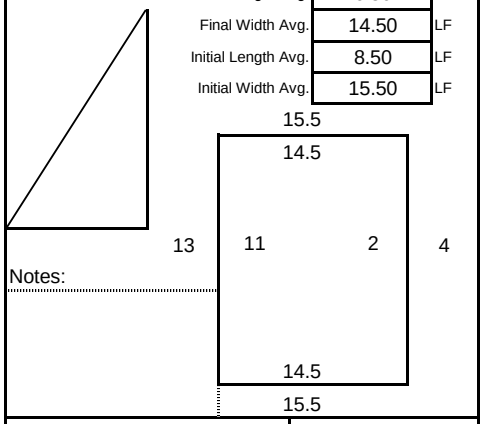
Notes:



Notes:



Notes:



Notes:

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,015**	**SF**
Total Pay Area This Page	**1,015**	**SF**
LF In Trench Previous	87	LF
LF In Trench To Date	87	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	271,768	SF
Total Panel SF To Date	272,783	SF
Total Pay Area To Date Including Anchor Trench	**272,783**	
Initial Quantity Previous	296,008	SF
Initial Quantity This Page	1,209	SF
Initial Quantity To Date	297,217	SF

Daily Panel Placement **Page** 92

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-604	Roll # G15G381041		
Final Length Avg.	139.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	141.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,186	Lineal Feet Trench	
Final SF	2,016		

15.5 / 14.5 / 141 139 139 141 / 14.5 / 15.5

Notes:

Panel # C-605	Roll # G15G381041		
Final Length Avg.	68.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	70.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,085	Lineal Feet Trench	
Final SF	986		

15.5 / 14.5 / 70 68 68 70 / 14.5 / 15.5

Notes:

Panel # C-606	Roll # G15G381033		
Final Length Avg.	61.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	63.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	977	Lineal Feet Trench	
Final SF	885		

15.5 / 14.5 / 63 61 61 63 / 14.5 / 15.5

Notes:

Panel # C-607	Roll # G15G381033		
Final Length Avg.	83.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	85.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,318	Lineal Feet Trench	
Final SF	1,204		

15.5 / 14.5 / 85 83 83 85 / 14.5 / 15.5

Notes:

Panel # C-608	Roll # G15G383163		
Final Length Avg.	81.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	84.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,302	Lineal Feet Trench	
Final SF	1,175		

15.5 / 14.5 / 84 81 81 84 / 14.5 / 15.5

Notes:

Panel # C-609	Roll # G15G383163		
Final Length Avg.	58.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	61.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	946	Lineal Feet Trench	
Final SF	841		

15.5 / 14.5 / 61 58 58 61 / 14.5 / 15.5

Notes:

Panel # C-610	Roll # G15G381039		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	403	Lineal Feet Trench	
Final SF	348		

15.5 / 14.5 / 26 24 24 26 / 14.5 / 15.5

Notes:

Panel # C-611	Roll # G15G381039		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	113	Lineal Feet Trench	
Final SF	96		

48 50 / 4 / 4.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,549**	**SF**
Total Pay Area This Page	**7,549**	**SF**
LF In Trench Previous	87	LF
LF In Trench To Date	87	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	272,783	SF
Total Panel SF To Date	280,332	SF
Total Pay Area To Date Including Anchor Trench	**280,332**	
Initial Quantity Previous	297,217	SF
Initial Quantity This Page	8,328	SF
Initial Quantity To Date	305,544	SF

Daily Panel Placement **Page** 93

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 15.5

Panel # C-612	Roll # G15G381039		
Final Length Avg.	87.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	89.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,380	Lineal Feet Trench	
Final SF	1,262	37	

15.5 / 14.5 / 89 / 87 / 87 / 89 / 14.5 / 15.5

Notes:

Panel # C-613	Roll # G15G383158		
Final Length Avg.	55.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	57.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	884	Lineal Feet Trench	
Final SF	798		

15.5 / 14.5 / 57 / 55 / 55 / 57 / 14.5 / 15.5

Notes:

Panel # C-614	Roll # G15G383158		
Final Length Avg.	48.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	52.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	806	Lineal Feet Trench	
Final SF	696	14.5	

15.5 / 14.5 / 52 / 48 / 48 / 52 / 14.5 / 15.5

Notes:

Panel # C-615	Roll # G15G381058		
Final Length Avg.	42.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	46.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	713	Lineal Feet Trench	
Final SF	609	14.5	

15.5 / 14.5 / 46 / 42 / 42 / 46 / 14.5 / 15.5

Notes:

Panel # C-616	Roll # G15G381058		
Final Length Avg.	64.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	68.50	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,062	Lineal Feet Trench	
Final SF	928	14.5	

15.5 / 14.5 / 69 / 64 / 64 / 68 / 14.5 / 15.5

Notes:

Panel # C-617	Roll # G15G382154		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	45.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	698	Lineal Feet Trench	
Final SF	595	14.5	

15.5 / 14.5 / 45 / 41 / 41 / 45 / 14.5 / 15.5

Notes:

Panel # C-618	Roll # G15G382154		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	140	Lineal Feet Trench	
Final SF	109		

31 / 35 / 7 / 8

Notes:

Panel # C-619	Roll # G15G382154		
Final Length Avg.	76.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	80.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,240	Lineal Feet Trench	
Final SF	1,102		

15.5 / 14.5 / 80 / 76 / 76 / 80 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	95.00	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,097**	**SF**
Total Pay Area This Page	**6,097**	**SF**
LF In Trench Previous	87	LF
LF In Trench To Date	182	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	280,332	SF
Total Panel SF To Date	286,429	SF
Total Pay Area To Date Including Anchor Trench	**286,429**	
Initial Quantity Previous	305,544	SF
Initial Quantity This Page	6,921	SF
Initial Quantity To Date	312,466	SF

Daily Panel Placement **Page** 94

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-620	G15G381063	97.00 LF	14.50 LF	99.50 LF	15.50 LF	1,542	1,407	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: 124 121 73 75 15.5 14.5 14.5 15.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,407**	**SF**
Total Pay Area This Page	**1,407**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	-	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	-	SF
Total Panel SF Previous	-	SF
Total Panel SF To Date	1,407	SF
Total Pay Area To Date Including Anchor Trench	**1,407**	
Initial Quantity Previous	-	SF
Initial Quantity This Page	1,542	SF
Initial Quantity To Date	1,542	SF

Daily Panel Placement **Page** 95

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-621	G15G383164	113.50 LF	14.50 LF	117.50 LF	15.50 LF	1,821	1,646	14.5
C-622	G15383164	42.50 LF	14.50 LF	44.50 LF	15.50 LF	690	616	
C-623	G15G382155	122.50 LF	14.50 LF	126.50 LF	15.50 LF	1,961	1,776	14.5
C-624	G15G382155	24.00 LF	14.50 LF	26.00 LF	15.50 LF	403	348	
C-625	G15G381035	145.00 LF	14.50 LF	150.00 LF	15.50 LF	2,325	2,103	14.5
C-626	G15G383166	140.00 LF	11.00 LF	142.00 LF	12.00 LF	1,704	1,540	11
C-627	G15G383164					310	247	
C-628	G15G381046	139.00 LF	14.50 LF	143.00 LF	15.50 LF	2,217	2,016	14.5

Material in Anchor Trench		
Total LF In Trench This Page	69.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**242**	**SF**
Total Panel SF This Page	**10,291**	**SF**
Total Pay Area This Page	**10,533**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	69	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	242	SF
Total Panel SF Previous	1,407	SF
Total Panel SF To Date	11,698	SF
Total Pay Area To Date Including Anchor Trench	**11,939**	
Initial Quantity Previous	1,542	SF
Initial Quantity This Page	11,430	SF
Initial Quantity To Date	12,973	SF

Daily Panel Placement **Page** 96

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # C-629	Roll # G15G382156		
Final Length Avg.	139.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	143.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,217	Lineal Feet Trench	
Final SF	2,016	14.5	

15.5 / 14.5 / 143 / 139 / 139 / 143 / 14.5 / 15.5

Notes:

Panel # C-630	Roll # G15G383189		
Final Length Avg.	138.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	140.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,170	Lineal Feet Trench	
Final SF	2,001		

15.5 / 14.5 / 140 / 138 / 138 / 140 / 14.5 / 15.5

Notes:

Panel # C-631	Roll # G15G383170		
Final Length Avg.	140.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	143.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,217	Lineal Feet Trench	
Final SF	2,030		

15.5 / 14.5 / 143 / 140 / 140 / 143 / 14.5 / 15.5

Notes:

Panel # C-632	Roll # G15G382157		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,294	Lineal Feet Trench	
Final SF	2,117	14.5	

15.5 / 14.5 / 148 / 146 / 146 / 148 / 14.5 / 15.5

Notes:

Panel # C-633	Roll # G15G381032		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	496	Lineal Feet Trench	
Final SF	435		

15.5 / 14.5 / 32 / 30 / 30 / 32 / 14.5 / 15.5

Notes:

Panel # C-634	Roll # G15G381032		
Final Length Avg.	69.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	71.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,101	Lineal Feet Trench	
Final SF	1,001		

15.5 / 14.5 / 71 / 69 / 69 / 71 / 14.5 / 15.5

Notes:

Panel # C-635	Roll # G15G381032		
Final Length Avg.	38.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	40.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	620	Lineal Feet Trench	
Final SF	551		

15.5 / 14.5 / 40 / 38 / 38 / 40 / 14.5 / 15.5

Notes:

Panel # C-636	Roll # G15G381031		
Final Length Avg.	46.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	46.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	713	Lineal Feet Trench	
Final SF	667		

15.5 / 14.5 / 46 / 46 / 46 / 46 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	29.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**102**	**SF**
Total Panel SF This Page	**10,817**	**SF**
Total Pay Area This Page	**10,919**	**SF**
LF In Trench Previous	69	LF
LF In Trench To Date	98	LF
SF In Trench Previous	242	SF
Total SF in Trench to Date	343	SF
Total Panel SF Previous	11,698	SF
Total Panel SF To Date	22,515	SF
Total Pay Area To Date Including Anchor Trench	**22,858**	
Initial Quantity Previous	12,973	SF
Initial Quantity This Page	11,827	SF
Initial Quantity To Date	24,799	SF

Daily Panel Placement **Page** 97

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

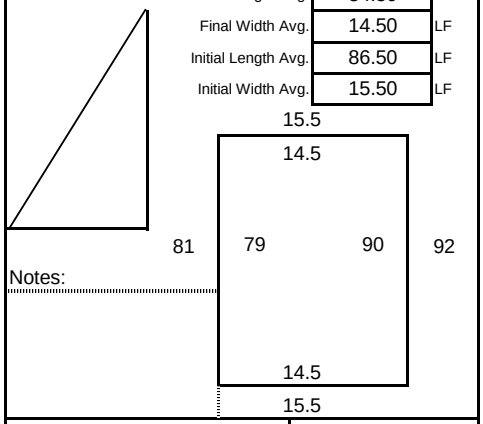
Superintendent: Ali Malimar **Material Type:** GCL

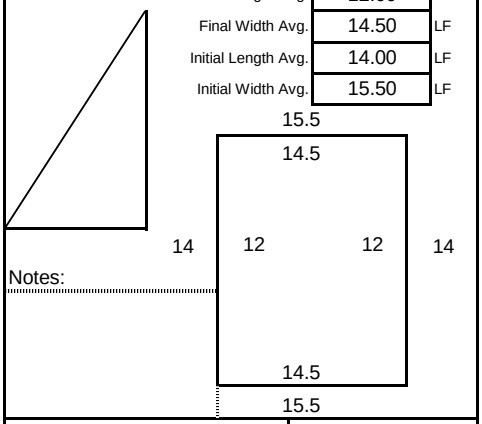
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

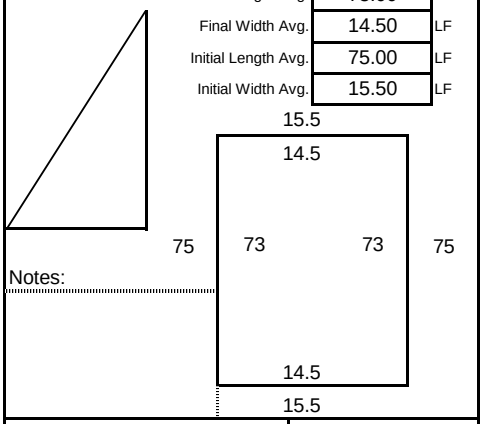
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-637	G15G381031	84.50 LF	14.50 LF	86.50 LF	15.50 LF	1,341	1,225	
C-638	G15G381031	12.00 LF	14.50 LF	14.00 LF	15.50 LF	217	174	
C-639	G15G381034	73.00 LF	14.50 LF	75.00 LF	15.50 LF	1,163	1,059	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:







Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,458**	**SF**
Total Pay Area This Page	**2,458**	**SF**
LF In Trench Previous	98	LF
LF In Trench To Date	98	LF
SF In Trench Previous	343	SF
Total SF in Trench to Date	343	SF
Total Panel SF Previous	22,515	SF
Total Panel SF To Date	24,973	SF
Total Pay Area To Date Including Anchor Trench	**25,316**	
Initial Quantity Previous	24,799	SF
Initial Quantity This Page	2,720	SF
Initial Quantity To Date	27,519	SF

Daily Panel Placement **Page** 98

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-640	G15G381034	79.00 LF	14.50 LF	81.50 LF	15.50 LF	1,263	1,146	
C-641	G15G382150	133.00 LF	14.50 LF	139.00 LF	15.50 LF	2,155	1,929	14.5
C-642	G15G383167	139.00 LF	14.50 LF	146.00 LF	15.50 LF	2,263	2,016	14.5
C-643	G15G382149	139.00 LF	14.50 LF	145.00 LF	15.50 LF	2,248	2,016	14.5
C-644	G15G383162	137.00 LF	14.50 LF	143.00 LF	15.50 LF	2,217	1,987	14.5
C-645	G15G382152	137.00 LF	14.00 LF	143.00 LF	15.50 LF	2,217	1,918	14
C-646	G15G383171	139.00 LF	14.50 LF	145.00 LF	15.50 LF	2,248	2,016	14.5
C-647	G15G381060	137.00 LF	14.50 LF	144.00 LF	15.50 LF	2,232	1,987	14.5

Material in Anchor Trench		
Total LF In Trench This Page	101.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**354**	**SF**
Total Panel SF This Page	**15,012**	**SF**
Total Pay Area This Page	**15,365**	**SF**
LF In Trench Previous	98	LF
LF In Trench To Date	199	LF
SF In Trench Previous	343	SF
Total SF in Trench to Date	697	SF
Total Panel SF Previous	24,973	SF
Total Panel SF To Date	39,984	SF
Total Pay Area To Date Including Anchor Trench	**40,681**	
Initial Quantity Previous	27,519	SF
Initial Quantity This Page	16,841	SF
Initial Quantity To Date	44,360	SF

Daily Panel Placement **Page** 99

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # C-648	Roll # G15G381083		
Final Length Avg.	67.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	69.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,070	Lineal Feet Trench	
Final SF	972		

15.5 / 14.5 / 69 67 67 69 / 14.5 / 15.5

Notes:

Panel # C-649	Roll # G15G381083		
Final Length Avg.	61.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	63.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	977	Lineal Feet Trench	
Final SF	885		

15.5 / 14.5 / 63 61 61 63 / 14.5 / 15.5

Notes:

Panel # C-650	Roll # G15G381083		
Final Length Avg.	14.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	248	Lineal Feet Trench	
Final SF	203		

15.5 / 14.5 / 16 14 14 16 / 14.5 / 15.5

Notes:

Panel # C-651	Roll # G15G382154		
Final Length Avg.	13.50	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	233	Lineal Feet Trench	
Final SF	196		

15.5 / 14.5 / 15 13 14 15 / 14.5 / 15.5

Notes:

Panel # C-652	Roll # G15G381058		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	276		

15.5 / 14.5 / 21 19 19 21 / 14.5 / 15.5

Notes:

Panel # C-653	Roll # G15G381068		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,426	Lineal Feet Trench	
Final SF	1,305		

15.5 / 14.5 / 92 90 90 92 / 14.5 / 15.5

Notes:

Panel # C-654	Roll # G15G381068		
Final Length Avg.	53.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	55.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	853	Lineal Feet Trench	
Final SF	769		

15.5 / 14.5 / 55 53 53 55 / 14.5 / 15.5

Notes:

Panel # C-655	Roll # G15G381072		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	36.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	558	Lineal Feet Trench	
Final SF	493		

15.5 / 14.5 / 36 34 34 36 / 14.5 / 15.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**5,097**	SF
Total Pay Area This Page	**5,097**	SF
LF In Trench Previous	199	LF
LF In Trench To Date	199	LF
SF In Trench Previous	697	SF
Total SF in Trench to Date	697	SF
Total Panel SF Previous	39,984	SF
Total Panel SF To Date	45,081	SF
Total Pay Area To Date Including Anchor Trench	**45,777**	
Initial Quantity Previous	44,360	SF
Initial Quantity This Page	5,689	SF
Initial Quantity To Date	50,049	SF

Daily Panel Placement **Page** 100

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # C-656	Roll # G15G381072		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,147	Lineal Feet Trench	
Final SF	1,044		

15.5 / 14.5 / 74 72 72 74 / 14.5 / 15.5

Notes:

Panel # C-657	Roll # G15G381072		
Final Length Avg.	36.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	38.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	589	Lineal Feet Trench	
Final SF	522		

15.5 / 14.5 / 38 36 36 38 / 14.5 / 15.5

Notes:

Panel # C-658	Roll # G15G376339		
Final Length Avg.	141.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	2,279	Lineal Feet Trench	
Final SF	2,045	14.5	

15.5 / 14.5 / 147 141 141 147 / 14.5 / 15.5

Notes:

Panel # C-659	Roll # G15G381077		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	36.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	558	Lineal Feet Trench	
Final SF	493		

15.5 / 14.5 / 36 34 34 36 / 14.5 / 15.5

Notes:

Panel # C-660	Roll # G15G381077		
Final Length Avg.	66.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	68.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	1,054	Lineal Feet Trench	
Final SF	957		

15.5 / 14.5 / 68 66 66 68 / 14.5 / 15.5

Notes:

Panel # C-661	Roll # G15G381077		
Final Length Avg.	5.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	6.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	93	Lineal Feet Trench	
Final SF	73		

15.5 / 14.5 / 6 5 5 6 / 14.5 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	14.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**51**	**SF**
Total Panel SF This Page	**5,133**	**SF**
Total Pay Area This Page	**5,184**	**SF**
LF In Trench Previous	199	LF
LF In Trench To Date	214	LF
SF In Trench Previous	697	SF
Total SF in Trench to Date	747	SF
Total Panel SF Previous	45,081	SF
Total Panel SF To Date	50,214	SF
Total Pay Area To Date Including Anchor Trench	**50,961**	
Initial Quantity Previous	50,049	SF
Initial Quantity This Page	5,720	SF
Initial Quantity To Date	55,768	SF

Daily Panel Placement **Page** 101

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
C-662	G15G381081	146.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,117	14.5
C-663	G15G381081	38.00 LF	14.50 LF	40.00 LF	15.50 LF		620	551	
C-664	G15G381073	142.00 LF	14.50 LF	148.00 LF	15.50 LF		2,294	2,059	14.5
C-665	G15G382108	146.00 LF	14.50 LF	150.00 LF	15.50 LF		2,325	2,117	14.5
C-666	G15G381070	118.00 LF	14.50 LF	123.00 LF	15.50 LF		1,907	1,711	14.5
C-667	G15G381069	106.00 LF	14.50 LF	110.00 LF	15.50 LF		1,705	1,537	14.5
C-668	G15G381069	26.00 LF	14.50 LF	28.00 LF	15.50 LF		434	377	
C-669	G15G382102	90.00 LF	14.50 LF	94.00 LF	15.50 LF		1,457	1,305	14.5

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**11,774**	**SF**
Total Pay Area This Page	**12,079**	**SF**
LF In Trench Previous	214	LF
LF In Trench To Date	301	LF
SF In Trench Previous	747	SF
Total SF in Trench to Date	1,052	SF
Total Panel SF Previous	50,214	SF
Total Panel SF To Date	61,988	SF
Total Pay Area To Date Including Anchor Trench	**63,040**	
Initial Quantity Previous	55,768	SF
Initial Quantity This Page	13,067	SF
Initial Quantity To Date	68,835	SF

Daily Panel Placement **Page** 102

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-670	G15G381070	16.00 LF	14.50 LF	18.00 LF	15.50 LF	279	232	
C-671	G15G382102	45.00 LF	14.50 LF	47.00 LF	15.50 LF	729	653	
C-672	G15G381048	74.00 LF	14.50 LF	78.00 LF	15.50 LF	1,209	1,073	14.5
C-673	G15G381048	57.00 LF	14.50 LF	59.00 LF	15.50 LF	915	827	
C-674	G15G381062	108.00 LF	14.50 LF	112.00 LF	15.50 LF	1,736	1,566	14.5
C-675	G15G381062	34.00 LF	14.50 LF	36.00 LF	15.50 LF	558	493	
C-676	G15G382085	96.00 LF	14.50 LF	100.00 LF	15.50 LF	1,550	1,392	14.5
C-677	G15G382085	46.00 LF	14.50 LF	48.00 LF	15.50 LF	744	667	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	43.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**152**	**SF**
Total Panel SF This Page	**6,902**	**SF**
Total Pay Area This Page	**7,054**	**SF**
LF In Trench Previous	301	LF
LF In Trench To Date	344	LF
SF In Trench Previous	1,052	SF
Total SF in Trench to Date	1,204	SF
Total Panel SF Previous	61,988	SF
Total Panel SF To Date	68,890	SF
Total Pay Area To Date Including Anchor Trench	**70,094**	
Initial Quantity Previous	68,835	SF
Initial Quantity This Page	7,719	SF
Initial Quantity To Date	76,554	SF

Daily Panel Placement **Page** 103

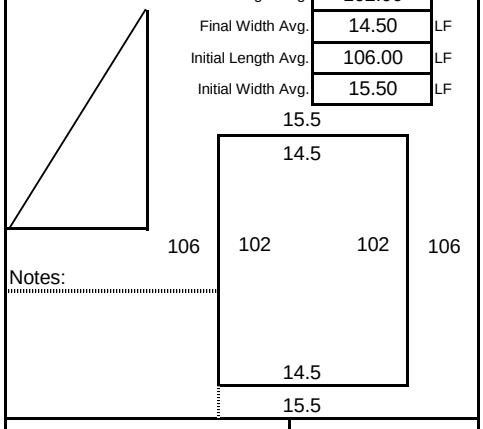
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
C-678	G15G375239	102.00 LF	14.50 LF	106.00 LF	15.50 LF	1,643	1,479	14.5
C-679	G15G375239	36.00 LF	14.50 LF	38.00 LF	15.50 LF	589	522	
C-680	G15G382104	40.00 LF	14.50 LF	44.00 LF	15.50 LF	682	580	14.5
C-681	G15G382104	77.00 LF	14.50 LF	79.00 LF	15.50 LF	1,225	1,117	14.5
C-682	G15G382104	20.00 LF	14.50 LF	22.00 LF	15.50 LF	341	290	
C-683	G15G375243	46.00 LF	14.50 LF	48.00 LF	15.50 LF	744	667	14.5
C-684	G15G375243	44.00 LF	14.50 LF	49.00 LF	15.50 LF	760	638	14.5
C-685	G15G375243	44.00 LF	14.50 LF	48.00 LF	15.50 LF	744	638	14.5



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	87.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**305**	**SF**
Total Panel SF This Page	**5,931**	**SF**
Total Pay Area This Page	**6,235**	**SF**
LF In Trench Previous	344	LF
LF In Trench To Date	431	LF
SF In Trench Previous	1,204	SF
Total SF in Trench to Date	1,509	SF
Total Panel SF Previous	68,890	SF
Total Panel SF To Date	74,820	SF
Total Pay Area To Date Including Anchor Trench	**76,329**	
Initial Quantity Previous	76,554	SF
Initial Quantity This Page	6,727	SF
Initial Quantity To Date	83,281	SF

Daily Panel Placement **Page** 104

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GCL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # C-686	Roll # G15G375244		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	419	Lineal Feet Trench	
Final SF	363	14.5	

15.5 / 14.5 / 27 25 25 27 / 14.5 / 15.5

Notes:

Panel # C-687	Roll # G15G375244		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	34.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	527	Lineal Feet Trench	
Final SF	435	14.5	

15.5 / 14.5 / 34 30 30 34 / 14.5 / 15.5

Notes:

Panel # C-688	Roll # G15G375244		
Final Length Avg.	18.00	LF	
Final Width Avg.	14.50	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	326	Lineal Feet Trench	
Final SF	261	22	

15.5 / 14.5 / 21 18 18 21 / 14.5 / 15.5

Notes:

Panel # C-689	Roll # G15G375244		
Final Length Avg.	18.00	LF	
Final Width Avg.	10.00	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	295	Lineal Feet Trench	
Final SF	180	10	

15.5 / 10 / 19 18 18 19 / 10 / 15.5

Notes:

Panel # C-690	Roll # G15G365244		
Final Length Avg.	14.00	LF	
Final Width Avg.	10.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	15.50	LF	
Initial SF	248	Lineal Feet Trench	
Final SF	140		

15.5 / 10 / 16 14 14 16 / 10 / 15.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	61.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**214**	**SF**
Total Panel SF This Page	**1,379**	**SF**
Total Pay Area This Page	**1,592**	**SF**
LF In Trench Previous	431	LF
LF In Trench To Date	492	LF
SF In Trench Previous	1,509	SF
Total SF in Trench to Date	1,722	SF
Total Panel SF Previous	74,820	SF
Total Panel SF To Date	76,199	SF
Total Pay Area To Date Including Anchor Trench	**77,921**	
Initial Quantity Previous	83,281	SF
Initial Quantity This Page	1,814	SF
Initial Quantity To Date	85,094	SF

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

SAVANNAH RIVER SITE ASH BASIN CLOSURE
ESI PROJECT NUMBER: 14-08-1356

GCL REPAIR LOG

QC INSPECTOR: LYSSA TRAN
SUPT: ALI MALIMAR

PAGE 1 0F 2

REPAIR #	DATE	PANEL #	ROLL #	LOT #	REPAIR SIZE	LOCATION
RC-1	5/4/2016	C-6	G15G381020	902552873A	2.5X3	6'E OF C6/7 & 6'N
RC-2	5/4/2016	C-6	G15G381020	902552873A	2.5X3	6'E OF C6/7 & 9'N
RC-3	5/4/2016	C-6	G15G381020	902552873A	2X3	13'E OF C6/7 & 6'N
RC-4	5/6/2016	C-19	G15G383195	902656291B	3X3	6'E OF C14/19 & 7'N
RC-5	5/11/2016	C-50	G15G382120	902552873B	2.5X3	8'N OF C49/50 & 7'E
RC-6	5/11/2016	C-55	G15G383203	902691039A	3X3	5'N OF C54/55 & 8'E
RC-7	5/11/2016	C-67	G15G375242	902552873B	6X15.5	NEOP
RC-8	5/25/2016	C-101	G15E375257	902624683B	2X2	4'W OF EEOS C101/102
RC-9	5/25/2016	C-106	G15G376282	902448952B	3X3	5'S OF C105/106 & 7'E
RC-10	6/2/2016	C-127	G15G383201	902691039A	3X3	5'N OF C126/127 & 7'E
RC-11	6/2/2016	C-130	G15G383202	902691039A	3X3	5'N OF C128/130 & 7'E
RC-12	6/2/2016	C-152	G15G382144	902656291A	2X2	15'N OF C148/152 & 7'E
RC-13	6/2/2016	C-152	G15G382144	902656291A	2X2	20'N OF C148/152 & 7'E
RC-14	6/2/2016	C-152	G15G382144	902656291A	2X2	25'N OF C148/152 & 7'E
RC-15	6/13/2016	C-259	G14G112070	900551406A	2X2	4'N OF C258/259 & 6'E
RC-16	6/14/2016	C-273	G15G376297	902448952A	3X3	25'E OF WEOS C273/274
RC-17	6/14/2016	C-275	G15G376319	902448952B	2X2	6'E OF C274/275 & 8'N
RC-18	6/14/2016	C-275	G15G376319	902448952B	2X2	9'E OF C274/275 & 8'N
RC-19	6/17/2016	C-304	G15G376304	902448952A	2X5	7'S OF C301/304 & 7'E
RC-20	6/22/2016	C-348	G15G375239	902624683B	2X15.5	10'S OF C347/348 & 7'E
RC-21	6/27/2016	C-418	G15G376313	902448952B	3X13	15'S OF C418/419 & 4'W
RC-22	7/8/2016	C-486	G15G245194	902417334A	3X3	SEOS C486/487
RC-23	7/8/2016	C-491	G15G381026	902552873A	2X4	SEOS C490/492
RC-24	7/11/2016	C-523	G15G381076	902552873B	2X2	5'S OF C521/523 & 8'E
RC-25	7/13/2016	C-529	G15G383184	902656291B	2X3	3'N OF C528/529 & 8'E
RC-26	7/13/2016	C-529	G15G383184	902656291B	2X2	8'N OF C528/529 & 8'E
RC-27	7/15/2016	C-569	G15G383183	902656291B	2X2	8'N OF C567/569 & 7'E
RC-28	7/20/2016	C-581	G15G381075	902552873B	10X23	32'S OF NEOS C260/581
RC-29	7/22/2016	C-594	G15G381050	902552873B	2X2	25'S OF C593/594 & 6'E
RC-30	7/22/2016	C-594	G15G381050	902552873B	2X2	30'S OF C593/594 & 6'E
RC-31	7/25/2016	C-629	**G15G382156**	902656291B	2X4	35'W OF C628/629 & 10'S
RC-32	7/25/2016	C-629	**G15G382156**	902656291B	2X2	40'W OF C628/629 10'S
RC-33	7/25/2016	C-631	G15G383170	902656291B	2X6	23'W OF C631/632 & 4'S
RC-34	7/25/2016	C-631	G15G383170	902656291B	2X10	17'W OF C631/632 & 8'S
RC-35	7/26/2016	C-640	G15G381034	902552873A	2X7	EXTENSION N.SIDE C638/640
RC-36	7/26/2016	C-648	G15G381083	902552873B	3X3	8'E OF C640/648 & 5'N
RC-37	7/26/2016	C-659	G15G381077	902552873B	2X9	7'W OF C656/659 & 6'S
RC-38	7/26/2016	C-659	G15G381077	902552873B	2X8	23'W OF C656/659 & 6'S

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

SAVANNAH RIVER SITE ASH BASIN CLOSURE
ESI PROJECT NUMBER: 14-08-1356

GCL REPAIR LOG

QC INSPECTOR: LYSSA TRAN
SUPT: ALI MALIMAR

PAGE 2 OF 2

REPAIR #	DATE	PANEL #	ROLL #	LOT #	REPAIR SIZE	LOCATION
RC-39	7/27/2016	C-676	G15G382085	902552873B	2X2	7'N OF C674/676 & 7'W
RC-40	7/27/2016	C-680	G15G382104	902552873B	3X3	6'N OF C680/681 & 7'W
RC-41	7/27/2016	C-687	G15G375244	902624683B	3X3	8'N OF C687/C88 & 6'E

Environmental Specialties International Inc.

Repair Report

Project Name: Savannah River Site - Ash Basin Closure
Job # : 14-08-1356
Superintendent: Ali Malimar
Material Type: GCL - AGRU NN66
Primary [ ] **Pond** [ ]
Job Description: SRS Ash Basin Closure
Secondary [ ] **Cell** [ ]
Reported by : Lyssa Tran
Cap [X]
Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GCL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
679.5	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
599.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)	Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RC-1	DO		C-6	6' E of C6/7 & 6' N	P	2.5 x 3		5/4/16					
RC-2	DO		C-6	6' E of C6/7 & 9' N	P	2.5 x 3		5/4/16					
RC-3	DO		C-6	13' E OF C6/7 & 6'N	P	2 x 3		5/4/16					
RC-4	DO		C-19	6' E OF C14/19 & 7'N	P	3 x 3		5/6/16					
RC-5	DO		C-50	8' N OF C49/50 & 7' E	P	2.5 x 3		5/11/16					
RC-6	DO		C-55	5' N OF C54/55 & 8'E	P	3 x 3		5/11/16					
RC-7	DO		C-67	NEOP	P	6 x 16		5/11/16					
RC-8	DO		C-101	4' W OF EEOS C101/102	P	2 x 2		5/25/16					
RC-9	DO	N/A	C-106	5' S OF C105 / 106 & 7'E	P	3 x 3	N/A	5/25/16	N/A				
RC-10	DO		C-127	5' N OF C126/127 & 7'E	P	3 x 3		6/2/16					
RC-11	DO		C-130	5' N OF C128/130 & 7'E	P	3 x 3		6/2/16					
RC-12	DO		C-152	15'N OF C148/152 &7'E	P	2 x 2		6/2/16					
RC-13	DO		C-152	20'N OF C148/152 & 7'E	P	2 x 2		6/2/16					
RC-14	DO		C-152	25' N OF C148/152 & 7'E	P	2 x 2		6/2/16					
RC-15	DO		C-259	4' N OF C258/259 7 6' E	P	2 x 2		6/13/16					
RC-16	DO		C-273	25' E OF WEOS C273/274	P	3 x 3		6/14/16					
RC-17	DO		C-275	6' E OF C274/275 & 8' N	P	2 x 2		6/14/16					
RC-18	DO		C-275	9' E OF C274/275 & 8' N	P	2 x 2		6/14/16					
RC-19	DO		C-304	7' S OF C301/304 & 7' E	P	2 x 5		6/17/16					
RC-20	DO		C-348	10' S OF C347/348 & 7' E	P	2 x 16		6/22/16					

N/A

Envirocon Field Engineer: Raymond Scott Niles

Environmental Specialties International Inc.

Repair Report

Project Name: Savannah River Site - Ash Basin Closure
Job # : 14-08-1356
Superintendent: Ali Malimar
Material Type: GCL - AGRU NN66
Job Description: SRS Ash Basin Closure
Reported by : Lyssa Tran
Other:

Primary		Pond	
Secondary		Cell	
		Cap	X

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GCL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
679.5	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
599.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)	Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RC-21	DO		C-418	15' S OF C418/419 & 4' W	P	3 x 13		6/27/16					
RC-22	DO		C-486	SEOS C486/487	P	3 x 3		7/8/16					
RC-23	DO		C-491	SEOS C490/492	P	2 x 4		7/8/16					
RC-24	DO		C-523	5' S OF C521/523 * 8' E	P	2 x 2		7/11/16					
RC-25	DO		C-529	3' N OF C528/529 & 8' E	P	2 x 3		7/13/16					
RC-26	DO		C-529	8' N OF C528/529 & 8' E	P	2 x 2		7/13/16					
RC-27	DO		C-569	8' N OF C567/569 & 7'E	P	2 x 2		7/15/16					
RC-28	DO		C-581	32'S OF NEOS C260/581	P	10 x 23		7/20/16					
RC-29	DO	N/A	C-594	25'S OF C593/594 & 6' E	P	2 x 2	N/A	7/22/16	N/A				
RC-30	DO		C-594	30'S OF C593/594 & 6' E	P	2 x 2		7/22/16					
RC-31	DO		C-629	35' W OF C628/629 & 10' S	P	2 x 4		7/25/16					
RC-32	DO		C-629	40' W OF C628/629 & 10' S	P	2 x 2		7/25/16					
RC-33	DO		C-631	23' W OF OF C631/632 & 4'S	P	2 x 6		7/25/16					
RC-34	DO		C-631	17' W OF C631/632 & 8' S	P	2 x 10		7/25/16					
RC-35	DO		C-640	EXTENSION ON N SIDE C638/640	P	2 x 7		7/26/16					
RC-36	DO		C-648	8'E OF C640/648 & 5'N	P	3 x 3		7/26/16					
RC-37	DO		C-659	7'W OF C 656/659 & 6' S	P	2 x 9		7/26/16					
RC-38	DO		C-659	23' W OF C 656/659 & 6' S	P	2 x 8		7/26/16					
RC-39	DO		C-676	7' N OF C674/676 & 7'W	P	2 x 2		7/27/16					
RC-40	DO		C-680	6' N OF C680/681 & 7' W	P	3 x 3		7/27/16					

Envirocon Field Engineer: Raymond Scott Miles

Environmental Specialties International Inc.

Repair Report

Project Name Savannah River Site - Ash Basin Closure **Job # :** 14-08-1356 **Superintendent:** Ali Malimar

Material Type: GCL - AGRU NN66 **Primary** [ ] **Pond** [ ]

Job Description: SRS Ash Basin Closure **Secondary** [ ] **Cell** [ ]

Reported by : Lyssa Tran **Cap** [X]

Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GCL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
679.5	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
599.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)			Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RC-41	DO		C-687	8' N OF C687/688 & 6' E	P	3	x	3		7/27/16					
RC-42							x								
RC-43							x								
RC-44							x								
RC-45							x								
RC-46							x								
RC-47							x								
RC-48							x								
RC-49							x								
RC-50							x								
RC-51							x								
RC-52							x								
RC-53							x								
RC-54							x								
RC-55							x								
RC-56							x								
RC-57							x								
RC-58							x								
RC-59							x								
RC-60							x								

N/A N/A N/A N/A N/A

Envirocon Field Engineer: Raymond Satterwhite

E-MAILED 5/2/16 Trip/Draw

WE 5/1/16 ✓

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Cloudy TEMP.: (AM) 61 (PM) 81 RAINFALL (inches) _____

Day Number 1 Date 4/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All Good.

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting, Byron (safety) going over TSP, JHAS-to AHAS. set up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work	M		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	2	21
QC	1	10.5
Technicians	1	10.5
Totals	6	63

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TAC

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) p. cloudy TEMP.: (AM) 65 (PM) 86 RAINFALL (inches) _____

Day Number 2 Date 4/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: staging materials (GDL & GCL) on top of 4D Cap

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	2	21
QC	1	10.5
Technicians	2	21
Totals	7	73.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TR

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Overcast (PM) Cloudy TEMP.: (AM) 69 (PM) 86 RAINFALL (inches) _____

Day Number 3 Date 4/28/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: staging materials (GDL & GCL) on top of 4D Cap

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	2	20
QC	1	10
Technicians	4	40
Totals	9	90

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

WE 05/08/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Overcast (PM) cloudy TEMP.: (AM) 63 (PM) 82 RAINFALL (inches) _____

Day Number 4 Date 5/2/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: safety meeting. No go — on deployment, due to weather condition. Stage materials (GDL & GCL) til lunch time

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	2	10
QC	1	5
Technicians	4	20
Totals	9	45

Motel Information	Rooms
Singles	
Doubles	

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

E-MAILED to 5/3/16 TW/AW

5/9/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Cloudy TEMP.: (AM) 67 (PM) 80 RAINFALL (inches) .300

Day Number 5 Date 5/3/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☒ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. No-go due to weather condition 50% chance of rain and hail

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	5	10
Totals	9	18

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

E-MAILE 5/4/16 TW/AN

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Sunny TEMP.: (AM) 65 (PM) 75 RAINFALL (inches)

Day Number 6 Date 5/4/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL/GDL at 0725 to 1330 1330 to 1537 cover expose GCL/GDL with strong wind.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		21,511	21,511
2	GDL		43,560		17,850	17,850
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N	A	
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	5	47.5
Totals	9	85.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

Tran

E-MAILED to Drew/TG 5/5/16

M T W Th F S Su: X

Sup: Ali Malimar or Fran Fran

Job Name: Savannah River Site D-Area Job #: 14-08-1356

WEATHER: (AM) sunny (PM) p.cloudy TEMP.: (AM) 55 (PM) 68 RAINFALL (inches)

Day Number 7 Date 5/5/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL. Cover expose GCL & GDL with very strong winds

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		17,284	38,795
2	GDL		43,560		21,063	38,913
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	4	40
Totals	8	80

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M	TU	W	TH	F	S	SU
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p. sunny (PM) 75 TEMP.: (AM) 48 (PM) 69 RAINFALL (inches) _____

Day Number 8 Date 5/6/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL. Cover expose GCL & GDL. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		8,857	47,652
2	GDL		43,560		9,205	48,118
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	3	21
Totals	7	101

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 47 (PM) 77 RAINFALL (inches) ____

Day Number 9 Date 5/7/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Staging materials – windy

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	47,652
2	GDL				0	43,118
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	0	0
Totals	4	34

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

JKE 05/15/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) cloudy TEMP.: (AM) 60 (PM) 86 RAINFALL (inches) _____

Day Number 10 Date 5/9/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: safety meeting. Deploy GCL + GDL — left due to waiting for engineer to approve subgrade.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		14,456	62,108
2	GDL		43,560		14,637	62,755
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	4	31
Totals	8	65

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Swing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

John Coleman got laid off due to lack of work.

E-MAILED 5/10/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p. cloudy (PM) p. cloudy TEMP.: (AM) 67 (PM) 84 RAINFALL (inches) _____

Day Number 11 Date 5/10/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: safety meeting. Deploy GCL + GDL.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		10,288	72,396
2	GDL		43,560		11,847	74,602
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work	1		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9
QC	1	9
Technicians	3	27
Totals	7	64

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1
Field Test Fail %	Lab Test Fail %

Daily Notes / Standby / Problems / Etc.

Change specs on catch basin (4x4)

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. cloudy TEMP.: (AM) 66 (PM) 89 RAINFALL (inches) _____

Day Number 12 Date 5/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		24,703	97,099
2	GDL		43,560		25,579	100,181
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	3	33
Totals	7	77

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seeding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Cloudy TEMP.: (AM) 67 (PM) 89 RAINFALL (inches) _____

Day Number 13 Date 5/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL - South Slope clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		20,561	117,660
2	GDL		43,560		18,480	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	3	28.5
Totals	7	66.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Sunny TEMP.: (AM) 64 (PM) 88 RAINFALL (inches) 2"

Day Number 14 Date 5-13-2016 [X] Work Day [X] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All Good.

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Rained out and can't stage material.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GGL		43,560		0	117,660
2	GDL		43,560		0	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians		
Totals	4	8

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 53 (PM) 74 RAINFALL (Inches)

Day Number 15 Date 5/16/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	117,660
2	GDL		43,560		0	118,760
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8
Foreman	1	8
Operators	1	8
QC	1	8
Technicians	0	0
Totals	4	32

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TW

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) rain (PM) rain TEMP.: (AM) 64 (PM) 74 RAINFALL (inches) _____

Day Number 16 Date 5/17/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. — Rain 60%

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	117,660
2	GCL		43,560		0	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	3	6
Totals	7	14

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seaming Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
TM 50	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 64 (PM) 89 RAINFALL (inches) _____

Day Number 17 Date 5/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL – clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		38,556	156,216
2	GDL		43,560		38,922	157,583
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	52.5
Totals	9	94.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TV

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) p.cloudy TEMP.: (AM) 65 (PM) 89 RAINFALL (inches) _____

Day Number 18 Date 5/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL to GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		18,277	174,493
2	GDL		43,560		17,755	175,338
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	48
Totals	9	90

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TT

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 68 (PM) 90 RAINFALL (inches) _____

Day Number 19 Date 6/2/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		44,065	218,558
2	GDL		43,560		42,133	217,471
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			A
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	5	57.5
Totals	9	103.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T 750	1
SKYTRAK 4-K	1
Field Test Fail %	Lab Test Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (Inches) _____

Day Number 20 Date 6/3/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		33,263	251,821
2	GDL		43,560		31,906	249,377
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	5	57.5
Totals	9	103.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. Sunny TEMP.: (AM) 70 (PM) 95 RAINFALL (inches) _____

Day Number 21 Date 6/4/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		33,473	285,294
2	GDL		43,560		35,612	284,989
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	4	46
Totals	8	92

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saving Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1

Supt Ali Malimar QCI Tran TRan

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 91 RAINFALL (Inches) ____

Day Number 22 Date 6/9/16 ☐ Work Day ☐ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	BCL		43,560		0	285,244
2	GDL		43,560		0	284,984
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N/A		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	4
Technicians	0	0
Totals		35

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat-bed	1
Kubota	1
Torch	2
Spec Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) cloudy (PM) p.sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 23 Date 6/10/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		45,842	331,136
2	GDL		43,560		41,589	326,578
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	3	46
Totals	7	80.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seam Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4E	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TT

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. sunny TEMP.: (AM) 68 (PM) 93 RAINFALL (Inches)

Day Number 24 Date 6/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		45,958	377,094
2	GDL		43,560		45,859	372,377
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	12
Foreman	1	12
Operators	1	12
QC	1	12
Technicians	3	36
Totals	7	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 25 Date 6/13/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up Stage Materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		37,99	415,013
2	GDL		43,560		39,403	411,780
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	12
Foreman	1	12
Operators	1	12
QC	1	12
Technicians	4	48
Totals	8	96

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4-14	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tram Tran

Job Name Savannah River Site D-Area Job # 4-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 96 RAINFALL (inches)

Day Number 26 Date 6/14/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - Clean up stage materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		12,116	427,129
2	GDL		43,560		10,483	422,263
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	4	44
Totals	8	88

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T-150	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

Cat 5. Break 15 mins per hr.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14708-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 94 RAINFALL (Inches) _____

Day Number 27 Date 6/15/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. clean up Rain day before.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	427,129
2	GDL		43,560		0	423,263
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10		
Weekend		4	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	4	8
Totals	8	16

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt. Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 74 (PM) 96 RAINFALL (inches) _____

Day Number 28 Date 6/16/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		21,103	448,232
2	GDL		43,560		14,583	436,846
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10		
Weekend		4	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	5
QC	1	11
Technicians	3	33
Totals	7	71

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T750	1
SKYTRAK 6K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p.Sunny TEMP.: (AM) 76 (PM) 97 RAINFALL (inches) _____

Day Number 29 Date 6/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting . Deploy GCL & GDL

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		14,590	462,822
2	GDL		43,560		17,092	453,938
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N/		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	0	0
QC	1	10.5
Technicians	4	41.5
Totals	7	73.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Marking	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

Sent Destruct Sample for GDL & GCL

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 92 RAINFALL (inches) _____

Day Number 30 Date 6/20/16 ☐ Work Day ☐ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	462,822
2	GDL				0	453,938
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	1	1	
Weekend			
Weather		1	
Total			

Personnel	No.	Hours
Superintendent	1	6.5
Foreman	1	6.5
Operators	1	6.5
QC	0	0
Technicians	1	7.5
Totals	4	27

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Skid Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-14	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 64 (PM) 92 RAINFALL (inches) _____

Day Number 31 Date 6/21/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety Meeting. Deploy GCL & GDL - Clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		45,560		28,731	491,553
2	GDL		43,460		30,942	484,880
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	3	33
Totals	7	77

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T 750	1
SKYTRAK 4-K 1	

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 70 (PM) 96 RAINFALL (inches)

Day Number 32 Date 6/22/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		27,580	519,133
2	GDL		43,560		24,468	509,348
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			
Weekend			
Weather		8	
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	4	42
Totals	8	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAIL 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimgr QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-28-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 96 RAINFALL (inches) _____

Day Number 33 Date 6/23/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety Meeting. Deploy GCL & GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		31,582	550,715
2	GDL		43,560		32,746	542,094
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10	8	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	4	40
Totals	8	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 75 (PM) 97 RAINFALL (inches) _____

Day Number 34 Date 6/24/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		31,045	581,760
2	GDL		43,560		30,399	575,493
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N	A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	8.5
QC	1	11.5
Technicians	4	42.5
Totals	8	85.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewmachine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.88-1356

WEATHER: (AM) Sunny (PM) sunny TEMP.: (AM) 73 (PM) 96 RAINFALL (inches) ____

Day Number 35 Date 6/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		15,638	603,398
2	GDL		43,560		12,998	598,443
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather	A		
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	7.5
QC	1	8.5
Technicians	3	20.5
Totals	7	51.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 70 (PM) 95 RAINFALL (inches) _____

Day Number 36 Date 6/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting · Deploy GCL + GDL clean up - rain 1500

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				31,751	631,360
2	GDL				30,646	~~613,926~~ 613,986
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	1	1	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	4	34
Totals	8	68

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p.cloudy (PM) cloudy TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 37 Date 6/28/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	631,360
2	GDL				0	613,986
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		0	
Work			
Weekend			
Weather	6		
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	0	0
QC	1	5
Technicians	2	10
Totals	5	25

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewer Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
L750	1
SKYTRAK 4-K	1
Field Test Fail %	Lab Test Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) cloudy (PM) rain TEMP.: (AM) 70 (PM) 94 RAINFALL (inches)

Day Number 39 Date 6/29/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. clean up
Deploy GCL to GDL - rain

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				3,799	635,159
2	GDL				3,206	617,192
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N/A	
Work			
Weekend	~~A~~		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	1	5
QC	1	5
Technicians	3	15
Totals	7	35

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Gooseneck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) P. Cloudy TEMP.: (AM) 78 (PM) 81 RAINFALL (Inches)

Day Number 39 Date 6/30/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL Rain - Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				22,190	657,349
2	GDL				25,761	642,953
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		AV	
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sea Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T150	1
SKYTRAK 4"K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) p. sunny (PM) p. cloudy TEMP.: (AM) 95 (PM) 76 RAINFALL (inches) _____

Day Number 40 Date 7/5/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				13,430	675,779
2	GDL				17,207	660,160
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			1
Work	N		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	2	22
Totals	6	66

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Skew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T780	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 97 (PM) 75 RAINFALL (inches) _____

Day Number 41 Date 7/6/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL. Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				7,134	682,913
2	GDL				6,916	667,076
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	4	4	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	2	19
Totals	6	57

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SkyTrak 42	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 76 (PM) 98 RAINFALL (inches) _____

Day Number 42 Date 7/7/16 ☐ Work Day ☑ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. clean up. Stage materials Wait for subgrade to dry out + No Go on Deployment

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				⊖	682,913
2	GDL				⊖	667,076
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		A
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	7.5
Foreman	1	7.5
Operators	1	7.5
QC	1	7.5
Technicians	2	7.5
Totals	6	45

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
1755B	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.136

WEATHER: (AM) Sunny (PM) sunny TEMP.: (AM) 82 (PM) 101 RAINFALL (Inches) _____

Day Number 43 Date 7/8/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,083	703,996
2	GDL				20,636	687,712
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work			A
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	2	17
Totals	6	51

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TW

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 98 RAINFALL (inches) _____

Day Number 44 Date 7/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting · Deploy GCL & GDL Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,156	725,152
2	GDL				17,879	705,591
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N	A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	1	10
Totals	5	50

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Rw machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 98 RAINFALL (inches) _____

Day Number 45 Date 7/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,011	746,163
2	GDL				20,636	726,227
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		A	
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	2	19
Totals	6	57

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Slu Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Maliman QCI Trap Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 99 RAINFALL (inches) _____

Day Number 46 Date 7/13/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting, Deploy GCL + GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				24,173	770,336
2	GDL				26,267	752,494
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Forch	2
Seed Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKY TRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1256

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 75 (PM) 98 RAINFALL (inches) ____

Day Number 47 Date 7/14/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meting. Stage materials Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				25,130	795,466
2	GDL				26,541	779,035
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			A
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seamachine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T756	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1 | TU 1 | W 1 | TH 1 | F 1 X | S 1 | SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-135

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 72 (PM) 98 RAINFALL (inches) ____

Day Number 48 Date 7/15/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL to GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				24,441	819,957
2	GDL				23,927	802,962
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N/A		
Weekend		2	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Dew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River site D-Area Job # 14.02.1356

WEATHER: (AM) rain (PM) rain TEMP.: (AM) 73 (PM) 83 RAINFALL (Inches) _____

Day Number 49 Date 7/16/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Subgrade to wet to deploy.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	819,957
2	GDL				0	802,960
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	22
Operators	1	2
QC	0	0
Technicians	5	10
Totals	9	16

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-356

WEATHER: (AM) cloudy (PM) cloudy TEMP.: (AM) 72 (PM) 84 RAINFALL (Inches) _____

Day Number 50 Date 7/18/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting- Subgrade to wet to deploy

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	819,958
2	GDL				0	802,962
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N/		
Weekend			
Weather			A
Total			

Personnel	No.	Hours
Superintendent	1	8
Foreman	1	8
Operators	1	2
QC	2	16
Technicians	5	40
Totals	9	76

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T750	1
SKYTRAK 4K	

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tron

Job Name Savannah River Site D Area Job # 14.08.1256

WEATHER: (AM) P. Sunny (PM) P. Sunny TEMP.: (AM) 72 (PM) 88 RAINFALL (inches) _____

Day Number 51 Date 7/20/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean-up. Stage materials — Rain

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				20,540	840,497
2	GDL				18,208	821,170
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			
Weekend		H	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	5	47.5
Totals	9	85.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T-150	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 90 RAINFALL (inches) _____

Day Number 52 Date 7/20/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL to GDL clean up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				16,371	856,868
2	GDL				17,598	838,768
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	M		
Weekend		Ab	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	8.5
QC	1	8.5
Technicians	3	20.5
Totals	7	56.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1 | TU 1 | W 1 | TH 1 | F 1 | S 1 | SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 92 RAINFALL (inches) ____

Day Number 53 Date 7/23/14 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up. Stage Materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				15,053	871,921
2	GDL				13,029	851,797
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather		A	
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	4	38
Totals	8	76

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1 | TU 1 | W 1 | TH 1 | F 1 | S 1 | SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 73 (PM) 93 RAINFALL (Inches) ____

Day Number 54 Date 9/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				23,907	815,823
2	GDL				21,879	873,676
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	5	42.5
Totals	9	76.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generato	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 78 (PM) 95 RAINFALL (inches) _____

Day Number 55 Date 7/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploys GCL + GDL Clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				25,615	921,473
2	GDL				27,686	901,362
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		N	
Weekend			
Weather		A	
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	5	40.5
Totals	9	76.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
TTS	1
SKYTRAK-41K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QC Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 75 (PM) 95 RAINFALL (Inches) _____

Day Number 56 Date 7/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL Clean up!

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				26,960	948,433
2	GDL				28,152	929,514
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work			10
Weekend		2	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	52.5
Totals	9	94.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T750	1
SKYTRAK 4K.1	

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

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APPENDIX S3

GDL Panel Placement Report

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Envirocon

Monday, November 14, 2016

The following packet contains the following information for Subcontract #196912:

- GDL Panel Placement Summary
  - May 4, 2016 through May 5, 2016
  - May 5, 2016, through May 9, 2016
  - May 9, 2016 through May 11, 2016
  - May 11, 2016 through May 25, 2016
  - May 25, 2016 through May 26, 2016
  - May 26, 2016 through June 2, 2016
  - June 3, 2016
  - June 4, 2016
  - June 10, 2016
  - June 10, 2016 through June 11, 2016
  - June 11, 2016 through June 13, 2016
  - June 13, 2016 through June 14, 2016
  - June 14, 2016 through June 16, 2016
  - June 16, 2016 through June 17, 2016
  - June 17, 2016 through June 21, 2016
  - June 21, 2016 through June 22, 2016
  - June 22, 2016 through June 23, 2016
  - June 23, 2016 through June 24, 2016
  - June 24, 2016 through June 25, 2016
  - June 25, 2016 through June 27, 2016
  - June 27, 2016 through June 30, 2016
  - June 30, 2016 through July 5, 2016
  - July 5, 2016 through July 8, 2016
  - July 8, 2016 through July 11, 2016
  - July 11, 2016 through July 12, 2016
  - July 12, 2016 through July 13, 2016
  - July 13, 2016 through July 14, 2016
  - July 14, 2016 through July 15, 2016
  - July 15, 2016 through July 20, 2016
  - July 20, 2016 through July 22, 2016
  - July 22, 2016 through July 23, 2016
  - July 23, 2016 through July 25, 2016
  - July 25, 2016 through July 26, 2016
  - July 26, 2016 through July 27, 2016

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- GDL Daily Panel Placement Reports
  - May 4, 2016
  - May 5, 2016
  - May 6, 2016
  - May 9, 2016
  - May 10, 2016
  - May 11, 2016
  - May 12, 2016
  - May 25, 2016
  - May 26, 2016
  - June 2, 2016
  - June 3, 2016
  - June 4, 2016
  - June 10, 2016
  - June 11, 2016
  - June 13, 2016
  - June 14, 2016
  - June 16, 2016
  - June 17, 2016
  - June 21, 2016
  - June 22, 2016
  - June 23, 2016
  - June 24, 2016
  - June 25, 2016
  - June 27, 2016
  - June 29, 2016
  - June 30, 2016
  - July 5, 2016
  - July 6, 2016
  - July 8, 2016
  - July 11, 2016
  - July 12, 2016
  - July 13, 2016
  - July 14, 2016
  - July 15, 2016
  - July 20, 2016
  - July 22, 2016
  - July 23, 2016
  - July 25, 2016
  - July 26, 2016

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- July 27, 2016

- GDL Repair Log
  - May 4 2016 through June 4, 2016
  - June 4, 2016 through July 26, 2016
- GDL Repair Report
  - May 4, 2016 through May 11, 2016
  - May 11, 2016 through June 4, 2016
  - June 16, 2016 through July 20, 2016
  - July 20, 2016 through July 26, 2016
- GDL Daily Progress Reports
  - April 26, 2016
  - April 27, 2016
  - April 28, 2016
  - May 2, 2016
  - May 3, 2016
  - May 4, 2016
  - May 5, 2016
  - May 6, 2016
  - May 7, 2016
  - May 9, 2016
  - May 10, 2016
  - May 11, 2016
  - May 12, 2016
  - May 13, 2016
  - May 16, 2016
  - May 17, 2016
  - May 25, 2016
  - May 26, 2016
  - June 2, 2016
  - June 3, 2016
  - June 4, 2016
  - June 9, 2016
  - June 10, 2016
  - June 11, 2016
  - June 13, 2016
  - June 14, 2016
  - June 15, 2016
  - June 16, 2016
  - June 17, 2016
  - June 20, 2016

Envirocon

- June 21, 2016
- June 22, 2016
- June 23, 2016
- June 24, 2016
- June 25, 2016
- June 27, 2016
- June 28, 2016
- June 29, 2016
- June 30, 2016
- July 5, 2016
- July 6, 2016
- July 7, 2016
- July 8, 2016
- July 11, 2016
- July 12, 2016
- July 13, 2016
- July 14, 2016
- July 15, 2016
- July 16, 2016
- July 18, 2016
- July 20, 2016
- July 22, 2016
- July 23, 2016
- July 25, 2016
- July 26, 2016
- July 27, 2016

Based on the observations of geosynthetics deployment and review of the following testing and inspection reports, I hereby certify that all documents included within this packet are in compliance with the contract specifications and drawings.

R. Scott Ribes 11-14-16

R. Scott Ribes, P.E.

4 of 4

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-1	G15E393207	5/4/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-2	G15E393207	5/4/16	137.00	137.00	137.00	14.00	14.00	14.00	-	-	1,918	-	-	1,918	2016
D-3	G15E393200	5/4/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-4	G15E393200	5/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-5	G15E387402	5/4/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-6	G15E387402	5/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-7	G15E387416	5/4/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-8	G15E387416	5/4/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2132
D-9	G15E391057	5/4/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277
D-10	G15E391056	5/4/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-11	G15E393238	5/4/16	172.00	172.00	172.00	14.00	14.00	14.00	-	-	2,408	-	-	2,408	2523
D-12	G15E393213	5/4/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-13	G15E393202	5/5/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-14	G15E393202	5/5/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-15	G15E387417	5/5/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-16	G15E387417	5/5/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-17	G15E387381	5/5/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-18	G15E387381	5/5/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-19	G15E393168	5/5/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-20	G15E393168	5/5/16	191.00	191.00	191.00	14.00	14.00	14.00	-	-	2,674	-	-	2,674	2784
D-21	G15E386366	5/5/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-22	G15E386366	5/5/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-23	G15E391040	5/5/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-24	G15E386335	5/5/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277
D-25	G15E387394	5/5/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-26	G15E387380	5/5/16	107.00	107.00	107.00	14.00	14.00	14.00	-	-	1,498	-	-	1,498	1566

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-27	G15E393227	5/5/16	159.00	159.00	159.00	14.00	14.00	14.00	-	-	2,226	-	-	2,226	2320
D-28	G15E391052	5/6/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-29	G15E391052	5/6/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-30	G15E387390	5/6/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-31	G15E387390	5/6/16	140.00	140.00	140.00	14.00	14.00	14.00	-	-	1,960	-	-	1,960	2045
D-32	G15E391060	5/6/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-33	G15E391060	5/6/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-34	G15E386338	5/6/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-35	G15E386338	5/6/16	137.00	132.00	134.50	14.00	14.00	14.00	-	-	1,883	-	-	1,883	1965
D-36	G15E386338	5/6/16	10.00	14.50	12.25	14.00	14.00	14.00	-	-	172	-	-	172	196
D-37	G15E387380	5/6/16	14.50	25.00	19.75	14.00	14.00	14.00	-	-	277	-	-	277	308
D-38	G15E387378	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-39	G15E387378	5/9/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-40	G15E391071	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-41	G15E391071	5/9/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-42	G15E391068	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-43	G15E391068	5/9/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2175
D-44	G15E387418	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-45	G15E387418	5/9/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-46	G15E391069	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-47	G15E391069	5/9/16	142.00	131.00	136.50	14.00	14.00	14.00	-	-	1,911	-	-	1,911	1994
D-48	G15E386342	5/9/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-49	G15E386342	5/9/16	131.00	122.00	126.50	14.00	14.00	14.00	-	-	1,771	-	-	1,771	1849
D-50	G15E386322	5/9/16	48.00	39.00	43.50	14.00	14.00	14.00	-	-	609	-	-	609	645
D-51	G15E386322	5/9/16	39.00	29.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	515

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-52	G15E386322	5/9/16	29.00	14.00	21.50	14.00	14.00	14.00	-	-	301	-	-	301	334
D-53	G15E386342	5/9/16	14.00	3.00	8.50	14.00	14.00	14.00	-	-	119	-	-	119	138
D-54	G15E391067	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-55	G15E391067	5/10/16	122.00	110.00	116.00	14.00	14.00	14.00	-	-	1,624	-	-	1,624	1697
D-56	G15E391042	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-57	G15E391042	5/10/16	110.00	97.00	103.50	14.00	14.00	14.00	-	-	1,449	-	-	1,449	1515
D-58	G15E387448	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-59	G15E387448	5/10/16	97.00	85.00	91.00	14.00	14.00	14.00	-	-	1,274	-	-	1,274	1334
D-60	G15E391066	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	232
D-61	G15E391066	5/10/16	85.00	72.00	78.50	14.00	14.00	14.00	-	-	1,099	-	-	1,099	1153
D-62	G15E387445	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-63	G15E387445	5/10/16	72.00	59.00	65.50	14.00	14.00	14.00	-	-	917	-	-	917	964
D-64	G15E391066	5/10/16	11.00	14.00	12.50	14.00	14.00	14.00	-	-	175	14	49	224	239
D-65	G15E391066	5/10/16	59.00	42.00	50.50	14.00	14.00	14.00	-	-	707	-	-	707	747
D-66	G15E387445	5/10/16	14.00	23.00	18.50	14.00	14.00	14.00	-	-	259	14	49	308	334
D-67	G15E387445	5/10/16	42.00	19.00	30.50	14.00	14.00	14.00	-	-	427	-	-	427	457
D-68	G15E387445	5/10/16	24.00	33.00	28.50	7.00	7.50	7.25	-	-	207	7	25	231	264
D-69	G15E387448	5/10/16	-	-	-	-	-	-	18.00	8.50	77	-	-	77	86
D-70	G15E387448	5/10/16	39.00	28.00	33.50	14.00	14.00	14.00	-	-	469	14	49	518	566
D-71	G15E387446	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-72	G15E387446	5/10/16	54.00	41.00	47.50	14.00	14.00	14.00	-	-	665	-	-	665	703
D-73	G15E387446	5/10/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-74	G15E387446	5/10/16	41.00	19.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	450
D-75	G15E387446	5/10/16	11.00	13.00	12.00	14.00	14.00	14.00	-	-	168	14	49	217	239
D-76	G15E387446	5/10/16	16.00	10.00	13.00	7.50	7.50	7.50	-	-	98	-	-	98	112
D-77	G15E387446	5/10/16	-	-	-	-	-	-	13.00	7.00	46	7	25	70	108
D-78	G15E391070	5/11/16	57.00	71.00	64.00	14.00	14.00	14.00	-	-	896	-	-	896	928

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-79	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-80	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-81	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-82	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-83	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-84	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-85	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-86	G15E391070	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-87	G15E387449	5/11/16	71.00	86.00	78.50	14.00	14.00	14.00	-	-	1,099	-	-	1,099	1138
D-88	G15E387427	5/11/16	86.00	103.00	94.50	14.00	14.00	14.00	-	-	1,323	-	-	1,323	1370
D-89	G15E387437	5/11/16	103.00	120.00	111.50	14.00	14.00	14.00	-	-	1,561	-	-	1,561	1617
D-90	G15E387425	5/11/16	120.00	130.00	125.00	14.00	14.00	14.00	-	-	1,750	-	-	1,750	1813
D-91	G15E387426	5/11/16	129.00	152.00	140.50	14.00	14.00	14.00	-	-	1,967	-	-	1,967	2045
D-92	G15E391005	5/11/16	170.00	170.00	170.00	14.00	14.00	14.00	-	-	2,380	-	-	2,380	2480
D-93	G15E387443	5/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-94	G15E387443	5/11/16	11.00	11.00	11.00	8.00	8.00	8.00	-	-	88	8	28	116	124
D-95	G15387441	5/11/16	143.00	143.00	143.00	8.00	8.00	8.00	-	-	1,144	-	-	1,144	1160
D-96	G15E387438	5/11/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2146
D-97	G15E387419	5/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-98	G15E387438	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	232
D-99	G15E387419	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-100	G15E391002	5/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-101	G15E391002	5/11/16	142.00	142.00	142.00	14.00	14.00	14.00	-	-	1,988	-	-	1,988	2088
D-102	G15E387427	5/11/16	24.00	43.00	33.50	14.00	14.00	14.00	-	-	469	-	-	469	486
D-103	G15E387437	5/11/16	43.00	43.00	43.00	8.00	8.00	8.00	-	-	344	-	-	344	344
D-104	G15E387449	5/11/16	55.00	55.00	55.00	14.00	14.00	14.00	-	-	770	-	-	770	827
D-105	G15E387426	5/11/16	53.00	53.00	53.00	14.00	14.00	14.00	-	-	742	-	-	742	769

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-106	G15E387426	5/11/16	55.00	55.00	55.00	14.00	14.00	14.00	-	-	770	-	-	770	798
D-107	G15E387439	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-108	G15E387439	5/12/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-109	G15E387420	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	214
D-110	G15E387420	5/12/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-111	G15E387424	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	218
D-112	G15E387424	5/12/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-113	G15E391004	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	225
D-114	G15E391004	5/12/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-115	G15E391045	5/12/16	54.00	54.00	54.00	14.00	14.00	14.00	-	-	756	-	-	756	798
D-116	G15E391045	5/12/16	54.00	54.00	54.00	14.00	14.00	14.00	-	-	756	-	-	756	798
D-17	G15E391045	5/12/16	51.00	51.00	51.00	14.00	14.00	14.00	-	-	714	-	-	714	754
D-118	G15E387426	5/12/16	50.00	50.00	50.00	14.00	14.00	14.00	-	-	700	-	-	700	740
D-119	G15E391046	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	232
D-120	G15E391046	5/12/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117
D-121	G15E391039	5/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	14	49	203	210
D-122	G15E391039	5/12/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-123	G15E387377	5/12/16	52.00	52.00	52.00	14.00	14.00	14.00	-	-	728	-	-	728	754
D-124	G15E387377	5/12/16	48.00	48.00	48.00	14.00	14.00	14.00	-	-	672	-	-	672	711
D-125	G15E387377	5/12/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	218
D-126	G15E387377	5/12/16	17.00	17.00	17.00	14.00	14.00	14.00	-	-	238	-	-	238	247
D-127	G15E391067	5/12/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	406
D-128	G15E387429	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-129	G15E387429	5/25/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-130	G15E393192	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-131	G15E393192	5/25/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-132	G15E387396	5/25/16	158.00	158.00	158.00	7.00	7.00	7.00	-	-	1,106	-	-	1,106	1106
D-133	G15E393193	5/25/16	10.00	10.00	10.00	7.00	7.00	7.00	-	-	70	7	25	95	98
D-134	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-135	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-136	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	196
D-137	G15E387398	5/25/16	150.00	150.00	150.00	14.00	14.00	14.00	-	-	2,100	14	49	2,149	2190
D-138	G15E393189	5/25/16	165.00	165.00	165.00	14.00	14.00	14.00	-	-	2,310	-	-	2,310	2407
D-139	G15E392156	5/25/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-140	G15E393191	5/25/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-141	G15E393203	5/25/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-142	G15E393198	5/25/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-143	G15E393190	5/25/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-144	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-145	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-146	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-147	G15E393193	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-148	G15E393194	5/25/16	101.00	101.00	101.00	14.00	14.00	14.00	-	-	1,414	-	-	1,414	1479
D-149	G15E393194	5/25/16	45.00	45.00	45.00	14.00	14.00	14.00	-	-	630	-	-	630	682
D-150	G15E387435	5/25/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	870
D-151	G15E387396	5/25/16	94.00	94.00	94.00	6.50	6.50	6.50	-	-	611	-	-	611	665
D-152	G15E387435	5/25/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1349
D-153	G15E391006	5/25/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	232
D-154	G15E391006	5/25/16	90.00	90.00	90.00	14.00	14.00	14.00	-	-	1,260	-	-	1,260	1320
D-155	G15E391006	5/25/16	50.00	50.00	50.00	14.00	14.00	14.00	-	-	700	-	-	700	740
D-156	G15E387410	5/25/16	53.00	53.00	53.00	14.00	14.00	14.00	-	-	742	-	-	742	783
D-157	G15E387410	5/25/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1349

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-158	G15E391001	5/25/16	23.00	23.00	23.00	14.00	14.00	14.00	-	-	322	-	-	322	348
D-159	G15E391001	5/25/16	113.00	113.00	113.00	14.00	14.00	14.00	-	-	1,582	-	-	1,582	1653
D-160	G15E391001	5/25/16	18.00	18.00	18.00	14.00	14.00	14.00	-	-	252	-	-	252	276
D-161	G15E387428	5/25/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1363
D-162	G15E387428	5/25/16	57.00	57.00	57.00	14.00	14.00	14.00	-	-	798	-	-	798	856
D-163	G15E387409	5/25/16	54.00	54.00	54.00	14.00	14.00	14.00	-	-	756	-	-	756	798
D-164	G15E387409	5/25/16	85.00	85.00	85.00	14.00	14.00	14.00	-	-	1,190	-	-	1,190	1247
D-165	G15E392156	5/25/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-166	G15E387447	5/25/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-167	G15E387450	5/25/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-168	G15E387450	5/26/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-169	G15E387450	5/26/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-170	G15E387450	5/26/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-171	G15E387450	5/26/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-172	G15E387450	5/26/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-173	G15E391003	5/26/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1639
D-174	G15E391048	5/26/16	111.00	111.00	111.00	14.00	14.00	14.00	-	-	1,554	-	-	1,554	1639
D-175	G15E391058	5/26/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1639
D-176	G15E391043	5/26/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1639
D-177	G15E391065	5/26/16	112.00	112.00	112.00	9.50	9.00	9.25	-	-	1,036	-	-	1,036	1130
D-178	G15E391003	5/26/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	624
D-179	G15E391048	5/26/16	44.00	44.00	44.00	14.00	14.00	14.00	-	-	616	-	-	616	653
D-180	G15E391058	5/26/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	624
D-181	G15E391043	5/26/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	609
D-182	G15E387391	5/26/16	105.00	105.00	105.00	14.00	14.00	14.00	-	-	1,470	-	-	1,470	1537
D-183	G15E387391	5/26/16	49.00	49.00	49.00	14.00	14.00	14.00	-	-	686	-	-	686	725
D-184	G15E391047	5/26/16	53.00	53.00	53.00	14.00	14.00	14.00	-	-	742	-	-	742	769

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book					
										Totals to Date	**214,797**	**1,065**	**3,728**	**218,525**	**229,655**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-185	G15E391047	5/26/16	100.00	100.00	100.00	14.00	14.00	14.00	-	-	1,400	-	-	1,400	1465
D-186	G15E386365	5/26/16	99.00	99.00	99.00	14.00	14.00	14.00	-	-	1,386	-	-	1,386	1450
D-187	G15E387450	5/26/16	5.50	5.50	5.50	14.00	14.00	14.00	-	-	77	-	-	77	87
D-188	G15E391054	5/26/16	147.00	147.00	147.00	7.00	7.00	7.00	-	-	1,029	-	-	1,029	1332
D-189	G15E391053	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-190	G15E391053	6/2/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-191	G15E391062	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-192	G15E391062	6/2/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2146
D-193	G15E391044	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-194	G15E391044	6/2/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-195	G15E391055	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-196	G15E391055	6/2/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2117
D-197	G15E387406	6/2/16	115.00	115.00	115.00	14.00	14.00	14.00	-	-	1,610	-	-	1,610	1697
D-198	G15E387406	6/2/16	36.00	36.00	36.00	14.00	14.00	14.00	-	-	504	-	-	504	551
D-199	G15E391059	6/2/16	75.00	75.00	75.00	14.00	14.00	14.00	-	-	1,050	-	-	1,050	1102
D-200	G15E391059	6/2/16	84.00	84.00	84.00	14.00	14.00	14.00	-	-	1,176	-	-	1,176	1233
D-201	G15E386365	6/2/16	51.00	51.00	51.00	14.00	14.00	14.00	-	-	714	-	-	714	754
D-202	G15E387408	6/2/16	37.00	37.00	37.00	14.00	14.00	14.00	-	-	518	-	-	518	566
D-203	G15E387408	6/2/16	63.00	63.00	63.00	14.00	14.00	14.00	-	-	882	-	-	882	928
D-204	G15E387444	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-205	G15E387444	6/2/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-206	G15E387407	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-207	G15E387407	6/2/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117
D-208	G15E387415	6/2/16	115.00	115.00	115.00	14.00	14.00	14.00	-	-	1,610	-	-	1,610	1697
D-209	G15E387415	6/2/16	35.00	35.00	35.00	14.00	14.00	14.00	-	-	490	-	-	490	522
D-210	G15E387405	6/2/16	82.00	82.00	82.00	14.00	14.00	14.00	-	-	1,148	-	-	1,148	1204

Panel Placement Summary

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

											Totals From Previous Book				
											Totals to Date	214,797	1,065	3,728	218,525	229,655
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-211	G15E387411	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	232
D-212	G15E387411	6/2/16	140.00	140.00	140.00	14.00	14.00	14.00	-	-	1,960	-	-	1,960	2059
D-213	G15E391018	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-214	G15E391018	6/2/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-215	G15E391015	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-216	G15E391015	6/2/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-217	G15E387442	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-218	G15E387442	6/2/16	142.00	142.00	142.00	14.00	14.00	14.00	-	-	1,988	-	-	1,988	2088
D-219	G15E387401	6/2/16	118.00	118.00	118.00	14.00	14.00	14.00	-	-	1,652	-	-	1,652	1726
D-220	G15E391016	6/2/16	117.00	117.00	117.00	14.00	14.00	14.00	-	-	1,638	-	-	1,638	1711
D-221	G15E387432	6/2/16	116.00	116.00	116.00	14.00	14.00	14.00	-	-	1,624	-	-	1,624	1697
D-222	G15E387434	6/2/16	116.00	116.00	116.00	14.00	14.00	14.00	-	-	1,624	-	-	1,624	1711
D-223	G15E387404	6/2/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-224	G15E387404	6/2/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117
D-225	G15E387430	6/2/16	116.00	116.00	116.00	14.00	14.00	14.00	-	-	1,624	-	-	1,624	1697

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
							Totals to Date				**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-226	G15E387440	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-227	G15E387440	6/3/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2161
D-228	G15E391073	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-229	G15E391073	6/3/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-230	G15E387433	6/3/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1813
D-231	G15E387433	6/3/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	479
D-232	G15E387403	6/3/16	90.00	90.00	90.00	14.00	14.00	14.00	-	-	1,260	-	-	1,260	1334
D-233	G15E384226	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-234	G15E384226	6/3/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2161
D-235	G15E392116	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-236	G15E392116	6/3/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2175
D-237	G15E387431	6/3/16	126.00	126.00	126.00	14.00	14.00	14.00	-	-	1,764	-	-	1,764	1842
D-238	G15E387431	6/3/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	464
D-239	G15E387403	6/3/16	64.00	64.00	64.00	14.00	14.00	14.00	-	-	896	-	-	896	943
D-240	G15E387430	6/3/16	34.00	34.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	522
D-241	G15E387422	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-242	G15E387422	6/3/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2161
D-243	G15E392090	6/3/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1813
D-244	G15E387423	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-245	G15E387423	6/3/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-246	G15E392123	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-247	G15E392123	6/3/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-248	G15E392033	6/3/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1813
D-249	G15E387421	6/3/16	124.00	124.00	124.00	14.00	14.00	14.00	-	-	1,736	-	-	1,736	1813
D-250	G15E392086	6/3/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-251	G15E392086	6/3/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2175
D-252	G15E392085	6/3/16	122.00	122.00	122.00	14.00	14.00	14.00	-	-	1,708	-	-	1,708	1784

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				214,797	1,065	3,728	219,590	229,655
							Totals to Date				454,536	1,923	6,729	462,330	485,079
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-253	G15E392121	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-254	G15E392121	6/4/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-255	G15E393169	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-256	G15E393169	6/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-257	G15E393199	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-258	G15E393199	6/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-259	G15E393208	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-260	G15E393208	6/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-261	G15E387400	6/4/16	125.00	125.00	125.00	14.00	14.00	14.00	-	-	1,750	-	-	1,750	1827
D-262	G15E392126	6/4/16	126.00	126.00	126.00	14.00	14.00	14.00	-	-	1,764	-	-	1,764	1856
D-263	G15E392120	6/4/16	126.00	126.00	126.00	14.00	14.00	14.00	-	-	1,764	-	-	1,764	1842
D-264	G15E387382	6/4/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-265	G15E387393	6/4/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-266	G15E393197	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-267	G15E393197	6/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-268	G15E393206	6/4/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-269	G15E387386	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-270	G15E387386	6/4/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-271	G15E393204	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-272	G15E387392	6/4/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-273	G15E387389	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-274	G15E387389	6/4/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117
D-275	G15E387392	6/4/16	121.00	121.00	121.00	14.00	14.00	14.00	-	-	1,694	-	-	1,694	1769
D-276	G15E387397	6/4/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-277	G15E387397	6/4/16	138.00	138.00	138.00	14.00	14.00	14.00	-	-	1,932	-	-	1,932	2030
D-278	G15E393217	6/4/16	124.00	124.00	124.00	14.00	14.00	14.00	-	-	1,736	-	-	1,736	1813
D-279	G15E387388	6/4/16	131.00	131.00	131.00	14.00	14.00	14.00	-	-	1,834	-	-	1,834	1929

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				214,797	1,065	3,728	219,590	229,655
							Totals to Date				454,536	1,923	6,729	462,330	485,079
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-280	G15E387375	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-281	G15E387375	6/10/16	136.00	136.00	136.00	14.00	14.00	14.00	-	-	1,904	-	-	1,904	2117
D-282	G15E387374	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-283	G15E387374	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175
D-284	G15E387379	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-285	G15E387379	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175
D-286	G15E386358	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-287	G15E386358	6/10/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2175
D-288	G15E386370	6/10/16	10.00	10.00	10.00	7.00	7.00	7.00	-	-	70	7	25	95	120
D-289	G15E386370	6/10/16	151.00	151.00	151.00	7.00	7.00	7.00	-	-	1,057	-	-	1,057	1216
D-290	G15E387372	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-291	G15E387372	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2190
D-292	G15E387371	6/10/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-293	G15E392128	6/10/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-294	G15E386369	6/10/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2269
D-295	G15E386356	6/10/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-296	G15E386367	6/10/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2262
D-297	G15E386362	6/10/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-298	G15E392112	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-299	G15E392112	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175
D-300	G15E386359	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-301	G15E386359	6/10/16	148.00	148.00	148.00	14.00	14.00	14.00	-	-	2,072	-	-	2,072	2175
D-302	G15E393171	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-303	G15E393171	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2190
D-304	G15E386363	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-305	G15E386363	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2190
D-306	G15E386368	6/10/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	225
D-307	G15E386368	6/10/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
										Totals to Date	**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-308	G15E392159	6/10/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-309	G15E386364	6/10/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-310	G15E392162	6/10/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2269
D-311	G15E392163	6/10/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2240
D-312	G15E392160	6/10/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2248
D-313	G15E392153	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-314	G14E392153	6/11/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-315	G15E393167	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-316	G15E393167	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-317	G15E392165	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	232
D-318	G15E392165	6/11/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-319	G15E386360	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	218
D-320	G15E386360	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-321	G15E392166	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-322	G15E392166	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-323	G15E392164	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-324	G15E392164	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-325	G15E386370	6/11/16	10.00	10.00	10.00	6.00	6.00	6.00	-	-	60	6	21	81	105
D-326	G15E386370	6/11/16	135.00	135.00	135.00	6.00	6.00	6.00	-	-	810	-	-	810	973
D-327	G15E392158	6/11/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2248
D-328	G15E387385	6/11/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-329	G15E392157	6/11/16	130.00	130.00	130.00	14.00	14.00	14.00	-	-	1,820	-	-	1,820	1914
D-330	G15E392161	6/11/16	126.00	126.00	126.00	14.00	14.00	14.00	-	-	1,764	-	-	1,764	1856
D-331	G15E387383	6/11/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-332	G15E393170	6/11/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-333	G15E387384	6/11/16	136.00	136.00	136.00	6.50	6.50	6.50	-	-	884	-	-	884	1088
D-334	G15E387387	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
										Totals to Date	**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-335	G15E387387	6/11/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-336	G15E387399	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-337	G15E387399	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-338	G15E392144	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-339	G15E392144	6/11/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2161
D-340	G15E386339	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-341	G15E386339	6/11/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2161
D-342	G15E392094	6/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-343	G15E392094	6/11/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2161
D-344	G15E386351	6/11/16	125.00	125.00	125.00	14.00	14.00	14.00	-	-	1,750	-	-	1,750	1813
D-345	G15E392095	6/11/16	128.00	128.00	128.00	14.00	14.00	14.00	-	-	1,792	-	-	1,792	1871
D-346	G15E392101	6/11/16	125.00	125.00	125.00	14.00	14.00	14.00	-	-	1,750	-	-	1,750	1827
D-347	G15E393211	6/11/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-348	G15E392117	6/11/16	125.00	125.00	125.00	14.00	14.00	14.00	-	-	1,750	-	-	1,750	1827
D-349	G15E392119	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-350	G15E392119	6/13/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-351	G15E392127	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-352	G15E392127	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-353	G15E392092	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	196
D-354	G15E392092	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-355	G15E386355	6/13/16	128.00	128.00	128.00	14.00	14.00	14.00	-	-	1,792	-	-	1,792	1871
D-356	G15E386357	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-357	G15E386361	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-358	G15E392107	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-359	G15E392107	6/13/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-360	G15E392110	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-361	G15E392110	6/13/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				214,797	1,065	3,728	219,590	229,655
							Totals to Date				454,536	1,923	6,729	462,330	485,079
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-362	G15E387373	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	196
D-363	G15E387373	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-364	G15E387376	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-365	G15E392113	6/13/16	124.00	124.00	124.00	14.00	14.00	14.00	-	-	1,736	-	-	1,736	1813
D-366	G15E392109	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1813
D-367	G15E386334	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-368	G15E386334	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-369	G15E386348	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-370	G15E386348	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-371	G15E386350	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-372	G15E386350	6/13/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-373	G15E392100	6/13/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-374	G15E392100	6/13/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-375	G15E392097	6/13/16	122.00	122.00	122.00	14.00	14.00	14.00	-	-	1,708	-	-	1,708	1784
D-376	G15E392104	6/13/16	122.00	122.00	122.00	14.00	14.00	14.00	-	-	1,708	-	-	1,708	1784
D-377	G15E392108	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-378	G15E386352	6/13/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-379	G15E392084	6/14/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-380	G15E392084	6/14/16	122.00	109.00	115.50	14.00	14.00	14.00	-	-	1,617	-	-	1,617	1697
D-381	G15E392084	6/14/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-382	G15E392084	6/14/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	210
D-383	G15E392089	6/14/16	108.00	98.00	103.00	14.00	14.00	14.00	-	-	1,442	-	-	1,442	1523
D-384	G14E392089	6/14/16	59.00	48.00	53.50	14.00	14.00	14.00	-	-	749	-	-	749	790
D-385	G15E391042	6/14/16	48.00	38.00	43.00	14.00	14.00	14.00	-	-	602	-	-	602	638
D-386	G15E387425	6/14/16	32.00	20.00	26.00	14.00	14.00	14.00	-	-	364	-	-	364	399
D-387	G15E386322	6/14/16	51.00	36.00	43.50	14.00	14.00	14.00	-	-	609	-	-	609	645
D-388	G15E387427	6/14/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	196

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
							Totals to Date				**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-389	G15E392090	6/14/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	493
D-390	G15E387400	6/14/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	479
D-391	G15E387405	6/14/16	37.00	37.00	37.00	14.00	14.00	14.00	-	-	518	-	-	518	551
D-392	G15E387405	6/14/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	14	49	189	203
D-393	G15E387405	6/14/16	3.00	3.00	3.00	14.00	14.00	14.00	-	-	42	-	-	42	58
D-394	G15E387405	6/14/16	6.00	6.00	6.00	14.00	14.00	14.00	-	-	84	-	-	84	116
D-395	G15E387380	6/14/16	31.00	12.00	21.50	14.00	14.00	14.00	-	-	301	-	-	301	334
D-396	G15E387395	6/14/16	32.00	35.00	33.50	14.00	14.00	14.00	-	-	469	5	16	485	500
D-397	G15E387395	6/14/16	10.00	11.00	10.50	14.00	14.00	14.00	-	-	147	14	49	196	218
D-398	G15E387395	6/14/16	11.00	13.00	12.00	14.00	14.00	14.00	-	-	168	14	49	217	232
D-399	G15E387395	6/14/16	13.00	28.00	20.50	14.00	14.00	14.00	-	-	287	14	49	336	355
D-400	G15E387395	6/14/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	14	49	441	493
D-401	G15E387395	6/14/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	42	147	539	479
D-402	G15E387405	6/14/16	8.00	4.00	6.00	14.00	14.00	14.00	-	-	84	-	-	84	102
D-403	G15E392122	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-404	G15E392122	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-405	G15E392122	6/16/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	428
D-406	G15E392122	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-407	G15E392122	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	413
D-408	G15E392088	6/16/16	98.00	83.00	90.50	14.00	14.00	14.00	-	-	1,267	-	-	1,267	1312
D-409	G15E392088	6/16/16	35.00	35.00	35.00	14.00	14.00	14.00	-	-	490	-	-	490	508
D-410	G15E292088	6/16/16	21.00	31.00	26.00	14.00	14.00	14.00	-	-	364	-	-	364	384
D-411	G15E392118	6/16/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	261
D-412	G15E392118	6/16/16	51.00	60.00	55.50	14.00	14.00	14.00	-	-	777	-	-	777	808
D-413	G15E392118	6/16/16	51.00	83.00	67.00	14.00	14.00	14.00	-	-	938	-	-	938	986
D-414	G15E392087	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-415	G15E392087	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-416	G15E392087	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	413

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
										Totals to Date	**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-417	G15E392087	6/16/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	413
D-418	G15E392087	6/16/16	23.00	23.00	23.00	14.00	14.00	14.00	-	-	322	-	-	322	348
D-419	G15E387437	6/16/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	138
D-420	G15E392124	6/16/16	97.00	115.00	106.00	14.00	14.00	14.00	-	-	1,484	-	-	1,484	1541
D-421	G15E392124	6/16/16	43.00	57.00	50.00	14.00	14.00	14.00	-	-	700	-	-	700	725
D-422	G15E392129	6/16/16	71.00	71.00	71.00	14.00	14.00	14.00	-	-	994	-	-	994	1044
D-423	G15E392129	6/16/16	83.00	83.00	83.00	14.00	14.00	14.00	-	-	1,162	-	-	1,162	1218
D-424	G15E392130	6/16/16	50.00	64.00	57.00	14.00	14.00	14.00	-	-	798	-	-	798	841
D-425	G15E392130	6/16/16	88.00	108.00	98.00	14.00	14.00	14.00	-	-	1,372	-	-	1,372	1436
D-436	G15E393224	6/16/16	60.00	60.00	60.00	14.00	14.00	14.00	-	-	840	-	-	840	895
D-247	G15E393224	6/16/16	93.00	93.00	93.00	14.00	14.00	14.00	-	-	1,302	-	-	1,302	1378
D-248	G15E392136	6/16/16	77.00	77.00	77.00	14.00	14.00	14.00	-	-	1,078	-	-	1,078	1117
D-249	G15E392136	6/16/16	71.00	71.00	71.00	6.50	6.50	6.50	-	-	462	-	-	462	504
D-430	G15E392136	6/16/16	42.00	42.00	42.00	6.50	6.50	6.50	-	-	273	-	-	273	301
D-431	G15E392126	6/16/16	34.00	34.00	34.00	6.50	6.50	6.50	-	-	221	-	-	221	238
D-432	G15E391065	6/16/16	47.00	47.00	47.00	6.50	6.50	6.50	-	-	306	-	-	306	336
D-433	G15E393237	6/17/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	493
D-434	G15E393237	6/17/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	486
D-435	G15E393237	6/17/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	479
D-436	G15E393237	6/17/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	493
D-437	G15E393237	6/17/16	20.00	20.00	20.00	2.00	2.00	2.00	-	-	40	-	-	40	42
D-438	G15E392111	6/17/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175
D-439	G15E392091	6/17/16	20.00	20.00	20.00	14.00	14.00	14.00	-	-	280	-	-	280	319
D-440	G15E392091	6/17/16	134.00	134.00	134.00	14.00	14.00	14.00	-	-	1,876	-	-	1,876	1958
D-441	G15E392125	6/17/16	34.00	34.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	493
D-442	G15E392125	6/17/16	123.00	123.00	123.00	14.00	14.00	14.00	-	-	1,722	-	-	1,722	1798
D-443	G15E393236	6/17/16	49.00	49.00	49.00	14.00	14.00	14.00	-	-	686	-	-	686	718

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**214,797**	**1,065**	**3,728**	**219,590**	**229,655**
										Totals to Date	**454,536**	**1,923**	**6,729**	**462,330**	**485,079**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-444	G15E393236	6/17/16	107.00	107.00	107.00	14.00	14.00	14.00	-	-	1,498	-	-	1,498	1566
D-445	G15E393223	6/17/16	63.00	63.00	63.00	14.00	14.00	14.00	-	-	882	-	-	882	914
D-446	G15E393223	6/17/16	11.00	11.00	11.00	2.00	2.00	2.00	-	-	22	-	-	22	24
D-447	G15E393223	6/17/16	-	-	-	-	-	-	34.00	2.00	34	-	-	34	44
D-448	G15E393223	6/17/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	870

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** -

Description: **Secondary** -

Cell

Pond -

Cap X

Other -

											Totals From Previous Book	454,536	1,923	6,729	463,188	485,079
											Totals to Date	654,186	1,923	6,729	662,838	695,532
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-449	G15E393219	6/17/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	464
D-450	G15E393219	6/17/16	111.00	111.00	111.00	14.00	14.00	14.00	-	-	1,554	-	-	1,554	1624
D-451	G15E393219	6/17/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	464
D-452	G15E393179	6/17/16	108.00	108.00	108.00	14.00	14.00	14.00	-	-	1,512	-	-	1,512	1581
D-453	G15E393795	6/17/16	63.00	63.00	63.00	14.00	14.00	14.00	-	-	882	-	-	882	928
D-454	G15E386296	6/21/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	464
D-455	G15E386296	6/21/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	464
D-456	G15E386296	6/21/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	464
D-457	G15E386296	6/21/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	479
D-458	G15E392142	6/21/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-459	G15E392155	6/21/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363
D-460	G15E392155	6/21/16	132.00	132.00	132.00	14.00	14.00	14.00	-	-	1,848	-	-	1,848	1929
D-461	G15E393795	6/21/16	39.00	39.00	39.00	14.00	14.00	14.00	-	-	546	-	-	546	580
D-462	G15E392143	6/21/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-463	G15E393175	6/21/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	377
D-464	G15E393175	6/21/16	133.00	133.00	133.00	14.00	14.00	14.00	-	-	1,862	-	-	1,862	1950
D-465	G15E392134	6/21/16	42.00	42.00	42.00	14.00	14.00	14.00	-	-	588	-	-	588	624
D-466	G15E392033	6/21/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	435
D-467	G15E392120	6/21/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	508
D-468	G15E387401	6/21/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-469	G15E387382	6/21/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	464
D-470	G15E387388	6/21/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	377
D-471	G15E386296	6/21/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	392
D-472	G15E392135	6/21/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	116
D-473	G15E392135	6/21/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	131
D-474	G15E392135	6/21/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-475	G15E3921345	6/21/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	131
D-476	G15E392135	6/21/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	361
D-477	G15E392135	6/21/16	25.00	25.00	25.00	22.50	22.50	22.50	-	-	563	-	-	563	598
D-478	G15E392134	6/21/16	113.00	113.00	113.00	14.00	14.00	14.00	-	-	1,582	-	-	1,582	1668
D-479	G15E392150	6/21/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-480	G15E392131	6/21/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-481	G15E392138	6/21/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-482	G15E386349	6/21/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1856
D-483	G15E386349	6/21/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	435
D-484	G15E393177	6/21/16	62.00	62.00	62.00	14.00	14.00	14.00	-	-	868	-	-	868	914
D-485	G15E393177	6/21/16	93.00	93.00	93.00	14.00	14.00	14.00	-	-	1,302	-	-	1,302	1363
D-486	G15E386347	6/21/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1349
D-487	G15E392135	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	435
D-488	G15E392135	6/22/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	232
D-489	G15E392137	6/22/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	203
D-490	G15E392137	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-491	G15E392137	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-492	G15E392137	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-493	G15E392137	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-494	G15E392137	6/22/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-495	G15E392114	6/22/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-496	G15E386340	6/22/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-497	G15E392103	6/22/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-498	G15E386343	6/22/16	146.00	146.00	146.00	7.00	7.00	7.00	-	-	1,022	-	-	1,022	1184
D-499	G15E386353	6/22/16	147.00	147.00	147.00	14.00	14.00	14.00	-	-	2,058	-	-	2,058	2146
D-500	G15E392115	6/22/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-501	G15E386354	6/22/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-502	G15E386320	6/22/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1349
D-503	G15E386320	6/22/16	65.00	65.00	65.00	14.00	14.00	14.00	-	-	910	-	-	910	943
D-504	G15E392126	6/22/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-505	G15E386343	6/22/16	92.00	92.00	92.00	6.50	6.50	6.50	-	-	598	-	-	598	644
D-506	G15E393174	6/22/16	92.00	92.00	92.00	14.00	14.00	14.00	-	-	1,288	-	-	1,288	1334
D-507	G15E393174	6/22/16	62.00	62.00	62.00	14.00	14.00	14.00	-	-	868	-	-	868	899
D-508	G15E393795	6/22/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	450
D-509	G15E392096	6/22/16	90.00	90.00	90.00	14.00	14.00	14.00	-	-	1,260	-	-	1,260	1320
D-510	G15E392096	6/22/16	64.00	64.00	64.00	14.00	14.00	14.00	-	-	896	-	-	896	943
D-511	G15E392103	6/22/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	116
D-512	G15E386342	6/22/16	5.00	5.00	5.00	14.00	14.00	14.00	-	-	70	-	-	70	87
D-513	G15E393795	6/22/16	13.00	13.00	13.00	14.00	14.00	14.00	-	-	182	-	-	182	203
D-514	G15E386347	6/23/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	856
D-515	G15E392148	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-516	G15E392148	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	413
D-517	G15E392148	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-518	G15E392133	6/23/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2117
D-519	G15E393196	6/23/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2248
D-520	G14E392148	6/23/16	28.00	28.00	28.00	6.50	6.50	6.50	-	-	182	-	-	182	196
D-521	G15E392151	6/23/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	450
D-522	G15E392151	6/23/16	129.00	129.00	129.00	14.00	14.00	14.00	-	-	1,806	-	-	1,806	1871
D-523	G15E393178	6/23/16	77.00	77.00	77.00	14.00	14.00	14.00	-	-	1,078	-	-	1,078	1117
D-524	G15E393178	6/23/16	78.00	78.00	78.00	14.00	14.00	14.00	-	-	1,092	-	-	1,092	1175
D-525	G15E392154	6/23/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-526	G15E393217	6/23/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	479

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-527	G15E387392	6/23/16	37.00	37.00	37.00	14.00	14.00	14.00	-	-	518	-	-	518	537
D-528	G15E387386	6/23/16	35.00	35.00	35.00	14.00	14.00	14.00	-	-	490	-	-	490	537
D-529	G15E392114	6/23/16	5.00	5.00	5.00	14.00	14.00	14.00	-	-	70	-	-	70	87
D-530	G15E392148	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-531	G15E392148	6/23/16	12.00	12.00	12.00	14.00	14.00	14.00	-	-	168	-	-	168	189
D-532	G15E392132	6/23/16	16.00	16.00	16.00	14.00	14.00	14.00	-	-	224	-	-	224	232
D-533	G15E392132	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-534	G15E392132	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-535	G15E392132	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-536	G15E392098	6/23/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-537	G15E392147	6/23/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-538	G15E392149	6/23/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-539	G15E393172	6/23/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-540	G15E392152	6/23/16	158.00	158.00	158.00	6.50	6.50	6.50	-	-	1,027	-	-	1,027	1120
D-541	G15E392093	6/23/16	46.00	46.00	46.00	14.00	14.00	14.00	-	-	644	-	-	644	696
D-542	G15E387432	6/23/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	464
D-543	G15E392093	6/23/16	77.00	77.00	77.00	14.00	14.00	14.00	-	-	1,078	-	-	1,078	1146
D-544	G15E392093	6/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	435
D-545	G15E392145	6/23/16	46.00	46.00	46.00	14.00	14.00	14.00	-	-	644	-	-	644	696
D-546	G15E392145	6/23/16	75.00	75.00	75.00	14.00	14.00	14.00	-	-	1,050	-	-	1,050	1117
D-547	G15E392145	6/23/16	29.00	29.00	29.00	6.50	6.50	6.50	-	-	189	-	-	189	210
D-548	G15E387392	6/23/16	42.00	42.00	42.00	6.50	6.50	6.50	-	-	273	-	-	273	308
D-549	G15E393234	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-550	G15E393234	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-551	G15E393234	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	435
D-552	G15E393173	6/24/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
							Totals to Date				**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-553	G15E393209	6/24/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-554	G15E393220	6/24/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-555	G15E393230	6/24/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-556	G15E393201	6/24/16	74.00	74.00	74.00	14.00	14.00	14.00	-	-	1,036	-	-	1,036	1088
D-557	G15E393201	6/24/16	75.00	75.00	75.00	14.00	14.00	14.00	-	-	1,050	-	-	1,050	1102
D-558	G15E393210	6/24/16	73.00	73.00	73.00	14.00	14.00	14.00	-	-	1,022	-	-	1,022	1073
D-559	G15E393210	6/24/16	73.00	73.00	73.00	14.00	14.00	14.00	-	-	1,022	-	-	1,022	1088
D-560	G15E393234	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-561	G15E393234	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-562	G15E393205	6/24/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-563	G15E393228	6/24/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-564	G15E393212	6/24/16	72.00	72.00	72.00	14.00	14.00	14.00	-	-	1,008	-	-	1,008	1059
D-565	G15E393212	6/24/16	70.00	70.00	70.00	14.00	14.00	14.00	-	-	980	-	-	980	1030
D-566	G15E393234	6/24/16	13.00	13.00	13.00	14.00	14.00	14.00	-	-	182	-	-	182	189
D-567	G15E393235	6/24/16	16.00	16.00	16.00	14.00	14.00	14.00	-	-	224	-	-	224	247
D-568	G15E393235	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-569	G15E393235	6/24/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-570	G15E393229	6/24/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-571	G15E393225	6/24/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2320
D-572	G15E393221	6/24/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-573	G15E393218	6/24/16	71.00	71.00	71.00	14.00	14.00	14.00	-	-	994	-	-	994	1059
D-574	G15E393218	6/24/16	68.00	68.00	68.00	14.00	14.00	14.00	-	-	952	-	-	952	1001
D-575	G15E393218	6/24/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	-	-	154	174
D-576	G15E393215	6/24/16	58.00	58.00	58.00	14.00	14.00	14.00	-	-	812	-	-	812	856
D-577	G15E384236	6/25/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-578	G15E384236	6/25/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-579	G15E384236	6/25/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-580	G15E384236	6/25/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-581	G15E393215	6/25/16	97.00	97.00	97.00	14.00	14.00	14.00	-	-	1,358	-	-	1,358	1407
D-582	G15E393216	6/25/16	127.00	127.00	127.00	14.00	14.00	14.00	-	-	1,778	-	-	1,778	1871
D-583	G15E393216	6/25/16	22.00	22.00	22.00	14.00	14.00	14.00	-	-	308	-	-	308	334
D-584	G15E392146	6/25/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2320
D-585	G15E393232	6/25/16	46.00	46.00	46.00	14.00	14.00	14.00	-	-	644	-	-	644	682
D-586	G15E393232	6/25/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-587	G15E392152	6/25/16	158.00	158.00	158.00	5.00	5.00	5.00	-	-	790	-	-	790	960
D-588	G15E387392	6/25/16	45.00	45.00	45.00	14.00	14.00	14.00	-	-	630	-	-	630	667
D-589	G15E386343	6/25/16	19.00	19.00	19.00	14.00	14.00	14.00	-	-	266	-	-	266	290
D-590	G15E393232	6/25/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1639
D-591	G15E393226	6/25/16	104.00	104.00	104.00	14.00	14.00	14.00	-	-	1,456	-	-	1,456	1552
D-592	G15E384236	6/27/16	18.00	18.00	18.00	14.00	14.00	14.00	-	-	252	-	-	252	276
D-593	G15E386299	6/27/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	145
D-594	G15E386299	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-595	G15E386299	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-596	G15E391078	6/27/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-597	G15E384232	6/27/16	153.00	153.00	153.00	14.00	14.00	14.00	-	-	2,142	-	-	2,142	2248
D-598	G15E384233	6/27/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2277
D-599	G15E392139	6/27/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-600	G15E386332	6/27/16	66.00	66.00	66.00	14.00	14.00	14.00	-	-	924	-	-	924	986
D-601	G15E386332	6/27/16	71.00	71.00	71.00	14.00	14.00	14.00	-	-	994	-	-	994	1044
D-602	G15E386332	6/27/16	13.00	13.00	13.00	14.00	14.00	14.00	-	-	182	-	-	182	203
D-603	G15E393176	6/27/16	56.00	56.00	56.00	14.00	14.00	14.00	-	-	784	-	-	784	827
D-604	G15E393176	6/27/16	67.00	67.00	67.00	14.00	14.00	14.00	-	-	938	-	-	938	1001

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

							Totals From Previous Book				**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
							Totals to Date				**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-605	G15E393176	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-606	G15E386299	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-607	G15E386299	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-608	G15E393214	6/27/16	28.00	28.00	28.00	6.00	6.00	6.00	-	-	168	-	-	168	182
D-609	G15E393214	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-610	G15E393214	6/27/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-611	G15E393231	6/27/16	156.00	156.00	156.00	14.00	-	7.00	-	-	1,092	-	-	1,092	1146
D-612	G15E392102	6/27/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-613	G15E393176	6/27/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	493
D-614	G15E384234	6/27/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2277
D-615	G15E391081	6/27/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2320
D-616	G15E384238	6/27/16	155.00	155.00	155.00	6.00	6.00	6.00	-	-	930	-	-	930	1099
D-617	G15E384214	6/27/16	40.00	40.00	40.00	14.00	14.00	14.00	-	-	560	-	-	560	595
D-618	G15E384214	6/27/16	72.00	72.00	72.00	14.00	14.00	14.00	-	-	1,008	-	-	1,008	1073
D-619	G15E384214	6/27/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	624
D-620	G15E384230	6/27/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	479
D-621	G15E384230	6/27/16	72.00	72.00	72.00	14.00	14.00	14.00	-	-	1,008	-	-	1,008	1073
D-622	G15E384230	6/27/16	51.00	51.00	51.00	6.00	6.00	6.00	-	-	306	-	-	306	371
D-623	G15E393226	6/27/16	22.00	22.00	22.00	6.00	6.00	6.00	-	-	132	-	-	132	168
D-624	G15E391076	6/29/16	163.00	163.00	163.00	14.00	14.00	14.00	-	-	2,282	-	-	2,282	2378
D-625	G15E386301	6/29/16	66.00	66.00	66.00	14.00	14.00	14.00	-	-	924	-	-	924	1015
D-626	G15E386301	6/30/16	78.00	78.00	78.00	14.00	14.00	14.00	-	-	1,092	-	-	1,092	1131
D-627	G15E384247	6/30/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2262
D-628	G15E393214	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-629	G15E393214	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-630	G15E393214	6/30/16	19.00	19.00	19.00	14.00	14.00	14.00	-	-	266	-	-	266	290

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-631	G15E384240	6/30/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	145
D-632	G15E384240	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-633	G15E384240	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-634	G15E301080	6/30/16	159.00	159.00	159.00	14.00	14.00	14.00	-	-	2,226	-	-	2,226	2320
D-635	G15E384215	6/30/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-636	G15E386331	6/30/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-637	G15E386336	6/30/16	74.00	74.00	74.00	14.00	14.00	14.00	-	-	1,036	-	-	1,036	1073
D-638	G15E386336	6/30/16	51.00	51.00	51.00	14.00	14.00	14.00	-	-	714	-	-	714	769
D-639	G15E386336	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-640	G15E386343	6/30/16	5.00	5.00	5.00	14.00	14.00	14.00	-	-	70	-	-	70	87
D-641	G15E384240	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-642	G15E384240	6/30/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-643	G15E384228	6/30/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-644	G15E384237	6/30/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-645	G15E384212	6/30/16	35.00	35.00	35.00	14.00	14.00	14.00	-	-	490	-	-	490	522
D-646	G15E384212	6/30/16	35.00	35.00	35.00	14.00	14.00	14.00	-	-	490	-	-	490	522
D-647	G15E384240	7/5/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	392
D-648	G15E384240	7/5/16	12.00	12.00	12.00	14.00	14.00	14.00	-	-	168	-	-	168	174
D-649	G15E384220	7/5/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	247
D-650	G15E384220	7/5/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-651	G15E384220	7/5/16	28.00	28.00	28.00	6.00	6.00	6.00	-	-	168	-	-	168	196
D-652	G15E386341	7/5/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-653	G15E384224	7/5/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-654	G15E384211	7/5/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-655	G15E393233	7/5/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-656	G15E384239	7/5/16	37.00	37.00	37.00	14.00	14.00	14.00	-	-	518	-	-	518	566

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell**

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**454,536**	**1,923**	**6,729**	**463,188**	**485,079**
										Totals to Date	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-657	G15E384239	7/5/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	479
D-658	G15E384239	7/5/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	464
D-659	G15E384239	7/5/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	464
D-660	G15E384230	7/5/16	49.00	49.00	49.00	14.00	14.00	14.00	-	-	686	-	-	686	725
D-661	G15E384238	7/5/16	59.00	59.00	59.00	5.50	5.50	5.50	-	-	325	-	-	325	360
D-662	G15E384238	7/5/16	31.00	31.00	31.00	5.50	5.50	5.50	-	-	171	-	-	171	192

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
										Totals to Date	**835,437**	**1,979**	**6,729**	**844,089**	**893,496**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-663	G15E384238	7/5/16	55.00	55.00	55.00	4.50	4.50	4.50	-	-	248	-	-	248	280
D-664	G15E384220	7/5/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-665	G15E384220	7/5/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-666	G15E384229	7/5/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-667	G15E384212	7/5/16	37.00	37.00	37.00	14.00	14.00	14.00	-	-	518	-	-	518	580
D-668	G15E384220	7/6/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-669	G15E386337	7/6/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-670	G15E386333	7/6/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-671	G15E391038	7/6/16	31.00	31.00	31.00	14.00	14.00	14.00	-	-	434	-	-	434	479
D-672	G15E391038	7/6/16	33.00	33.00	33.00	14.00	14.00	14.00	-	-	462	-	-	462	508
D-673	G15E386300	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-674	G15E386300	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-675	G15E386300	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-676	G15E386300	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-677	G15E386300	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-678	G15E386300	7/8/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	203
D-679	G15E384213	7/8/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	218
D-680	G15E391038	7/8/16	84.00	84.00	84.00	14.00	14.00	14.00	-	-	1,176	-	-	1,176	1247
D-681	G15E391063	7/8/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-682	G15E391061	7/8/16	106.00	106.00	106.00	14.00	14.00	14.00	-	-	1,484	-	-	1,484	1581
D-683	G15E386328	7/8/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-684	G15E392082	7/8/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-685	G15E391077	7/8/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-686	G15E391075	7/8/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2117
D-687	G15E392099	7/8/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	899

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
										Totals to Date	**835,437**	**1,979**	**6,729**	**844,089**	**893,496**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-688	G15E392099	7/8/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	885
D-689	G15E392099	7/8/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	450
D-690	G15E391079	7/8/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-691	G15E391079	7/8/16	61.00	61.00	61.00	14.00	14.00	14.00	-	-	854	-	-	854	928
D-692	G15E391079	7/8/16	57.00	57.00	57.00	14.00	14.00	14.00	-	-	798	-	-	798	856
D-693	G15E384212	7/8/16	20.00	20.00	20.00	14.00	14.00	14.00	-	-	280	-	-	280	334
D-694	G15E392145	7/8/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363
D-695	G15E385258	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-696	G15E385258	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-697	G15E385258	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-698	G15E385258	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-699	G15E385258	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-700	G15E385258	7/11/16	14.00	14.00	14.00	6.00	6.00	6.00	-	-	84	-	-	84	105
D-701	G15E385258	7/11/16	14.00	14.00	14.00	6.00	6.00	6.00	-	-	84	-	-	84	112
D-702	G15E386315	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-703	G15E387384	7/11/16	143.00	143.00	143.00	5.00	5.00	5.00	-	-	715	-	-	715	864
D-704	G15E387441	7/11/16	36.00	36.00	36.00	5.00	5.00	5.00	-	-	180	-	-	180	222
D-705	G15E387441	7/11/16	34.00	34.00	34.00	5.00	5.00	5.00	-	-	170	-	-	170	222
D-706	G15E384213	7/11/16	139.00	139.00	139.00	14.00	14.00	14.00	-	-	1,946	-	-	1,946	2030
D-707	G15E386327	7/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-708	G15E391074	7/11/16	144.00	144.00	144.00	14.00	14.00	14.00	-	-	2,016	-	-	2,016	2103
D-709	G15E386327	7/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	160
D-710	G15E3910674	7/11/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	131
D-711	G15E386329	7/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-712	G15E386329	7/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	160
D-713	G15E386330	7/11/16	142.00	142.00	142.00	14.00	14.00	14.00	-	-	1,988	-	-	1,988	2074

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**654,186**	**1,923**	**6,729**	**662,838**	**695,532**
										Totals to Date	**835,437**	**1,979**	**6,729**	**844,089**	**893,496**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-714	G15E386330	7/11/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	-	-	154	174
D-715	G15E386307	7/11/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-716	G15E386307	7/11/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	174
D-717	G15E391072	7/11/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	406
D-718	G15E391072	7/11/16	77.00	77.00	77.00	14.00	14.00	14.00	-	-	1,078	-	-	1,078	1146
D-719	G15E391072	7/11/16	47.00	47.00	47.00	14.00	14.00	14.00	-	-	658	-	-	658	711
D-720	G15E386370	7/11/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	450
D-721	G15E386370	7/11/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	218
D-722	G15E391065	7/11/16	42.00	42.00	42.00	14.00	14.00	14.00	-	-	588	-	-	588	624
D-723	G15E387434	7/11/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	450
D-724	G15E387408	7/11/16	48.00	48.00	48.00	14.00	14.00	14.00	-	-	672	-	-	672	711
D-725	G15E391037	7/11/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363
D-726	G15E391037	7/11/16	79.00	79.00	79.00	14.00	14.00	14.00	-	-	1,106	-	-	1,106	1175
D-727	G15E386315	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-728	G15E386315	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-729	G15E386315	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-730	G15E386315	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-731	G15E386315	7/12/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	232
D-732	G15E386319	7/12/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	232
D-733	G15E386319	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-734	G15E386311	7/12/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-735	G15E386317	7/12/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-736	G15E386326	7/12/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-737	G15E386312	7/12/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2132
D-738	G15E386323	7/12/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2132
D-739	G15E386318	7/12/16	145.00	145.00	145.00	14.00	14.00	14.00	-	-	2,030	-	-	2,030	2132
D-740	G15E384212	7/12/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	261

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-741	G15E393226	7/12/16	14.00	14.00	14.00	14.00	14.00	14.00	-	-	196	-	-	196	218
D-742	G15E386317	7/12/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	131
D-743	G15E386311	7/12/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	145
D-744	G15E386326	7/12/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	160
D-745	G15E386312	7/12/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	145
D-746	G15E393104	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	435
D-747	G15E392109	7/12/16	26.00	26.00	26.00	14.00	14.00	14.00	-	-	364	-	-	364	406
D-748	G15E386323	7/12/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	145
D-749	G15E392108	7/12/16	42.00	42.00	42.00	14.00	14.00	14.00	-	-	588	-	-	588	624
D-750	G15E386318	7/12/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	-	-	154	174
D-751	G15E386352	7/12/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	392
D-752	G15E392097	7/12/16	22.00	22.00	22.00	14.00	14.00	14.00	-	-	308	-	-	308	334
D-753	G15E387376	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	435
D-754	G15E392113	7/12/16	23.00	23.00	23.00	14.00	14.00	14.00	-	-	322	-	-	322	363
D-755	G15E392157	7/12/16	15.00	15.00	15.00	14.00	14.00	14.00	-	-	210	-	-	210	232
D-756	G15E386361	7/12/16	18.00	18.00	18.00	14.00	14.00	14.00	-	-	252	-	-	252	290
D-757	G15E386357	7/12/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	406
D-758	G15E393211	7/12/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	450
D-759	G15E386319	7/12/16	34.00	34.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	508
D-760	G15E386319	7/12/16	32.00	32.00	32.00	14.00	14.00	14.00	-	-	448	-	-	448	479
D-761	G15E386319	7/13/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	392
D-762	G15E386319	7/13/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	-	-	154	160
D-763	G15E386324	7/13/16	16.00	16.00	16.00	14.00	14.00	14.00	-	-	224	-	-	224	247
D-764	G15E386324	7/13/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	392
D-765	G15E386324	7/13/16	27.00	27.00	27.00	14.00	14.00	14.00	-	-	378	-	-	378	392
D-766	G15E386324	7/13/16	13.00	13.00	13.00	6.00	6.00	6.00	-	-	78	-	-	78	112

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-767	G15E386324	7/13/16	15.50	15.50	15.50	6.00	6.00	6.00	-	-	93	-	-	93	119
D-768	G15E386324	7/13/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-769	G15E386324	7/13/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-770	G15E386316	7/13/16	149.00	149.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175
D-771	G15E384235	7/13/16	150.00	150.00	150.00	14.00	14.00	14.00	-	-	2,100	-	-	2,100	2233
D-772	G15E386305	7/13/16	150.00	150.00	150.00	14.00	14.00	14.00	-	-	2,100	-	-	2,100	2204
D-773	G15E386306	7/13/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-774	G15E384222	7/13/16	156.00	156.00	156.00	14.00	7.00	10.50	-	-	1,638	-	-	1,638	2320
D-775	G15E386325	7/13/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2291
D-776	G15E384231	7/13/16	143.00	143.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2103
D-777	G15E384216	7/13/16	22.00	22.00	22.00	14.00	14.00	14.00	-	-	308	-	-	308	334
D-778	G15E384216	7/13/16	56.00	56.00	56.00	14.00	14.00	14.00	-	-	784	-	-	784	827
D-779	G15E384216	7/13/16	54.00	54.00	54.00	14.00	14.00	14.00	-	-	756	-	-	756	812
D-780	G15E391064	7/13/16	19.00	19.00	19.00	14.00	14.00	14.00	-	-	266	-	-	266	290
D-781	G15E391064	7/13/16	76.00	76.00	76.00	14.00	14.00	14.00	-	-	1,064	-	-	1,064	1117
D-782	G15E391064	7/13/16	55.00	55.00	55.00	14.00	14.00	14.00	-	-	770	-	-	770	812
D-783	G15E391041	7/13/16	48.00	48.00	48.00	14.00	14.00	14.00	-	-	672	-	-	672	711
D-784	G15E391041	7/13/16	100.00	100.00	100.00	14.00	14.00	14.00	-	-	1,400	-	-	1,400	1508
D-785	G15E386309	7/13/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1653
D-786	G15E386309	7/13/16	38.00	38.00	38.00	14.00	14.00	14.00	-	-	532	-	-	532	566
D-787	G15E386321	7/13/16	100.00	100.00	100.00	14.00	14.00	14.00	-	-	1,400	-	-	1,400	1494
D-788	G15E384210	7/14/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-789	G15E384210	7/14/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-790	G15E384210	7/14/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-791	G15E384210	7/14/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	435
D-792	G15E384210	7/14/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-793	G15E384210	7/14/16	13.00	13.00	13.00	14.00	14.00	14.00	-	-	182	-	-	182	203
D-794	G15E386303	7/14/16	16.00	16.00	16.00	14.00	14.00	14.00	-	-	224	-	-	224	247
D-795	G15E384219	7/14/16	157.00	157.00	157.00	13.50	13.50	13.50	-	-	2,120	-	-	2,120	2291
D-796	G15E386314	7/14/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-797	G15E386313	7/14/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-798	G15E384218	7/14/16	154.00	154.00	154.00	13.50	13.50	13.50	-	-	2,079	-	-	2,079	2248
D-799	G15E384221	7/14/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2248
D-800	G15E386310	7/14/16	155.00	155.00	155.00	13.50	13.50	13.50	-	-	2,093	-	-	2,093	2277
D-801	G15E384217	7/14/16	110.00	110.00	110.00	14.00	14.00	14.00	-	-	1,540	-	-	1,540	1610
D-802	G15E384217	7/14/16	42.00	43.00	42.50	14.00	14.00	14.00	-	-	595	-	-	595	312
D-803	G15E386302	7/14/16	70.00	70.00	70.00	14.00	14.00	14.00	-	-	980	-	-	980	1044
D-804	G15E386302	7/14/16	82.00	82.00	82.00	14.00	14.00	14.00	-	-	1,148	-	-	1,148	6641
D-805	G15E386304	7/14/16	34.00	34.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	508
D-806	G15E386304	7/14/16	118.00	118.00	118.00	14.00	14.00	14.00	-	-	1,652	-	-	1,652	1740
D-807	G15E384223	7/14/16	80.00	80.00	80.00	14.00	14.00	14.00	-	-	1,120	-	-	1,120	1189
D-808	G15E384223	7/14/16	57.00	57.00	57.00	14.00	14.00	14.00	-	-	798	-	-	798	841
D-809	G15E386303	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	377
D-810	G15E386303	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-811	G15E386303	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-812	G15E386303	7/15/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363
D-813	G15E386303	7/15/16	24.00	24.00	24.00	14.00	14.00	14.00	-	-	336	-	-	336	363
D-814	G15E386303	7/15/16	18.00	18.00	18.00	14.00	14.00	14.00	-	-	252	-	-	252	276
D-815	G15E385259	7/15/16	6.00	6.00	6.00	6.00	6.00	6.00	-	-	36	-	-	36	42
D-816	G15E385259	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-817	G15E385259	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-818	G15E385259	7/15/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-819	G15E386321	7/15/16	67.00	67.00	67.00	14.00	14.00	14.00	-	-	938	-	-	938	986
D-820	G15E385263	7/15/16	146.00	146.00	146.00	14.00	14.00	14.00	-	-	2,044	-	-	2,044	2146
D-821	G15E385267	7/15/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2277
D-822	G15E385261	7/15/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2262
D-823	G15E384246	7/15/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-824	G15E384247	7/15/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-825	G15E385253	7/15/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-826	G15E385273	7/15/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-827	G15E384241	7/15/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-828	G15E385269	7/15/16	52.00	52.00	52.00	14.00	14.00	14.00	-	-	728	-	-	728	783
D-829	G15E385269	7/15/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	609
D-830	G15E385269	7/15/16	38.00	38.00	38.00	14.00	14.00	14.00	-	-	532	-	-	532	566
D-831	G15E385259	7/15/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	450
D-832	G15E385259	7/15/16	20.00	20.00	20.00	14.00	14.00	14.00	-	-	280	-	-	280	305
D-833	G15E384223	7/15/16	-	-	-	-	-	-	10.00	14.00	70	-	-	70	85
D-834	G15E384223	7/15/16	-	-	-	-	-	-	9.00	14.00	63	-	-	63	73
D-835	G15E385260	7/20/16	7.00	7.00	7.00	14.00	14.00	14.00	-	-	98	14	-	98	160
D-836	G15E385260	7/20/16	7.00	7.00	7.00	14.00	14.00	14.00	-	-	98	14	-	98	160
D-837	G15E385260	7/20/16	7.00	7.00	7.00	14.00	14.00	14.00	-	-	98	14	-	98	160
D-838	G15E384245	7/20/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-839	G15E385270	7/20/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-840	G15E391022	7/20/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-841	G15E385260	7/20/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	-	112	174
D-842	G15E391065	7/20/16	61.00	61.00	61.00	4.00	4.00	4.00	-	-	244	-	-	244	284
D-843	G15E387441	7/20/16	46.00	46.00	46.00	4.00	4.00	4.00	-	-	184	-	-	184	216
D-844	G15E386303	7/20/16	58.00	58.00	58.00	4.00	4.00	4.00	-	-	232	-	-	232	270

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-845	G15E385260	7/20/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	174
D-846	G15E385260	7/20/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	174
D-847	G15E384225	7/20/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-848	G15E385250	7/20/16	131.00	131.00	131.00	14.00	14.00	14.00	-	-	1,834	-	-	1,834	1914
D-849	G15E385266	7/20/16	80.00	80.00	80.00	14.00	14.00	14.00	-	-	1,120	-	-	1,120	1189
D-850	G15E385266	7/20/16	74.00	74.00	74.00	14.00	14.00	14.00	-	-	1,036	-	-	1,036	1088
D-851	G15E384243	7/20/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	-	-	126	145
D-852	G15E384243	7/20/16	77.00	77.00	77.00	14.00	14.00	14.00	-	-	1,078	-	-	1,078	1131
D-853	G15E384236	7/20/16	25.00	25.00	25.00	4.00	4.00	4.00	-	-	100	-	-	100	117
D-854	G15E384243	7/20/16	65.00	65.00	65.00	14.00	14.00	14.00	-	-	910	-	-	910	972
D-855	G15E385259	7/20/16	17.00	17.00	17.00	4.00	4.00	4.00	-	-	68	-	-	68	81
D-856	G15E385259	7/20/16	16.00	16.00	16.00	4.00	4.00	4.00	-	-	64	-	-	64	81
D-857	G15E385268	7/20/16	12.00	12.00	12.00	14.00	14.00	14.00	-	-	168	-	-	168	202
D-858	G15E385268	7/20/16	8.00	8.00	8.00	5.00	5.00	5.00	-	-	40	-	-	40	54
D-859	G15E385268	7/20/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1653
D-860	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-861	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	377
D-862	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-863	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-864	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	377
D-865	G15E385279	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-866	G15E385278	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-867	G15E384242	7/22/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-868	G15E391019	7/22/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2277
D-869	G15E386308	7/22/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277
D-870	G15E385265	7/22/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	654,186	1,923	6,729	662,838	695,532
										Totals to Date	835,437	1,979	6,729	844,089	893,496
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-871	G15E384244	7/22/16	136.00	136.00	136.00	14.00	14.00	14.00	-	-	1,904	-	-	1,904	2001
D-872	G15E384244	7/22/16	25.00	17.00	21.00	14.00	14.00	14.00	-	-	294	-	-	294	334
D-873	G15E385271	7/22/16	106.00	106.00	106.00	14.00	14.00	14.00	-	-	1,484	-	-	1,484	1537
D-874	G15E385271	7/22/16	50.00	50.00	50.00	14.00	14.00	14.00	-	-	700	-	-	700	754
D-875	G15E391024	7/22/16	69.00	69.00	69.00	14.00	14.00	14.00	-	-	966	-	-	966	1030

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**835,437**	**1,979**	**6,729**	**844,145**	**893,496**
										Totals to Date	**925,133**	**2,611**	**8,941**	**936,053**	**990,475**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-876	G15E391024	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-877	G15E385278	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	377
D-878	G15E385278	7/22/16	25.00	25.00	25.00	14.00	14.00	14.00	-	-	350	-	-	350	363
D-879	G15E385278	7/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-880	G15E385278	7/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	435
D-881	G15E385278	7/23/16	7.00	7.00	7.00	14.00	14.00	14.00	-	-	98	-	-	98	102
D-882	G15G385280	7/23/16	21.00	21.00	21.00	14.00	14.00	14.00	-	-	294	-	-	294	319
D-883	G15G385280	7/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-884	G15E385280	7/23/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	406
D-885	G15E385280	7/23/16	29.00	29.00	29.00	2.00	2.00	2.00	-	-	58	-	-	58	73
D-886	G15E385280	7/23/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	421
D-887	G15E391036	7/23/16	106.00	97.00	101.50	14.00	14.00	14.00	-	-	1,421	-	-	1,421	1486
D-888	G15E391036	7/23/16	57.00	48.00	52.50	14.00	14.00	14.00	-	-	735	-	-	735	783
D-889	G15E385290	7/23/16	40.00	40.00	40.00	14.00	14.00	14.00	-	-	560	-	-	560	595
D-890	G15E385290	7/23/16	40.00	40.00	40.00	14.00	14.00	14.00	-	-	560	-	-	560	580
D-891	G15E385290	7/23/16	41.00	41.00	41.00	14.00	14.00	14.00	-	-	574	-	-	574	609
D-892	G15E385290	7/23/16	26.00	26.00	26.00	14.00	14.00	14.00	-	-	364	-	-	364	392
D-893	G15E385280	7/23/16	39.00	39.00	39.00	14.00	14.00	14.00	-	-	546	-	-	546	580
D-894	G15E391012	7/23/16	18.00	18.00	18.00	14.00	14.00	14.00	-	-	252	-	-	252	276
D-895	G15E391012	7/23/16	53.00	53.00	53.00	14.00	14.00	14.00	-	-	742	14	49	791	783
D-896	G15E391012	7/23/16	42.00	42.00	42.00	14.00	14.00	14.00	-	-	588	-	-	588	638
D-897	G15E391012	7/23/16	11.00	11.00	11.00	14.00	14.00	14.00	-	-	154	4	14	168	218
D-898	G15E391012	7/23/16	10.00	10.00	10.00	14.00	14.00	14.00	-	-	140	-	-	140	203
D-899	G15E385264	7/23/16	36.00	36.00	36.00	14.00	14.00	14.00	-	-	504	-	-	504	551
D-900	G15E385264	7/23/16	29.00	29.00	29.00	14.00	14.00	14.00	-	-	406	-	-	406	435
D-901	G15E385264	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-902	G15E385264	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	835,437	1,979	6,729	844,145	893,496
										Totals to Date	925,133	2,611	8,941	936,053	990,475
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-903	G15E385264	7/23/16	30.00	30.00	30.00	14.00	14.00	14.00	-	-	420	-	-	420	464
D-904	G15E386297	7/23/16	17.00	4.00	10.50	14.00	14.00	14.00	-	-	147	-	-	147	167
D-905	G15E386297	7/23/16	47.00	47.00	47.00	14.00	14.00	14.00	-	-	658	-	-	658	696
D-906	G15E386297	7/23/16	63.00	63.00	63.00	14.00	14.00	14.00	-	-	882	-	-	882	943
D-907	G15E385264	7/23/16	-	-	-	-	-	-	14.00	3.00	21	-	-	21	30
D-908	G15E386297	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-909	G15E385275	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	174
D-910	G15E385265	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	-	-	112	174
D-911	G15E385275	7/23/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-912	G15E385275	7/25/16	8.00	8.00	8.00	6.00	6.00	6.00	-	-	48	6	21	69	84
D-913	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-914	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-915	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-916	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189
D-917	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-918	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-919	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-920	G15E391026	7/25/16	8.00	8.00	8.00	6.00	6.00	6.00	-	-	48	-	-	48	84
D-921	G15E385275	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-922	G15E391026	7/25/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189
D-923	G15E391026	7/25/16	48.00	48.00	48.00	14.00	14.00	14.00	-	-	672	-	-	672	711
D-924	G15E385276	7/25/16	43.00	43.00	43.00	14.00	14.00	14.00	-	-	602	-	-	602	638
D-925	G15E385276	7/25/16	111.00	111.00	111.00	14.00	14.00	14.00	-	-	1,554	-	-	1,554	1639
D-926	G15E385276	7/25/16	-	-	-	-	-	-	25.00	5.00	63	-	-	63	72
D-927	G15E391010	7/25/16	130.00	139.00	134.50	14.00	14.00	14.00	-	-	1,883	-	-	1,883	1965
D-928	G15E391007	7/25/16	140.00	146.00	143.00	14.00	14.00	14.00	-	-	2,002	-	-	2,002	2088
D-929	G15E391035	7/25/16	147.00	151.00	149.00	14.00	14.00	14.00	-	-	2,086	-	-	2,086	2175

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	835,437	1,979	6,729	844,145	893,496
										Totals to Date	925,133	2,611	8,941	936,053	990,475
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-930	G15E391027	7/25/16	151.00	151.00	151.00	14.00	14.00	14.00	-	-	2,114	-	-	2,114	2204
D-931	G15E391032	7/25/16	154.00	154.00	154.00	14.00	14.00	14.00	-	-	2,156	-	-	2,156	2248
D-932	G15E391028	7/25/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2262
D-933	G15E391025	7/25/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-934	G15E391017	7/25/16	13.00	25.00	19.00	14.00	14.00	14.00	-	-	266	-	-	266	283
D-935	G15E391017	7/25/16	29.00	38.00	33.50	14.00	14.00	14.00	-	-	469	-	-	469	508
D-936	G15E391017	7/25/16	34.00	34.00	34.00	14.00	14.00	14.00	-	-	476	-	-	476	508
D-937	G15E391017	7/25/16	44.00	44.00	44.00	14.00	14.00	14.00	-	-	616	-	-	616	653
D-938	G15E391021	7/26/16	152.00	152.00	152.00	14.00	14.00	14.00	-	-	2,128	-	-	2,128	2219
D-939	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-940	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-941	G15E385289	7/26/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-942	G15E385289	7/26/16	8.00	9.00	8.50	14.00	14.00	14.00	-	-	119	14	49	168	181
D-943	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-944	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-945	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-946	G15E216353	7/26/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-947	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-948	G15E385289	7/26/16	9.00	9.00	9.00	14.00	14.00	14.00	-	-	126	14	49	175	189
D-949	G15E385286	7/26/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-950	G15E391013	7/26/16	155.00	155.00	155.00	14.00	14.00	14.00	-	-	2,170	-	-	2,170	2262
D-951	G15E391030	7/26/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277
D-952	G15E391020	7/26/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2291
D-953	G15E385288	7/26/16	58.00	58.00	58.00	14.00	14.00	14.00	-	-	812	-	-	812	856
D-954	G15E385288	7/26/16	50.00	50.00	50.00	14.00	14.00	14.00	-	-	700	-	-	700	740
D-955	G15E385288	7/26/16	44.00	44.00	44.00	14.00	14.00	14.00	-	-	616	-	-	616	653
D-956	G15E391013	7/26/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**835,437**	**1,979**	**6,729**	**844,145**	**893,496**
										Totals to Date	**925,133**	**2,611**	**8,941**	**936,053**	**990,475**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-957	G15E391014	7/26/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2291
D-958	G15E391011	7/26/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2320
D-959	G15E391034	7/26/16	78.00	78.00	78.00	14.00	14.00	14.00	-	-	1,092	-	-	1,092	1146
D-960	G15E391034	7/26/16	72.00	72.00	72.00	14.00	14.00	14.00	-	-	1,008	-	-	1,008	1073
D-961	G15E391034	7/26/16	5.00	5.00	5.00	14.00	14.00	14.00	-	-	70	-	-	70	87
D-962	G15E386294	7/26/16	66.00	66.00	66.00	14.00	14.00	14.00	-	-	924	-	-	924	972
D-963	G15E386294	7/26/16	59.00	59.00	59.00	14.00	14.00	14.00	-	-	826	-	-	826	870
D-964	G15E386294	7/26/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	421
D-965	G15E391009	7/26/16	28.00	28.00	28.00	14.00	14.00	14.00	-	-	392	-	-	392	435
D-966	G15E391009	7/26/16	47.00	47.00	47.00	14.00	14.00	14.00	-	-	658	-	-	658	696
D-967	G15E391009	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189
D-968	G15E391009	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-969	G15E391009	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-970	G15E391009	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	203
D-971	G15E391009	7/27/16	8.00	8.00	8.00	6.00	6.00	6.00	-	-	48	6	21	69	84
D-972	G15E391009	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	181
D-973	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189
D-974	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-975	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-976	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-977	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-978	G15E385262	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-979	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-980	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-981	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-982	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189
D-983	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	189

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	835,437	1,979	6,729	844,145	893,496
										Totals to Date	925,133	2,611	8,941	936,053	990,475
Panel #	Roll Stock #	Deploy Date	Side 1 Length	Side 2 Length	AVG Length	Width 1	Width 2	AVG Width	Tri Angle Side 1	Tri Angle Side 2	Panel Total SF	LF in Trench	SF In Trench	Total SF (Pay Area)	Initial Square Feet
D-984	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-985	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-986	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-987	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-988	G15E385277	7/27/16	8.00	8.00	8.00	14.00	14.00	14.00	-	-	112	14	49	161	174
D-989	G15E385285	7/27/16	156.00	156.00	156.00	14.00	14.00	14.00	-	-	2,184	-	-	2,184	2277
D-990	G15E385291	7/27/16	157.00	157.00	157.00	14.00	14.00	14.00	-	-	2,198	-	-	2,198	2306
D-991	G15E391031	7/27/16	158.00	158.00	158.00	14.00	14.00	14.00	-	-	2,212	-	-	2,212	2306
D-992	G15E391023	7/27/16	112.00	112.00	112.00	14.00	14.00	14.00	-	-	1,568	-	-	1,568	1653
D-993	G15E385282	7/27/16	94.00	94.00	94.00	14.00	14.00	14.00	-	-	1,316	-	-	1,316	1378
D-994	G15E391028	7/27/16	40.00	40.00	40.00	14.00	14.00	14.00	-	-	560	-	-	560	609
D-995	G15E385282	7/27/16	57.00	57.00	57.00	14.00	14.00	14.00	-	-	798	-	-	798	870
D-996	G15E385284	7/27/16	82.00	82.00	82.00	14.00	14.00	14.00	-	-	1,148	-	-	1,148	1218
D-997	G15E385284	7/27/16	66.00	66.00	66.00	14.00	14.00	14.00	-	-	924	-	-	924	986
D-998	G15E385281	7/27/16	101.00	101.00	101.00	14.00	14.00	14.00	-	-	1,414	-	-	1,414	1479
D-999	G15E385281	7/27/16	61.00	61.00	61.00	14.00	14.00	14.00	-	-	854	-	-	854	914
D-1000	G15E385292	7/27/16	74.00	74.00	74.00	14.00	14.00	14.00	-	-	1,036	-	-	1,036	1088
D-1001	G15E385292	7/27/16	72.00	72.00	72.00	14.00	14.00	14.00	-	-	1,008	-	-	1,008	592
D-1002	G15E385288	7/27/16	126.00	126.00	126.00	14.00	14.00	14.00	-	-	1,764	-	-	1,764	1856
D-1003	G15E385288	7/27/16	13.00	13.00	13.00	14.00	14.00	14.00	-	-	182	-	-	182	203
D-1004	G15E386293	7/27/16	105.00	105.00	105.00	14.00	14.00	14.00	-	-	1,470	-	-	1,470	1537
D-1005	G15E386293	7/27/16	52.00	52.00	52.00	12.50	12.50	12.50	-	-	650	-	-	650	798
D-1006	G15E385254	7/27/16	5.00	5.00	5.00	14.00	14.00	14.00	-	-	70	-	-	70	87
D-1007	G15E385254	7/27/16	81.00	81.00	81.00	14.00	14.00	14.00	-	-	1,134	-	-	1,134	1189
D-1008	G15E385254	7/27/16	44.00	44.00	44.00	14.00	14.00	14.00	-	-	616	-	-	616	653
D-1009	G15E385283	7/27/16	54.00	54.00	54.00	14.00	14.00	14.00	-	-	756	-	-	756	841
D-1010	G15E385283	7/27/16	26.00	26.00	26.00	14.00	14.00	14.00	-	-	364	-	-	364	392
D-1011	G15E385283	7/27/16	20.00	20.00	20.00	14.00	14.00	14.00	-	-	280	-	-	280	305

Panel Placement Summary

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Superintendent** Ali Malimar

Material Type: GDL **Primary** - **Cell** -

Description: **Secondary** - **Pond** -

Cap X

Other -

										Totals From Previous Book	**835,437**	**1,979**	**6,729**	**844,145**	**893,496**
										Totals to Date	**925,133**	**2,611**	**8,941**	**936,053**	**990,475**
Panel #	**Roll Stock #**	**Deploy Date**	**Side 1 Length**	**Side 2 Length**	**AVG Length**	**Width 1**	**Width 2**	**AVG Width**	**Tri Angle Side 1**	**Tri Angle Side 2**	**Panel Total SF**	**LF in Trench**	**SF In Trench**	**Total SF (Pay Area)**	**Initial Square Feet**
D-1012	G15E385283	7/27/16	22.00	22.00	22.00	14.00	14.00	14.00	-	-	308	-	-	308	334

Daily Panel Placement **Page** 1

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/04/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-1	Roll # G15E393207		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-2	Roll # G15E393207		
Final Length Avg.	137.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	139.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,016	Lineal Feet Trench	
Final SF	1,918		

14.5 / 14 / 139 / 137 / 137 / 139 / 14 / 14.5

Notes:

Panel # D-3	Roll # G15E393200		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Panel # D-4	Roll # G15E393200		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Panel # D-5	Roll # G15E387402		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Panel # D-6	Roll # G15E387402		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Panel # D-7	Roll # G15E387416		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-8	Roll # G15E387416		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,030		

14.5 / 14 / 147 / 145 / 145 / 147 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,652**	**SF**
Total Pay Area This Page	**8,848**	**SF**
LF In Trench Previous	-	LF
LF In Trench To Date	56	LF
SF In Trench Previous	-	SF
Total SF in Trench to Date	196	SF
Total Panel SF Previous	-	SF
Total Panel SF To Date	8,652	SF
Total Pay Area To Date Including Anchor Trench	**8,848**	
Initial Quantity Previous	-	SF
Initial Quantity This Page	9,266	SF
Initial Quantity To Date	9,266	SF

Daily Panel Placement **Page** 2

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/04/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes	Initial SF	Final SF	Lineal Feet Trench
D-9	G15E391057	156.00 LF	14.00 LF	157.00 LF	14.50 LF	14.5 / 14 / 157 / 156 / 156 / 157 / 14 / 14.5	2,277	2,184	
D-10	G15E391056	158.00 LF	14.00 LF	159.00 LF	14.50 LF	14.5 / 14 / 159 / 158 / 158 / 159 / 14 / 14.5	2,306	2,212	
D-11	G15E393238	172.00 LF	14.00 LF	174.00 LF	14.50 LF	roll is suppose to be 160 ft but was 174 feet long / 14.5 / 14 / 174 / 172 / 172 / 174 / 14 / 14.5	2,523	2,408	
D-12	G15E393213	157.00 LF	14.00 LF	158.00 LF	14.50 LF	14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5	2,291	2,198	
							-	-	
							-	-	
							-	-	
							-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,002**	**SF**
Total Pay Area This Page	**9,002**	**SF**
LF In Trench Previous	56	LF
LF In Trench To Date	56	LF
SF In Trench Previous	196	SF
Total SF in Trench to Date	196	SF
Total Panel SF Previous	8,652	SF
Total Panel SF To Date	17,654	SF
Total Pay Area To Date Including Anchor Trench	**17,850**	
Initial Quantity Previous	9,266	SF
Initial Quantity This Page	9,396	SF
Initial Quantity To Date	18,662	SF

Daily Panel Placement **Page** 3

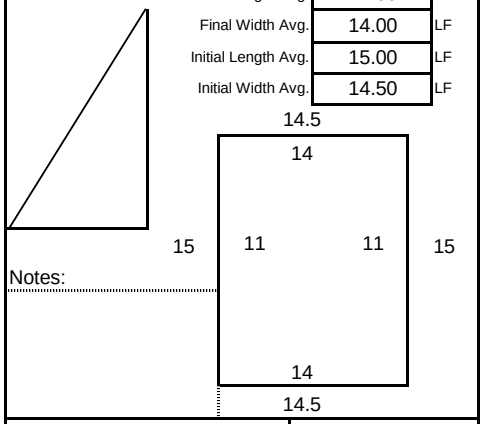
Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/05/16

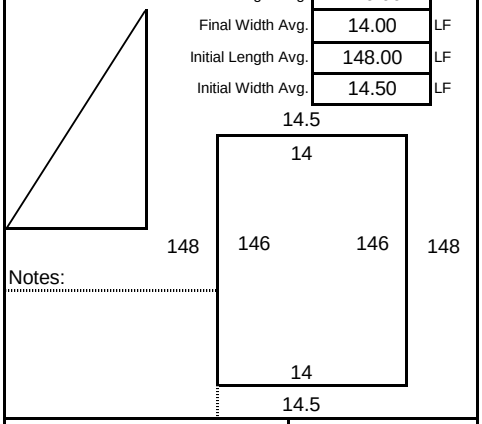
Superintendent: Ali Malimar **Material Type:** GDL

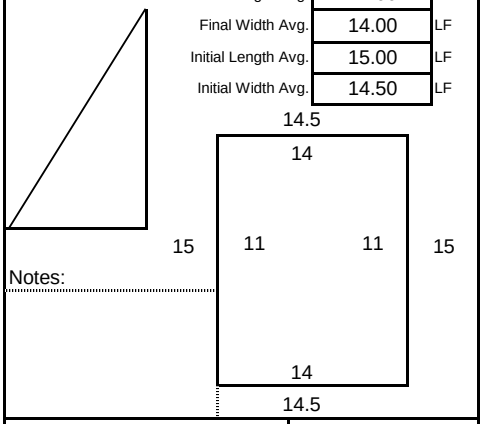
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

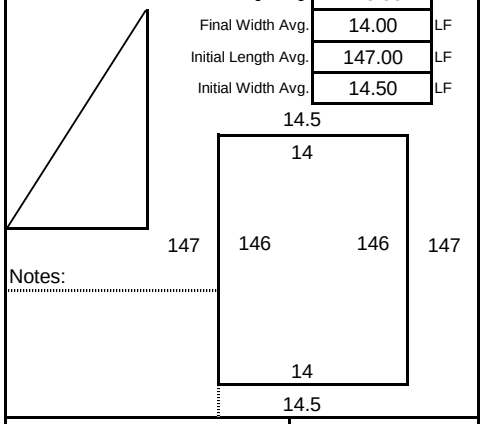
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

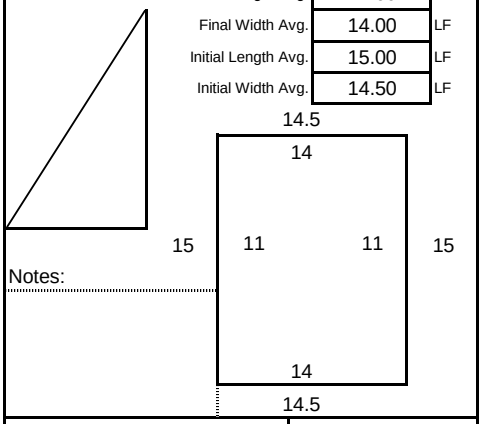
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-13	G15E393202	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-14	G15E393202	146.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,044	
D-15	G15E387417	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-16	G15E387417	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-17	G15E387381	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-18	G15E387381	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-19	G15E393168	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-20	G15E393168	191.00 LF	14.00 LF	192.00 LF	14.50 LF		2,784	2,674	

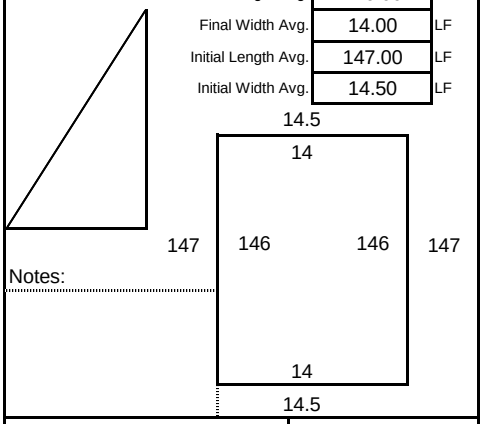


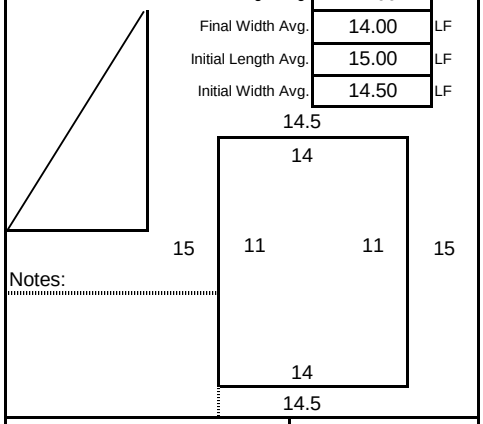


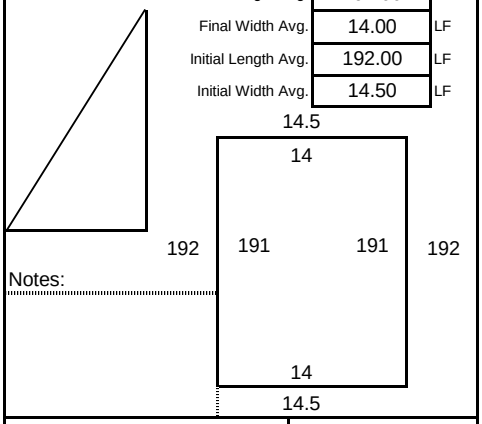












Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**9,422**	**SF**
Total Pay Area This Page	**9,618**	**SF**
LF In Trench Previous	56	LF
LF In Trench To Date	112	LF
SF In Trench Previous	196	SF
Total SF in Trench to Date	392	SF
Total Panel SF Previous	17,654	SF
Total Panel SF To Date	27,076	SF
Total Pay Area To Date Including Anchor Trench	**27,468**	
Initial Quantity Previous	18,662	SF
Initial Quantity This Page	10,063	SF
Initial Quantity To Date	28,725	SF

Daily Panel Placement **Page** 4

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/05/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-21	G15E386366	11.00 LF	14.00 LF	15.00 LF	14.50 LF	218	154	14
D-22	G15E386366	146.00 LF	14.00 LF	147.00 LF	14.50 LF	2,132	2,044	
D-23	G15E391040	156.00 LF	14.00 LF	158.00 LF	14.50 LF	2,291	2,184	
D-24	G15E386335	156.00 LF	14.00 LF	157.00 LF	14.50 LF	2,277	2,184	
D-25	G15E387394	158.00 LF	14.00 LF	159.00 LF	14.50 LF	2,306	2,212	
D-26	G15E387380	107.00 LF	14.00 LF	108.00 LF	14.50 LF	1,566	1,498	
D-27	G15E393227	159.00 LF	14.00 LF	160.00 LF	14.50 LF	2,320	2,226	
						-	-	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**12,502**	**SF**
Total Pay Area This Page	**12,551**	**SF**
LF In Trench Previous	112	LF
LF In Trench To Date	126	LF
SF In Trench Previous	392	SF
Total SF in Trench to Date	441	SF
Total Panel SF Previous	27,076	SF
Total Panel SF To Date	39,578	SF
Total Pay Area To Date Including Anchor Trench	**40,019**	
Initial Quantity Previous	28,725	SF
Initial Quantity This Page	13,108	SF
Initial Quantity To Date	41,833	SF

Daily Panel Placement **Page** 5

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/06/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel # D-28	Roll # G15E391052		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

Notes:

Panel # D-29	Roll # G15E391052		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

Notes:

Panel # D-30	Roll # G15E387390		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

Notes:

Panel # D-31	Roll # G15E387390		
Final Length Avg.	140.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	141.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,045	Lineal Feet Trench	
Final SF	1,960		

Notes:

Panel # D-32	Roll # G15E391060		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

Notes:

Panel # D-33	Roll # G15E391060		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

Notes:

Panel # D-34	Roll # G15E386338		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

Notes:

Panel # D-35	Roll # G15E386338		
Final Length Avg.	134.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	135.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,965	Lineal Feet Trench	
Final SF	1,883		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,561**	**SF**
Total Pay Area This Page	**8,757**	**SF**
LF In Trench Previous	126	LF
LF In Trench To Date	182	LF
SF In Trench Previous	441	SF
Total SF in Trench to Date	637	SF
Total Panel SF Previous	39,578	SF
Total Panel SF To Date	48,139	SF
Total Pay Area To Date Including Anchor Trench	**48,776**	
Initial Quantity Previous	41,833	SF
Initial Quantity This Page	9,150	SF
Initial Quantity To Date	50,982	SF

Daily Panel Placement **Page** 6

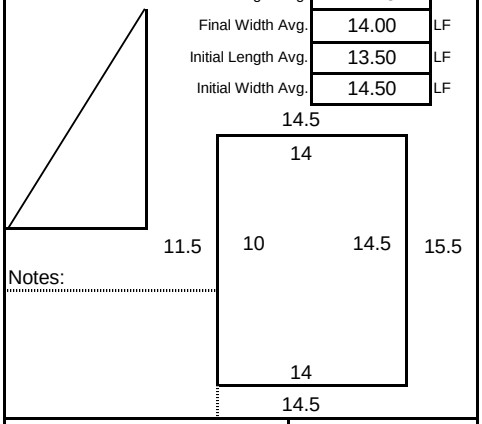
Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/06/16

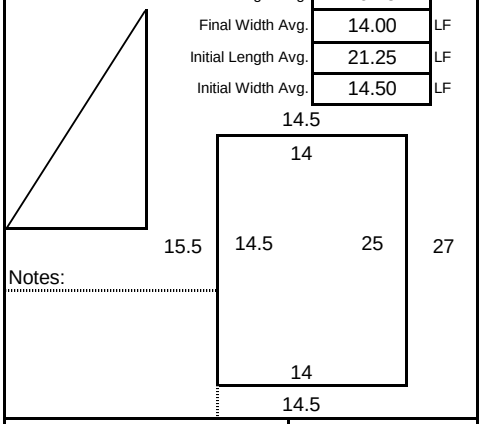
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-36	G15E386338	12.25 LF	14.00 LF	13.50 LF	14.50 LF	196	172	
D-37	G15E387380	19.75 LF	14.00 LF	21.25 LF	14.50 LF	308	277	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	





Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**448**	**SF**
Total Pay Area This Page	**448**	**SF**
LF In Trench Previous	182	LF
LF In Trench To Date	182	LF
SF In Trench Previous	637	SF
Total SF in Trench to Date	637	SF
Total Panel SF Previous	48,139	SF
Total Panel SF To Date	48,587	SF
Total Pay Area To Date Including Anchor Trench	**49,224**	
Initial Quantity Previous	50,982	SF
Initial Quantity This Page	504	SF
Initial Quantity To Date	51,486	SF

Daily Panel Placement **Page** 7

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/09/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-38 Roll # G15E387378

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-39 Roll # G15E387378

Final Length Avg.	147.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 148 / 147 / 147 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

Panel # D-40 Roll # G15E391071

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	14.50	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Initial SF	210	Lineal Feet Trench	
Final SF	154		14

Panel # D-41 Roll # G15E391071

Final Length Avg.	147.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 148 / 147 / 147 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

Panel # D-42 Roll # G15E391068

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	14.50	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Initial SF	210	Lineal Feet Trench	
Final SF	154		14

Panel # D-43 Roll # G15E391068

Final Length Avg.	148.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	150.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 150 / 148 / 148 / 150 / 14 / 14.5

Notes:

Initial SF	2,175	Lineal Feet Trench	
Final SF	2,072		

Panel # D-44 Roll # G15E387418

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-45 Roll # G15E387418

Final Length Avg.	146.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

Material in Anchor Trench

Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,848**	**SF**
Total Pay Area This Page	**9,044**	**SF**
LF In Trench Previous	182	LF
LF In Trench To Date	238	LF
SF In Trench Previous	637	SF
Total SF in Trench to Date	833	SF
Total Panel SF Previous	48,587	SF
Total Panel SF To Date	57,435	SF
Total Pay Area To Date Including Anchor Trench	**58,268**	
Initial Quantity Previous	51,486	SF
Initial Quantity This Page	9,469	SF
Initial Quantity To Date	60,954	SF

Daily Panel Placement **Page** 8

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/09/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-46	Roll # G15E391069		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 15 | 11 | 11 | 15 | 14 | 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

Panel # D-47	Roll # G15E391069		
Final Length Avg.	136.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	137.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 143 | 142 | 131 | 132 | 14 | 14.5

Notes:

Initial SF	1,994	Lineal Feet Trench	
Final SF	1,911		

Panel # D-48	Roll # G15E386342		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 14.5 | 11 | 11 | 14.5 | 14 | 14.5

Notes:

Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

Panel # D-49	Roll # G15E386342		
Final Length Avg.	126.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	127.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 132 | 131 | 122 | 123 | 14 | 14.5

Notes:

Initial SF	1,849	Lineal Feet Trench	
Final SF	1,771		

Panel # D-50	Roll # G15E386322		
Final Length Avg.	43.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	44.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 49 | 48 | 39 | 40 | 14 | 14.5

Notes:

Initial SF	645	Lineal Feet Trench	
Final SF	609		

Panel # D-51	Roll # G15E386322		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	35.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 40 | 39 | 29 | 31 | 14 | 14.5

Notes:

Initial SF	515	Lineal Feet Trench	
Final SF	476		

Panel # D-52	Roll # G15E386322		
Final Length Avg.	21.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 31 | 29 | 14 | 15 | 14 | 14.5

Notes:

Initial SF	334	Lineal Feet Trench	
Final SF	301		

Panel # D-53	Roll # G15E386342		
Final Length Avg.	8.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	9.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 15 | 14 | 3 | 4 | 14 | 14.5

Notes:

Initial SF	138	Lineal Feet Trench	
Final SF	119		

Material in Anchor Trench

Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**5,495**	**SF**
Total Pay Area This Page	**5,593**	**SF**
LF In Trench Previous	238	LF
LF In Trench To Date	266	LF
SF In Trench Previous	833	SF
Total SF in Trench to Date	931	SF
Total Panel SF Previous	57,435	SF
Total Panel SF To Date	62,930	SF
Total Pay Area To Date Including Anchor Trench	**63,861**	
Initial Quantity Previous	60,954	SF
Initial Quantity This Page	5,902	SF
Initial Quantity To Date	66,856	SF

Daily Panel Placement **Page** 9

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-54	G15E391067	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-55	G15E391067	116.00 LF	14.00 LF	117.00 LF	14.50 LF		1,697	1,624	
D-56	G15E391042	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-57	G15E391042	103.50 LF	14.00 LF	104.50 LF	14.50 LF		1,515	1,449	
D-58	G15E387448	11.00 LF	14.00 LF	14.50 LF	14.50 LF		210	154	14
D-59	G15E387448	91.00 LF	14.00 LF	92.00 LF	14.50 LF		1,334	1,274	
D-60	G15E391066	11.00 LF	14.00 LF	16.00 LF	14.50 LF		232	154	14
D-61	G15E391066	78.50 LF	14.00 LF	79.50 LF	14.50 LF		1,153	1,099	

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**6,062**	**SF**
Total Pay Area This Page	**6,258**	**SF**
LF In Trench Previous	266	LF
LF In Trench To Date	322	LF
SF In Trench Previous	931	SF
Total SF in Trench to Date	1,127	SF
Total Panel SF Previous	62,930	SF
Total Panel SF To Date	68,992	SF
Total Pay Area To Date Including Anchor Trench	**70,119**	
Initial Quantity Previous	66,856	SF
Initial Quantity This Page	6,576	SF
Initial Quantity To Date	73,432	SF

Daily Panel Placement **Page** 10

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-62	Roll # G15E387445		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-63	Roll # G15E387445		
Final Length Avg.	65.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	66.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 73 / 72 / 59 / 60 / 14 / 14.5

Notes:

Initial SF	964	Lineal Feet Trench	
Final SF	917		

Panel # D-64	Roll # G15E391066		
Final Length Avg.	12.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 11 / 14 / 18 / 14 / 14.5

Notes:

Initial SF	239	Lineal Feet Trench	
Final SF	175		14

Panel # D-65	Roll # G15E391066		
Final Length Avg.	50.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	51.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 60 / 59 / 42 / 43 / 14 / 14.5

Notes:

Initial SF	747	Lineal Feet Trench	
Final SF	707		

Panel # D-66	Roll # G15E387445		
Final Length Avg.	18.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 18 / 14 / 23 / 28 / 14 / 14.5

Notes:

Initial SF	334	Lineal Feet Trench	
Final SF	259		14

Panel # D-67	Roll # G15E387445		
Final Length Avg.	30.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 / 42 / 19 / 20 / 14 / 14.5

Notes:

Initial SF	457	Lineal Feet Trench	
Final SF	427		

Panel # D-68	Roll # G15E387445		
Final Length Avg.	28.50	LF	
Final Width Avg.	7.25	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	8.00	LF	

8 / 7 / 28 / 24 / 33 / 38 / 7.5 / 8

Notes:

Initial SF	264	Lineal Feet Trench	
Final SF	207		7

Panel # D-69	Roll # G15E387448		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

18 / 19 / 8.5 / 9

Notes:

Initial SF	86	Lineal Feet Trench	
Final SF	77		

Material in Anchor Trench		
Total LF In Trench This Page	49.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**172**	**SF**
Total Panel SF This Page	**2,922**	**SF**
Total Pay Area This Page	**3,094**	**SF**
LF In Trench Previous	322	LF
LF In Trench To Date	371	LF
SF In Trench Previous	1,127	SF
Total SF in Trench to Date	1,299	SF
Total Panel SF Previous	68,992	SF
Total Panel SF To Date	71,914	SF
Total Pay Area To Date Including Anchor Trench	**73,213**	
Initial Quantity Previous	73,432	SF
Initial Quantity This Page	3,308	SF
Initial Quantity To Date	76,739	SF

Daily Panel Placement **Page** 11

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-70 Roll # G15E387448

Final Length Avg.	33.50	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	39.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 44 / 39 / 28 / 34 / 14 / 14.5

Notes:

Initial SF	566	Lineal Feet Trench	
Final SF	469		14

Panel # D-71 Roll # G15E387446

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-72 Roll # G15E387446

Final Length Avg.	47.50	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	48.50	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 55 / 54 / 41 / 42 / 14 / 14.5

Notes:

Initial SF	703	Lineal Feet Trench	
Final SF	665		

Panel # D-73 Roll # G15E387446

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-74 Roll # G15E387446

Final Length Avg.	30.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	31.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 42 / 41 / 19 / 20 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench	
Final SF	420		

Panel # D-75 Roll # G15E387446

Final Length Avg.	12.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	16.50	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 14 / 11 / 13 / 19 / 14 / 14.5

Notes:

Initial SF	239	Lineal Feet Trench	
Final SF	168		14

Panel # D-76 Roll # G15E387446

Final Length Avg.	13.00	LF
Final Width Avg.	7.50	LF
Initial Length Avg.	14.00	LF
Initial Width Avg.	8.00	LF

8 / 7.5 / 18 / 16 / 10 / 10 / 7.5 / 8

Notes:

Initial SF	112	Lineal Feet Trench	
Final SF	98		

Panel # D-77 Roll # G15E387446

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

18 / 13 / 7 / 12

Notes:

Initial SF	108	Lineal Feet Trench	
Final SF	46		7

Material in Anchor Trench

Total LF In Trench This Page	63.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**221**	**SF**
Total Panel SF This Page	**2,173**	**SF**
Total Pay Area This Page	**2,394**	**SF**
LF In Trench Previous	371	LF
LF In Trench To Date	434	LF
SF In Trench Previous	1,299	SF
Total SF in Trench to Date	1,519	SF
Total Panel SF Previous	71,914	SF
Total Panel SF To Date	74,087	SF
Total Pay Area To Date Including Anchor Trench	**75,606**	
Initial Quantity Previous	76,739	SF
Initial Quantity This Page	2,613	SF
Initial Quantity To Date	79,352	SF

Daily Panel Placement **Page** 12

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel # D-78	Roll # G15E391070		
Final Length Avg.	64.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	64.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	928	Lineal Feet Trench	
Final SF	896		

14.5 / 14 / 57 / 57 / 71 / 71 / 14 / 14.5

Notes:

Panel # D-79	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-80	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-81	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-82	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Panel # D-83	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 14.5 / 11 / 11 / 14.5 / 14 / 14.5

Notes:

Panel # D-84	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-85	Roll # G15E391070		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	98.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**343**	**SF**
Total Panel SF This Page	**1,974**	**SF**
Total Pay Area This Page	**2,317**	**SF**
LF In Trench Previous	434	LF
LF In Trench To Date	532	LF
SF In Trench Previous	1,519	SF
Total SF in Trench to Date	1,862	SF
Total Panel SF Previous	74,087	SF
Total Panel SF To Date	76,061	SF
Total Pay Area To Date Including Anchor Trench	**77,923**	
Initial Quantity Previous	79,352	SF
Initial Quantity This Page	2,436	SF
Initial Quantity To Date	81,788	SF

Daily Panel Placement **Page** 13

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-86	G15E391070	11.00 LF	14.00 LF	15.00 LF	14.50 LF		218	154	14
D-87	G15E387449	78.50 LF	14.00 LF	78.50 LF	14.50 LF		1,138	1,099	
D-88	G15E387427	94.50 LF	14.00 LF	94.50 LF	14.50 LF		1,370	1,323	
D-89	G15E387437	111.50 LF	14.00 LF	111.50 LF	14.50 LF		1,617	1,561	
D-90	G15E387425	125.00 LF	14.00 LF	125.00 LF	14.50 LF		1,813	1,750	
D-91	G15E387426	140.50 LF	14.00 LF	141.00 LF	14.50 LF		2,045	1,967	
D-92	G15E391005	170.00 LF	14.00 LF	171.00 LF	14.50 LF		2,480	2,380	
D-93	G15E387443	143.00 LF	14.00 LF	144.00 LF	14.50 LF		2,088	2,002	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**12,236**	**SF**
Total Pay Area This Page	**12,285**	**SF**
LF In Trench Previous	532	LF
LF In Trench To Date	546	LF
SF In Trench Previous	1,862	SF
Total SF in Trench to Date	1,911	SF
Total Panel SF Previous	76,061	SF
Total Panel SF To Date	88,297	SF
Total Pay Area To Date Including Anchor Trench	**90,208**	
Initial Quantity Previous	81,788	SF
Initial Quantity This Page	12,767	SF
Initial Quantity To Date	94,555	SF

Daily Panel Placement **Page** 14

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-94 Roll # G15E387443

Final Length Avg.	11.00	LF
Final Width Avg.	8.00	LF
Initial Length Avg.	15.50	LF
Initial Width Avg.	8.00	LF

8 / 8 / 15 / 11 / 11 / 16 / 8 / 8

Notes:

Initial SF	124	Lineal Feet Trench	
Final SF	88		8

Panel # D-95 Roll # G15387441

Final Length Avg.	143.00	LF
Final Width Avg.	8.00	LF
Initial Length Avg.	145.00	LF
Initial Width Avg.	8.00	LF

8 / 8 / 145 / 143 / 143 / 145 / 8 / 8

Notes: OFFSET PANEL

Initial SF	1,160	Lineal Feet Trench	
Final SF	1,144		

Panel # D-96 Roll # G15E387438

Final Length Avg.	145.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 148 / 145 / 145 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench	
Final SF	2,030		

Panel # D-97 Roll # G15E387419

Final Length Avg.	146.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

Panel # D-98 Roll # G15E387438

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	16.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 16 / 11 / 11 / 16 / 14 / 14.5

Notes:

Initial SF	232	Lineal Feet Trench	
Final SF	154		14

Panel # D-99 Roll # G15E387419

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-100 Roll # G15E391002

Final Length Avg.	11.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	15.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	154		14

Panel # D-101 Roll # G15E391002

Final Length Avg.	142.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	144.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 144 / 142 / 142 / 144 / 14 / 14.5

Notes:

Initial SF	2,088	Lineal Feet Trench	
Final SF	1,988		

Material in Anchor Trench

Total LF In Trench This Page	50.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**175**	**SF**
Total Panel SF This Page	**7,756**	**SF**
Total Pay Area This Page	**7,931**	**SF**
LF In Trench Previous	546	LF
LF In Trench To Date	596	LF
SF In Trench Previous	1,911	SF
Total SF in Trench to Date	2,086	SF
Total Panel SF Previous	88,297	SF
Total Panel SF To Date	96,053	SF
Total Pay Area To Date Including Anchor Trench	**98,139**	
Initial Quantity Previous	94,555	SF
Initial Quantity This Page	8,331	SF
Initial Quantity To Date	102,886	SF

Daily Panel Placement **Page** 15

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/11/16

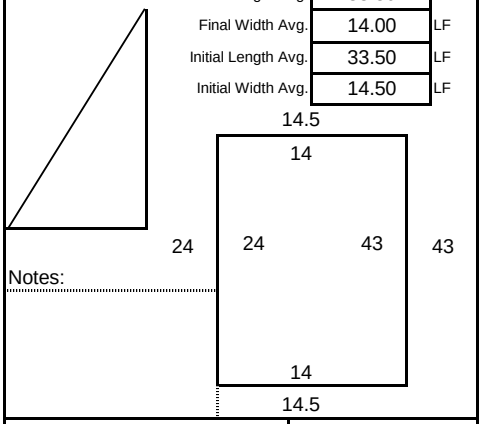
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-102 Roll # G15E387427

Final Length Avg.	33.50	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	33.50	LF
Initial Width Avg.	14.50	LF

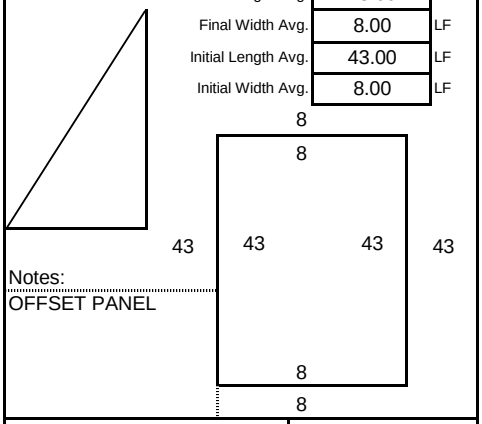


Notes:

Initial SF	486	Lineal Feet Trench	
Final SF	469		

Panel # D-103 Roll # G15E387437

Final Length Avg.	43.00	LF
Final Width Avg.	8.00	LF
Initial Length Avg.	43.00	LF
Initial Width Avg.	8.00	LF

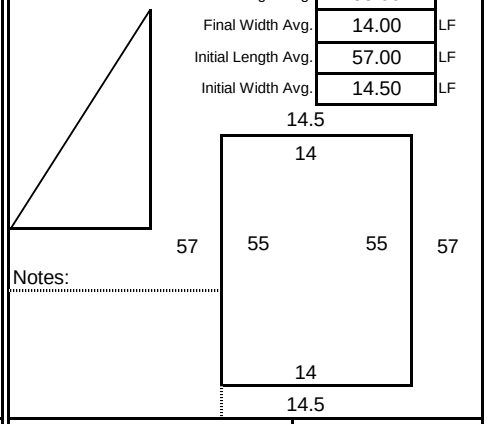


Notes: OFFSET PANEL

Initial SF	344	Lineal Feet Trench	
Final SF	344		

Panel # D-104 Roll # G15E387449

Final Length Avg.	55.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	57.00	LF
Initial Width Avg.	14.50	LF

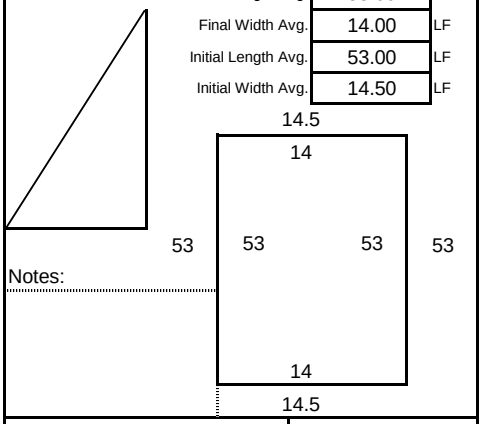


Notes:

Initial SF	827	Lineal Feet Trench	
Final SF	770		

Panel # D-105 Roll # G15E387426

Final Length Avg.	53.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	53.00	LF
Initial Width Avg.	14.50	LF

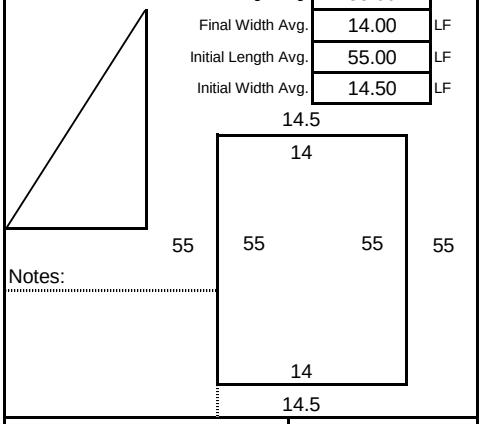


Notes:

Initial SF	769	Lineal Feet Trench	
Final SF	742		

Panel # D-106 Roll # G15E387426

Final Length Avg.	55.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	55.00	LF
Initial Width Avg.	14.50	LF

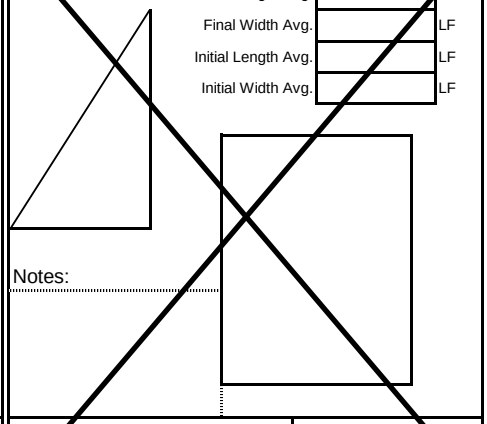


Notes:

Initial SF	798	Lineal Feet Trench	
Final SF	770		

Panel # Roll #

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

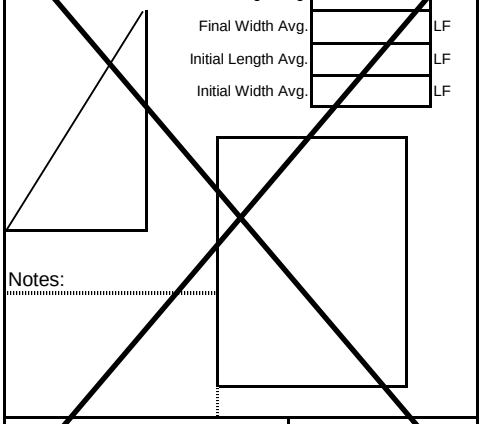


Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # Roll #

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

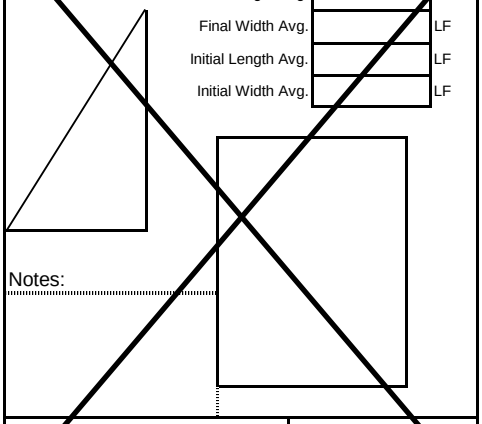


Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # Roll #

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF



Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,095**	**SF**
Total Pay Area This Page	**3,095**	**SF**
LF In Trench Previous	596	LF
LF In Trench To Date	596	LF
SF In Trench Previous	2,086	SF
Total SF in Trench to Date	2,086	SF
Total Panel SF Previous	96,053	SF
Total Panel SF To Date	99,148	SF
Total Pay Area To Date Including Anchor Trench	**101,234**	
Initial Quantity Previous	102,886	SF
Initial Quantity This Page	3,222	SF
Initial Quantity To Date	106,108	SF

Daily Panel Placement **Page** 16

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel # D-107	Roll # G15E387439		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-108	Roll # G15E387439		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,117	Lineal Feet Trench	
Final SF	2,030		

14.5 / 14 / 146 / 145 / 145 / 146 / 14 / 14.5

Notes:

Panel # D-109	Roll # G15E387420		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.75	LF	
Initial Width Avg.	14.50	LF	
Initial SF	214	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 14.5 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-110	Roll # G15E387420		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,103	Lineal Feet Trench	
Final SF	2,016		

14.5 / 14 / 145 / 144 / 144 / 145 / 14 / 14.5

Notes:

Panel # D-111	Roll # G15E387424		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 15 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-112	Roll # G15E387424		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,103	Lineal Feet Trench	
Final SF	2,002		

14.5 / 14 / 145 / 143 / 143 / 145 / 14 / 14.5

Notes:

Panel # D-113	Roll # G15E391004		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	225	Lineal Feet Trench	
Final SF	154	14	

14.5 / 14 / 16 / 11 / 11 / 15 / 14 / 14.5

Notes:

Panel # D-114	Roll # G15E391004		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,708**	**SF**
Total Pay Area This Page	**8,904**	**SF**
LF In Trench Previous	596	LF
LF In Trench To Date	652	LF
SF In Trench Previous	2,086	SF
Total SF in Trench to Date	2,282	SF
Total Panel SF Previous	99,148	SF
Total Panel SF To Date	107,856	SF
Total Pay Area To Date Including Anchor Trench	**110,138**	
Initial Quantity Previous	106,108	SF
Initial Quantity This Page	9,327	SF
Initial Quantity To Date	115,435	SF

Daily Panel Placement **Page** 17

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-115	G15E391045	54.00 LF	14.00 LF	55.00 LF	14.50 LF		798	756	
D-116	G15E391045	54.00 LF	14.00 LF	55.00 LF	14.50 LF		798	756	
D-17	G15E391045	51.00 LF	14.00 LF	52.00 LF	14.50 LF		754	714	
D-118	G15E387426	50.00 LF	14.00 LF	51.00 LF	14.50 LF		740	700	
D-119	G15E391046	11.00 LF	14.00 LF	16.00 LF	14.50 LF		232	154	14
D-120	G15E391046	144.00 LF	14.00 LF	146.00 LF	14.50 LF		2,117	2,016	
D-121	G15E391039	11.00 LF	14.00 LF	14.50 LF	14.50 LF		210	154	14
D-122	G15E391039	143.00 LF	14.00 LF	145.00 LF	14.50 LF		2,103	2,002	

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**7,252**	**SF**
Total Pay Area This Page	**7,350**	**SF**
LF In Trench Previous	652	LF
LF In Trench To Date	680	LF
SF In Trench Previous	2,282	SF
Total SF in Trench to Date	2,380	SF
Total Panel SF Previous	107,856	SF
Total Panel SF To Date	115,108	SF
Total Pay Area To Date Including Anchor Trench	**117,488**	
Initial Quantity Previous	115,435	SF
Initial Quantity This Page	7,750	SF
Initial Quantity To Date	123,186	SF

Daily Panel Placement **Page** 18

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel # D-123	Roll # G15E387377		
Final Length Avg.	52.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	52.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	754	Lineal Feet Trench	
Final SF	728		

14.5 / 14 / 52 52 / 14 / 14.5 — 52 / 52

Notes:

Panel # D-124	Roll # G15E387377		
Final Length Avg.	48.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	711	Lineal Feet Trench	
Final SF	672		

14.5 / 14 / 48 48 / 14 / 14.5 — 49 / 49

Notes:

Panel # D-125	Roll # G15E387377		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	210		

14.5 / 14 / 15 15 / 14 / 14.5 — 15 / 15

Notes:

Panel # D-126	Roll # G15E387377		
Final Length Avg.	17.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	17.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	247	Lineal Feet Trench	
Final SF	238		

14.5 / 14 / 17 17 / 14 / 14.5 — 17 / 17

Notes:

Panel # D-127	Roll # G15E391067		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	378		

14.5 / 14 / 27 27 / 14 / 14.5 — 28 / 28

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,226**	**SF**
Total Pay Area This Page	**2,226**	**SF**
LF In Trench Previous	680	LF
LF In Trench To Date	680	LF
SF In Trench Previous	2,380	SF
Total SF in Trench to Date	2,380	SF
Total Panel SF Previous	115,108	SF
Total Panel SF To Date	117,334	SF
Total Pay Area To Date Including Anchor Trench	**119,714**	
Initial Quantity Previous	123,186	SF
Initial Quantity This Page	2,335	SF
Initial Quantity To Date	125,520	SF

Daily Panel Placement **Page** 19

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-128	G15E387429	10.00 LF	14.00 LF	14.50 LF	14.50 LF		210	140	14
D-129	G15E387429	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-130	G15E393192	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-131	G15E393192	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-132	G15E387396	158.00 LF	7.00 LF	158.00 LF	7.00 LF	OFFSET PANEL	1,106	1,106	
D-133	G15E393193	10.00 LF	7.00 LF	14.00 LF	7.00 LF	OFFSET PANEL	98	70	7
D-134	G15E393193	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-135	G15E393193	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14

Material in Anchor Trench		
Total LF In Trench This Page	63.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**221**	**SF**
Total Panel SF This Page	**5,852**	**SF**
Total Pay Area This Page	**6,073**	**SF**
LF In Trench Previous	680	LF
LF In Trench To Date	743	LF
SF In Trench Previous	2,380	SF
Total SF in Trench to Date	2,601	SF
Total Panel SF Previous	117,334	SF
Total Panel SF To Date	123,186	SF
Total Pay Area To Date Including Anchor Trench	**125,787**	
Initial Quantity Previous	125,520	SF
Initial Quantity This Page	6,315	SF
Initial Quantity To Date	131,835	SF

Daily Panel Placement **Page** 20

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-136	G15E393193	10.00 LF	14.00 LF	13.50 LF	14.50 LF	196	140	14
D-137	G15E387398	150.00 LF	14.00 LF	151.00 LF	14.50 LF	2,190	2,100	14
D-138	G15E393189	165.00 LF	14.00 LF	166.00 LF	14.50 LF	2,407	2,310	
D-139	G15E392156	144.00 LF	14.00 LF	145.00 LF	14.50 LF	2,103	2,016	
D-140	G15E393191	143.00 LF	14.00 LF	144.00 LF	14.50 LF	2,088	2,002	
D-141	G15E393203	143.00 LF	14.00 LF	144.00 LF	14.50 LF	2,088	2,002	
D-142	G15E393198	144.00 LF	14.00 LF	145.00 LF	14.50 LF	2,103	2,016	
D-143	G15E393190	144.00 LF	14.00 LF	145.00 LF	14.50 LF	2,103	2,016	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**14,602**	**SF**
Total Pay Area This Page	**14,700**	**SF**
LF In Trench Previous	743	LF
LF In Trench To Date	771	LF
SF In Trench Previous	2,601	SF
Total SF in Trench to Date	2,699	SF
Total Panel SF Previous	123,186	SF
Total Panel SF To Date	137,788	SF
Total Pay Area To Date Including Anchor Trench	**140,487**	
Initial Quantity Previous	131,835	SF
Initial Quantity This Page	15,276	SF
Initial Quantity To Date	147,111	SF

Daily Panel Placement **Page** 21

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-144	G15E393193	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-145	G15E393193	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-146	G15E393193	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-147	G15E393193	10.00 LF	14.00 LF	14.50 LF	14.50 LF	210	140	14
D-148	G15E393194	101.00 LF	14.00 LF	102.00 LF	14.50 LF	1,479	1,414	
D-149	G15E393194	45.00 LF	14.00 LF	47.00 LF	14.50 LF	682	630	
D-150	G15E387435	59.00 LF	14.00 LF	60.00 LF	14.50 LF	870	826	
D-151	G15E387396	94.00 LF	6.50 LF	95.00 LF	7.00 LF	665	611	

D-144 / D-145 / D-146: 14.5 × 14; 14 | 10 | 10 | 14; 14 × 14.5

D-147: 14.5 × 14; 14 | 10 | 10 | 15; 14 × 14.5

D-148: 14.5 × 14; 102 | 101 | 101 | 102; 14 × 14.5

D-149: 14.5 × 14; 47 | 45 | 45 | 47; 14 × 14.5

D-150: 14.5 × 14; 60 | 59 | 59 | 60; 14 × 14.5

D-151: 7 × 6.5; 95 | 94 | 94 | 95; 6.5 × 7

Notes:

D-151 Notes: OFFSET PANEL

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**4,041**	**SF**
Total Pay Area This Page	**4,237**	**SF**
LF In Trench Previous	771	LF
LF In Trench To Date	827	LF
SF In Trench Previous	2,699	SF
Total SF in Trench to Date	2,895	SF
Total Panel SF Previous	137,788	SF
Total Panel SF To Date	141,829	SF
Total Pay Area To Date Including Anchor Trench	**144,724**	
Initial Quantity Previous	147,111	SF
Initial Quantity This Page	4,515	SF
Initial Quantity To Date	151,626	SF

Daily Panel Placement **Page** 22

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-152	Roll # G15E387435		
Final Length Avg.	92.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	93.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
93	92	92	93
14			
14.5			
Notes:			
Initial SF	1,349	Lineal Feet Trench	
Final SF	1,288		

Panel # D-153	Roll # G15E391006		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
16	15	15	16
14			
14.5			
Notes:			
Initial SF	232	Lineal Feet Trench	
Final SF	210		

Panel # D-154	Roll # G15E391006		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	91.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
91	90	90	91
14			
14.5			
Notes:			
Initial SF	1,320	Lineal Feet Trench	
Final SF	1,260		

Panel # D-155	Roll # G15E391006		
Final Length Avg.	50.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	51.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
51	50	50	51
14			
14.5			
Notes:			
Initial SF	740	Lineal Feet Trench	
Final SF	700		

Panel # D-156	Roll # G15E387410		
Final Length Avg.	53.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	54.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
54	53	53	54
14			
14.5			
Notes:			
Initial SF	783	Lineal Feet Trench	
Final SF	742		

Panel # D-157	Roll # G15E387410		
Final Length Avg.	92.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	93.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
93	92	92	93
14			
14.5			
Notes:			
Initial SF	1,349	Lineal Feet Trench	
Final SF	1,288		

Panel # D-158	Roll # G15E391001		
Final Length Avg.	23.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
24	23	23	24
14			
14.5			
Notes:			
Initial SF	348	Lineal Feet Trench	
Final SF	322		

Panel # D-159	Roll # G15E391001		
Final Length Avg.	113.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	114.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
114	113	113	114
14			
14.5			
Notes:			
Initial SF	1,653	Lineal Feet Trench	
Final SF	1,582		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,392**	**SF**
Total Pay Area This Page	**7,392**	**SF**
LF In Trench Previous	827	LF
LF In Trench To Date	827	LF
SF In Trench Previous	2,895	SF
Total SF in Trench to Date	2,895	SF
Total Panel SF Previous	141,829	SF
Total Panel SF To Date	149,221	SF
Total Pay Area To Date Including Anchor Trench	**152,116**	
Initial Quantity Previous	151,626	SF
Initial Quantity This Page	7,772	SF
Initial Quantity To Date	159,398	SF

Daily Panel Placement **Page** 23

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-160	G15E391001	18.00 LF	14.00 LF	19.00 LF	14.50 LF	276	252	
D-161	G15E387428	92.00 LF	14.00 LF	94.00 LF	14.50 LF	1,363	1,288	
D-162	G15E387428	57.00 LF	14.00 LF	59.00 LF	14.50 LF	856	798	
D-163	G15E387409	54.00 LF	14.00 LF	55.00 LF	14.50 LF	798	756	
D-164	G15E387409	85.00 LF	14.00 LF	86.00 LF	14.50 LF	1,247	1,190	
D-165	G15E392156	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-166	G15E387447	146.00 LF	14.00 LF	147.00 LF	14.50 LF	2,132	2,044	
D-167	G15E387450	28.00 LF	14.00 LF	29.00 LF	14.50 LF	421	392	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**6,860**	**SF**
Total Pay Area This Page	**6,909**	**SF**
LF In Trench Previous	827	LF
LF In Trench To Date	841	LF
SF In Trench Previous	2,895	SF
Total SF in Trench to Date	2,944	SF
Total Panel SF Previous	149,221	SF
Total Panel SF To Date	156,081	SF
Total Pay Area To Date Including Anchor Trench	**159,025**	
Initial Quantity Previous	159,398	SF
Initial Quantity This Page	7,294	SF
Initial Quantity To Date	166,691	SF

Daily Panel Placement **Page** 24

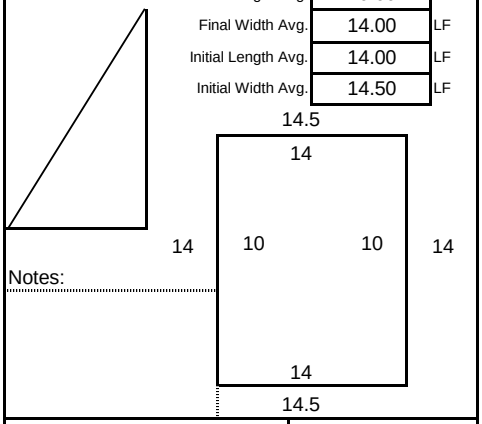
Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/26/16

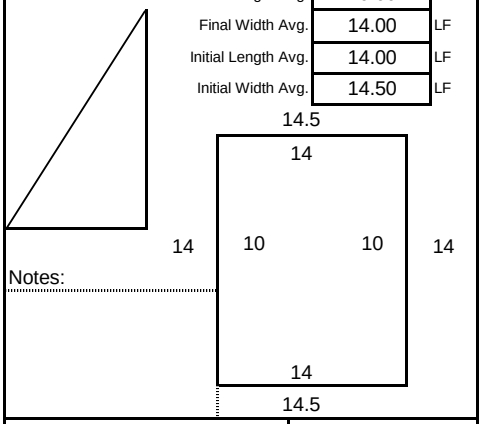
Superintendent: Ali Malimar **Material Type:** GDL

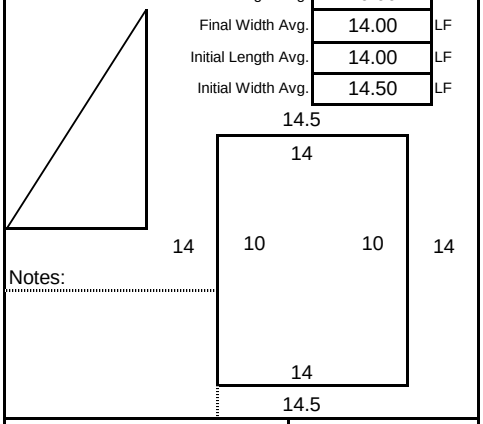
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

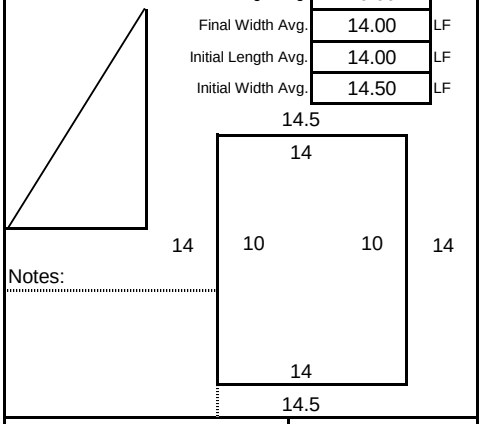
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

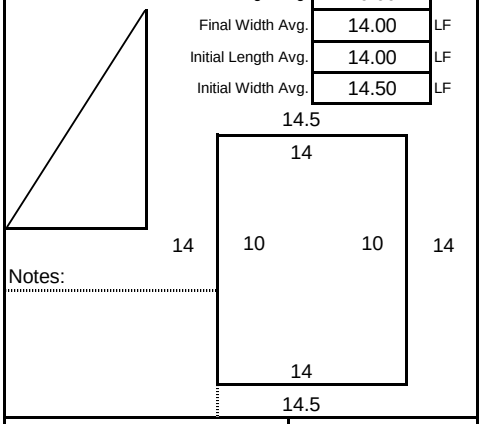
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-168	G15E387450	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-169	G15E387450	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-170	G15E387450	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-171	G15E387450	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-172	G15E387450	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-173	G15E391003	112.00 LF	14.00 LF	113.00 LF	14.50 LF		1,639	1,568	
D-174	G15E391048	111.00 LF	14.00 LF	113.00 LF	14.50 LF		1,639	1,554	
D-175	G15E391058	112.00 LF	14.00 LF	113.00 LF	14.50 LF		1,639	1,568	

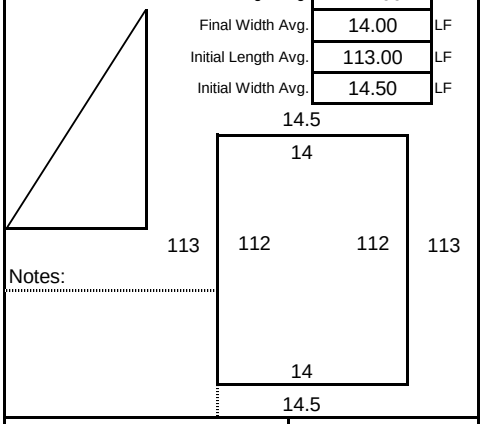


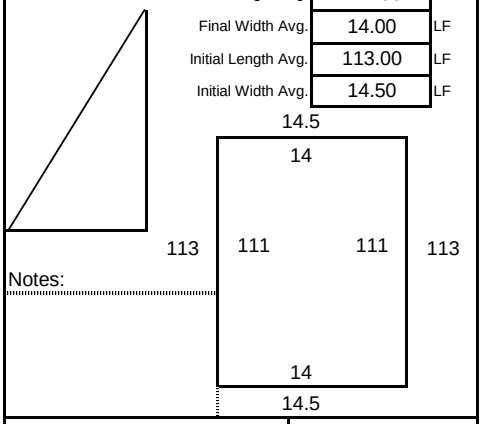


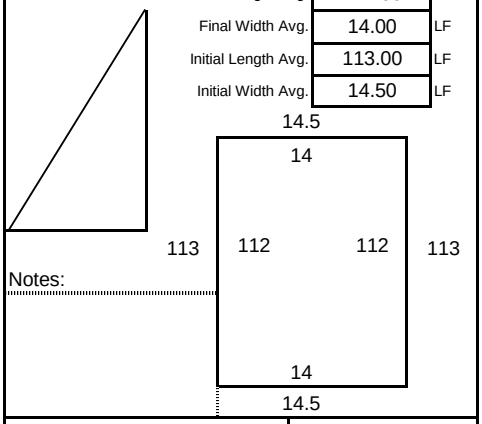












Material in Anchor Trench		
Total LF In Trench This Page	70.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**245**	**SF**
Total Panel SF This Page	**5,390**	**SF**
Total Pay Area This Page	**5,635**	**SF**
LF In Trench Previous	841	LF
LF In Trench To Date	911	LF
SF In Trench Previous	2,944	SF
Total SF in Trench to Date	3,189	SF
Total Panel SF Previous	156,081	SF
Total Panel SF To Date	161,471	SF
Total Pay Area To Date Including Anchor Trench	**164,660**	
Initial Quantity Previous	166,691	SF
Initial Quantity This Page	5,931	SF
Initial Quantity To Date	172,622	SF

Daily Panel Placement **Page** 25

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/26/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-176	Roll # G15E391043		
Final Length Avg.	112.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	113.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 113 | 112 | 112 | 113 | 14 | 14.5

Notes:

Initial SF	1,639	Lineal Feet Trench	
Final SF	1,568		

Panel # D-177	Roll # G15E391065		
Final Length Avg.	112.00	LF	
Final Width Avg.	9.25	LF	
Initial Length Avg.	113.00	LF	
Initial Width Avg.	10.00	LF	

10.5 | 9.5 | 113 | 112 | 112 | 113 | 9 | 9.5

Notes:
OFFSET PANEL

Initial SF	1,130	Lineal Feet Trench	
Final SF	1,036		

Panel # D-178	Roll # G15E391003		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 43 | 41 | 41 | 43 | 14 | 14.5

Notes:

Initial SF	624	Lineal Feet Trench	
Final SF	574		

Panel # D-179	Roll # G15E391048		
Final Length Avg.	44.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	45.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 45 | 44 | 44 | 45 | 14 | 14.5

Notes:

Initial SF	653	Lineal Feet Trench	
Final SF	616		

Panel # D-180	Roll # G15E391058		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 43 | 41 | 41 | 43 | 14 | 14.5

Notes:

Initial SF	624	Lineal Feet Trench	
Final SF	574		

Panel # D-181	Roll # G15E391043		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	42.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 42 | 41 | 41 | 42 | 14 | 14.5

Notes:

Initial SF	609	Lineal Feet Trench	
Final SF	574		

Panel # D-182	Roll # G15E387391		
Final Length Avg.	105.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	106.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 106 | 105 | 105 | 106 | 14 | 14.5

Notes:

Initial SF	1,537	Lineal Feet Trench	
Final SF	1,470		

Panel # D-183	Roll # G15E387391		
Final Length Avg.	49.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	50.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 50 | 49 | 49 | 50 | 14 | 14.5

Notes:

Initial SF	725	Lineal Feet Trench	
Final SF	686		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,098**	**SF**
Total Pay Area This Page	**7,098**	**SF**
LF In Trench Previous	911	LF
LF In Trench To Date	911	LF
SF In Trench Previous	3,189	SF
Total SF in Trench to Date	3,189	SF
Total Panel SF Previous	161,471	SF
Total Panel SF To Date	168,569	SF
Total Pay Area To Date Including Anchor Trench	**171,758**	
Initial Quantity Previous	172,622	SF
Initial Quantity This Page	7,539	SF
Initial Quantity To Date	180,161	SF

Daily Panel Placement

Page 26

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 05/26/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] Primary Secondary [ ] Cell [ ] Pond [ ] Cap [X] Other:

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width** 14.5

Panel # D-184 — Roll # G15E391047

Final Length Avg.	53.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	53.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 53 / 53 / 53 / 53 / 14 / 14.5

Notes:

Initial SF	769	Lineal Feet Trench
Final SF	742	

Panel # D-185 — Roll # G15E391047

Final Length Avg.	100.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	101.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 101 / 100 / 100 / 101 / 14 / 14.5

Notes:

Initial SF	1,465	Lineal Feet Trench
Final SF	1,400	

Panel # D-186 — Roll # G15E386365

Final Length Avg.	99.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	100.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 100 / 99 / 99 / 100 / 14 / 14.5

Notes:

Initial SF	1,450	Lineal Feet Trench
Final SF	1,386	

Panel # D-187 — Roll # G15E387450

Final Length Avg.	5.50	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	6.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 6 / 5.5 / 5.5 / 6 / 14 / 14.5

Notes:

Initial SF	87	Lineal Feet Trench
Final SF	77	

Panel # D-188 — Roll # G15E391054

Final Length Avg.	147.00	LF
Final Width Avg.	7.00	LF
Initial Length Avg.	148.00	LF
Initial Width Avg.	9.00	LF

9 / 7 / 148 / 147 / 147 / 148 / 7 / 9

Notes: OFFSET PANEL

Initial SF	1,332	Lineal Feet Trench
Final SF	1,029	

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,634**	**SF**
Total Pay Area This Page	**4,634**	**SF**
LF In Trench Previous	911	LF
LF In Trench To Date	911	LF
SF In Trench Previous	3,189	SF
Total SF in Trench to Date	3,189	SF
Total Panel SF Previous	168,569	SF
Total Panel SF To Date	173,203	SF
Total Pay Area To Date Including Anchor Trench	**176,392**	
Initial Quantity Previous	180,161	SF
Initial Quantity This Page	5,102	SF
Initial Quantity To Date	185,263	SF

Daily Panel Placement **Page** 27

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-189	G15E391053	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-190	G15E391053	143.00 LF	14.00 LF	145.00 LF	14.50 LF		2,103	2,002	
D-191	G15E391062	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-192	G15E391062	145.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,030	
D-193	G15E391044	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-194	G15E391044	146.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,044	
D-195	G15E391055	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-196	G15E391055	143.00 LF	14.00 LF	146.00 LF	14.50 LF		2,117	2,002	

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,638**	**SF**
Total Pay Area This Page	**8,834**	**SF**
LF In Trench Previous	911	LF
LF In Trench To Date	967	LF
SF In Trench Previous	3,189	SF
Total SF in Trench to Date	3,385	SF
Total Panel SF Previous	173,203	SF
Total Panel SF To Date	181,841	SF
Total Pay Area To Date Including Anchor Trench	**185,226**	
Initial Quantity Previous	185,263	SF
Initial Quantity This Page	9,324	SF
Initial Quantity To Date	194,586	SF

Daily Panel Placement **Page** 28

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-197	G15E387406	115.00 LF	14.00 LF	117.00 LF	14.50 LF	1,697	1,610	
D-198	G15E387406	36.00 LF	14.00 LF	38.00 LF	14.50 LF	551	504	
D-199	G15E391059	75.00 LF	14.00 LF	76.00 LF	14.50 LF	1,102	1,050	
D-200	G15E391059	84.00 LF	14.00 LF	85.00 LF	14.50 LF	1,233	1,176	
D-201	G15E386365	51.00 LF	14.00 LF	52.00 LF	14.50 LF	754	714	
D-202	G15E387408	37.00 LF	14.00 LF	39.00 LF	14.50 LF	566	518	
D-203	G15E387408	63.00 LF	14.00 LF	64.00 LF	14.50 LF	928	882	
D-204	G15E387444	10.00 LF	14.00 LF	15.00 LF	14.50 LF	218	140	14

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**6,594**	**SF**
Total Pay Area This Page	**6,643**	**SF**
LF In Trench Previous	967	LF
LF In Trench To Date	981	LF
SF In Trench Previous	3,385	SF
Total SF in Trench to Date	3,434	SF
Total Panel SF Previous	181,841	SF
Total Panel SF To Date	188,435	SF
Total Pay Area To Date Including Anchor Trench	**191,869**	
Initial Quantity Previous	194,586	SF
Initial Quantity This Page	7,047	SF
Initial Quantity To Date	201,633	SF

Daily Panel Placement **Page** 29

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-205	G15E387444	147.00 LF	14.00 LF	148.00 LF	14.50 LF	2,146	2,058	
D-206	G15E387407	10.00 LF	14.00 LF	15.00 LF	14.50 LF	218	140	14
D-207	G15E387407	144.00 LF	14.00 LF	146.00 LF	14.50 LF	2,117	2,016	
D-208	G15E387415	115.00 LF	14.00 LF	117.00 LF	14.50 LF	1,697	1,610	
D-209	G15E387415	35.00 LF	14.00 LF	36.00 LF	14.50 LF	522	490	
D-210	G15E387405	82.00 LF	14.00 LF	83.00 LF	14.50 LF	1,204	1,148	
D-211	G15E387411	10.00 LF	14.00 LF	16.00 LF	14.50 LF	232	140	14
D-212	G15E387411	140.00 LF	14.00 LF	142.00 LF	14.50 LF	2,059	1,960	

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**9,562**	**SF**
Total Pay Area This Page	**9,660**	**SF**
LF In Trench Previous	981	LF
LF In Trench To Date	1,009	LF
SF In Trench Previous	3,434	SF
Total SF in Trench to Date	3,532	SF
Total Panel SF Previous	188,435	SF
Total Panel SF To Date	197,997	SF
Total Pay Area To Date Including Anchor Trench	**201,529**	
Initial Quantity Previous	201,633	SF
Initial Quantity This Page	10,194	SF
Initial Quantity To Date	211,827	SF

Daily Panel Placement **Page** 30

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GDL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-213	G15E391018	10.00 LF	14.00 LF	14.50 LF	14.50 LF	210	140	14
D-214	G15E391018	145.00 LF	14.00 LF	146.00 LF	14.50 LF	2,117	2,030	
D-215	G15E391015	10.00 LF	14.00 LF	15.00 LF	14.50 LF	218	140	14
D-216	G15E391015	146.00 LF	14.00 LF	147.00 LF	14.50 LF	2,132	2,044	
D-217	G15E387442	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-218	G15E387442	142.00 LF	14.00 LF	144.00 LF	14.50 LF	2,088	1,988	
D-219	G15E387401	118.00 LF	14.00 LF	119.00 LF	14.50 LF	1,726	1,652	
D-220	G15E391016	117.00 LF	14.00 LF	118.00 LF	14.50 LF	1,711	1,638	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**9,772**	**SF**
Total Pay Area This Page	**9,919**	**SF**
LF In Trench Previous	1,009	LF
LF In Trench To Date	1,051	LF
SF In Trench Previous	3,532	SF
Total SF in Trench to Date	3,679	SF
Total Panel SF Previous	197,997	SF
Total Panel SF To Date	207,769	SF
Total Pay Area To Date Including Anchor Trench	**211,448**	
Initial Quantity Previous	211,827	SF
Initial Quantity This Page	10,404	SF
Initial Quantity To Date	222,231	SF

Daily Panel Placement **Page** 31

Project Name: Savannah Rive Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/02/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width** 14.5

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-221	G15E387432	116.00 LF	14.00 LF	117.00 LF	14.50 LF	1,697	1,624	
D-222	G15E387434	116.00 LF	14.00 LF	118.00 LF	14.50 LF	1,711	1,624	
D-223	G15E387404	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-224	G15E387404	144.00 LF	14.00 LF	146.00 LF	14.50 LF	2,117	2,016	
D-225	G15E387430	116.00 LF	14.00 LF	117.00 LF	14.50 LF	1,697	1,624	
						-	-	
						-	-	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**7,028**	**SF**
Total Pay Area This Page	**7,077**	**SF**
LF In Trench Previous	1,051	LF
LF In Trench To Date	1,065	LF
SF In Trench Previous	3,679	SF
Total SF in Trench to Date	3,728	SF
Total Panel SF Previous	207,769	SF
Total Panel SF To Date	214,797	SF
Total Pay Area To Date Including Anchor Trench	**218,525**	
Initial Quantity Previous	222,231	SF
Initial Quantity This Page	7,424	SF
Initial Quantity To Date	229,655	SF

Daily Panel Placement **Page** 32

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-226	Roll # G15E387440		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Panel # D-227	Roll # G15E387440		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,161	Lineal Feet Trench	
Final SF	2,072		

14.5 / 14 / 14 / 14 / 148 / 148 / 149 / 14 / 14.5

Notes:

Panel # D-228	Roll # G15E391073		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 14 / 10 / 10 / 15 / 15 / 14.5

Notes:

Panel # D-229	Roll # G15E391073		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

14.5 / 14 / 14 / 14 / 147 / 147 / 148 / 148 / 14.5

Notes:

Panel # D-230	Roll # G15E387433		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	125.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,813	Lineal Feet Trench	
Final SF	1,722		

14.5 / 14 / 14 / 14 / 123 / 123 / 125 / 125 / 14.5

Notes:

Panel # D-231	Roll # G15E387433		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	479	Lineal Feet Trench	
Final SF	434		

14.5 / 14 / 14 / 14 / 31 / 31 / 33 / 33 / 14.5

Notes:

Panel # D-232	Roll # G15E387403		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,334	Lineal Feet Trench	
Final SF	1,260		

14.5 / 14 / 14 / 14 / 90 / 90 / 92 / 92 / 14.5

Notes:

Panel # D-233	Roll # G15E384226		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**7,966**	**SF**
Total Pay Area This Page	**8,113**	**SF**
LF In Trench Previous	1,065	LF
LF In Trench To Date	1,107	LF
SF In Trench Previous	3,728	SF
Total SF in Trench to Date	3,875	SF
Total Panel SF Previous	214,797	SF
Total Panel SF To Date	222,763	SF
Total Pay Area To Date Including Anchor Trench	**226,638**	
Initial Quantity Previous	229,655	SF
Initial Quantity This Page	8,555	SF
Initial Quantity To Date	238,210	SF

Daily Panel Placement **Page** 33

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-234	Roll # G15E384226		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	149.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,161	Lineal Feet Trench	
Final SF	2,072		

14.5 / 14 / 149 148 148 149 / 14 / 14.5

Notes:

Panel # D-235	Roll # G15E392116		
Final Length Avg.	10.00	LF	
password	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 10 10 14 / 14 / 14.5

Notes:

Panel # D-236	Roll # G15E392116		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,175	Lineal Feet Trench	
Final SF	2,072		

14.5 / 14 / 150 148 148 150 / 14 / 14.5

Notes:

Panel # D-237	Roll # G15E387431		
Final Length Avg.	126.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	127.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,842	Lineal Feet Trench	
Final SF	1,764		

14.5 / 14 / 127 126 126 127 / 14 / 14.5

Notes:

Panel # D-238	Roll # G15E387431		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	464	Lineal Feet Trench	
Final SF	434		

14.5 / 14 / 32 31 31 32 / 14 / 14.5

Notes:

Panel # D-239	Roll # G15E387403		
Final Length Avg.	64.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	943	Lineal Feet Trench	
Final SF	896		

14.5 / 14 / 65 64 64 65 / 14 / 14.5

Notes:

Panel # D-240	Roll # G15E387430		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	36.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	522	Lineal Feet Trench	
Final SF	476		

14.5 / 14 / 36 34 34 36 / 14 / 14.5

Notes:

Panel # D-241	Roll # G15E387422		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14.5 10 10 14.5 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**7,994**	**SF**
Total Pay Area This Page	**8,092**	**SF**
LF In Trench Previous	1,107	LF
LF In Trench To Date	1,135	LF
SF In Trench Previous	3,875	SF
Total SF in Trench to Date	3,973	SF
Total Panel SF Previous	222,763	SF
Total Panel SF To Date	230,757	SF
Total Pay Area To Date Including Anchor Trench	**234,730**	
Initial Quantity Previous	238,210	SF
Initial Quantity This Page	8,519	SF
Initial Quantity To Date	246,729	SF

Daily Panel Placement **Page** 34

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-242	G15E387422	148.00 LF	14.00 LF	149.00 LF	14.50 LF	2,161	2,072	
D-243	G15E392090	123.00 LF	14.00 LF	125.00 LF	14.50 LF	1,813	1,722	
D-244	G15E387423	10.00 LF	14.00 LF	15.00 LF	14.50 LF	218	140	14
D-245	G15E387423	147.00 LF	14.00 LF	148.00 LF	14.50 LF	2,146	2,058	
D-246	G15E392123	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-247	G15E392123	147.00 LF	14.00 LF	148.00 LF	14.50 LF	2,146	2,058	
D-248	G15E392033	123.00 LF	14.00 LF	125.00 LF	14.50 LF	1,813	1,722	
D-249	G15E387421	124.00 LF	14.00 LF	125.00 LF	14.50 LF	1,813	1,736	

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**11,648**	**SF**
Total Pay Area This Page	**11,746**	**SF**
LF In Trench Previous	1,135	LF
LF In Trench To Date	1,163	LF
SF In Trench Previous	3,973	SF
Total SF in Trench to Date	4,071	SF
Total Panel SF Previous	230,757	SF
Total Panel SF To Date	242,405	SF
Total Pay Area To Date Including Anchor Trench	**246,476**	
Initial Quantity Previous	246,729	SF
Initial Quantity This Page	12,311	SF
Initial Quantity To Date	259,039	SF

Daily Panel Placement **Page** 35

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/03/16

Superintendent: Ali Malimar **Material Type:** GDL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-250	Roll # G15E392086		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 10 10 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-251	Roll # G15E392086		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 150 148 148 150 / 14 / 14.5

Notes:

Initial SF	2,175	Lineal Feet Trench
Final SF	2,072	

Panel # D-252	Roll # G15E392085		
Final Length Avg.	122.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 123 122 122 123 / 14 / 14.5

Notes:

Initial SF	1,784	Lineal Feet Trench
Final SF	1,708	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**3,920**	**SF**
Total Pay Area This Page	**3,969**	**SF**
LF In Trench Previous	1,163	LF
LF In Trench To Date	1,177	LF
SF In Trench Previous	4,071	SF
Total SF in Trench to Date	4,120	SF
Total Panel SF Previous	242,405	SF
Total Panel SF To Date	246,325	SF
Total Pay Area To Date Including Anchor Trench	**250,445**	
Initial Quantity Previous	259,039	SF
Initial Quantity This Page	4,162	SF
Initial Quantity To Date	263,201	SF

Daily Panel Placement **Page** 36

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-253	Roll # G15E392121		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-254	Roll # G15E392121		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 146 / 145 / 145 / 146 / 14 / 14.5

Notes:

Initial SF	2,117	Lineal Feet Trench
Final SF	2,030	

Panel # D-255	Roll # G15E393169		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench
Final SF	140	14

Panel # D-256	Roll # G15E393169		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Initial SF	2,132	Lineal Feet Trench
Final SF	2,044	

Panel # D-257	Roll # G15E393199		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench
Final SF	140	14

Panel # D-258	Roll # G15E393199		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,044	

Panel # D-259	Roll # G15E393208		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench
Final SF	140	14

Panel # D-260	Roll # G15E393208		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Initial SF	2,132	Lineal Feet Trench
Final SF	2,044	

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,722**	**SF**
Total Pay Area This Page	**8,918**	**SF**
LF In Trench Previous	1,177	LF
LF In Trench To Date	1,233	LF
SF In Trench Previous	4,120	SF
Total SF in Trench to Date	4,316	SF
Total Panel SF Previous	246,325	SF
Total Panel SF To Date	255,047	SF
Total Pay Area To Date Including Anchor Trench	**259,363**	
Initial Quantity Previous	263,201	SF
Initial Quantity This Page	9,382	SF
Initial Quantity To Date	272,582	SF

Daily Panel Placement **Page** 37

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-261	Roll # G15E387400		
Final Length Avg.	125.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	126.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 126 / 125 / 125 / 126 / 14 / 14.5

Notes:

Initial SF	1,827	Lineal Feet Trench
Final SF	1,750	

Panel # D-262	Roll # G15E392126		
Final Length Avg.	126.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	128.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 128 / 126 / 126 / 128 / 14 / 14.5

Notes:

Initial SF	1,856	Lineal Feet Trench
Final SF	1,764	

Panel # D-263	Roll # G15E392120		
Final Length Avg.	126.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	127.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 127 / 126 / 126 / 127 / 14 / 14.5

Notes:

Initial SF	1,842	Lineal Feet Trench
Final SF	1,764	

Panel # D-264	Roll # G15E387382		
Final Length Avg.	127.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	128.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 128 / 127 / 127 / 128 / 14 / 14.5

Notes:

Initial SF	1,856	Lineal Feet Trench
Final SF	1,778	

Panel # D-265	Roll # G15E387393		
Final Length Avg.	127.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	128.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 128 / 127 / 127 / 128 / 14 / 14.5

Notes:

Initial SF	1,856	Lineal Feet Trench
Final SF	1,778	

Panel # D-266	Roll # G15E393197		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench
Final SF	140	14

Panel # D-267	Roll # G15E393197		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,044	

Panel # D-268	Roll # G15E393206		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 124 / 123 / 123 / 124 / 14 / 14.5

Notes:

Initial SF	1,798	Lineal Feet Trench
Final SF	1,722	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**12,740**	**SF**
Total Pay Area This Page	**12,789**	**SF**
LF In Trench Previous	1,233	LF
LF In Trench To Date	1,247	LF
SF In Trench Previous	4,316	SF
Total SF in Trench to Date	4,365	SF
Total Panel SF Previous	255,047	SF
Total Panel SF To Date	267,787	SF
Total Pay Area To Date Including Anchor Trench	**272,152**	
Initial Quantity Previous	272,582	SF
Initial Quantity This Page	13,398	SF
Initial Quantity To Date	285,980	SF

Daily Panel Placement **Page** 38

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-269	Roll # G15E387386		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 14.5 / 10 / 10 / 14.5 / 14 / 14.5			
Notes:			
Initial SF	210	Lineal Feet Trench	
Final SF	140	14	

Panel # D-270	Roll # G15E387386		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 146 / 145 / 145 / 146 / 14 / 14.5			
Notes:			
Initial SF	2,117	Lineal Feet Trench	
Final SF	2,030		

Panel # D-271	Roll # G15E393204		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5			
Notes:			
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Panel # D-272	Roll # G15E387392		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5			
Notes:			
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

Panel # D-273	Roll # G15E387389		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5			
Notes:			
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Panel # D-274	Roll # G15E387389		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 146 / 144 / 144 / 146 / 14 / 14.5			
Notes:			
Initial SF	2,117	Lineal Feet Trench	
Final SF	2,016		

Panel # D-275	Roll # G15E387392		
Final Length Avg.	121.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	122.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 122 / 121 / 121 / 122 / 14 / 14.5			
Notes:			
Initial SF	1,769	Lineal Feet Trench	
Final SF	1,694		

Panel # D-276	Roll # G15E387397		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5			
Notes:			
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,344**	**SF**
Total Pay Area This Page	**8,540**	**SF**
LF In Trench Previous	1,247	LF
LF In Trench To Date	1,303	LF
SF In Trench Previous	4,365	SF
Total SF in Trench to Date	4,561	SF
Total Panel SF Previous	267,787	SF
Total Panel SF To Date	276,131	SF
Total Pay Area To Date Including Anchor Trench	**280,692**	
Initial Quantity Previous	285,980	SF
Initial Quantity This Page	9,012	SF
Initial Quantity To Date	294,992	SF

Daily Panel Placement **Page** 39

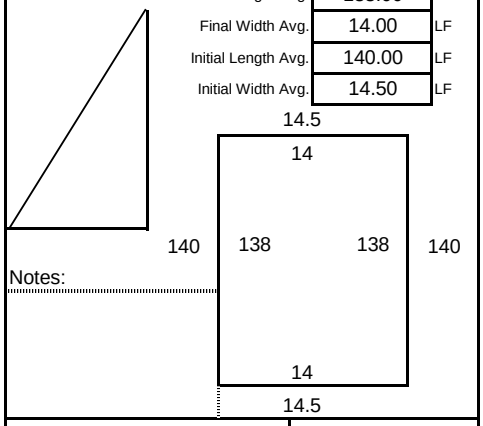
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/04/16

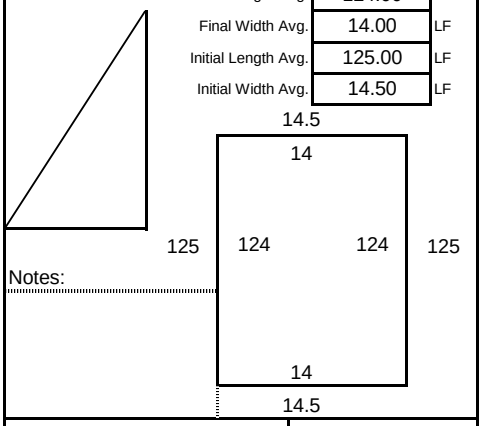
Superintendent: Ali Malimar **Material Type:** GDL

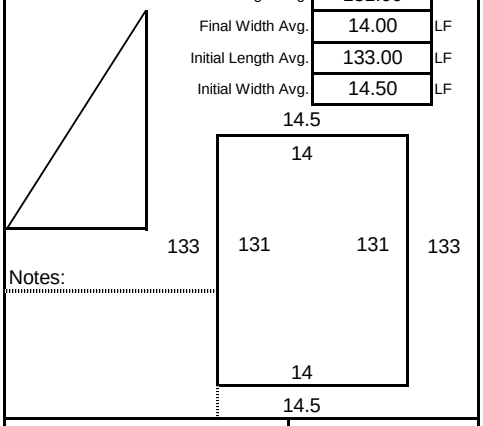
☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-277	G15E387397	138.00 LF	14.00 LF	140.00 LF	14.50 LF	2,030	1,932	
D-278	G15E393217	124.00 LF	14.00 LF	125.00 LF	14.50 LF	1,813	1,736	
D-279	G15E387388	131.00 LF	14.00 LF	133.00 LF	14.50 LF	1,929	1,834	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	







Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,502**	**SF**
Total Pay Area This Page	**5,502**	**SF**
LF In Trench Previous	1,303	LF
LF In Trench To Date	1,303	LF
SF In Trench Previous	4,561	SF
Total SF in Trench to Date	4,561	SF
Total Panel SF Previous	276,131	SF
Total Panel SF To Date	281,633	SF
Total Pay Area To Date Including Anchor Trench	**286,194**	
Initial Quantity Previous	294,992	SF
Initial Quantity This Page	5,771	SF
Initial Quantity To Date	300,763	SF

Daily Panel Placement **Page** 40

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-280	Roll # G15E387375		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-281	Roll # G15E387375		
Final Length Avg.	136.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,117	Lineal Feet Trench	
Final SF	1,904		

14.5 / 14 / 146 / 136 / 136 / 146 / 14 / 14.5

Notes:

Panel # D-282	Roll # G15E387374		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-283	Roll # G15E387374		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,175	Lineal Feet Trench	
Final SF	2,086		

14.5 / 14 / 150 / 149 / 149 / 150 / 14 / 14.5

Notes:

Panel # D-284	Roll # G15E387379		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-285	Roll # G15E387379		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,175	Lineal Feet Trench	
Final SF	2,086		

14.5 / 14 / 150 / 149 / 149 / 150 / 14 / 14.5

Notes:

Panel # D-286	Roll # G15E386358		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	210	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14.5 / 10 / 10 / 14.5 / 14 / 14.5

Notes:

Panel # D-287	Roll # G15E386358		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,175	Lineal Feet Trench	
Final SF	2,072		

14.5 / 14 / 150 / 148 / 148 / 150 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,708**	**SF**
Total Pay Area This Page	**8,904**	**SF**
LF In Trench Previous	1,303	LF
LF In Trench To Date	1,359	LF
SF In Trench Previous	4,561	SF
Total SF in Trench to Date	4,757	SF
Total Panel SF Previous	281,633	SF
Total Panel SF To Date	290,341	SF
Total Pay Area To Date Including Anchor Trench	**295,098**	
Initial Quantity Previous	300,763	SF
Initial Quantity This Page	9,505	SF
Initial Quantity To Date	310,268	SF

Daily Panel Placement **Page** 41

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-288	Roll # G15E386370		
Final Length Avg.	10.00	LF	
Final Width Avg.	7.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	8.00	LF	
Initial SF	120	Lineal Feet Trench	
Final SF	70	7	

8 / 7 / 15 / 10 / 10 / 15 / 7 / 8

Notes: OFFSET PANEL

Panel # D-289	Roll # G15E386370		
Final Length Avg.	151.00	LF	
Final Width Avg.	7.00	LF	
Initial Length Avg.	152.00	LF	
Initial Width Avg.	8.00	LF	
Initial SF	1,216	Lineal Feet Trench	
Final SF	1,057		

8 / 7 / 152 / 151 / 151 / 152 / 7 / 8

Notes: OFFSET PANEL

Panel # D-290	Roll # G15E387372		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-291	Roll # G15E387372		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,190	Lineal Feet Trench	
Final SF	2,086		

14.5 / 14 / 151 / 149 / 149 / 151 / 14 / 14.5

Notes:

Panel # D-292	Roll # G15E387371		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,291	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Panel # D-293	Roll # G15E392128		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,212		

14.5 / 14 / 159 / 158 / 158 / 159 / 14 / 14.5

Notes:

Panel # D-294	Roll # G15E386369		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	156.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,269	Lineal Feet Trench	
Final SF	2,184		

14.5 / 14 / 157 / 156 / 156 / 156 / 14 / 14.5

Notes:

Panel # D-295	Roll # G15E386356		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

14.5 / 14 / 148 / 147 / 147 / 148 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	21.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**74**	**SF**
Total Panel SF This Page	**12,005**	**SF**
Total Pay Area This Page	**12,079**	**SF**
LF In Trench Previous	1,359	LF
LF In Trench To Date	1,380	LF
SF In Trench Previous	4,757	SF
Total SF in Trench to Date	4,831	SF
Total Panel SF Previous	290,341	SF
Total Panel SF To Date	302,346	SF
Total Pay Area To Date Including Anchor Trench	**307,177**	
Initial Quantity Previous	310,268	SF
Initial Quantity This Page	12,755	SF
Initial Quantity To Date	323,023	SF

Daily Panel Placement **Page** 42

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-296	Roll # G15E386367		
Final Length Avg.	155.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	156.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 156 / 155 / 155 / 156 / 14 / 14.5

Notes:

Initial SF	2,262	Lineal Feet Trench	
Final SF	2,170		

Panel # D-297	Roll # G15E386362		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench	
Final SF	2,198		

Panel # D-298	Roll # G15E392112		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Panel # D-299	Roll # G15E392112		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 150 / 149 / 149 / 150 / 14 / 14.5

Notes:

Initial SF	2,175	Lineal Feet Trench	
Final SF	2,086		

Panel # D-300	Roll # G15E386359		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Panel # D-301	Roll # G15E386359		
Final Length Avg.	148.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 150 / 148 / 148 / 150 / 14 / 14.5

Notes:

Initial SF	2,175	Lineal Feet Trench	
Final SF	2,072		

Panel # D-302	Roll # G15E393171		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

Panel # D-303	Roll # G15E393171		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 151 / 149 / 149 / 151 / 14 / 14.5

Notes:

Initial SF	2,190	Lineal Feet Trench	
Final SF	2,086		

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**11,032**	**SF**
Total Pay Area This Page	**11,179**	**SF**
LF In Trench Previous	1,380	LF
LF In Trench To Date	1,422	LF
SF In Trench Previous	4,831	SF
Total SF in Trench to Date	4,978	SF
Total Panel SF Previous	302,346	SF
Total Panel SF To Date	313,378	SF
Total Pay Area To Date Including Anchor Trench	**318,356**	
Initial Quantity Previous	323,023	SF
Initial Quantity This Page	11,745	SF
Initial Quantity To Date	334,768	SF

Daily Panel Placement **Page** 43

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-304	Roll # G15E386363		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-305	Roll # G15E386363		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	151.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,190	Lineal Feet Trench	
Final SF	2,086		

14.5 / 14 / 151 / 149 / 149 / 151 / 14 / 14.5

Notes:

Panel # D-306	Roll # G15E386368		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	225	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15.5 / 10 / 10 / 15.5 / 14 / 14.5

Notes:

Panel # D-307	Roll # G15E386368		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,175	Lineal Feet Trench	
Final SF	2,086		

14.5 / 14 / 150 / 149 / 149 / 150 / 14 / 14.5

Notes:

Panel # D-308	Roll # G15E392159		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,291	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Panel # D-309	Roll # G15E386364		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,291	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Panel # D-310	Roll # G15E392162		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	156.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,269	Lineal Feet Trench	
Final SF	2,184		

14.5 / 14 / 157 / 156 / 156 / 156 / 14 / 14.5

Notes:

Panel # D-311	Roll # G15E392163		
Final Length Avg.	154.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	154.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,240	Lineal Feet Trench	
Final SF	2,156		

14.5 / 14 / 154 / 154 / 154 / 155 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**13,188**	**SF**
Total Pay Area This Page	**13,286**	**SF**
LF In Trench Previous	1,422	LF
LF In Trench To Date	1,450	LF
SF In Trench Previous	4,978	SF
Total SF in Trench to Date	5,076	SF
Total Panel SF Previous	313,378	SF
Total Panel SF To Date	326,566	SF
Total Pay Area To Date Including Anchor Trench	**331,642**	
Initial Quantity Previous	334,768	SF
Initial Quantity This Page	13,898	SF
Initial Quantity To Date	348,666	SF

Daily Panel Placement **Page** 44

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/10/16

Superintendent: Ali Malimar **Material Type:** GDL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-312	G15E392160	154.00 LF	14.00 LF	155.00 LF	14.50 LF	2,248	2,156	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: 14.5 / 14 / 155 154 154 155 / 14 / 14.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,156**	SF
Total Pay Area This Page	**2,156**	SF
LF In Trench Previous	1,450	LF
LF In Trench To Date	1,450	LF
SF In Trench Previous	5,076	SF
Total SF in Trench to Date	5,076	SF
Total Panel SF Previous	326,566	SF
Total Panel SF To Date	328,722	SF
Total Pay Area To Date Including Anchor Trench	**333,798**	
Initial Quantity Previous	348,666	SF
Initial Quantity This Page	2,248	SF
Initial Quantity To Date	350,913	SF

Daily Panel Placement **Page** 45

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-313	Roll # G15E392153		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-314	Roll # G14E392153		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,058		

14.5 / 14 / 148 / 147 / 147 / 148 / 14 / 14.5

Notes:

Panel # D-315	Roll # G15E393167		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-316	Roll # G15E393167		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Panel # D-317	Roll # G15E392165		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	232	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 16 / 10 / 10 / 16 / 14 / 14.5

Notes:

Panel # D-318	Roll # G15E392165		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,103	Lineal Feet Trench	
Final SF	2,016		

14.5 / 14 / 145 / 144 / 144 / 145 / 14 / 14.5

Notes:

Panel # D-319	Roll # G15E386360		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	218	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 15 / 10 / 10 / 15 / 14 / 14.5

Notes:

Panel # D-320	Roll # G15E386360		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**196**	**SF**
Total Panel SF This Page	**8,722**	**SF**
Total Pay Area This Page	**8,918**	**SF**
LF In Trench Previous	1,450	LF
LF In Trench To Date	1,506	LF
SF In Trench Previous	5,076	SF
Total SF in Trench to Date	5,272	SF
Total Panel SF Previous	328,722	SF
Total Panel SF To Date	337,444	SF
Total Pay Area To Date Including Anchor Trench	**342,716**	
Initial Quantity Previous	350,913	SF
Initial Quantity This Page	9,425	SF
Initial Quantity To Date	360,338	SF

Daily Panel Placement **Page** 46

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-321	Roll # G15E392166		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14.5 / 10 / 10 / 14.5 / 14 / 14.5

Notes:

Initial SF	210	Lineal Feet Trench
Final SF	140	14

Panel # D-322	Roll # G15E392166		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Initial SF	2,132	Lineal Feet Trench
Final SF	2,044	

Panel # D-323	Roll # G15E392164		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14.5 / 10 / 10 / 14.5 / 14 / 14.5

Notes:

Initial SF	210	Lineal Feet Trench
Final SF	140	14

Panel # D-324	Roll # G15E392164		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,044	

Panel # D-325	Roll # G15E386370		
Final Length Avg.	10.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 15 / 10 / 10 / 15 / 6 / 7

Notes:
OFFSET PANEL

Initial SF	105	Lineal Feet Trench
Final SF	60	6

Panel # D-326	Roll # G15E386370		
Final Length Avg.	135.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	139.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 139 / 135 / 135 / 139 / 6 / 7

Notes:
OFFSET PANEL

Initial SF	973	Lineal Feet Trench
Final SF	810	

Panel # D-327	Roll # G15E392158		
Final Length Avg.	154.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	155.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 155 / 154 / 154 / 155 / 14 / 14.5

Notes:

Initial SF	2,248	Lineal Feet Trench
Final SF	2,156	

Panel # D-328	Roll # G15E387385		
Final Length Avg.	127.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	128.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 128 / 127 / 127 / 128 / 14 / 14.5

Notes:

Initial SF	1,856	Lineal Feet Trench
Final SF	1,778	

Material in Anchor Trench		
Total LF In Trench This Page	34.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**119**	**SF**
Total Panel SF This Page	**9,172**	**SF**
Total Pay Area This Page	**9,291**	**SF**
LF In Trench Previous	1,506	LF
LF In Trench To Date	1,540	LF
SF In Trench Previous	5,272	SF
Total SF in Trench to Date	5,391	SF
Total Panel SF Previous	337,444	SF
Total Panel SF To Date	346,616	SF
Total Pay Area To Date Including Anchor Trench	**352,007**	
Initial Quantity Previous	360,338	SF
Initial Quantity This Page	9,880	SF
Initial Quantity To Date	370,218	SF

Daily Panel Placement **Page** 47

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench	Notes
D-329	G15E392157	130.00 LF	14.00 LF	132.00 LF	14.50 LF	1,914	1,820		
D-330	G15E392161	126.00 LF	14.00 LF	128.00 LF	14.50 LF	1,856	1,764		
D-331	G15E387383	127.00 LF	14.00 LF	128.00 LF	14.50 LF	1,856	1,778		
D-332	G15E393170	127.00 LF	14.00 LF	128.00 LF	14.50 LF	1,856	1,778		
D-333	G15E387384	136.00 LF	6.50 LF	136.00 LF	8.00 LF	1,088	884		OFFSET PANEL
D-334	G15E387387	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14	
D-335	G15E387387	147.00 LF	14.00 LF	148.00 LF	14.50 LF	2,146	2,058		
D-336	G15E387399	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14	

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**10,362**	**SF**
Total Pay Area This Page	**10,460**	**SF**
LF In Trench Previous	1,540	LF
LF In Trench To Date	1,568	LF
SF In Trench Previous	5,391	SF
Total SF in Trench to Date	5,489	SF
Total Panel SF Previous	346,616	SF
Total Panel SF To Date	356,978	SF
Total Pay Area To Date Including Anchor Trench	**362,467**	
Initial Quantity Previous	370,218	SF
Initial Quantity This Page	11,122	SF
Initial Quantity To Date	381,340	SF

Daily Panel Placement **Page** 48

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-337	G15E387399	146.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,044	
D-338	G15E392144	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-339	G15E392144	146.00 LF	14.00 LF	149.00 LF	14.50 LF		2,161	2,044	
D-340	G15E386339	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-341	G15E386339	147.00 LF	14.00 LF	149.00 LF	14.50 LF		2,161	2,058	
D-342	G15E392094	10.00 LF	14.00 LF	14.00 LF	14.50 LF		203	140	14
D-343	G15E392094	147.00 LF	14.00 LF	149.00 LF	14.50 LF		2,161	2,058	
D-344	G15E386351	125.00 LF	14.00 LF	125.00 LF	14.50 LF		1,813	1,750	

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**10,374**	**SF**
Total Pay Area This Page	**10,521**	**SF**
LF In Trench Previous	1,568	LF
LF In Trench To Date	1,610	LF
SF In Trench Previous	5,489	SF
Total SF in Trench to Date	5,636	SF
Total Panel SF Previous	356,978	SF
Total Panel SF To Date	367,352	SF
Total Pay Area To Date Including Anchor Trench	**372,988**	
Initial Quantity Previous	381,340	SF
Initial Quantity This Page	11,049	SF
Initial Quantity To Date	392,389	SF

Daily Panel Placement

Page 49

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] Primary Secondary [ ] Cell [ ] Pond [ ] Cap [X] Other:

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-345 — Roll # G15E392095

Final Length Avg.	128.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	129.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 129 128 128 129 / 14 / 14.5

Notes:

Initial SF	1,871	Lineal Feet Trench	
Final SF	1,792		

Panel # D-346 — Roll # G15E392101

Final Length Avg.	125.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	126.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 126 125 125 126 / 14 / 14.5

Notes:

Initial SF	1,827	Lineal Feet Trench	
Final SF	1,750		

Panel # D-347 — Roll # G15E393211

Final Length Avg.	123.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	124.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 124 123 123 124 / 14 / 14.5

Notes:

Initial SF	1,798	Lineal Feet Trench	
Final SF	1,722		

Panel # D-348 — Roll # G15E392117

Final Length Avg.	125.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	126.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 126 125 125 126 / 14 / 14.5

Notes:

Initial SF	1,827	Lineal Feet Trench	
Final SF	1,750		

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Panel # — Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench	
Final SF	-		

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,014**	**SF**
Total Pay Area This Page	**7,014**	**SF**
LF In Trench Previous	1,610	LF
LF In Trench To Date	1,610	LF
SF In Trench Previous	5,636	SF
Total SF in Trench to Date	5,636	SF
Total Panel SF Previous	367,352	SF
Total Panel SF To Date	374,366	SF
Total Pay Area To Date Including Anchor Trench	**380,002**	
Initial Quantity Previous	392,389	SF
Initial Quantity This Page	7,323	SF
Initial Quantity To Date	399,711	SF

Daily Panel Placement **Page** 50

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-349	Roll # G15E392119		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Panel # D-350	Roll # G15E392119		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,103	Lineal Feet Trench	
Final SF	2,002		

14.5 / 14 / 14 / 145 / 143 / 143 / 145 / 14 / 14.5

Notes:

Panel # D-351	Roll # G15E392127		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Panel # D-352	Roll # G15E392127		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Panel # D-353	Roll # G15E392092		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	13.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	196	Lineal Feet Trench	
Final SF	140	14	

14.5 / 14 / 14 / 13.5 / 10 / 10 / 13.5 / 14 / 14.5

Notes:

Panel # D-354	Roll # G15E392092		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Panel # D-355	Roll # G15E386355		
Final Length Avg.	128.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	129.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,871	Lineal Feet Trench	
Final SF	1,792		

14.5 / 14 / 14 / 129 / 128 / 128 / 129 / 14 / 14.5

Notes:

Panel # D-356	Roll # G15E386357		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,798	Lineal Feet Trench	
Final SF	1,722		

14.5 / 14 / 14 / 124 / 123 / 123 / 124 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**10,024**	**SF**
Total Pay Area This Page	**10,171**	**SF**
LF In Trench Previous	1,610	LF
LF In Trench To Date	1,652	LF
SF In Trench Previous	5,636	SF
Total SF in Trench to Date	5,783	SF
Total Panel SF Previous	374,366	SF
Total Panel SF To Date	384,390	SF
Total Pay Area To Date Including Anchor Trench	**390,173**	
Initial Quantity Previous	399,711	SF
Initial Quantity This Page	10,636	SF
Initial Quantity To Date	410,347	SF

Daily Panel Placement **Page** 51

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-357 Roll # G15E386361

Final Length Avg.	123.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	124.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 123 | 123 | 124 | 14 | 14.5

Notes:

Initial SF	1,798
Final SF	1,722

Lineal Feet Trench

Panel # D-358 Roll # G15E392107

Final Length Avg.	10.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	14.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 10 | 10 | 14 | 14 | 14.5

Notes:

Initial SF	203
Final SF	140

Lineal Feet Trench 14

Panel # D-359 Roll # G15E392107

Final Length Avg.	145.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	146.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 145 | 145 | 146 | 14 | 14.5

Notes:

Initial SF	2,117
Final SF	2,030

Lineal Feet Trench

Panel # D-360 Roll # G15E392110

Final Length Avg.	10.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	14.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 10 | 10 | 14 | 14 | 14.5

Notes:

Initial SF	203
Final SF	140

Lineal Feet Trench 14

Panel # D-361 Roll # G15E392110

Final Length Avg.	144.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	146.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 144 | 144 | 146 | 14 | 14.5

Notes:

Initial SF	2,117
Final SF	2,016

Lineal Feet Trench

Panel # D-362 Roll # G15E387373

Final Length Avg.	10.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	13.50	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 10 | 10 | 13.5 | 14 | 14.5

Notes:

Initial SF	196
Final SF	140

Lineal Feet Trench 14

Panel # D-363 Roll # G15E387373

Final Length Avg.	146.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	147.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 146 | 146 | 147 | 14 | 14.5

Notes:

Initial SF	2,132
Final SF	2,044

Lineal Feet Trench

Panel # D-364 Roll # G15E387376

Final Length Avg.	123.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	124.00	LF
Initial Width Avg.	14.50	LF

14.5 | 14 | 123 | 123 | 124 | 14 | 14.5

Notes:

Initial SF	1,798
Final SF	1,722

Lineal Feet Trench

Material in Anchor Trench

Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**9,954**	**SF**
Total Pay Area This Page	**10,101**	**SF**
LF In Trench Previous	1,652	LF
LF In Trench To Date	1,694	LF
SF In Trench Previous	5,783	SF
Total SF in Trench to Date	5,930	SF
Total Panel SF Previous	384,390	SF
Total Panel SF To Date	394,344	SF
Total Pay Area To Date Including Anchor Trench	**400,274**	
Initial Quantity Previous	410,347	SF
Initial Quantity This Page	10,563	SF
Initial Quantity To Date	420,910	SF

Daily Panel Placement **Page** 52

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-365	Roll # G15E392113		
Final Length Avg.	124.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	125.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 125 / 124 / 124 / 125 / 14 / 14.5

Notes:

Initial SF	1,813	Lineal Feet Trench
Final SF	1,736	

Panel # D-366	Roll # G15E392109		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	125.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 125 / 123 / 123 / 125 / 14 / 14.5

Notes:

Initial SF	1,813	Lineal Feet Trench
Final SF	1,722	

Panel # D-367	Roll # G15E386334		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-368	Roll # G15E386334		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,044	

Panel # D-369	Roll # G15E386348		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-370	Roll # G15E386348		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 147 / 146 / 146 / 147 / 14 / 14.5

Notes:

Initial SF	2,132	Lineal Feet Trench
Final SF	2,044	

Panel # D-371	Roll # G15E386350		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-372	Roll # G15E386350		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 146 / 145 / 145 / 146 / 14 / 14.5

Notes:

Initial SF	2,117	Lineal Feet Trench
Final SF	2,030	

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**9,996**	**SF**
Total Pay Area This Page	**10,143**	**SF**
LF In Trench Previous	1,694	LF
LF In Trench To Date	1,736	LF
SF In Trench Previous	5,930	SF
Total SF in Trench to Date	6,077	SF
Total Panel SF Previous	394,344	SF
Total Panel SF To Date	404,340	SF
Total Pay Area To Date Including Anchor Trench	**410,417**	
Initial Quantity Previous	420,910	SF
Initial Quantity This Page	10,629	SF
Initial Quantity To Date	431,539	SF

Daily Panel Placement **Page** 53

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-373	Roll # G15E392100		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 10 10 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	140	14

Panel # D-374	Roll # G15E392100		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 146 146 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,044	

Panel # D-375	Roll # G15E392097		
Final Length Avg.	122.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 123 122 122 123 / 14 / 14.5

Notes:

Initial SF	1,784	Lineal Feet Trench
Final SF	1,708	

Panel # D-376	Roll # G15E392104		
Final Length Avg.	122.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	123.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 123 122 122 123 / 14 / 14.5

Notes:

Initial SF	1,784	Lineal Feet Trench
Final SF	1,708	

Panel # D-377	Roll # G15E392108		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 124 123 123 124 / 14 / 14.5

Notes:

Initial SF	1,798	Lineal Feet Trench
Final SF	1,722	

Panel # D-378	Roll # G15E386352		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 124 123 123 124 / 14 / 14.5

Notes:

Initial SF	1,798	Lineal Feet Trench
Final SF	1,722	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**9,044**	**SF**
Total Pay Area This Page	**9,093**	**SF**
LF In Trench Previous	1,736	LF
LF In Trench To Date	1,750	LF
SF In Trench Previous	6,077	SF
Total SF in Trench to Date	6,126	SF
Total Panel SF Previous	404,340	SF
Total Panel SF To Date	413,384	SF
Total Pay Area To Date Including Anchor Trench	**419,510**	
Initial Quantity Previous	431,539	SF
Initial Quantity This Page	9,512	SF
Initial Quantity To Date	441,051	SF

Daily Panel Placement **Page** 54

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-379	Roll # G15E392084		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

Panel # D-380	Roll # G15E392084		
Final Length Avg.	115.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	117.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 124 / 122 / 109 / 110 / 14 / 14.5

Notes:

Initial SF	1,697	Lineal Feet Trench	
Final SF	1,617		

Panel # D-381	Roll # G15E392084		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench	
Final SF	140	14	

Panel # D-382	Roll # G15E392084		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 / 10 / 10 / 15 / 14 / 14.5

Notes:

Initial SF	210	Lineal Feet Trench	
Final SF	140	14	

Panel # D-383	Roll # G15E392089		
Final Length Avg.	103.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	105.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 110 / 108 / 98 / 100 / 14 / 14.5

Notes:

Initial SF	1,523	Lineal Feet Trench	
Final SF	1,442		

Panel # D-384	Roll # G14E392089		
Final Length Avg.	53.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	54.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 60 / 59 / 48 / 49 / 14 / 14.5

Notes:

Initial SF	790	Lineal Feet Trench	
Final SF	749		

Panel # D-385	Roll # G15E391042		
Final Length Avg.	43.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	44.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 49 / 48 / 38 / 39 / 14 / 14.5

Notes:

Initial SF	638	Lineal Feet Trench	
Final SF	602		

Panel # D-386	Roll # G15E387425		
Final Length Avg.	26.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 34 / 32 / 20 / 21 / 14 / 14.5

Notes:

Initial SF	399	Lineal Feet Trench	
Final SF	364		

Material in Anchor Trench		
Total LF In Trench This Page	42.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**147**	**SF**
Total Panel SF This Page	**5,194**	**SF**
Total Pay Area This Page	**5,341**	**SF**
LF In Trench Previous	1,750	LF
LF In Trench To Date	1,792	LF
SF In Trench Previous	6,126	SF
Total SF in Trench to Date	6,273	SF
Total Panel SF Previous	413,384	SF
Total Panel SF To Date	418,578	SF
Total Pay Area To Date Including Anchor Trench	**424,851**	
Initial Quantity Previous	441,051	SF
Initial Quantity This Page	5,662	SF
Initial Quantity To Date	446,713	SF

Daily Panel Placement **Page** 55

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-387	G15E386322	43.50 LF	14.00 LF	44.50 LF	14.50 LF	645	609	
D-388	G15E387427	10.00 LF	14.00 LF	13.50 LF	14.50 LF	196	140	14
D-389	G15E392090	33.00 LF	14.00 LF	34.00 LF	14.50 LF	493	462	
D-390	G15E387400	30.00 LF	14.00 LF	33.00 LF	14.50 LF	479	420	
D-391	G15E387405	37.00 LF	14.00 LF	38.00 LF	14.50 LF	551	518	
D-392	G15E387405	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	14
D-393	G15E387405	3.00 LF	14.00 LF	4.00 LF	14.50 LF	58	42	
D-394	G15E387405	6.00 LF	14.00 LF	8.00 LF	14.50 LF	116	84	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**2,415**	**SF**
Total Pay Area This Page	**2,513**	**SF**
LF In Trench Previous	1,792	LF
LF In Trench To Date	1,820	LF
SF In Trench Previous	6,273	SF
Total SF in Trench to Date	6,371	SF
Total Panel SF Previous	418,578	SF
Total Panel SF To Date	420,993	SF
Total Pay Area To Date Including Anchor Trench	**427,364**	
Initial Quantity Previous	446,713	SF
Initial Quantity This Page	2,741	SF
Initial Quantity To Date	449,454	SF

Daily Panel Placement **Page** 56

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-395	G15E387380	21.50 LF	14.00 LF	23.00 LF	14.50 LF	334	301	
D-396	G15E387395	33.50 LF	14.00 LF	34.50 LF	14.50 LF	500	469	4.5
D-397	G15E387395	10.50 LF	14.00 LF	15.00 LF	14.50 LF	218	147	14
D-398	G15E387395	12.00 LF	14.00 LF	16.00 LF	14.50 LF	232	168	14
D-399	G15E387395	20.50 LF	14.00 LF	24.50 LF	14.50 LF	355	287	14
D-400	G15E387395	28.00 LF	14.00 LF	34.00 LF	14.50 LF	493	392	14
D-401	G15E387395	28.00 LF	14.00 LF	33.00 LF	14.50 LF	479	392	42
D-402	G15E387405	6.00 LF	14.00 LF	7.00 LF	14.50 LF	102	84	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	102.50	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**359**	**SF**
Total Panel SF This Page	**2,240**	**SF**
Total Pay Area This Page	**2,599**	**SF**
LF In Trench Previous	1,820	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,371	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	420,993	SF
Total Panel SF To Date	423,233	SF
Total Pay Area To Date Including Anchor Trench	**429,962**	
Initial Quantity Previous	449,454	SF
Initial Quantity This Page	2,712	SF
Initial Quantity To Date	452,165	SF

Daily Panel Placement **Page** 57

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-403	Roll # G15E392122		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Panel # D-404	Roll # G15E392122		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Panel # D-405	Roll # G15E392122		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	428	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29.5 / 29 / 29 / 29.5 / 14 / 14.5

Notes:

Panel # D-406	Roll # G15E392122		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Panel # D-407	Roll # G15E392122		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	413	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 29 / 28 / 28 / 28 / 14 / 14.5

Notes:

Panel # D-408	Roll # G15E392088		
Final Length Avg.	90.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	90.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,312	Lineal Feet Trench	
Final SF	1,267		

14.5 / 14 / 98 / 98 / 83 / 83 / 14 / 14.5

Notes:

Panel # D-409	Roll # G15E392088		
Final Length Avg.	35.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	508	Lineal Feet Trench	
Final SF	490		

14.5 / 14 / 35 / 35 / 35 / 35 / 14 / 14.5

Notes:

Panel # D-410	Roll # G15E292088		
Final Length Avg.	26.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	26.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	384	Lineal Feet Trench	
Final SF	364		

14.5 / 14 / 22 / 21 / 31 / 31 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,095**	**SF**
Total Pay Area This Page	**4,095**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	423,233	SF
Total Panel SF To Date	427,328	SF
Total Pay Area To Date Including Anchor Trench	**434,057**	
Initial Quantity Previous	452,165	SF
Initial Quantity This Page	4,263	SF
Initial Quantity To Date	456,428	SF

Daily Panel Placement **Page** 58

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-411	Roll # G15E392118		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	18.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 18 / 15 / 15 / 18 / 14 / 14.5

Notes:

Initial SF	261	Lineal Feet Trench	
Final SF	210		

Panel # D-412	Roll # G15E392118		
Final Length Avg.	55.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	55.75	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 51 / 51 / 60 / 60.5 / 14 / 14.5

Notes:

Initial SF	808	Lineal Feet Trench	
Final SF	777		

Panel # D-413	Roll # G15E392118		
Final Length Avg.	67.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	68.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 53 / 51 / 83 / 83 / 14 / 14.5

Notes:

Initial SF	986	Lineal Feet Trench	
Final SF	938		

Panel # D-414	Roll # G15E392087		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 29 / 28 / 28 / 29 / 14 / 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	392		

Panel # D-415	Roll # G15E392087		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 29 / 28 / 28 / 29 / 14 / 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	392		

Panel # D-416	Roll # G15E392087		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 / 28 / 28 / 29 / 14 / 14.5

Notes:

Initial SF	413	Lineal Feet Trench	
Final SF	392		

Panel # D-417	Roll # G15E392087		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28.5 / 28 / 28 / 28.5 / 14 / 14.5

Notes:

Initial SF	413	Lineal Feet Trench	
Final SF	392		

Panel # D-418	Roll # G15E392087		
Final Length Avg.	23.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 24 / 23 / 23 / 24 / 14 / 14.5

Notes:

Initial SF	348	Lineal Feet Trench	
Final SF	322		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**3,815**	SF
Total Pay Area This Page	**3,815**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	427,328	SF
Total Panel SF To Date	431,143	SF
Total Pay Area To Date Including Anchor Trench	**437,872**	
Initial Quantity Previous	456,428	SF
Initial Quantity This Page	4,071	SF
Initial Quantity To Date	460,499	SF

Daily Panel Placement **Page** 59

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
D-419	G15E387437	9.00 LF	14.00 LF	9.50 LF	14.50 LF	138	126
D-420	G15E392124	106.00 LF	14.00 LF	106.25 LF	14.50 LF	1,541	1,484
D-421	G15E392124	50.00 LF	14.00 LF	50.00 LF	14.50 LF	725	700
D-422	G15E392129	71.00 LF	14.00 LF	72.00 LF	14.50 LF	1,044	994
D-423	G15E392129	83.00 LF	14.00 LF	84.00 LF	14.50 LF	1,218	1,162
D-424	G15E392130	57.00 LF	14.00 LF	58.00 LF	14.50 LF	841	798
D-425	G15E392130	98.00 LF	14.00 LF	99.00 LF	14.50 LF	1,436	1,372
D-436	G15E393224	60.00 LF	14.00 LF	61.75 LF	14.50 LF	895	840

Lineal Feet Trench

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**7,476**	SF
Total Pay Area This Page	**7,476**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	431,143	SF
Total Panel SF To Date	438,619	SF
Total Pay Area To Date Including Anchor Trench	**445,348**	
Initial Quantity Previous	460,499	SF
Initial Quantity This Page	7,837	SF
Initial Quantity To Date	468,336	SF

Daily Panel Placement

Page 60

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/16/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-247 | Roll # G15E393224

Final Length Avg.	93.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	95.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 95 / 93 / 93 / 95 / 14 / 14.5

Notes:

Initial SF	1,378	Lineal Feet Trench
Final SF	1,302	

Panel # D-248 | Roll # G15E392136

Final Length Avg.	77.00	LF
Final Width Avg.	14.00	LF
Initial Length Avg.	77.00	LF
Initial Width Avg.	14.50	LF

14.5 / 14 / 77 / 77 / 77 / 77 / 14 / 14.5

Notes:

Initial SF	1,117	Lineal Feet Trench
Final SF	1,078	

Panel # D-249 | Roll # G15E392136

Final Length Avg.	71.00	LF
Final Width Avg.	6.50	LF
Initial Length Avg.	72.00	LF
Initial Width Avg.	7.00	LF

7 / 6.5 / 72 / 71 / 71 / 72 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	504	Lineal Feet Trench
Final SF	462	

Panel # D-430 | Roll # G15E392136

Final Length Avg.	42.00	LF
Final Width Avg.	6.50	LF
Initial Length Avg.	43.00	LF
Initial Width Avg.	7.00	LF

7 / 6.5 / 43 / 42 / 42 / 43 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	301	Lineal Feet Trench
Final SF	273	

Panel # D-431 | Roll # G15E392126

Final Length Avg.	34.00	LF
Final Width Avg.	6.50	LF
Initial Length Avg.	34.00	LF
Initial Width Avg.	7.00	LF

7 / 6.5 / 34 / 34 / 34 / 34 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	238	Lineal Feet Trench
Final SF	221	

Panel # D-432 | Roll # G15E391065

Final Length Avg.	47.00	LF
Final Width Avg.	6.50	LF
Initial Length Avg.	48.00	LF
Initial Width Avg.	7.00	LF

7 / 6.5 / 48 / 47 / 47 / 48 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	336	Lineal Feet Trench
Final SF	306	

Panel # | Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel # | Roll

Final Length Avg.		LF
Final Width Avg.		LF
Initial Length Avg.		LF
Initial Width Avg.		LF

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench

Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**3,641**	SF
Total Pay Area This Page	**3,641**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	438,619	SF
Total Panel SF To Date	442,260	SF
Total Pay Area To Date Including Anchor Trench	**448,989**	
Initial Quantity Previous	468,336	SF
Initial Quantity This Page	3,873	SF
Initial Quantity To Date	472,209	SF

Daily Panel Placement **Page** 61

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/17/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-433	Roll # G15E393237		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	34.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 34 / 33 / 33 / 34 / 14 / 14.5

Notes:

Initial SF	493	Lineal Feet Trench	
Final SF	462		

Panel # D-434	Roll # G15E393237		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	33.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 33.5 / 33 / 33 / 33.5 / 14 / 14.5

Notes:

Initial SF	486	Lineal Feet Trench	
Final SF	462		

Panel # D-435	Roll # G15E393237		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 33 / 33 / 33 / 33 / 14 / 14.5

Notes:

Initial SF	479	Lineal Feet Trench	
Final SF	462		

Panel # D-436	Roll # G15E393237		
Final Length Avg.	33.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	34.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 34 / 33 / 33 / 34 / 14 / 14.5

Notes:

Initial SF	493	Lineal Feet Trench	
Final SF	462		

Panel # D-437	Roll # G15E393237		
Final Length Avg.	20.00	LF	
Final Width Avg.	2.00	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	2.00	LF	

2 / 2 / 21 / 20 / 20 / 21 / 2 / 2

Notes:
OFFSET PANEL

Initial SF	42	Lineal Feet Trench	
Final SF	40		

Panel # D-438	Roll # G15E392111		
Final Length Avg.	149.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	150.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 150 / 149 / 149 / 150 / 14 / 14.5

Notes:

Initial SF	2,175	Lineal Feet Trench	
Final SF	2,086		

Panel # D-439	Roll # G15E392091		
Final Length Avg.	20.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	22.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 22 / 20 / 20 / 22 / 14 / 14.5

Notes:

Initial SF	319	Lineal Feet Trench	
Final SF	280		

Panel # D-440	Roll # G15E392091		
Final Length Avg.	134.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	135.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 135 / 134 / 134 / 135 / 14 / 14.5

Notes:

Initial SF	1,958	Lineal Feet Trench	
Final SF	1,876		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,130**	**SF**
Total Pay Area This Page	**6,130**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	442,260	SF
Total Panel SF To Date	448,390	SF
Total Pay Area To Date Including Anchor Trench	**455,119**	
Initial Quantity Previous	472,209	SF
Initial Quantity This Page	6,444	SF
Initial Quantity To Date	478,653	SF

Daily Panel Placement **Page** 62

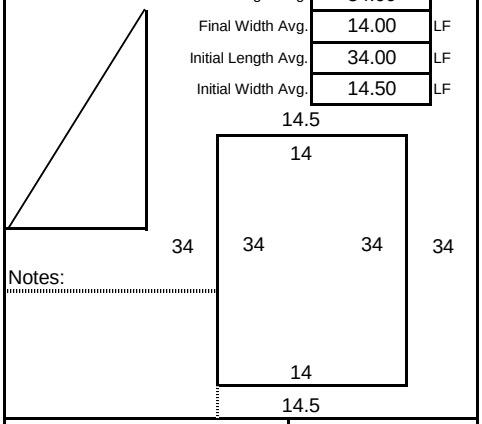
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/17/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

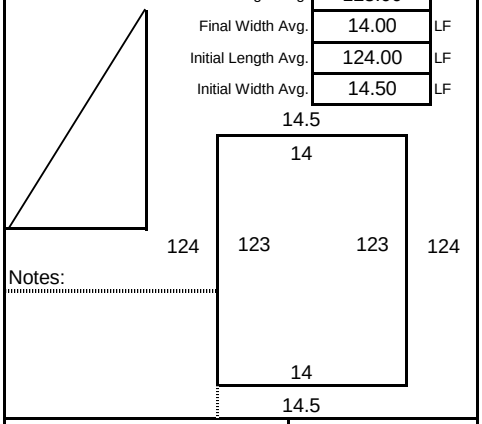
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-441	Roll # G15E392125		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	34.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	493	Lineal Feet Trench	
Final SF	476		



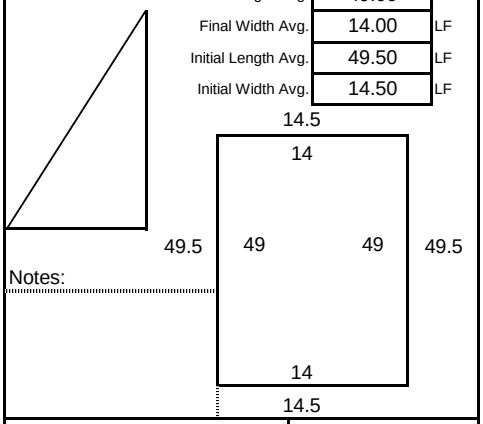
Notes:

Panel # D-442	Roll # G15E392125		
Final Length Avg.	123.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	124.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,798	Lineal Feet Trench	
Final SF	1,722		



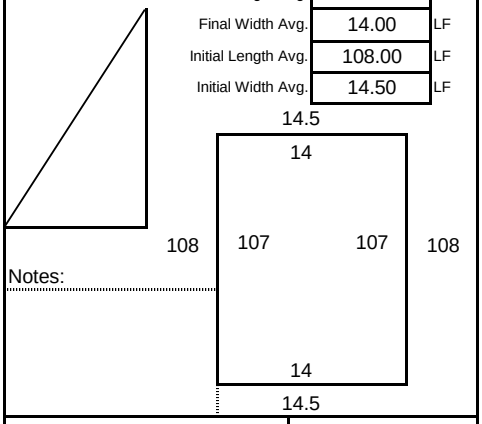
Notes:

Panel # D-443	Roll # G15E393236		
Final Length Avg.	49.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	49.50	LF	
Initial Width Avg.	14.50	LF	
Initial SF	718	Lineal Feet Trench	
Final SF	686		



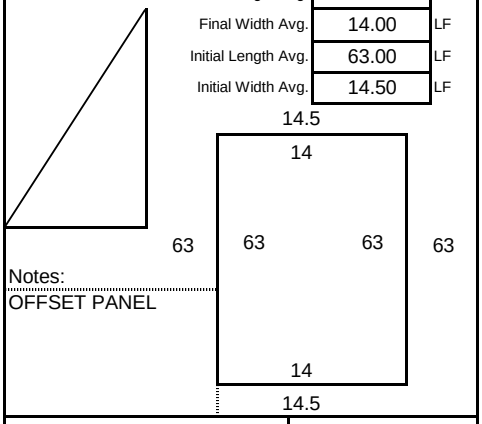
Notes:

Panel # D-444	Roll # G15E393236		
Final Length Avg.	107.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	108.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,566	Lineal Feet Trench	
Final SF	1,498		



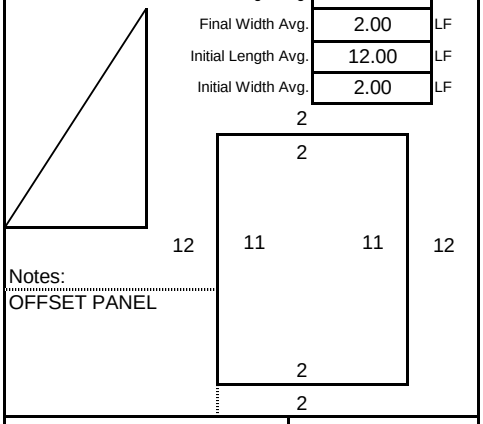
Notes:

Panel # D-445	Roll # G15E393223		
Final Length Avg.	63.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	63.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	914	Lineal Feet Trench	
Final SF	882		



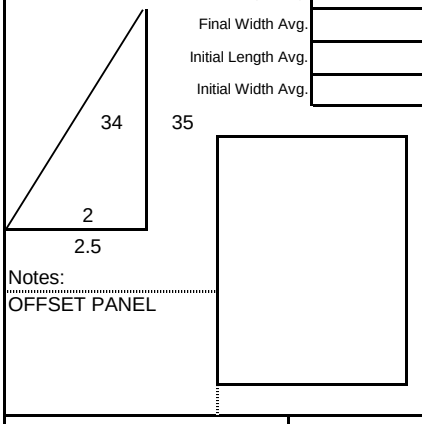
Notes:
OFFSET PANEL

Panel # D-446	Roll # G15E393223		
Final Length Avg.	11.00	LF	
Final Width Avg.	2.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	2.00	LF	
Initial SF	24	Lineal Feet Trench	
Final SF	22		



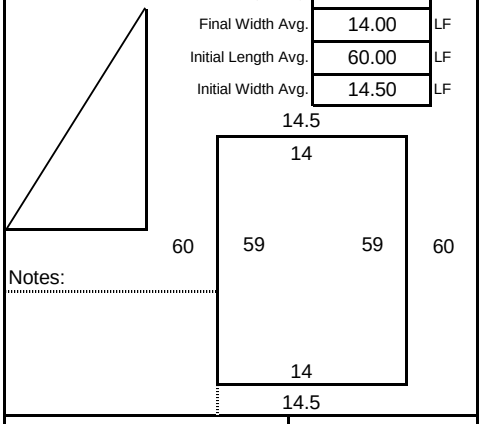
Notes:
OFFSET PANEL

Panel # D-447	Roll # G15E393223		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	44	Lineal Feet Trench	
Final SF	34		



Notes:
OFFSET PANEL

Panel # D-448	Roll # G15E393223		
Final Length Avg.	59.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	60.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	870	Lineal Feet Trench	
Final SF	826		



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,146**	**SF**
Total Pay Area This Page	**6,146**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	448,390	SF
Total Panel SF To Date	454,536	SF
Total Pay Area To Date Including Anchor Trench	**461,265**	
Initial Quantity Previous	478,653	SF
Initial Quantity This Page	6,426	SF
Initial Quantity To Date	485,079	SF

Daily Panel Placement **Page** 63

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/17/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-449	Roll # G15E393219		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	464	Lineal Feet Trench	
Final SF	434		

14.5 / 14 / 32 / 31 / 31 / 32 / 14 / 14.5

Notes:

Panel # D-450	Roll # G15E393219		
Final Length Avg.	111.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	112.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,624	Lineal Feet Trench	
Final SF	1,554		

14.5 / 14 / 112 / 111 / 111 / 112 / 14 / 14.5

Notes:

Panel # D-451	Roll # G15E393219		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	464	Lineal Feet Trench	
Final SF	434		

14.5 / 14 / 32 / 31 / 31 / 32 / 14 / 14.5

Notes:

Panel # D-452	Roll # G15E393179		
Final Length Avg.	108.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	109.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,581	Lineal Feet Trench	
Final SF	1,512		

14.5 / 14 / 109 / 108 / 108 / 109 / 14 / 14.5

Notes:

Panel # D-453	Roll # G15E393795		
Final Length Avg.	63.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	64.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	928	Lineal Feet Trench	
Final SF	882		

14.5 / 14 / 64 / 63 / 63 / 64 / 14 / 14.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,816**	**SF**
Total Pay Area This Page	**4,816**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	454,536	SF
Total Panel SF To Date	459,352	SF
Total Pay Area To Date Including Anchor Trench	**466,081**	
Initial Quantity Previous	485,079	SF
Initial Quantity This Page	5,061	SF
Initial Quantity To Date	490,140	SF

Daily Panel Placement **Page** 64

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-454	G15E386296	32.00 LF	14.00 LF	32.00 LF	14.50 LF		464	448	
D-455	G15E386296	32.00 LF	14.00 LF	32.00 LF	14.50 LF		464	448	
D-456	G15E386296	32.00 LF	14.00 LF	32.00 LF	14.50 LF		464	448	
D-457	G15E386296	32.00 LF	14.00 LF	33.00 LF	14.50 LF		479	448	
D-458	G15E392142	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-459	G15E392155	24.00 LF	14.00 LF	25.00 LF	14.50 LF		363	336	
D-460	G15E392155	132.00 LF	14.00 LF	133.00 LF	14.50 LF		1,929	1,848	
D-461	G15E393795	39.00 LF	14.00 LF	40.00 LF	14.50 LF		580	546	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,580**	**SF**
Total Pay Area This Page	**6,580**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	459,352	SF
Total Panel SF To Date	465,932	SF
Total Pay Area To Date Including Anchor Trench	**472,661**	
Initial Quantity Previous	490,140	SF
Initial Quantity This Page	6,888	SF
Initial Quantity To Date	497,027	SF

Daily Panel Placement **Page** 65

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-462	Roll # G15E392143		
Final Length Avg.	147.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 148 147 147 148 / 14 / 14.5

Notes:

Initial SF	2,146	Lineal Feet Trench
Final SF	2,058	

Panel # D-463	Roll # G15E393175		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 26 24 24 26 / 14 / 14.5

Notes:

Initial SF	377	Lineal Feet Trench
Final SF	336	

Panel # D-464	Roll # G15E393175		
Final Length Avg.	133.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	134.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 135 133 133 134 / 14 / 14.5

Notes:

Initial SF	1,950	Lineal Feet Trench
Final SF	1,862	

Panel # D-465	Roll # G15E392134		
Final Length Avg.	42.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 42 42 43 / 14 / 14.5

Notes:

Initial SF	624	Lineal Feet Trench
Final SF	588	

Panel # D-466	Roll # G15E392033		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 30 27 27 30 / 14 / 14.5

Notes:

Initial SF	435	Lineal Feet Trench
Final SF	378	

Panel # D-467	Roll # G15E392120		
Final Length Avg.	32.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 35 32 32 35 / 14 / 14.5

Notes:

Initial SF	508	Lineal Feet Trench
Final SF	448	

Panel # D-468	Roll # G15E387401		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 29 28 28 29 / 14 / 14.5

Notes:

Initial SF	421	Lineal Feet Trench
Final SF	392	

Panel # D-469	Roll # G15E387382		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 32 31 31 32 / 14 / 14.5

Notes:

Initial SF	464	Lineal Feet Trench
Final SF	434	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,496**	**SF**
Total Pay Area This Page	**6,496**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	465,932	SF
Total Panel SF To Date	472,428	SF
Total Pay Area To Date Including Anchor Trench	**479,157**	
Initial Quantity Previous	497,027	SF
Initial Quantity This Page	6,924	SF
Initial Quantity To Date	503,951	SF

Daily Panel Placement **Page** 66

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-470	Roll # G15E387388		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	377	Lineal Feet Trench	
Final SF	350		

14.5 / 14 / 26 / 25 / 25 / 26 / 14 / 14.5

Notes:

Panel # D-471	Roll # G15E386296		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	392	Lineal Feet Trench	
Final SF	350		

14.5 / 14 / 27 / 25 / 25 / 27 / 14 / 14.5

Notes:

Panel # D-472	Roll # G15E392135		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	8.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	116	Lineal Feet Trench	
Final SF	112		

14.5 / 14 / 8 / 8 / 8 / 8 / 14 / 14.5

Notes:

Panel # D-473	Roll # G15E392135		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	131	Lineal Feet Trench	
Final SF	112		

14.5 / 14 / 9 / 8 / 8 / 9 / 14 / 14.5

Notes:

Panel # D-474	Roll # G15E392135		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	363	Lineal Feet Trench	
Final SF	336		

14.5 / 14 / 25 / 24 / 24 / 25 / 14 / 14.5

Notes:

Panel # D-475	Roll # G15E3921345		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	131	Lineal Feet Trench	
Final SF	112		

14.5 / 14 / 9 / 8 / 8 / 9 / 14 / 14.5

Notes:

Panel # D-476	Roll # G15E392135		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.45	LF	
Initial SF	361	Lineal Feet Trench	
Final SF	336		

14.4 / 14 / 25 / 24 / 24 / 25 / 14 / 14.5

Notes:

Panel # D-477	Roll # G15E392135		
Final Length Avg.	25.00	LF	
Final Width Avg.	22.50	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	23.00	LF	
Initial SF	598	Lineal Feet Trench	
Final SF	563		

23 / 22.5 / 26 / 25 / 25 / 26 / 22.5 / 23

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,271**	**SF**
Total Pay Area This Page	**2,271**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	472,428	SF
Total Panel SF To Date	474,699	SF
Total Pay Area To Date Including Anchor Trench	**481,428**	
Initial Quantity Previous	503,951	SF
Initial Quantity This Page	2,467	SF
Initial Quantity To Date	506,418	SF

Daily Panel Placement **Page** 67

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-478	G15E392134	113.00 LF	14.00 LF	115.00 LF	14.50 LF		1,668	1,582	
D-479	G15E392150	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-480	G15E392131	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-481	G15E392138	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-482	G15E386349	127.00 LF	14.00 LF	128.00 LF	14.50 LF		1,856	1,778	
D-483	G15E386349	29.00 LF	14.00 LF	30.00 LF	14.50 LF		435	406	
D-484	G15E393177	62.00 LF	14.00 LF	63.00 LF	14.50 LF		914	868	
D-485	G15E393177	93.00 LF	14.00 LF	94.00 LF	14.50 LF		1,363	1,302	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,096**	**SF**
Total Pay Area This Page	**12,096**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	474,699	SF
Total Panel SF To Date	486,795	SF
Total Pay Area To Date Including Anchor Trench	**493,524**	
Initial Quantity Previous	506,418	SF
Initial Quantity This Page	12,659	SF
Initial Quantity To Date	519,077	SF

Daily Panel Placement **Page** 68

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/21/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-486	G15E386347	92.00 LF	14.00 LF	93.00 LF	14.50 LF	1,349	1,288	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: 14.5 / 14 / 93 92 92 93 / 14 / 14.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,288**	**SF**
Total Pay Area This Page	**1,288**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	486,795	SF
Total Panel SF To Date	488,083	SF
Total Pay Area To Date Including Anchor Trench	**494,812**	
Initial Quantity Previous	519,077	SF
Initial Quantity This Page	1,349	SF
Initial Quantity To Date	520,425	SF

Daily Panel Placement **Page** 69

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-487	Roll # G15E392135		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	435	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 30 / 29 / 29 / 30 / 14 / 14.5

Notes:

Panel # D-488	Roll # G15E392135		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	232	Lineal Feet Trench	
Final SF	210		

14.5 / 14 / 16 / 15 / 15 / 16 / 14 / 14.5

Notes:

Panel # D-489	Roll # G15E392137		
Final Length Avg.	14.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	196		

14.5 / 14 / 14 / 14 / 14 / 14 / 14 / 14.5

Notes:

Panel # D-490	Roll # G15E392137		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Panel # D-491	Roll # G15E392137		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Panel # D-492	Roll # G15E392137		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Panel # D-493	Roll # G15E392137		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Panel # D-494	Roll # G15E392137		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,842**	**SF**
Total Pay Area This Page	**2,842**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	488,083	SF
Total Panel SF To Date	490,925	SF
Total Pay Area To Date Including Anchor Trench	**497,654**	
Initial Quantity Previous	520,425	SF
Initial Quantity This Page	2,973	SF
Initial Quantity To Date	523,398	SF

Daily Panel Placement **Page** 70

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes	Initial SF	Final SF	Lineal Feet Trench
D-495	G15E392114	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-496	G15E386340	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-497	G15E392103	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-498	G15E386343	146.00 LF	7.00 LF	148.00 LF	8.00 LF	OFFSET PANEL	1,184	1,022	
D-499	G15E386353	147.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,058	
D-500	G15E392115	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-501	G15E386354	146.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,044	
D-502	G15E386320	92.00 LF	14.00 LF	93.00 LF	14.50 LF		1,349	1,288	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**14,630**	**SF**
Total Pay Area This Page	**14,630**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	490,925	SF
Total Panel SF To Date	505,555	SF
Total Pay Area To Date Including Anchor Trench	**512,284**	
Initial Quantity Previous	523,398	SF
Initial Quantity This Page	15,394	SF
Initial Quantity To Date	538,792	SF

Daily Panel Placement **Page** 71

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-503	Roll # G15E386320		
Final Length Avg.	65.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 65 / 65 / 65 / 65 / 14 / 14.5

Notes:

Initial SF	943	Lineal Feet Trench
Final SF	910	

Panel # D-504	Roll # G15E392126		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench
Final SF	392	

Panel # D-505	Roll # G15E386343		
Final Length Avg.	92.00	LF	
Final Width Avg.	6.50	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6.5 / 92 / 92 / 92 / 92 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	644	Lineal Feet Trench
Final SF	598	

Panel # D-506	Roll # G15E393174		
Final Length Avg.	92.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	92.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 92 / 92 / 92 / 92 / 14 / 14.5

Notes:

Initial SF	1,334	Lineal Feet Trench
Final SF	1,288	

Panel # D-507	Roll # G15E393174		
Final Length Avg.	62.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	62.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 62 / 62 / 62 / 62 / 14 / 14.5

Notes:

Initial SF	899	Lineal Feet Trench
Final SF	868	

Panel # D-508	Roll # G15E393795		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 / 30 / 30 / 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench
Final SF	420	

Panel # D-509	Roll # G15E392096		
Final Length Avg.	90.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	91.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 91 / 90 / 90 / 91 / 14 / 14.5

Notes:

Initial SF	1,320	Lineal Feet Trench
Final SF	1,260	

Panel # D-510	Roll # G15E392096		
Final Length Avg.	64.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 65 / 64 / 64 / 65 / 14 / 14.5

Notes:

Initial SF	943	Lineal Feet Trench
Final SF	896	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,632**	**SF**
Total Pay Area This Page	**6,632**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	505,555	SF
Total Panel SF To Date	512,187	SF
Total Pay Area To Date Including Anchor Trench	**518,916**	
Initial Quantity Previous	538,792	SF
Initial Quantity This Page	6,937	SF
Initial Quantity To Date	545,729	SF

Daily Panel Placement **Page** 72

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-511	Roll # G15E392103		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	8.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 8 8 8 8 / 14 / 14.5

Notes:

Initial SF	116	Lineal Feet Trench
Final SF	112	

Panel # D-512	Roll # G15E386342		
Final Length Avg.	5.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	6.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 6 5 5 6 / 14 / 14.5

Notes:

Initial SF	87	Lineal Feet Trench
Final SF	70	

Panel # D-513	Roll # G15E393795		
Final Length Avg.	13.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 14 13 13 14 / 14 / 14.5

Notes:

Initial SF	203	Lineal Feet Trench
Final SF	182	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**364**	**SF**
Total Pay Area This Page	**364**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	512,187	SF
Total Panel SF To Date	512,551	SF
Total Pay Area To Date Including Anchor Trench	**519,280**	
Initial Quantity Previous	545,729	SF
Initial Quantity This Page	406	SF
Initial Quantity To Date	546,135	SF

Daily Panel Placement **Page** 73

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-514	Roll # G15E386347		
Final Length Avg.	59.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	59.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 59 59 59 59 / 14 / 14.5

Notes:

Initial SF	856	Lineal Feet Trench
Final SF	826	

Panel # D-515	Roll # G15E392148		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 28 28 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench
Final SF	392	

Panel # D-516	Roll # G15E392148		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28.5 28 28 28.5 / 14 / 14.5

Notes:

Initial SF	413	Lineal Feet Trench
Final SF	392	

Panel # D-517	Roll # G15E392148		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 28 28 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench
Final SF	392	

Panel # D-518	Roll # G15E392133		
Final Length Avg.	145.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	146.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 146 145 145 146 / 14 / 14.5

Notes:

Initial SF	2,117	Lineal Feet Trench
Final SF	2,030	

Panel # D-519	Roll # G15E393196		
Final Length Avg.	154.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	155.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 155 154 154 155 / 14 / 14.5

Notes:

Initial SF	2,248	Lineal Feet Trench
Final SF	2,156	

Panel # D-520	Roll # G14E392148		
Final Length Avg.	28.00	LF	
Final Width Avg.	6.50	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6.5 / 28 28 28 28 / 6.5 / 7

Notes:
OFFSET PANEL

Initial SF	196	Lineal Feet Trench
Final SF	182	

Panel # D-521	Roll # G15E392151		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 31 31 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench
Final SF	434	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,804**	**SF**
Total Pay Area This Page	**6,804**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	512,551	SF
Total Panel SF To Date	519,355	SF
Total Pay Area To Date Including Anchor Trench	**526,084**	
Initial Quantity Previous	546,135	SF
Initial Quantity This Page	7,091	SF
Initial Quantity To Date	553,225	SF

Daily Panel Placement **Page** 74

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-522	G15E392151	129.00 LF	14.00 LF	129.00 LF	14.50 LF		1,871	1,806	
D-523	G15E393178	77.00 LF	14.00 LF	77.00 LF	14.50 LF		1,117	1,078	
D-524	G15E393178	78.00 LF	14.00 LF	81.00 LF	14.50 LF		1,175	1,092	
D-525	G15E392154	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	
D-526	G15E393217	33.00 LF	14.00 LF	33.00 LF	14.50 LF		479	462	
D-527	G15E387392	37.00 LF	14.00 LF	37.00 LF	14.50 LF		537	518	
D-528	G15E387386	35.00 LF	14.00 LF	37.00 LF	14.50 LF		537	490	
D-529	G15E392114	5.00 LF	14.00 LF	6.00 LF	14.50 LF		87	70	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,714**	**SF**
Total Pay Area This Page	**7,714**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	519,355	SF
Total Panel SF To Date	527,069	SF
Total Pay Area To Date Including Anchor Trench	**533,798**	
Initial Quantity Previous	553,225	SF
Initial Quantity This Page	8,106	SF
Initial Quantity To Date	561,331	SF

Daily Panel Placement **Page** 75

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-530	G15E392148	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-531	G15E392148	12.00 LF	14.00 LF	13.00 LF	14.50 LF		189	168	
D-532	G15E392132	16.00 LF	14.00 LF	16.00 LF	14.50 LF		232	224	
D-533	G15E392132	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-534	G15E392132	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-535	G15E392132	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-536	G15E392098	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212	
D-537	G15E392147	158.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,212	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**6,384**	**SF**
Total Pay Area This Page	**6,384**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	527,069	SF
Total Panel SF To Date	533,453	SF
Total Pay Area To Date Including Anchor Trench	**540,182**	
Initial Quantity Previous	561,331	SF
Initial Quantity This Page	6,670	SF
Initial Quantity To Date	568,001	SF

Daily Panel Placement **Page** 76

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-538	Roll # G15E392149		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,212		

14.5 / 14 / 159 / 158 / 158 / 159 / 14 / 14.5

Notes:

Panel # D-539	Roll # G15E393172		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,320	Lineal Feet Trench	
Final SF	2,212		

14.5 / 14 / 160 / 158 / 158 / 160 / 14 / 14.5

Notes:

Panel # D-540	Roll # G15E392152		
Final Length Avg.	158.00	LF	
Final Width Avg.	6.50	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	7.00	LF	
Initial SF	1,120	Lineal Feet Trench	
Final SF	1,027		

7 / 6.5 / 160 / 158 / 158 / 160 / 6.5 / 7

Notes:

Panel # D-541	Roll # G15E392093		
Final Length Avg.	46.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	696	Lineal Feet Trench	
Final SF	644		

14.5 / 14 / 48 / 46 / 46 / 48 / 14 / 14.5

Notes:

Panel # D-542	Roll # G15E387432		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	464	Lineal Feet Trench	
Final SF	406		

14.5 / 14 / 32 / 29 / 29 / 32 / 14 / 14.5

Notes:

Panel # D-543	Roll # G15E392093		
Final Length Avg.	77.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	79.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,146	Lineal Feet Trench	
Final SF	1,078		

14.5 / 14 / 79 / 77 / 77 / 79 / 14 / 14.5

Notes:

Panel # D-544	Roll # G15E392093		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	435	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 30 / 28 / 28 / 30 / 14 / 14.5

Notes:

Panel # D-545	Roll # G15E392145		
Final Length Avg.	46.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	696	Lineal Feet Trench	
Final SF	644		

14.5 / 14 / 48 / 46 / 46 / 48 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,615**	**SF**
Total Pay Area This Page	**8,615**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	533,453	SF
Total Panel SF To Date	542,068	SF
Total Pay Area To Date Including Anchor Trench	**548,797**	
Initial Quantity Previous	568,001	SF
Initial Quantity This Page	9,182	SF
Initial Quantity To Date	577,183	SF

Daily Panel Placement **Page** 77

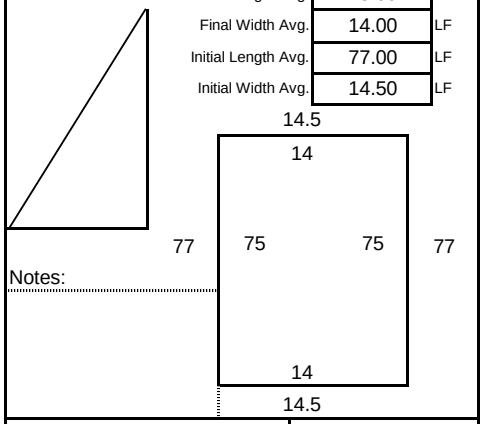
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/23/16

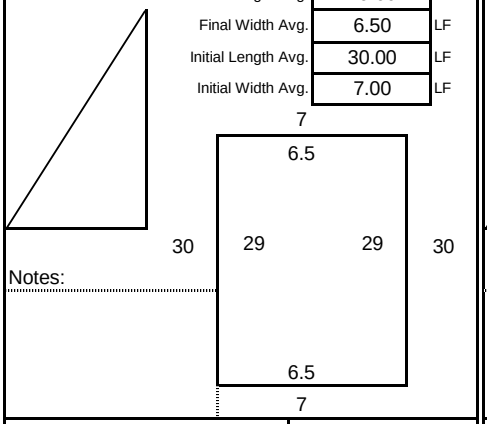
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-546	G15E392145	75.00 LF	14.00 LF	77.00 LF	14.50 LF	1,117	1,050	
D-547	G15E392145	29.00 LF	6.50 LF	30.00 LF	7.00 LF	210	189	
D-548	G15E387392	42.00 LF	6.50 LF	44.00 LF	7.00 LF	308	273	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	







Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,512**	**SF**
Total Pay Area This Page	**1,512**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	542,068	SF
Total Panel SF To Date	543,579	SF
Total Pay Area To Date Including Anchor Trench	**550,308**	
Initial Quantity Previous	577,183	SF
Initial Quantity This Page	1,635	SF
Initial Quantity To Date	578,817	SF

Daily Panel Placement **Page** 78

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-549	G15E393234	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406	
D-550	G15E393234	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406	
D-551	G15E393234	29.00 LF	14.00 LF	30.00 LF	14.50 LF		435	406	
D-552	G15E393173	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-553	G15E393209	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212	
D-554	G15E393220	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-555	G15E393230	158.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,212	
D-556	G15E393201	74.00 LF	14.00 LF	75.00 LF	14.50 LF		1,088	1,036	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**11,074**	**SF**
Total Pay Area This Page	**11,074**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	543,579	SF
Total Panel SF To Date	554,653	SF
Total Pay Area To Date Including Anchor Trench	**561,382**	
Initial Quantity Previous	578,817	SF
Initial Quantity This Page	11,571	SF
Initial Quantity To Date	590,388	SF

Daily Panel Placement **Page** 79

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-557	Roll # G15E393201		
Final Length Avg.	75.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	76.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 76 | 75 | 75 | 76 | 14 | 14.5

Notes:

Initial SF	1,102	Lineal Feet Trench
Final SF	1,050	

Panel # D-558	Roll # G15E393210		
Final Length Avg.	73.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 74 | 73 | 73 | 74 | 14 | 14.5

Notes:

Initial SF	1,073	Lineal Feet Trench
Final SF	1,022	

Panel # D-559	Roll # G15E393210		
Final Length Avg.	73.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	75.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 75 | 73 | 73 | 75 | 14 | 14.5

Notes:

Initial SF	1,088	Lineal Feet Trench
Final SF	1,022	

Panel # D-560	Roll # G15E393234		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench
Final SF	406	

Panel # D-561	Roll # G15E393234		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench
Final SF	406	

Panel # D-562	Roll # G15E393205		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 159 | 157 | 157 | 159 | 14 | 14.5

Notes:

Initial SF	2,306	Lineal Feet Trench
Final SF	2,198	

Panel # D-563	Roll # G15E393228		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 160 | 158 | 158 | 160 | 14 | 14.5

Notes:

Initial SF	2,320	Lineal Feet Trench
Final SF	2,212	

Panel # D-564	Roll # G15E393212		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	73.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 73 | 72 | 72 | 73 | 14 | 14.5

Notes:

Initial SF	1,059	Lineal Feet Trench
Final SF	1,008	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,324**	**SF**
Total Pay Area This Page	**9,324**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	554,653	SF
Total Panel SF To Date	563,977	SF
Total Pay Area To Date Including Anchor Trench	**570,706**	
Initial Quantity Previous	590,388	SF
Initial Quantity This Page	9,788	SF
Initial Quantity To Date	600,176	SF

Daily Panel Placement **Page** 80

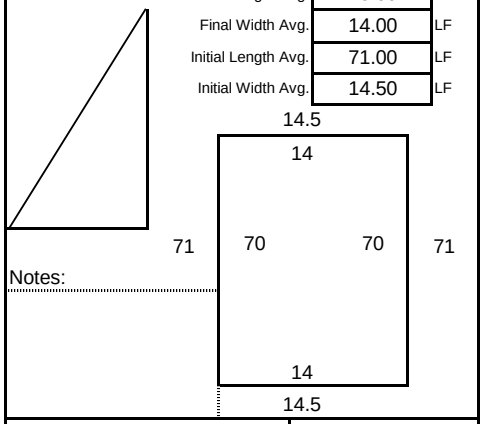
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

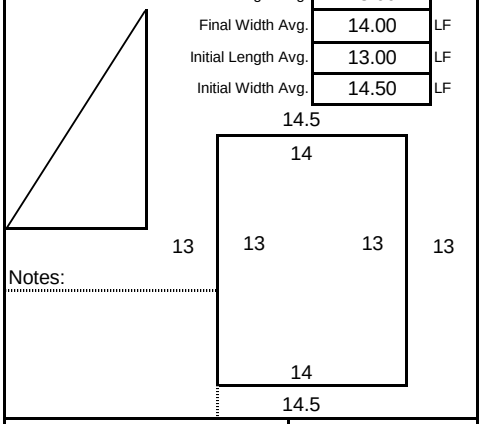
Superintendent: Ali Malimar **Material Type:** GDL

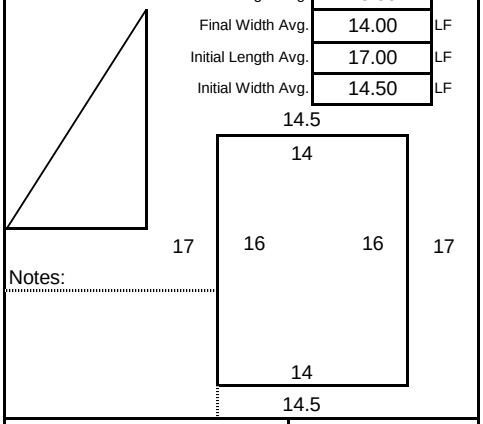
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

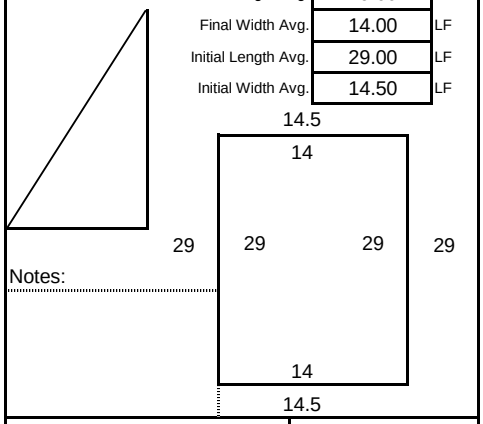
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

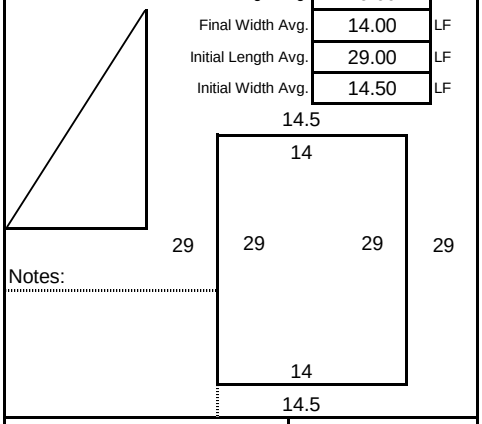
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-565	G15E393212	70.00 LF	14.00 LF	71.00 LF	14.50 LF		1,030	980	
D-566	G15E393234	13.00 LF	14.00 LF	13.00 LF	14.50 LF		189	182	
D-567	G15E393235	16.00 LF	14.00 LF	17.00 LF	14.50 LF		247	224	
D-568	G15E393235	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406	
D-569	G15E393235	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406	
D-570	G15E393229	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	
D-571	G15E393225	157.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,198	
D-572	G15E393221	158.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,212	

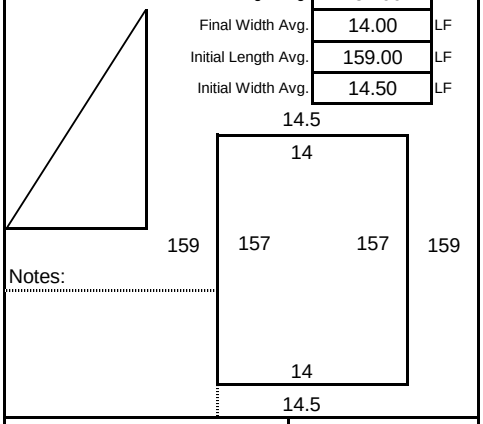


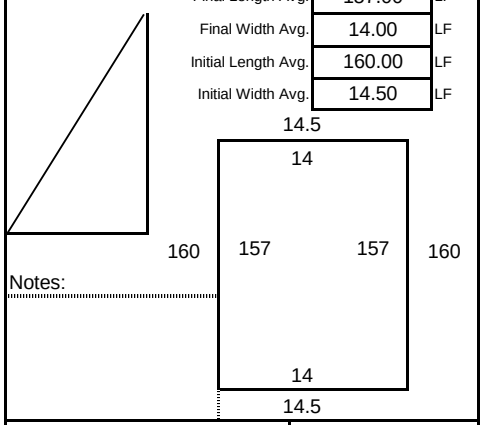


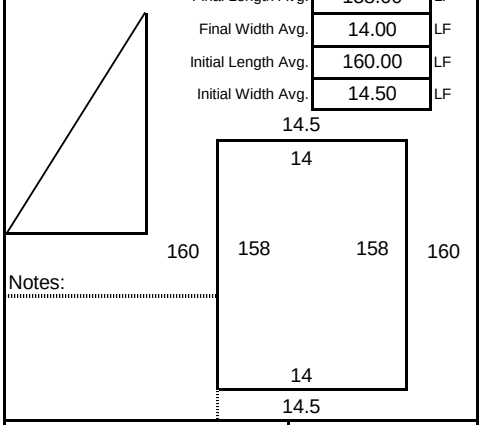












Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**8,806**	**SF**
Total Pay Area This Page	**8,806**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	563,977	SF
Total Panel SF To Date	572,783	SF
Total Pay Area To Date Including Anchor Trench	**579,512**	
Initial Quantity Previous	600,176	SF
Initial Quantity This Page	9,251	SF
Initial Quantity To Date	609,427	SF

Daily Panel Placement **Page** 81

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/24/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-573	Roll # G15E393218		
Final Length Avg.	71.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	73.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,059	Lineal Feet Trench	
Final SF	994		

14.5 / 14 / 73 / 71 / 71 / 73 / 14 / 14.5

Notes:

Panel # D-574	Roll # G15E393218		
Final Length Avg.	68.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	69.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,001	Lineal Feet Trench	
Final SF	952		

14.5 / 14 / 69 / 68 / 68 / 69 / 14 / 14.5

Notes:

Panel # D-575	Roll # G15E393218		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	174	Lineal Feet Trench	
Final SF	154		

14.5 / 14 / 12 / 11 / 11 / 12 / 14 / 14.5

Notes:

Panel # D-576	Roll # G15E393215		
Final Length Avg.	58.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	59.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	856	Lineal Feet Trench	
Final SF	812		

14.5 / 14 / 59 / 58 / 58 / 59 / 14 / 14.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**2,912**	**SF**
Total Pay Area This Page	**2,912**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	572,783	SF
Total Panel SF To Date	575,695	SF
Total Pay Area To Date Including Anchor Trench	**582,424**	
Initial Quantity Previous	609,427	SF
Initial Quantity This Page	3,089	SF
Initial Quantity To Date	612,515	SF

Daily Panel Placement **Page** 82

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-577	Roll # G15E384236		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 28 | 28 | 28 | 28 | 14 | 14.5

Notes:

Initial SF	406	Lineal Feet Trench	
Final SF	392		

Panel # D-578	Roll # G15E384236		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 28 | 28 | 29 | 14 | 14.5

Notes:
OFFSET PANEL

Initial SF	421	Lineal Feet Trench	
Final SF	392		

Panel # D-579	Roll # G15E384236		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Panel # D-580	Roll # G15E384236		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Panel # D-581	Roll # G15E393215		
Final Length Avg.	97.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	97.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 97 | 97 | 97 | 97 | 14 | 14.5

Notes:

Initial SF	1,407	Lineal Feet Trench	
Final SF	1,358		

Panel # D-582	Roll # G15E393216		
Final Length Avg.	127.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	129.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 129 | 127 | 127 | 129 | 14 | 14.5

Notes:

Initial SF	1,871	Lineal Feet Trench	
Final SF	1,778		

Panel # D-583	Roll # G15E393216		
Final Length Avg.	22.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 23 | 22 | 22 | 23 | 14 | 14.5

Notes:

Initial SF	334	Lineal Feet Trench	
Final SF	308		

Panel # D-584	Roll # G15E392146		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 160 | 157 | 157 | 160 | 14 | 14.5

Notes:

Initial SF	2,320	Lineal Feet Trench	
Final SF	2,198		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,238**	**SF**
Total Pay Area This Page	**7,238**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	575,695	SF
Total Panel SF To Date	582,933	SF
Total Pay Area To Date Including Anchor Trench	**589,662**	
Initial Quantity Previous	612,515	SF
Initial Quantity This Page	7,598	SF
Initial Quantity To Date	620,113	SF

Daily Panel Placement **Page** 83

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-585	Roll # G15E393232		
Final Length Avg.	46.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	47.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 47 / 46 / 46 / 47 / 14 / 14.5

Notes:

Initial SF	682	Lineal Feet Trench
Final SF	644	

Panel # D-586	Roll # G15E393232		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 29 / 29 / 29 / 29 / 14 / 14.5

Notes:

Initial SF	421	Lineal Feet Trench
Final SF	406	

Panel # D-587	Roll # G15E392152		
Final Length Avg.	158.00	LF	
Final Width Avg.	5.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5 / 160 / 158 / 158 / 160 / 5 / 6

Notes:
OFFSET PANEL

Initial SF	960	Lineal Feet Trench
Final SF	790	

Panel # D-588	Roll # G15E387392		
Final Length Avg.	45.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	46.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 46 / 45 / 45 / 46 / 14 / 14.5

Notes:
OFFSET PANEL

Initial SF	667	Lineal Feet Trench
Final SF	630	

Panel # D-589	Roll # G15E386343		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	20.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 20 / 19 / 19 / 20 / 14 / 14.5

Notes:

Initial SF	290	Lineal Feet Trench
Final SF	266	

Panel # D-590	Roll # G15E393232		
Final Length Avg.	112.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	113.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 113 / 112 / 112 / 113 / 14 / 14.5

Notes:

Initial SF	1,639	Lineal Feet Trench
Final SF	1,568	

Panel # D-591	Roll # G15E393226		
Final Length Avg.	104.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	107.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 107 / 104 / 104 / 107 / 14 / 14.5

Notes:

Initial SF	1,552	Lineal Feet Trench
Final SF	1,456	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,760**	**SF**
Total Pay Area This Page	**5,760**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	582,933	SF
Total Panel SF To Date	588,693	SF
Total Pay Area To Date Including Anchor Trench	**595,422**	
Initial Quantity Previous	620,113	SF
Initial Quantity This Page	6,209	SF
Initial Quantity To Date	626,322	SF

Daily Panel Placement **Page** 84

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-592	G15E384236	18.00 LF	14.00 LF	19.00 LF	14.50 LF		276	252	
D-593	G15E386299	10.00 LF	14.00 LF	10.00 LF	14.50 LF		145	140	
D-594	G15E386299	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-595	G15E386299	28.00 LF	14.00 LF	29.00 LF	14.50 LF		421	392	
D-596	G15E391078	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	
D-597	G15E384232	153.00 LF	14.00 LF	155.00 LF	14.50 LF		2,248	2,142	
D-598	G15E384233	155.00 LF	14.00 LF	157.00 LF	14.50 LF		2,277	2,170	
D-599	G15E392139	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,884**	**SF**
Total Pay Area This Page	**9,884**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	588,693	SF
Total Panel SF To Date	598,577	SF
Total Pay Area To Date Including Anchor Trench	**605,306**	
Initial Quantity Previous	626,322	SF
Initial Quantity This Page	10,382	SF
Initial Quantity To Date	636,704	SF

Daily Panel Placement **Page** 85

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-600	Roll # G15E386332		
Final Length Avg.	66.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	68.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	986	Lineal Feet Trench	
Final SF	924		

14.5 / 14 / 68 / 66 / 66 / 68 / 14 / 14.5

Notes:

Panel # D-601	Roll # G15E386332		
Final Length Avg.	71.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	72.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,044	Lineal Feet Trench	
Final SF	994		

14.5 / 14 / 72 / 71 / 71 / 72 / 14 / 14.5

Notes:

Panel # D-602	Roll # G15E386332		
Final Length Avg.	13.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	203	Lineal Feet Trench	
Final SF	182		

14.5 / 14 / 14 / 13 / 13 / 14 / 14 / 14.5

Notes:

Panel # D-603	Roll # G15E393176		
Final Length Avg.	56.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	57.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	827	Lineal Feet Trench	
Final SF	784		

14.5 / 14 / 57 / 56 / 56 / 57 / 14 / 14.5

Notes:

Panel # D-604	Roll # G15E393176		
Final Length Avg.	67.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	69.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,001	Lineal Feet Trench	
Final SF	938		

14.5 / 14 / 69 / 67 / 67 / 69 / 14 / 14.5

Notes:

Panel # D-605	Roll # G15E393176		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 29 / 28 / 28 / 29 / 14 / 14.5

Notes:

Panel # D-606	Roll # G15E386299		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Panel # D-607	Roll # G15E386299		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 28 / 28 / 28 / 28 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,998**	**SF**
Total Pay Area This Page	**4,998**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	598,577	SF
Total Panel SF To Date	603,575	SF
Total Pay Area To Date Including Anchor Trench	**610,304**	
Initial Quantity Previous	636,704	SF
Initial Quantity This Page	5,293	SF
Initial Quantity To Date	641,997	SF

Daily Panel Placement **Page** 86

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-608	Roll # G15E393214		
Final Length Avg.	28.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	6.50	LF	
Initial SF	182	Lineal Feet Trench	
Final SF	168		

Notes: OFFSET PANEL

Panel # D-609	Roll # G15E393214		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-610	Roll # G15E393214		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-611	Roll # G15E393231		
Final Length Avg.	156.00	LF	
Final Width Avg.	7.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	7.25	LF	
Initial SF	1,146	Lineal Feet Trench	
Final SF	1,092		

Notes:

Panel # D-612	Roll # G15E392102		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,291	Lineal Feet Trench	
Final SF	2,184		

Notes:

Panel # D-613	Roll # G15E393176		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	34.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	493	Lineal Feet Trench	
Final SF	420		

Notes:

Panel # D-614	Roll # G15E384234		
Final Length Avg.	154.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	157.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,277	Lineal Feet Trench	
Final SF	2,156		

Notes:

Panel # D-615	Roll # G15E391081		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,320	Lineal Feet Trench	
Final SF	2,198		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,002**	**SF**
Total Pay Area This Page	**9,002**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	603,575	SF
Total Panel SF To Date	612,577	SF
Total Pay Area To Date Including Anchor Trench	**619,306**	
Initial Quantity Previous	641,997	SF
Initial Quantity This Page	9,535	SF
Initial Quantity To Date	651,531	SF

Daily Panel Placement **Page** 87

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-616	Roll # G15E384238		
Final Length Avg.	155.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	157.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 157 / 155 / 155 / 157 / 6 / 7

Notes: OFFSET PANEL

Initial SF	1,099	Lineal Feet Trench
Final SF	930	

Panel # D-617	Roll # G15E384214		
Final Length Avg.	40.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	41.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 41 / 40 / 40 / 41 / 14 / 14.5

Notes:

Initial SF	595	Lineal Feet Trench
Final SF	560	

Panel # D-618	Roll # G15E384214		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 74 / 72 / 72 / 74 / 14 / 14.5

Notes:

Initial SF	1,073	Lineal Feet Trench
Final SF	1,008	

Panel # D-619	Roll # G15E384214		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 / 41 / 41 / 43 / 14 / 14.5

Notes:

Initial SF	624	Lineal Feet Trench
Final SF	574	

Panel # D-620	Roll # G15E384230		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 33 / 30 / 30 / 33 / 14 / 14.5

Notes:

Initial SF	479	Lineal Feet Trench
Final SF	420	

Panel # D-621	Roll # G15E384230		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 74 / 72 / 72 / 74 / 14 / 14.5

Notes:

Initial SF	1,073	Lineal Feet Trench
Final SF	1,008	

Panel # D-622	Roll # G15E384230		
Final Length Avg.	51.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	53.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 53 / 51 / 51 / 53 / 6 / 7

Notes: 0FFSET PANEL

Initial SF	371	Lineal Feet Trench
Final SF	306	

Panel # D-623	Roll # G15E393226		
Final Length Avg.	22.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	24.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 24 / 22 / 22 / 24 / 6 / 7

Notes: OFFSET PANEL

Initial SF	168	Lineal Feet Trench
Final SF	132	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,938**	**SF**
Total Pay Area This Page	**4,938**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	612,577	SF
Total Panel SF To Date	617,515	SF
Total Pay Area To Date Including Anchor Trench	**624,244**	
Initial Quantity Previous	651,531	SF
Initial Quantity This Page	5,481	SF
Initial Quantity To Date	657,012	SF

Daily Panel Placement **Page** 88

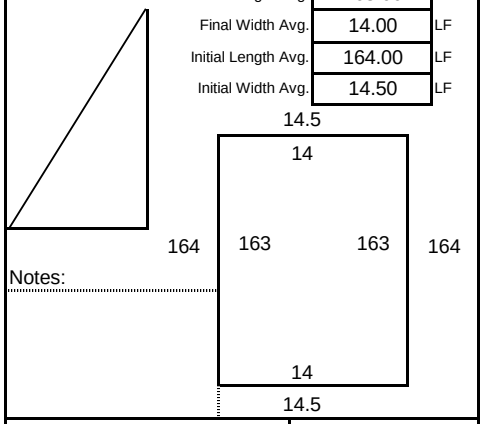
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/29/16

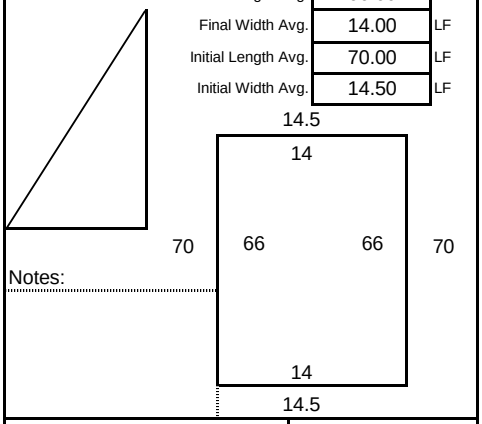
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-624	G15E391076	163.00 LF	14.00 LF	164.00 LF	14.50 LF	2,378	2,282	
D-625	G15E386301	66.00 LF	14.00 LF	70.00 LF	14.50 LF	1,015	924	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	





Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,206**	**SF**
Total Pay Area This Page	**3,206**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	617,515	SF
Total Panel SF To Date	620,721	SF
Total Pay Area To Date Including Anchor Trench	**627,450**	
Initial Quantity Previous	657,012	SF
Initial Quantity This Page	3,393	SF
Initial Quantity To Date	660,405	SF

Daily Panel Placement **Page** 89

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/30/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-626	Roll # G15E386301		
Final Length Avg.	78.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	78.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 78 | 78 | 78 | 78 | 14 | 14.5

Notes:

Initial SF	1,131	Lineal Feet Trench	
Final SF	1,092		

Panel # D-627	Roll # G15E384247		
Final Length Avg.	155.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	156.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 156 | 155 | 155 | 156 | 14 | 14.5

Notes:

Initial SF	2,262	Lineal Feet Trench	
Final SF	2,170		

Panel # D-628	Roll # G15E393214		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Panel # D-629	Roll # G15E393214		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Panel # D-630	Roll # G15E393214		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	20.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 20 | 19 | 19 | 20 | 14 | 14.5

Notes:

Initial SF	290	Lineal Feet Trench	
Final SF	266		

Panel # D-631	Roll # G15E384240		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	10.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 10 | 10 | 10 | 10 | 14 | 14.5

Notes:

Initial SF	145	Lineal Feet Trench	
Final SF	140		

Panel # D-632	Roll # G15E384240		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Panel # D-633	Roll # G15E384240		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 29 | 29 | 29 | 29 | 14 | 14.5

Notes:

Initial SF	421	Lineal Feet Trench	
Final SF	406		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,292**	**SF**
Total Pay Area This Page	**5,292**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	620,721	SF
Total Panel SF To Date	626,013	SF
Total Pay Area To Date Including Anchor Trench	**632,742**	
Initial Quantity Previous	660,405	SF
Initial Quantity This Page	5,510	SF
Initial Quantity To Date	665,915	SF

Daily Panel Placement **Page** 90

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/30/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF
D-634	G15E301080	159.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,226
D-635	G15E384215	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212
D-636	G15E386331	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212
D-637	G15E386336	74.00 LF	14.00 LF	74.00 LF	14.50 LF		1,073	1,036
D-638	G15E386336	51.00 LF	14.00 LF	53.00 LF	14.50 LF		769	714
D-639	G15E386336	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406
D-640	G15E386343	5.00 LF	14.00 LF	6.00 LF	14.50 LF		87	70
D-641	G15E384240	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**9,282**	SF
Total Pay Area This Page	**9,282**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	626,013	SF
Total Panel SF To Date	635,295	SF
Total Pay Area To Date Including Anchor Trench	**642,024**	
Initial Quantity Previous	665,915	SF
Initial Quantity This Page	9,701	SF
Initial Quantity To Date	675,615	SF

Daily Panel Placement **Page** 91

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 06/30/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-642	G15E384240	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406	
D-643	G15E384228	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212	
D-644	G15E384237	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212	
D-645	G15E384212	35.00 LF	14.00 LF	36.00 LF	14.50 LF		522	490	
D-646	G15E384212	35.00 LF	14.00 LF	36.00 LF	14.50 LF		522	490	
							-	-	
							-	-	
							-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,810**	**SF**
Total Pay Area This Page	**5,810**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	635,295	SF
Total Panel SF To Date	641,105	SF
Total Pay Area To Date Including Anchor Trench	**647,834**	
Initial Quantity Previous	675,615	SF
Initial Quantity This Page	6,076	SF
Initial Quantity To Date	681,691	SF

Daily Panel Placement **Page** 92

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/05/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-647	Roll # G15E384240		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 27 27 27 27 / 14 / 14.5

Notes:

Initial SF	392	Lineal Feet Trench
Final SF	378	

Panel # D-648	Roll # G15E384240		
Final Length Avg.	12.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 12 12 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	168	

Panel # D-649	Roll # G15E384220		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	17.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 17 15 15 17 / 14 / 14.5

Notes:

Initial SF	247	Lineal Feet Trench
Final SF	210	

Panel # D-650	Roll # G15E384220		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 28 28 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench
Final SF	392	

Panel # D-651	Roll # G15E384220		
Final Length Avg.	28.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 28 28 28 28 / 6 / 7

Notes:
OFFSET PANEL

Initial SF	196	Lineal Feet Trench
Final SF	168	

Panel # D-652	Roll # G15E386341		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 156 156 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,184	

Panel # D-653	Roll # G15E384224		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 157 157 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,198	

Panel # D-654	Roll # G15E384211		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 159 157 157 159 / 14 / 14.5

Notes:

Initial SF	2,306	Lineal Feet Trench
Final SF	2,198	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,896**	**SF**
Total Pay Area This Page	**7,896**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	641,105	SF
Total Panel SF To Date	649,001	SF
Total Pay Area To Date Including Anchor Trench	**655,730**	
Initial Quantity Previous	681,691	SF
Initial Quantity This Page	8,302	SF
Initial Quantity To Date	689,992	SF

Daily Panel Placement **Page** 93

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/05/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-655	Roll # G15E393233		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 156 / 156 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,184	

Panel # D-656	Roll # G15E384239		
Final Length Avg.	37.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	39.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 39 / 37 / 37 / 39 / 14 / 14.5

Notes:

Initial SF	566	Lineal Feet Trench
Final SF	518	

Panel # D-657	Roll # G15E384239		
Final Length Avg.	32.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	33.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 33 / 32 / 32 / 33 / 14 / 14.5

Notes:

Initial SF	479	Lineal Feet Trench
Final SF	448	

Panel # D-658	Roll # G15E384239		
Final Length Avg.	31.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 32 / 31 / 31 / 32 / 14 / 14.5

Notes:

Initial SF	464	Lineal Feet Trench
Final SF	434	

Panel # D-659	Roll # G15E384239		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 32 / 30 / 30 / 32 / 14 / 14.5

Notes:

Initial SF	464	Lineal Feet Trench
Final SF	420	

Panel # D-660	Roll # G15E384230		
Final Length Avg.	49.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	50.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 50 / 49 / 49 / 50 / 14 / 14.5

Notes:
OFFSET PANEL

Initial SF	725	Lineal Feet Trench
Final SF	686	

Panel # D-661	Roll # G15E384238		
Final Length Avg.	59.00	LF	
Final Width Avg.	5.50	LF	
Initial Length Avg.	60.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5.5 / 60 / 59 / 59 / 60 / 5.5 / 6

Notes:
OFFSET PANEL

Initial SF	360	Lineal Feet Trench
Final SF	325	

Panel # D-662	Roll # G15E384238		
Final Length Avg.	31.00	LF	
Final Width Avg.	5.50	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5.5 / 32 / 31 / 31 / 32 / 5.5 / 6

Notes:
OFFSET PANEL

Initial SF	192	Lineal Feet Trench
Final SF	171	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,185**	**SF**
Total Pay Area This Page	**5,185**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	649,001	SF
Total Panel SF To Date	654,186	SF
Total Pay Area To Date Including Anchor Trench	**660,915**	
Initial Quantity Previous	689,992	SF
Initial Quantity This Page	5,540	SF
Initial Quantity To Date	695,532	SF

Daily Panel Placement **Page** 94

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/05/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes	Initial SF	Final SF
D-663	G15E384238	55.00 LF	4.50 LF	55.00 LF	5.00 LF	OFFSET PANEL	275	248
D-664	G15E384220	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392
D-665	G15E384220	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392
D-666	G15E384229	158.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,212
D-667	G15E384212	37.00 LF	14.00 LF	40.00 LF	14.50 LF		580	518
							-	-
							-	-

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,514**	**SF**
Total Pay Area This Page	**3,514**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	654,186	SF
Total Panel SF To Date	657,700	SF
Total Pay Area To Date Including Anchor Trench	**664,429**	
Initial Quantity Previous	695,532	SF
Initial Quantity This Page	3,712	SF
Initial Quantity To Date	699,244	SF

Daily Panel Placement **Page** 95

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/06/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-668	G15E384220	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-669	G15E386337	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-670	G15E386333	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	
D-671	G15E391038	31.00 LF	14.00 LF	33.00 LF	14.50 LF		479	434	
D-672	G15E391038	33.00 LF	14.00 LF	35.00 LF	14.50 LF		508	462	
							-	-	
							-	-	
							-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,684**	**SF**
Total Pay Area This Page	**5,684**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	657,700	SF
Total Panel SF To Date	663,384	SF
Total Pay Area To Date Including Anchor Trench	**670,113**	
Initial Quantity Previous	699,244	SF
Initial Quantity This Page	5,989	SF
Initial Quantity To Date	705,233	SF

Daily Panel Placement **Page** 96

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/08/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-673	G15E386300	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-674	G15E386300	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-675	G15E386300	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-676	G15E386300	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-677	G15E386300	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-678	G15E386300	14.00 LF	14.00 LF	14.00 LF	14.50 LF		203	196	
D-679	G15E384213	14.00 LF	14.00 LF	15.00 LF	14.50 LF		218	196	
D-680	G15E391038	84.00 LF	14.00 LF	86.00 LF	14.50 LF		1,247	1,176	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**3,528**	SF
Total Pay Area This Page	**3,528**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	663,384	SF
Total Panel SF To Date	666,912	SF
Total Pay Area To Date Including Anchor Trench	**673,641**	
Initial Quantity Previous	705,233	SF
Initial Quantity This Page	3,698	SF
Initial Quantity To Date	708,930	SF

Daily Panel Placement **Page** 97

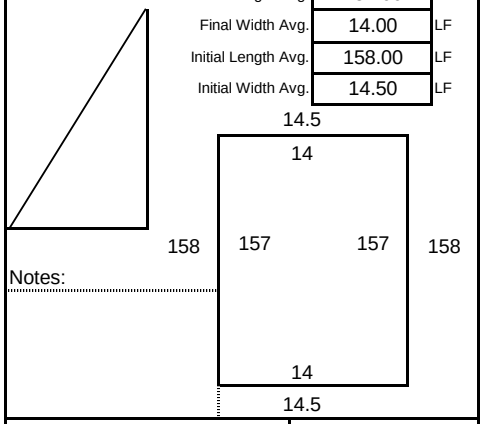
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/08/16

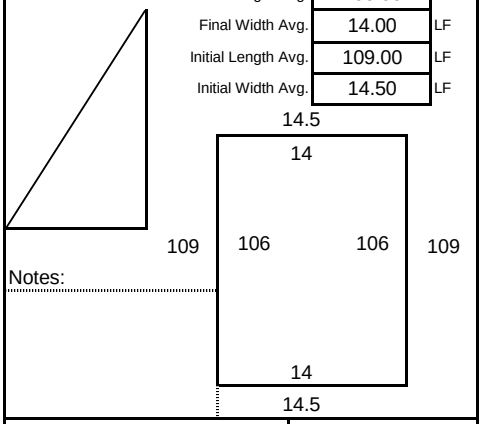
Superintendent: Ali Malimar **Material Type:** GDL

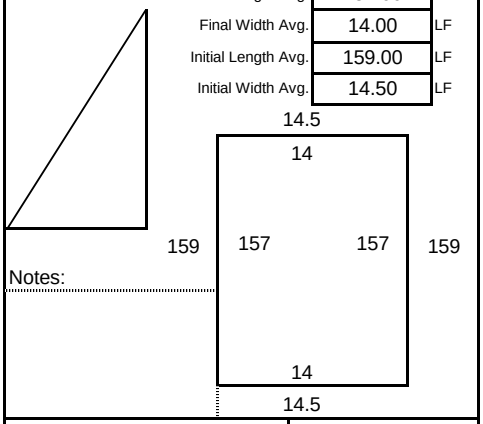
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

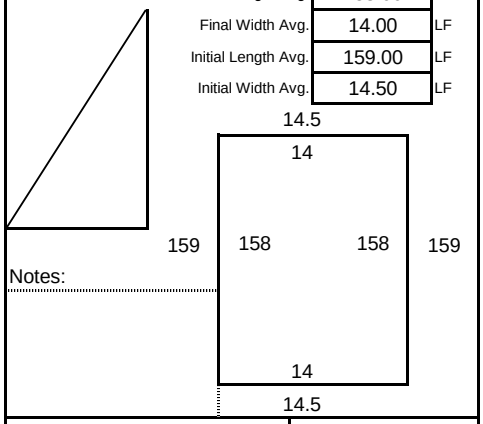
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

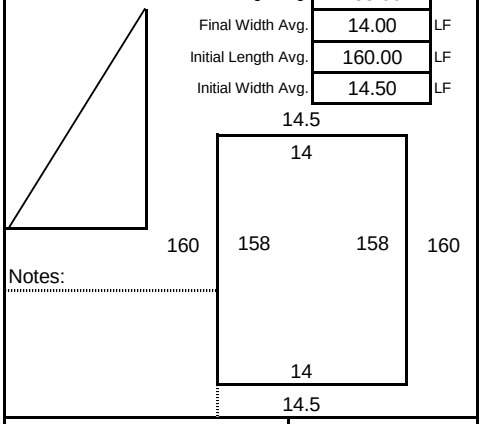
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-681	G15E391063	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-682	G15E391061	106.00 LF	14.00 LF	109.00 LF	14.50 LF		1,581	1,484	
D-683	G15E386328	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	
D-684	G15E392082	158.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,212	
D-685	G15E391077	158.00 LF	14.00 LF	160.00 LF	14.50 LF		2,320	2,212	
D-686	G15E391075	144.00 LF	14.00 LF	146.00 LF	14.50 LF		2,117	2,016	
D-687	G15E392099	59.00 LF	14.00 LF	62.00 LF	14.50 LF		899	826	
D-688	G15E392099	59.00 LF	14.00 LF	61.00 LF	14.50 LF		885	826	

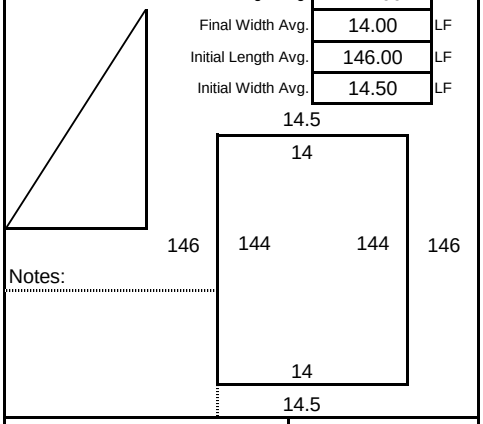


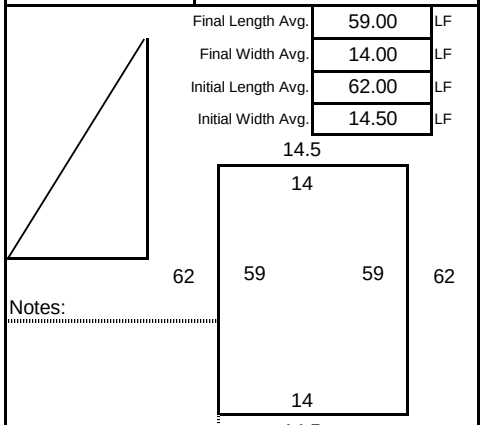


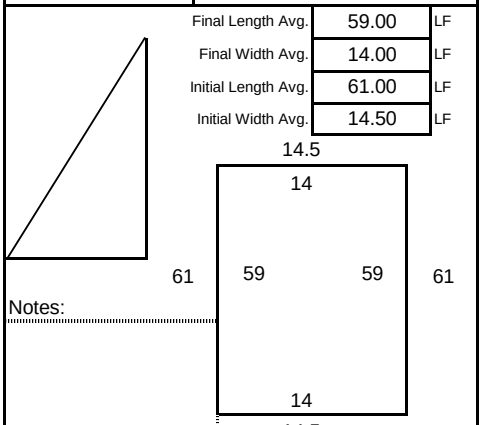












Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**13,972**	**SF**
Total Pay Area This Page	**13,972**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	666,912	SF
Total Panel SF To Date	680,884	SF
Total Pay Area To Date Including Anchor Trench	**687,613**	
Initial Quantity Previous	708,930	SF
Initial Quantity This Page	14,703	SF
Initial Quantity To Date	723,633	SF

Daily Panel Placement **Page** 98

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/08/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-689	Roll # G15E392099		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	450	Lineal Feet Trench	
Final SF	420		

14.5 / 14 / 31 / 30 / 30 / 31 / 14 / 14.5

Notes:

Panel # D-690	Roll # G15E391079		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	392		

14.5 / 14 / 29 / 28 / 28 / 29 / 14 / 14.5

Notes:

Panel # D-691	Roll # G15E391079		
Final Length Avg.	61.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	64.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	928	Lineal Feet Trench	
Final SF	854		

14.5 / 14 / 64 / 61 / 61 / 64 / 14 / 14.5

Notes:

Panel # D-692	Roll # G15E391079		
Final Length Avg.	57.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	59.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	856	Lineal Feet Trench	
Final SF	798		

14.5 / 14 / 59 / 57 / 57 / 59 / 14 / 14.5

Notes:

Panel # D-693	Roll # G15E384212		
Final Length Avg.	20.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	334	Lineal Feet Trench	
Final SF	280		

14.5 / 14 / 23 / 20 / 20 / 23 / 14 / 14.5

Notes:

Panel # D-694	Roll # G15E392145		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	363	Lineal Feet Trench	
Final SF	336		

14.5 / 14 / 25 / 24 / 24 / 25 / 14 / 14.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,080**	**SF**
Total Pay Area This Page	**3,080**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	680,884	SF
Total Panel SF To Date	683,964	SF
Total Pay Area To Date Including Anchor Trench	**690,693**	
Initial Quantity Previous	723,633	SF
Initial Quantity This Page	3,350	SF
Initial Quantity To Date	726,983	SF

Daily Panel Placement **Page** 99

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes	Initial SF	Final SF	Lineal Feet Trench
D-695	G15E385258	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-696	G15E385258	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-697	G15E385258	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-698	G15E385258	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-699	G15E385258	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392	
D-700	G15E385258	14.00 LF	6.00 LF	15.00 LF	7.00 LF	OFFSET PANEL	105	84	
D-701	G15E385258	14.00 LF	6.00 LF	16.00 LF	7.00 LF	OFFSET PANEL	112	84	
D-702	G15E386315	28.00 LF	14.00 LF	29.00 LF	14.50 LF		421	392	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,520**	SF
Total Pay Area This Page	**2,520**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	683,964	SF
Total Panel SF To Date	686,484	SF
Total Pay Area To Date Including Anchor Trench	**693,213**	
Initial Quantity Previous	726,983	SF
Initial Quantity This Page	2,668	SF
Initial Quantity To Date	729,650	SF

Daily Panel Placement **Page** 100

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-703	Roll # G15E387384		
Final Length Avg.	143.00	LF	
Final Width Avg.	5.00	LF	
Initial Length Avg.	144.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5 / 144 / 143 / 143 / 144 / 5 / 6

Notes: OFFSET PANEL

Initial SF	864	Lineal Feet Trench
Final SF	715	

Panel # D-704	Roll # G15E387441		
Final Length Avg.	36.00	LF	
Final Width Avg.	5.00	LF	
Initial Length Avg.	37.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5 / 37 / 36 / 36 / 37 / 5 / 6

Notes: OFFSET PANEL

Initial SF	222	Lineal Feet Trench
Final SF	180	

Panel # D-705	Roll # G15E387441		
Final Length Avg.	34.00	LF	
Final Width Avg.	5.00	LF	
Initial Length Avg.	37.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5 / 37 / 34 / 34 / 37 / 5 / 6

Notes: OFFSET PANEL

Initial SF	222	Lineal Feet Trench
Final SF	170	

Panel # D-706	Roll # G15E384213		
Final Length Avg.	139.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	140.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 140 / 139 / 139 / 140 / 14 / 14.5

Notes:

Initial SF	2,030	Lineal Feet Trench
Final SF	1,946	

Panel # D-707	Roll # G15E386327		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 145 / 143 / 143 / 145 / 14 / 14.5

Notes:

Initial SF	2,103	Lineal Feet Trench
Final SF	2,002	

Panel # D-708	Roll # G15E391074		
Final Length Avg.	144.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	145.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 145 / 144 / 144 / 145 / 14 / 14.5

Notes:

Initial SF	2,103	Lineal Feet Trench
Final SF	2,016	

Panel # D-709	Roll # G15E386327		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 11 / 10 / 10 / 11 / 14 / 14.5

Notes:

Initial SF	160	Lineal Feet Trench
Final SF	140	

Panel # D-710	Roll # G15E3910674		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 9 / 8 / 8 / 9 / 14 / 14.5

Notes:

Initial SF	131	Lineal Feet Trench
Final SF	112	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,281**	**SF**
Total Pay Area This Page	**7,281**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	686,484	SF
Total Panel SF To Date	693,765	SF
Total Pay Area To Date Including Anchor Trench	**700,494**	
Initial Quantity Previous	729,650	SF
Initial Quantity This Page	7,833	SF
Initial Quantity To Date	737,483	SF

Daily Panel Placement **Page** 101

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-711	Roll # G15E386329		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	144.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 144 / 143 / 143 / 144 / 14 / 14.5

Notes:

Initial SF	2,088	Lineal Feet Trench	
Final SF	2,002		

Panel # D-712	Roll # G15E386329		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 11 / 10 / 10 / 11 / 14 / 14.5

Notes:

Initial SF	160	Lineal Feet Trench	
Final SF	140		

Panel # D-713	Roll # G15E386330		
Final Length Avg.	142.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	143.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 143 / 142 / 142 / 143 / 14 / 14.5

Notes:

Initial SF	2,074	Lineal Feet Trench	
Final SF	1,988		

Panel # D-714	Roll # G15E386330		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 / 11 / 11 / 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench	
Final SF	154		

Panel # D-715	Roll # G15E386307		
Final Length Avg.	143.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	144.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 144 / 143 / 143 / 144 / 14 / 14.5

Notes:

Initial SF	2,088	Lineal Feet Trench	
Final SF	2,002		

Panel # D-716	Roll # G15E386307		
Final Length Avg.	10.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 / 10 / 10 / 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench	
Final SF	140		

Panel # D-717	Roll # G15E391072		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 / 25 / 25 / 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench	
Final SF	350		

Panel # D-718	Roll # G15E391072		
Final Length Avg.	77.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	79.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 79 / 77 / 77 / 79 / 14 / 14.5

Notes:

Initial SF	1,146	Lineal Feet Trench	
Final SF	1,078		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,854**	**SF**
Total Pay Area This Page	**7,854**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	693,765	SF
Total Panel SF To Date	701,619	SF
Total Pay Area To Date Including Anchor Trench	**708,348**	
Initial Quantity Previous	737,483	SF
Initial Quantity This Page	8,309	SF
Initial Quantity To Date	745,792	SF

Daily Panel Placement **Page** 102

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/11/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-719	Roll # G15E391072		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 49 / 47 / 47 / 49 / 14 / 14.5

Notes:

Initial SF	711	Lineal Feet Trench
Final SF	658	

Panel # D-720	Roll # G15E386370		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 / 29 / 29 / 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench
Final SF	406	

Panel # D-721	Roll # G15E386370		
Final Length Avg.	14.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	15.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 15 / 14 / 14 / 15 / 14 / 14.5

Notes:

Initial SF	218	Lineal Feet Trench
Final SF	196	

Panel # D-722	Roll # G15E391065		
Final Length Avg.	42.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 / 42 / 42 / 43 / 14 / 14.5

Notes:

Initial SF	624	Lineal Feet Trench
Final SF	588	

Panel # D-723	Roll # G15E387434		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 / 28 / 28 / 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench
Final SF	392	

Panel # D-724	Roll # G15E387408		
Final Length Avg.	48.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 49 / 48 / 48 / 49 / 14 / 14.5

Notes:

Initial SF	711	Lineal Feet Trench
Final SF	672	

Panel # D-725	Roll # G15E391037		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 25 / 24 / 24 / 25 / 14 / 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	336	

Panel # D-726	Roll # G15E391037		
Final Length Avg.	79.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	81.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 81 / 79 / 79 / 81 / 14 / 14.5

Notes:

Initial SF	1,175	Lineal Feet Trench
Final SF	1,106	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**4,354**	**SF**
Total Pay Area This Page	**4,354**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	701,619	SF
Total Panel SF To Date	705,973	SF
Total Pay Area To Date Including Anchor Trench	**712,702**	
Initial Quantity Previous	745,792	SF
Initial Quantity This Page	4,698	SF
Initial Quantity To Date	750,490	SF

Daily Panel Placement **Page** 103

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-727	Roll # G15E386315		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
28	28	28	28
14			
14.5			
Notes:			
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Panel # D-728	Roll # G15E386315		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
28	28	28	28
14			
14.5			
Notes:			
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Panel # D-729	Roll # G15E386315		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
29	28	28	29
14			
14.5			
Notes:			
Initial SF	421	Lineal Feet Trench	
Final SF	392		

Panel # D-730	Roll # G15E386315		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
28	28	28	28
14			
14.5			
Notes:			
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Panel # D-731	Roll # G15E386315		
Final Length Avg.	14.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
16	14	14	16
14			
14.5			
Notes:			
Initial SF	232	Lineal Feet Trench	
Final SF	196		

Panel # D-732	Roll # G15E386319		
Final Length Avg.	14.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
16	14	14	16
14			
14.5			
Notes:			
Initial SF	232	Lineal Feet Trench	
Final SF	196		

Panel # D-733	Roll # G15E386319		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
28	28	28	28
14			
14.5			
Notes:			
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Panel # D-734	Roll # G15E386311		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	147.00	LF	
Initial Width Avg.	14.50	LF	
14.5			
14			
147	146	146	147
14			
14.5			
Notes:			
Initial SF	2,132	Lineal Feet Trench	
Final SF	2,044		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**4,396**	SF
Total Pay Area This Page	**4,396**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	705,973	SF
Total Panel SF To Date	710,369	SF
Total Pay Area To Date Including Anchor Trench	**717,098**	
Initial Quantity Previous	750,490	SF
Initial Quantity This Page	4,640	SF
Initial Quantity To Date	755,130	SF

Daily Panel Placement **Page** 104

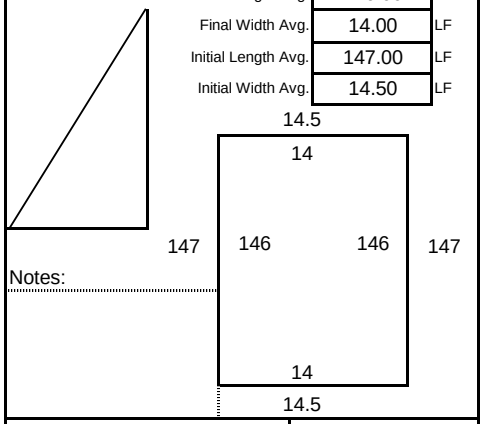
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

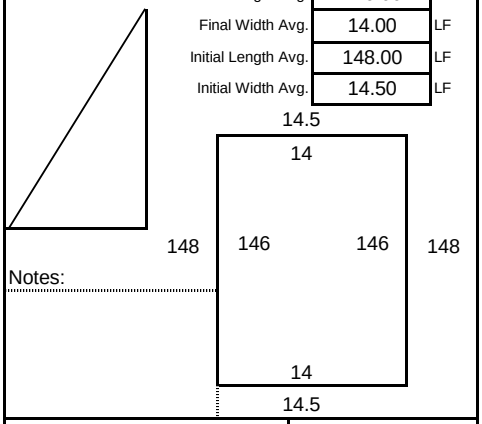
Superintendent: Ali Malimar **Material Type:** GDL

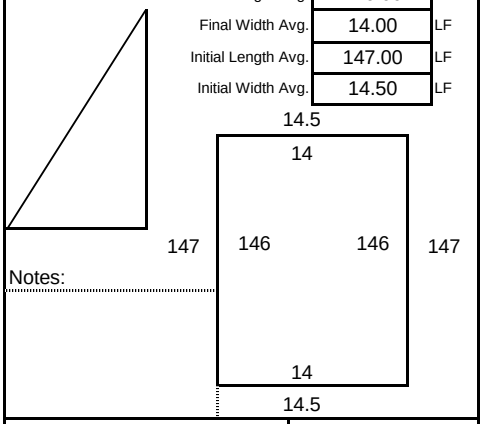
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

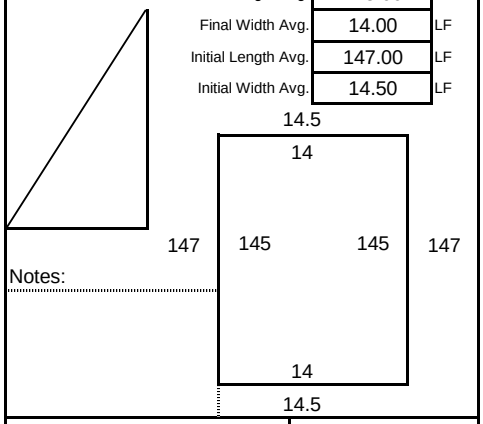
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

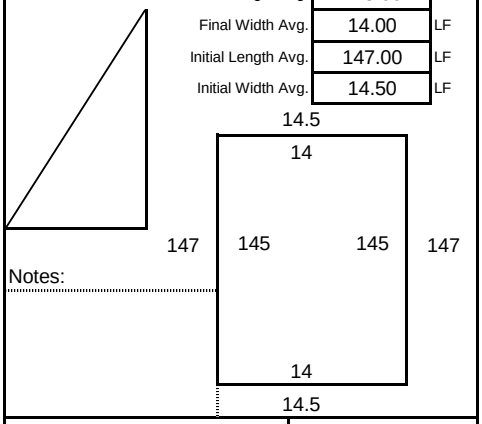
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-735	G15E386317	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-736	G15E386326	146.00 LF	14.00 LF	148.00 LF	14.50 LF		2,146	2,044	
D-737	G15E386312	146.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,044	
D-738	G15E386323	145.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,030	
D-739	G15E386318	145.00 LF	14.00 LF	147.00 LF	14.50 LF		2,132	2,030	
D-740	G15E384212	15.00 LF	14.00 LF	18.00 LF	14.50 LF		261	210	
D-741	G15E393226	14.00 LF	14.00 LF	15.00 LF	14.50 LF		218	196	
D-742	G15E386317	8.00 LF	14.00 LF	9.00 LF	14.50 LF		131	112	

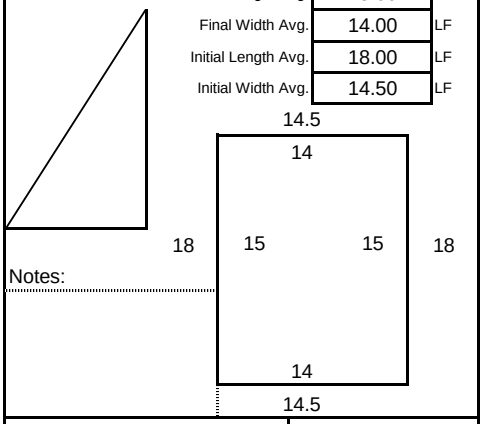


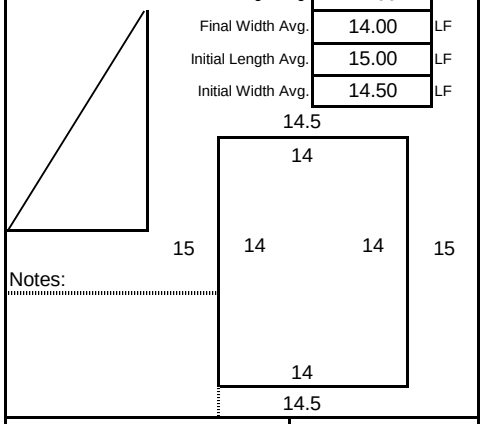


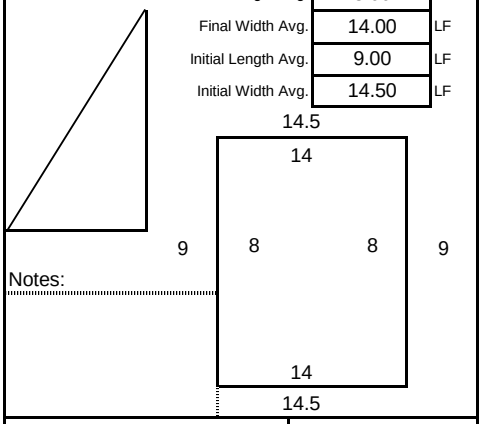












Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,710**	**SF**
Total Pay Area This Page	**10,710**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	710,369	SF
Total Panel SF To Date	721,079	SF
Total Pay Area To Date Including Anchor Trench	**727,808**	
Initial Quantity Previous	755,130	SF
Initial Quantity This Page	11,281	SF
Initial Quantity To Date	766,411	SF

Daily Panel Placement **Page** 105

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-743	Roll # G15E386311		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	10.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 10 / 9 / 9 / 10 / 14 / 14.5

Notes:

Initial SF	145	Lineal Feet Trench
Final SF	126	

Panel # D-744	Roll # G15E386326		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 11 / 9 / 9 / 11 / 14 / 14.5

Notes:

Initial SF	160	Lineal Feet Trench
Final SF	126	

Panel # D-745	Roll # G15E386312		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	10.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 10 / 9 / 9 / 10 / 14 / 14.5

Notes:

Initial SF	145	Lineal Feet Trench
Final SF	126	

Panel # D-746	Roll # G15E393104		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 30 / 28 / 28 / 30 / 14 / 14.5

Notes:

Initial SF	435	Lineal Feet Trench
Final SF	392	

Panel # D-747	Roll # G15E392109		
Final Length Avg.	26.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 / 26 / 26 / 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench
Final SF	364	

Panel # D-748	Roll # G15E386323		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	10.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 10 / 9 / 9 / 10 / 14 / 14.5

Notes:

Initial SF	145	Lineal Feet Trench
Final SF	126	

Panel # D-749	Roll # G15E392108		
Final Length Avg.	42.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	43.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 / 42 / 42 / 43 / 14 / 14.5

Notes:

Initial SF	624	Lineal Feet Trench
Final SF	588	

Panel # D-750	Roll # G15E386318		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 / 11 / 11 / 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	154	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,002**	SF
Total Pay Area This Page	**2,002**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	721,079	SF
Total Panel SF To Date	723,081	SF
Total Pay Area To Date Including Anchor Trench	**729,810**	
Initial Quantity Previous	766,411	SF
Initial Quantity This Page	2,233	SF
Initial Quantity To Date	768,644	SF

Daily Panel Placement **Page** 106

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-751	Roll # G15E386352		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 27 / 25 / 25 / 27 / 14 / 14.5

Notes:

Initial SF	392	Lineal Feet Trench	
Final SF	350		

Panel # D-752	Roll # G15E392097		
Final Length Avg.	22.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 23 / 22 / 22 / 23 / 14 / 14.5

Notes:

Initial SF	334	Lineal Feet Trench	
Final SF	308		

Panel # D-753	Roll # G15E387376		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 30 / 28 / 28 / 30 / 14 / 14.5

Notes:

Initial SF	435	Lineal Feet Trench	
Final SF	392		

Panel # D-754	Roll # G15E392113		
Final Length Avg.	23.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 25 / 23 / 23 / 25 / 14 / 14.5

Notes:

Initial SF	363	Lineal Feet Trench	
Final SF	322		

Panel # D-755	Roll # G15E392157		
Final Length Avg.	15.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 16 / 15 / 15 / 16 / 14 / 14.5

Notes:

Initial SF	232	Lineal Feet Trench	
Final SF	210		

Panel # D-756	Roll # G15E386361		
Final Length Avg.	18.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	20.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 20 / 18 / 18 / 20 / 14 / 14.5

Notes:

Initial SF	290	Lineal Feet Trench	
Final SF	252		

Panel # D-757	Roll # G15E386357		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 / 27 / 27 / 28 / 14 / 14.5

Notes:

Initial SF	406	Lineal Feet Trench	
Final SF	378		

Panel # D-758	Roll # G15E393211		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 / 28 / 28 / 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench	
Final SF	392		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,604**	SF
Total Pay Area This Page	**2,604**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	723,081	SF
Total Panel SF To Date	725,685	SF
Total Pay Area To Date Including Anchor Trench	**732,414**	
Initial Quantity Previous	768,644	SF
Initial Quantity This Page	2,900	SF
Initial Quantity To Date	771,544	SF

Daily Panel Placement **Page** 107

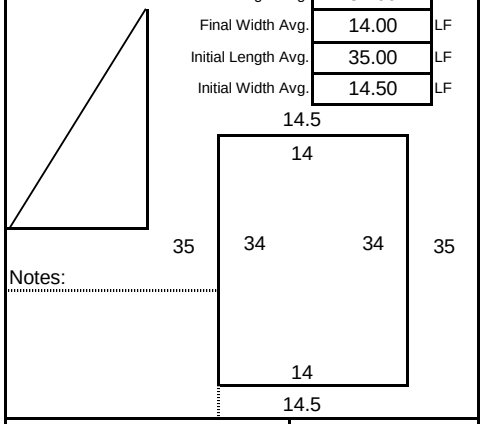
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/12/16

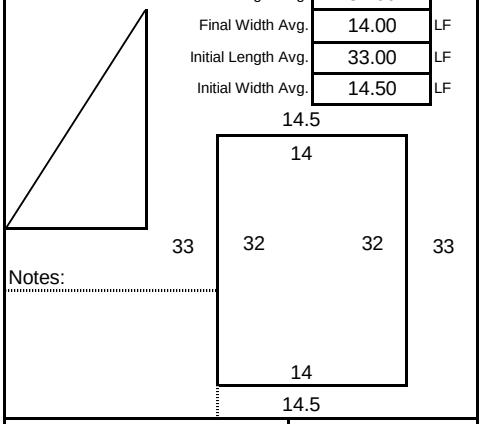
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-759	G15E386319	34.00 LF	14.00 LF	35.00 LF	14.50 LF		508	476	
D-760	G15E386319	32.00 LF	14.00 LF	33.00 LF	14.50 LF		479	448	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	





Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**924**	**SF**
Total Pay Area This Page	**924**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	725,685	SF
Total Panel SF To Date	726,609	SF
Total Pay Area To Date Including Anchor Trench	**733,338**	
Initial Quantity Previous	771,544	SF
Initial Quantity This Page	986	SF
Initial Quantity To Date	772,530	SF

Daily Panel Placement **Page** 108

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-761	Roll # G15E386319		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 27 27 27 / 14 / 14.5

Notes:

Initial SF	392	Lineal Feet Trench	
Final SF	378		

Panel # D-762	Roll # G15E386319		
Final Length Avg.	11.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 11 11 11 / 14 / 14.5

Notes:

Initial SF	160	Lineal Feet Trench	
Final SF	154		

Panel # D-763	Roll # G15E386324		
Final Length Avg.	16.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	17.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 16 16 / 14 / 14.5

Notes:

Initial SF	247	Lineal Feet Trench	
Final SF	224		

Panel # D-764	Roll # G15E386324		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 27 27 27 / 14 / 14.5

Notes:

Initial SF	392	Lineal Feet Trench	
Final SF	378		

Panel # D-765	Roll # G15E386324		
Final Length Avg.	27.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	27.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 27 27 27 / 14 / 14.5

Notes:

Initial SF	392	Lineal Feet Trench	
Final SF	378		

Panel # D-766	Roll # G15E386324		
Final Length Avg.	13.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	16.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 13 13 / 6 / 7

Notes:
OFFSET PANEL

Initial SF	112	Lineal Feet Trench	
Final SF	78		

Panel # D-767	Roll # G15E386324		
Final Length Avg.	15.50	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	17.00	LF	
Initial Width Avg.	7.00	LF	

7 / 6 / 15.5 15.5 / 6 / 7

Notes:
OFFSET PANEL

Initial SF	119	Lineal Feet Trench	
Final SF	93		

Panel # D-768	Roll # G15E386324		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 28 28 28 / 14 / 14.5

Notes:
OFFSET PANEL

Initial SF	406	Lineal Feet Trench	
Final SF	392		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,075**	SF
Total Pay Area This Page	**2,075**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	726,609	SF
Total Panel SF To Date	728,684	SF
Total Pay Area To Date Including Anchor Trench	**735,413**	
Initial Quantity Previous	772,530	SF
Initial Quantity This Page	2,218	SF
Initial Quantity To Date	774,747	SF

Daily Panel Placement **Page** 109

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF
D-769	G15E386324	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392
D-770	G15E386316	149.00 LF	14.00 LF	150.00 LF	14.50 LF		2,175	2,086
D-771	G15E384235	150.00 LF	14.00 LF	154.00 LF	14.50 LF		2,233	2,100
D-772	G15E386305	150.00 LF	14.00 LF	152.00 LF	14.50 LF		2,204	2,100
D-773	G15E386306	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198
D-774	G15E384222	156.00 LF	10.50 LF	160.00 LF	14.50 LF	OFFSET PANEL	2,320	1,638
D-775	G15E386325	154.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,156
D-776	G15E384231	143.00 LF	14.00 LF	145.00 LF	14.50 LF		2,103	2,002

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**14,672**	SF
Total Pay Area This Page	**14,672**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	728,684	SF
Total Panel SF To Date	743,356	SF
Total Pay Area To Date Including Anchor Trench	**750,085**	
Initial Quantity Previous	774,747	SF
Initial Quantity This Page	16,023	SF
Initial Quantity To Date	790,770	SF

Daily Panel Placement **Page** 110

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-777	Roll # G15E384216		
Final Length Avg.	22.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	23.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 23 / 22 / 22 / 23 / 14 / 14.5

Notes:

Initial SF	334	Lineal Feet Trench	
Final SF	308		

Panel # D-778	Roll # G15E384216		
Final Length Avg.	56.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	57.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 57 / 56 / 56 / 57 / 14 / 14.5

Notes:

Initial SF	827	Lineal Feet Trench	
Final SF	784		

Panel # D-779	Roll # G15E384216		
Final Length Avg.	54.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	56.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 56 / 54 / 54 / 56 / 14 / 14.5

Notes:

Initial SF	812	Lineal Feet Trench	
Final SF	756		

Panel # D-780	Roll # G15E391064		
Final Length Avg.	19.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	20.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 20 / 19 / 19 / 20 / 14 / 14.5

Notes:

Initial SF	290	Lineal Feet Trench	
Final SF	266		

Panel # D-781	Roll # G15E391064		
Final Length Avg.	76.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	77.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 77 / 76 / 76 / 77 / 14 / 14.5

Notes:

Initial SF	1,117	Lineal Feet Trench	
Final SF	1,064		

Panel # D-782	Roll # G15E391064		
Final Length Avg.	55.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	56.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 56 / 55 / 55 / 56 / 14 / 14.5

Notes:

Initial SF	812	Lineal Feet Trench	
Final SF	770		

Panel # D-783	Roll # G15E391041		
Final Length Avg.	48.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	49.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 49 / 48 / 48 / 49 / 14 / 14.5

Notes:

Initial SF	711	Lineal Feet Trench	
Final SF	672		

Panel # D-784	Roll # G15E391041		
Final Length Avg.	100.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	104.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 104 / 100 / 100 / 104 / 14 / 14.5

Notes:

Initial SF	1,508	Lineal Feet Trench	
Final SF	1,400		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**6,020**	SF
Total Pay Area This Page	**6,020**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	743,356	SF
Total Panel SF To Date	749,376	SF
Total Pay Area To Date Including Anchor Trench	**756,105**	
Initial Quantity Previous	790,770	SF
Initial Quantity This Page	6,409	SF
Initial Quantity To Date	797,179	SF

Daily Panel Placement **Page** 111

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/13/16

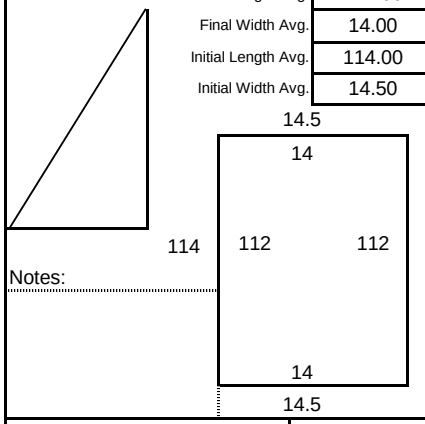
Superintendent: Ali Malimar **Material Type:** GDL

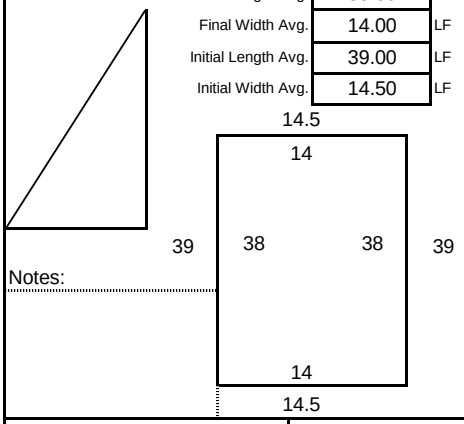
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

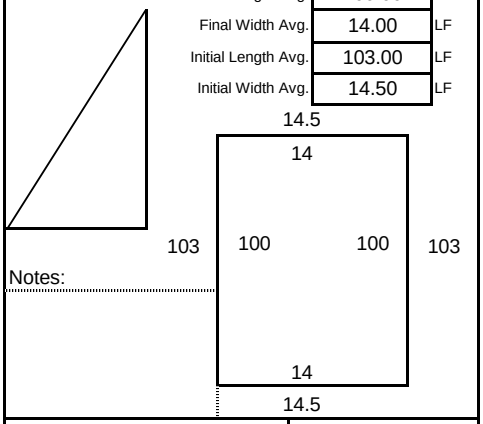
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-785	G15E386309	112.00 LF	14.00 LF	114.00 LF	14.50 LF	1,653	1,568	
D-786	G15E386309	38.00 LF	14.00 LF	39.00 LF	14.50 LF	566	532	
D-787	G15E386321	100.00 LF	14.00 LF	103.00 LF	14.50 LF	1,494	1,400	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:







Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**3,500**	**SF**
Total Pay Area This Page	**3,500**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	749,376	SF
Total Panel SF To Date	752,876	SF
Total Pay Area To Date Including Anchor Trench	**759,605**	
Initial Quantity Previous	797,179	SF
Initial Quantity This Page	3,712	SF
Initial Quantity To Date	800,891	SF

Daily Panel Placement **Page** 112

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF
D-788	G15E384210	28.00 LF	14.00 LF	28.00 LF	14.50 LF		406	392
D-789	G15E384210	28.00 LF	14.00 LF	29.00 LF	14.50 LF		421	392
D-790	G15E384210	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406
D-791	G15E384210	29.00 LF	14.00 LF	30.00 LF	14.50 LF		435	406
D-792	G15E384210	29.00 LF	14.00 LF	29.00 LF	14.50 LF		421	406
D-793	G15E384210	13.00 LF	14.00 LF	14.00 LF	14.50 LF		203	182
D-794	G15E386303	16.00 LF	14.00 LF	17.00 LF	14.50 LF		247	224
D-795	G15E384219	157.00 LF	13.50 LF	158.00 LF	14.50 LF		2,291	2,120

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**4,528**	SF
Total Pay Area This Page	**4,528**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	752,876	SF
Total Panel SF To Date	757,404	SF
Total Pay Area To Date Including Anchor Trench	**764,133**	
Initial Quantity Previous	800,891	SF
Initial Quantity This Page	4,843	SF
Initial Quantity To Date	805,734	SF

Daily Panel Placement **Page** 113

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-796	Roll # G15E386314		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 157 157 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,198	

Panel # D-797	Roll # G15E386313		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 159 157 157 159 / 14 / 14.5

Notes:

Initial SF	2,306	Lineal Feet Trench
Final SF	2,198	

Panel # D-798	Roll # G15E384218		
Final Length Avg.	154.00	LF	
Final Width Avg.	13.50	LF	
Initial Length Avg.	155.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 13.5 / 155 154 154 155 / 13.5 / 14.5

Notes:

Initial SF	2,248	Lineal Feet Trench
Final SF	2,079	

Panel # D-799	Roll # G15E384221		
Final Length Avg.	154.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	155.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 155 154 154 155 / 14 / 14.5

Notes:

Initial SF	2,248	Lineal Feet Trench
Final SF	2,156	

Panel # D-800	Roll # G15E386310		
Final Length Avg.	155.00	LF	
Final Width Avg.	13.50	LF	
Initial Length Avg.	157.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 13.5 / 157 155 155 157 / 13.5 / 14.5

Notes:

Initial SF	2,277	Lineal Feet Trench
Final SF	2,093	

Panel # D-801	Roll # G15E384217		
Final Length Avg.	110.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	111.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 111 110 110 111 / 14 / 14.5

Notes:

Initial SF	1,610	Lineal Feet Trench
Final SF	1,540	

Panel # D-802	Roll # G15E384217		
Final Length Avg.	42.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	21.50	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 43 42 43 / 14 / 14.5

Notes:

Initial SF	312	Lineal Feet Trench
Final SF	595	

Panel # D-803	Roll # G15E386302		
Final Length Avg.	70.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	72.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 72 70 70 72 / 14 / 14.5

Notes:

Initial SF	1,044	Lineal Feet Trench
Final SF	980	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**13,839**	**SF**
Total Pay Area This Page	**13,839**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	757,404	SF
Total Panel SF To Date	771,242	SF
Total Pay Area To Date Including Anchor Trench	**777,971**	
Initial Quantity Previous	805,734	SF
Initial Quantity This Page	14,333	SF
Initial Quantity To Date	820,067	SF

Daily Panel Placement **Page** 114

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/14/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-804	Roll # G15E386302		
Final Length Avg.	82.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	458.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	6,641	Lineal Feet Trench	
Final SF	1,148		

14.5 / 14 / 833 / 82 / 82 / 83 / 14 / 14.5

Notes:

Panel # D-805	Roll # G15E386304		
Final Length Avg.	34.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	35.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	508	Lineal Feet Trench	
Final SF	476		

14.5 / 14 / 35 / 34 / 34 / 35 / 14 / 14.5

Notes:

Panel # D-806	Roll # G15E386304		
Final Length Avg.	118.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	120.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,740	Lineal Feet Trench	
Final SF	1,652		

14.5 / 14 / 120 / 118 / 118 / 120 / 14 / 14.5

Notes:

Panel # D-807	Roll # G15E384223		
Final Length Avg.	80.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	82.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	1,189	Lineal Feet Trench	
Final SF	1,120		

14.5 / 14 / 82 / 80 / 80 / 82 / 14 / 14.5

Notes:

Panel # D-808	Roll # G15E384223		
Final Length Avg.	57.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	58.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	841	Lineal Feet Trench	
Final SF	798		

14.5 / 14 / 58 / 57 / 57 / 58 / 14 / 14.5

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	
Initial SF	-	Lineal Feet Trench	
Final SF	-		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**5,194**	**SF**
Total Pay Area This Page	**5,194**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	771,242	SF
Total Panel SF To Date	776,436	SF
Total Pay Area To Date Including Anchor Trench	**783,165**	
Initial Quantity Previous	820,067	SF
Initial Quantity This Page	10,919	SF
Initial Quantity To Date	830,985	SF

Daily Panel Placement **Page** 115

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-809	Roll # G15E386303		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 25 | 25 | 26 | 26 | 14 | 14.5

Notes:

Initial SF	377	Lineal Feet Trench
Final SF	350	

Panel # D-810	Roll # G15E386303		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 25 | 25 | 25 | 25 | 14 | 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	350	

Panel # D-811	Roll # G15E386303		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 25 | 25 | 25 | 25 | 14 | 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	350	

Panel # D-812	Roll # G15E386303		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 24 | 24 | 25 | 25 | 14 | 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	336	

Panel # D-813	Roll # G15E386303		
Final Length Avg.	24.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 24 | 24 | 25 | 25 | 14 | 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	336	

Panel # D-814	Roll # G15E386303		
Final Length Avg.	18.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	19.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 18 | 18 | 19 | 19 | 14 | 14.5

Notes:
OFFSET PANEL

Initial SF	276	Lineal Feet Trench
Final SF	252	

Panel # D-815	Roll # G15E385259		
Final Length Avg.	6.00	LF	
Final Width Avg.	6.00	LF	
Initial Length Avg.	6.00	LF	
Initial Width Avg.	7.00	LF	

7 | 6 | 6 | 6 | 6 | 6 | 6 | 7

Notes:
OFFSET PANEL

Initial SF	42	Lineal Feet Trench
Final SF	36	

Panel # D-816	Roll # G15E385259		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 25 | 25 | 25 | 25 | 14 | 14.5

Notes:

Initial SF	363	Lineal Feet Trench
Final SF	350	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,360**	SF
Total Pay Area This Page	**2,360**	SF
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	776,436	SF
Total Panel SF To Date	778,796	SF
Total Pay Area To Date Including Anchor Trench	**785,525**	
Initial Quantity Previous	830,985	SF
Initial Quantity This Page	2,507	SF
Initial Quantity To Date	833,492	SF

Daily Panel Placement **Page** 116

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-817	Roll # G15E385259		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	363	Lineal Feet Trench	
Final SF	350		

14.5 / 14 / 25 / 25 / 25 / 25 / 14 / 14.5

Notes:

Panel # D-818	Roll # G15E385259		
Final Length Avg.	25.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	25.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	363	Lineal Feet Trench	
Final SF	350		

14.5 / 14 / 25 / 25 / 25 / 25 / 14 / 14.5

Notes:

Panel # D-819	Roll # G15E386321		
Final Length Avg.	67.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	68.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	986	Lineal Feet Trench	
Final SF	938		

14.5 / 14 / 68 / 67 / 67 / 68 / 14 / 14.5

Notes:

Panel # D-820	Roll # G15E385263		
Final Length Avg.	146.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	148.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,146	Lineal Feet Trench	
Final SF	2,044		

14.5 / 14 / 148 / 146 / 146 / 148 / 14 / 14.5

Notes:

Panel # D-821	Roll # G15E385267		
Final Length Avg.	155.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	157.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,277	Lineal Feet Trench	
Final SF	2,170		

14.5 / 14 / 157 / 155 / 155 / 157 / 14 / 14.5

Notes:

Panel # D-822	Roll # G15E385261		
Final Length Avg.	155.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	156.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,262	Lineal Feet Trench	
Final SF	2,170		

14.5 / 14 / 156 / 155 / 155 / 156 / 14 / 14.5

Notes:

Panel # D-823	Roll # G15E384246		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,291	Lineal Feet Trench	
Final SF	2,184		

14.5 / 14 / 158 / 156 / 156 / 158 / 14 / 14.5

Notes:

Panel # D-824	Roll # G15E384247		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 159 / 157 / 157 / 159 / 14 / 14.5

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**12,404**	**SF**
Total Pay Area This Page	**12,404**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	778,796	SF
Total Panel SF To Date	791,200	SF
Total Pay Area To Date Including Anchor Trench	**797,929**	
Initial Quantity Previous	833,492	SF
Initial Quantity This Page	12,992	SF
Initial Quantity To Date	846,484	SF

Daily Panel Placement **Page** 117

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-825	Roll # G15E385253		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 159 / 157 / 157 / 159 / 14 / 14.5

Notes:

Initial SF	2,306	Lineal Feet Trench
Final SF	2,198	

Panel # D-826	Roll # G15E385273		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 156 / 156 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,184	

Panel # D-827	Roll # G15E384241		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 156 / 156 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,184	

Panel # D-828	Roll # G15E385269		
Final Length Avg.	52.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	54.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 54 / 52 / 52 / 54 / 14 / 14.5

Notes:

Initial SF	783	Lineal Feet Trench
Final SF	728	

Panel # D-829	Roll # G15E385269		
Final Length Avg.	41.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	42.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 42 / 41 / 41 / 42 / 14 / 14.5

Notes:

Initial SF	609	Lineal Feet Trench
Final SF	574	

Panel # D-830	Roll # G15E385269		
Final Length Avg.	38.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	39.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 39 / 38 / 38 / 39 / 14 / 14.5

Notes:

Initial SF	566	Lineal Feet Trench
Final SF	532	

Panel # D-831	Roll # G15E385259		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	31.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 31 / 30 / 30 / 31 / 14 / 14.5

Notes:

Initial SF	450	Lineal Feet Trench
Final SF	420	

Panel # D-832	Roll # G15E385259		
Final Length Avg.	20.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	21.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 21 / 20 / 20 / 21 / 14 / 14.5

Notes:

Initial SF	305	Lineal Feet Trench
Final SF	280	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**9,100**	**SF**
Total Pay Area This Page	**9,100**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	791,200	SF
Total Panel SF To Date	800,300	SF
Total Pay Area To Date Including Anchor Trench	**807,029**	
Initial Quantity Previous	846,484	SF
Initial Quantity This Page	9,599	SF
Initial Quantity To Date	856,083	SF

Daily Panel Placement **Page** 118

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/15/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-833	G15E384223					85	70	
D-834	G15E384223					73	63	
						-	-	
						-	-	
						-	-	
						-	-	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**63**	**SF**
Total Pay Area This Page	**63**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,923	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	800,300	SF
Total Panel SF To Date	800,363	SF
Total Pay Area To Date Including Anchor Trench	**807,092**	
Initial Quantity Previous	856,083	SF
Initial Quantity This Page	150	SF
Initial Quantity To Date	856,233	SF

Daily Panel Placement **Page** 119

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-835	Roll # G15E385260		
Final Length Avg.	7.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	160	Lineal Feet Trench	
Final SF	98	14	

14.5 / 14 / 11 / 7 / 7 / 11 / 14 / 14.5

Notes:

Panel # D-836	Roll # G15E385260		
Final Length Avg.	7.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	160	Lineal Feet Trench	
Final SF	98	14	

14.5 / 14 / 11 / 7 / 7 / 11 / 14 / 14.5

Notes:

Panel # D-837	Roll # G15E385260		
Final Length Avg.	7.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	160	Lineal Feet Trench	
Final SF	98	14	

14.5 / 14 / 11 / 7 / 7 / 11 / 14 / 14.5

Notes:

Panel # D-838	Roll # G15E384245		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 159 / 157 / 157 / 159 / 14 / 14.5

Notes:

Panel # D-839	Roll # G15E385270		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,212		

14.5 / 14 / 159 / 158 / 158 / 159 / 14 / 14.5

Notes:

Panel # D-840	Roll # G15E391022		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	159.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	2,306	Lineal Feet Trench	
Final SF	2,198		

14.5 / 14 / 159 / 157 / 157 / 159 / 14 / 14.5

Notes:

Panel # D-841	Roll # G15E385260		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	174	Lineal Feet Trench	
Final SF	112	14	

14.5 / 14 / 12 / 8 / 8 / 12 / 14 / 14.5

Notes:

Panel # D-842	Roll # G15E391065		
Final Length Avg.	61.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	63.00	LF	
Initial Width Avg.	4.50	LF	
Initial SF	284	Lineal Feet Trench	
Final SF	244		

4.5 / 4 / 63 / 61 / 61 / 63 / 4 / 4.5

Notes:
OFFSET PANEL

Material in Anchor Trench		
Total LF In Trench This Page	56.00	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**7,258**	**SF**
Total Pay Area This Page	**7,258**	**SF**
LF In Trench Previous	1,923	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	800,363	SF
Total Panel SF To Date	807,621	SF
Total Pay Area To Date Including Anchor Trench	**814,350**	
Initial Quantity Previous	856,233	SF
Initial Quantity This Page	7,853	SF
Initial Quantity To Date	864,085	SF

Daily Panel Placement **Page** 120

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-843	Roll # G15E387441		
Final Length Avg.	46.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	4.50	LF	

4.5 / 4 / 48 / 46 / 46 / 48 / 4 / 4.5

Notes: OFFSET PANEL

Initial SF	216	Lineal Feet Trench
Final SF	184	

Panel # D-844	Roll # G15E386303		
Final Length Avg.	58.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	60.00	LF	
Initial Width Avg.	4.50	LF	

4.5 / 4 / 60 / 58 / 58 / 60 / 4 / 4.5

Notes: OFFSET PANEL

Initial SF	270	Lineal Feet Trench
Final SF	232	

Panel # D-845	Roll # G15E385260		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 / 8 / 8 / 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	112	

Panel # D-846	Roll # G15E385260		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 12 / 8 / 8 / 12 / 14 / 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	112	

Panel # D-847	Roll # G15E384225		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench
Final SF	2,198	

Panel # D-848	Roll # G15E385250		
Final Length Avg.	131.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	132.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 132 / 131 / 131 / 132 / 14 / 14.5

Notes:

Initial SF	1,914	Lineal Feet Trench
Final SF	1,834	

Panel # D-849	Roll # G15E385266		
Final Length Avg.	80.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	82.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 82 / 80 / 80 / 82 / 14 / 14.5

Notes:

Initial SF	1,189	Lineal Feet Trench
Final SF	1,120	

Panel # D-850	Roll # G15E385266		
Final Length Avg.	74.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	75.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 75 / 74 / 74 / 75 / 14 / 14.5

Notes:

Initial SF	1,088	Lineal Feet Trench
Final SF	1,036	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**6,828**	SF
Total Pay Area This Page	**6,828**	SF
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	807,621	SF
Total Panel SF To Date	814,449	SF
Total Pay Area To Date Including Anchor Trench	**821,178**	
Initial Quantity Previous	864,085	SF
Initial Quantity This Page	7,316	SF
Initial Quantity To Date	871,401	SF

Daily Panel Placement **Page** 121

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel # D-851	Roll # G15E384243		
Final Length Avg.	9.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	10.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 10 / 9 / 9 / 10 / 14 / 14.5

Notes:

Initial SF	145	Lineal Feet Trench	
Final SF	126		

Panel # D-852	Roll # G15E384243		
Final Length Avg.	77.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	78.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 78 / 77 / 77 / 78 / 14 / 14.5

Notes:

Initial SF	1,131	Lineal Feet Trench	
Final SF	1,078		

Panel # D-853	Roll # G15E384236		
Final Length Avg.	25.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	26.00	LF	
Initial Width Avg.	4.50	LF	

4.5 / 4 / 26 / 25 / 25 / 26 / 4 / 4.5

Notes:
OFFSET PANEL

Initial SF	117	Lineal Feet Trench	
Final SF	100		

Panel # D-854	Roll # G15E384243		
Final Length Avg.	65.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	67.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 67 / 65 / 65 / 67 / 14 / 14.5

Notes:

Initial SF	972	Lineal Feet Trench	
Final SF	910		

Panel # D-855	Roll # G15E385259		
Final Length Avg.	17.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	18.00	LF	
Initial Width Avg.	4.50	LF	

4.5 / 4 / 18 / 17 / 17 / 18 / 4 / 4.5

Notes:

Initial SF	81	Lineal Feet Trench	
Final SF	68		

Panel # D-856	Roll # G15E385259		
Final Length Avg.	16.00	LF	
Final Width Avg.	4.00	LF	
Initial Length Avg.	18.00	LF	
Initial Width Avg.	4.50	LF	

4.5 / 4 / 18 / 16 / 16 / 18 / 4 / 4.5

Notes:

Initial SF	81	Lineal Feet Trench	
Final SF	64		

Panel # D-857	Roll # G15E385268		
Final Length Avg.	12.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	14.00	LF	
Initial Width Avg.	14.45	LF	

14.4 / 14 / 14 / 12 / 12 / 14 / 14 / 14.5

Notes:

Initial SF	202	Lineal Feet Trench	
Final SF	168		

Panel # D-858	Roll # G15E385268		
Final Length Avg.	8.00	LF	
Final Width Avg.	5.00	LF	
Initial Length Avg.	9.00	LF	
Initial Width Avg.	6.00	LF	

6 / 5 / 9 / 8 / 8 / 9 / 5 / 6

Notes:
OFFSET PANEL

Initial SF	54	Lineal Feet Trench	
Final SF	40		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,554**	SF
Total Pay Area This Page	**2,554**	SF
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	814,449	SF
Total Panel SF To Date	817,003	SF
Total Pay Area To Date Including Anchor Trench	**823,732**	
Initial Quantity Previous	871,401	SF
Initial Quantity This Page	2,783	SF
Initial Quantity To Date	874,184	SF

Daily Panel Placement **Page** 122

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/20/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-859	G15E385268	112.00 LF	14.00 LF	114.00 LF	14.50 LF	1,653	1,568	
						-	-	
						-	-	
						-	-	
						-	-	
						-	-	

Notes: 14.5 / 14 / 114 / 112 / 112 / 114 / 14 / 14.5

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,568**	**SF**
Total Pay Area This Page	**1,568**	**SF**
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	817,003	SF
Total Panel SF To Date	818,571	SF
Total Pay Area To Date Including Anchor Trench	**825,300**	
Initial Quantity Previous	874,184	SF
Initial Quantity This Page	1,653	SF
Initial Quantity To Date	875,837	SF

Daily Panel Placement **Page** 123

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-860	G15E385279	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-861	G15E385279	25.00 LF	14.00 LF	26.00 LF	14.50 LF		377	350	
D-862	G15E385279	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-863	G15E385279	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-864	G15E385279	25.00 LF	14.00 LF	26.00 LF	14.50 LF		377	350	
D-865	G15E385279	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-866	G15E385278	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-867	G15E384242	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**4,648**	SF
Total Pay Area This Page	**4,648**	SF
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	818,571	SF
Total Panel SF To Date	823,219	SF
Total Pay Area To Date Including Anchor Trench	**829,948**	
Initial Quantity Previous	875,837	SF
Initial Quantity This Page	4,872	SF
Initial Quantity To Date	880,709	SF

Daily Panel Placement **Page** 124

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-868	G15E391019	155.00 LF	14.00 LF	157.00 LF	14.50 LF		2,277	2,170	
D-869	G15E386308	156.00 LF	14.00 LF	157.00 LF	14.50 LF		2,277	2,184	
D-870	G15E385265	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-871	G15E384244	136.00 LF	14.00 LF	138.00 LF	14.50 LF		2,001	1,904	
D-872	G15E384244	21.00 LF	14.00 LF	23.00 LF	14.50 LF		334	294	
D-873	G15E385271	106.00 LF	14.00 LF	106.00 LF	14.50 LF		1,537	1,484	
D-874	G15E385271	50.00 LF	14.00 LF	52.00 LF	14.50 LF		754	700	
D-875	G15E391024	69.00 LF	14.00 LF	71.00 LF	14.50 LF		1,030	966	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench		LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**11,900**	**SF**
Total Pay Area This Page	**11,900**	**SF**
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	823,219	SF
Total Panel SF To Date	835,119	SF
Total Pay Area To Date Including Anchor Trench	**841,848**	
Initial Quantity Previous	880,709	SF
Initial Quantity This Page	12,499	SF
Initial Quantity To Date	893,208	SF

Daily Panel Placement **Page** 125

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/22/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-876	G15E391024	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
D-877	G15E385278	25.00 LF	14.00 LF	26.00 LF	14.50 LF		377	350	
D-878	G15E385278	25.00 LF	14.00 LF	25.00 LF	14.50 LF		363	350	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,050**	**SF**
Total Pay Area This Page	**1,050**	**SF**
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	835,119	SF
Total Panel SF To Date	836,169	SF
Total Pay Area To Date Including Anchor Trench	**842,898**	
Initial Quantity Previous	893,208	SF
Initial Quantity This Page	1,102	SF
Initial Quantity To Date	894,310	SF

Daily Panel Placement **Page** 126

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-879	Roll # G15E385278		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-880	Roll # G15E385278		
Final Length Avg.	28.00	LF	
password	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	435	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-881	Roll # G15E385278		
Final Length Avg.	7.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	7.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	102	Lineal Feet Trench	
Final SF	98		

Notes:

Panel # D-882	Roll # G15G385280		
Final Length Avg.	21.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	22.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	319	Lineal Feet Trench	
Final SF	294		

Notes:

Panel # D-883	Roll # G15G385280		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-884	Roll # G15E385280		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	28.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	406	Lineal Feet Trench	
Final SF	392		

Notes:

Panel # D-885	Roll # G15E385280		
Final Length Avg.	29.00	LF	
Final Width Avg.	2.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	2.50	LF	
Initial SF	73	Lineal Feet Trench	
Final SF	58		

Notes:

Panel # D-886	Roll # G15E385280		
Final Length Avg.	29.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	
Initial SF	421	Lineal Feet Trench	
Final SF	406		

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**2,424**	SF
Total Pay Area This Page	**2,424**	SF
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	836,169	SF
Total Panel SF To Date	838,593	SF
Total Pay Area To Date Including Anchor Trench	**845,322**	
Initial Quantity Previous	894,310	SF
Initial Quantity This Page	2,567	SF
Initial Quantity To Date	896,877	SF

Daily Panel Placement **Page** 127

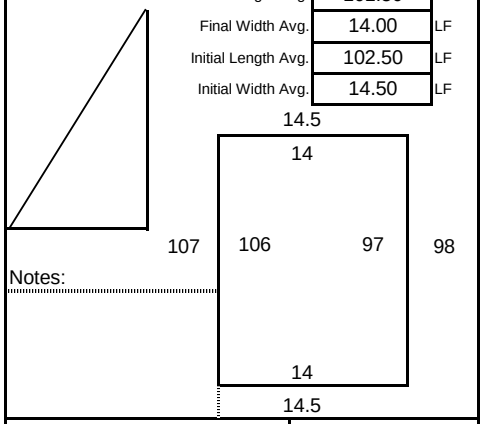
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-887	G15E391036	101.50 LF	14.00 LF	102.50 LF	14.50 LF		1,486	1,421	
D-888	G15E391036	52.50 LF	14.00 LF	54.00 LF	14.50 LF		783	735	
D-889	G15E385290	40.00 LF	14.00 LF	41.00 LF	14.50 LF		595	560	
D-890	G15E385290	40.00 LF	14.00 LF	40.00 LF	14.50 LF		580	560	
D-891	G15E385290	41.00 LF	14.00 LF	42.00 LF	14.50 LF		609	574	
D-892	G15E385290	26.00 LF	14.00 LF	27.00 LF	14.50 LF		392	364	
D-893	G15E385280	39.00 LF	14.00 LF	40.00 LF	14.50 LF		580	546	
D-894	G15E391012	18.00 LF	14.00 LF	19.00 LF	14.50 LF		276	252	



Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**5,012**	SF
Total Pay Area This Page	**5,012**	SF
LF In Trench Previous	1,979	LF
LF In Trench To Date	1,979	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,729	SF
Total Panel SF Previous	838,593	SF
Total Panel SF To Date	843,605	SF
Total Pay Area To Date Including Anchor Trench	**850,334**	
Initial Quantity Previous	896,877	SF
Initial Quantity This Page	5,300	SF
Initial Quantity To Date	902,176	SF

Daily Panel Placement **Page** 128

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-895	G15E391012	53.00 LF	14.00 LF	54.00 LF	14.50 LF	783	742	14
D-896	G15E391012	42.00 LF	14.00 LF	44.00 LF	14.50 LF	638	588	
D-897	G15E391012	11.00 LF	14.00 LF	15.00 LF	14.50 LF	218	154	4
D-898	G15E391012	10.00 LF	14.00 LF	14.00 LF	14.50 LF	203	140	
D-899	G15E385264	36.00 LF	14.00 LF	38.00 LF	14.50 LF	551	504	
D-900	G15E385264	29.00 LF	14.00 LF	30.00 LF	14.50 LF	435	406	
D-901	G15E385264	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	112	
D-902	G15E385264	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	112	

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	46.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**161**	**SF**
Total Panel SF This Page	**2,758**	**SF**
Total Pay Area This Page	**2,919**	**SF**
LF In Trench Previous	1,979	LF
LF In Trench To Date	2,025	LF
SF In Trench Previous	6,729	SF
Total SF in Trench to Date	6,890	SF
Total Panel SF Previous	843,605	SF
Total Panel SF To Date	846,363	SF
Total Pay Area To Date Including Anchor Trench	**853,253**	
Initial Quantity Previous	902,176	SF
Initial Quantity This Page	3,176	SF
Initial Quantity To Date	905,352	SF

Daily Panel Placement **Page** 129

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-903	Roll # G15E385264		
Final Length Avg.	30.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	32.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 32 | 30 | 30 | 32 | 14 | 14.5

Notes:

Initial SF	464	Lineal Feet Trench
Final SF	420	

Panel # D-904	Roll # G15E386297		
Final Length Avg.	10.50	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	11.50	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 18 | 17 | 4 | 5 | 14 | 14.5

Notes:

Initial SF	167	Lineal Feet Trench
Final SF	147	

Panel # D-905	Roll # G15E386297		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 48 | 47 | 47 | 48 | 14 | 14.5

Notes:

Initial SF	696	Lineal Feet Trench
Final SF	658	

Panel # D-906	Roll # G15E386297		
Final Length Avg.	63.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	65.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 65 | 63 | 63 | 65 | 14 | 14.5

Notes:

Initial SF	943	Lineal Feet Trench
Final SF	882	

Panel # D-907	Roll # G15E385264		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

14 | 15 | 3 | 4

Notes:

Initial SF	30	Lineal Feet Trench
Final SF	21	

Panel # D-908	Roll # G15E386297		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 12 | 8 | 8 | 12 | 14 | 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	112	14

Panel # D-909	Roll # G15E385275		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 12 | 8 | 8 | 12 | 14 | 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	112	

Panel # D-910	Roll # G15E385265		
Final Length Avg.	8.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	12.00	LF	
Initial Width Avg.	14.50	LF	

14.5 | 14 | 12 | 8 | 8 | 12 | 14 | 14.5

Notes:

Initial SF	174	Lineal Feet Trench
Final SF	112	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**2,464**	**SF**
Total Pay Area This Page	**2,513**	**SF**
LF In Trench Previous	2,025	LF
LF In Trench To Date	2,039	LF
SF In Trench Previous	6,890	SF
Total SF in Trench to Date	6,939	SF
Total Panel SF Previous	846,363	SF
Total Panel SF To Date	848,827	SF
Total Pay Area To Date Including Anchor Trench	**855,766**	
Initial Quantity Previous	905,352	SF
Initial Quantity This Page	2,821	SF
Initial Quantity To Date	908,173	SF

Daily Panel Placement **Page** 130

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/23/16

Superintendent: Ali Malimar **Material Type:** GDL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-911	G15E385275	8.00 LF	14.00 LF	12.00 LF	14.50 LF	14.5 / 14 / 12 8 8 12 / 14 / 14.5	174	112	14
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	
		LF	LF	LF	LF		-	-	

Material in Anchor Trench		
Total LF In Trench This Page	14.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**49**	**SF**
Total Panel SF This Page	**112**	**SF**
Total Pay Area This Page	**161**	**SF**
LF In Trench Previous	2,039	LF
LF In Trench To Date	2,053	LF
SF In Trench Previous	6,939	SF
Total SF in Trench to Date	6,988	SF
Total Panel SF Previous	848,827	SF
Total Panel SF To Date	848,939	SF
Total Pay Area To Date Including Anchor Trench	**855,927**	
Initial Quantity Previous	908,173	SF
Initial Quantity This Page	174	SF
Initial Quantity To Date	908,347	SF

Daily Panel Placement **Page** 131

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes	Initial SF	Lineal Feet Trench	Final SF	Lineal Feet Trench
D-912	G15E385275	8.00 LF	6.00 LF	12.00 LF	7.00 LF	OFFSET PANEL	84		48	6
D-913	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-914	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-915	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-916	G15E391026	8.00 LF	14.00 LF	13.00 LF	14.50 LF		189		112	14
D-917	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-918	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-919	G15E391026	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14

Material in Anchor Trench		
Total LF In Trench This Page	104.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**364**	**SF**
Total Panel SF This Page	**832**	**SF**
Total Pay Area This Page	**1,196**	**SF**
LF In Trench Previous	2,053	LF
LF In Trench To Date	2,157	LF
SF In Trench Previous	6,988	SF
Total SF in Trench to Date	7,352	SF
Total Panel SF Previous	848,939	SF
Total Panel SF To Date	849,771	SF
Total Pay Area To Date Including Anchor Trench	**857,123**	
Initial Quantity Previous	908,347	SF
Initial Quantity This Page	1,317	SF
Initial Quantity To Date	909,664	SF

Daily Panel Placement **Page** 132

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-920	G15E391026	8.00 LF	6.00 LF	12.00 LF	7.00 LF	84	48	
D-921	G15E385275	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	112	14
D-922	G15E391026	8.00 LF	14.00 LF	13.00 LF	14.50 LF	189	112	14
D-923	G15E391026	48.00 LF	14.00 LF	49.00 LF	14.50 LF	711	672	
D-924	G15E385276	43.00 LF	14.00 LF	44.00 LF	14.50 LF	638	602	
D-925	G15E385276	111.00 LF	14.00 LF	113.00 LF	14.50 LF	1,639	1,554	
D-926	G15E385276					72	63	
D-927	G15E391010	134.50 LF	14.00 LF	135.50 LF	14.50 LF	1,965	1,883	

Notes: OFFSET PANEL

Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**5,046**	**SF**
Total Pay Area This Page	**5,144**	**SF**
LF In Trench Previous	2,157	LF
LF In Trench To Date	2,185	LF
SF In Trench Previous	7,352	SF
Total SF in Trench to Date	7,450	SF
Total Panel SF Previous	849,771	SF
Total Panel SF To Date	854,817	SF
Total Pay Area To Date Including Anchor Trench	**862,267**	
Initial Quantity Previous	909,664	SF
Initial Quantity This Page	5,470	SF
Initial Quantity To Date	915,133	SF

Daily Panel Placement **Page** 133

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

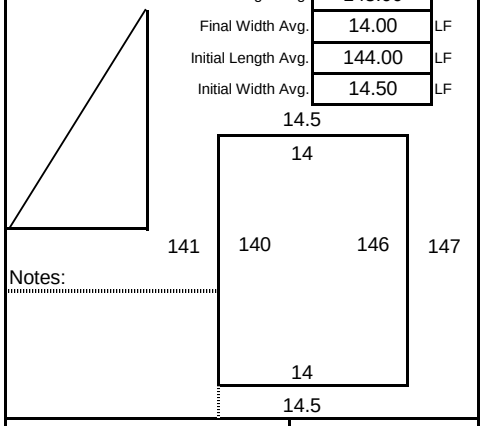
Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

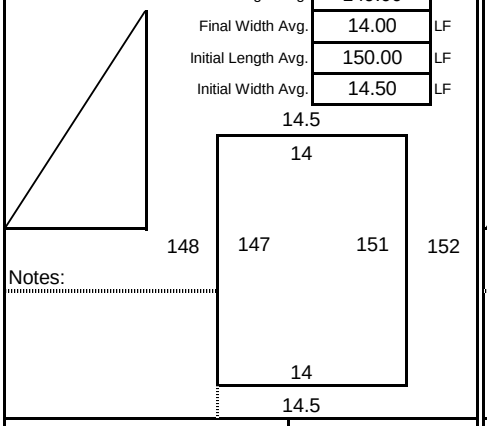
Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
D-928	G15E391007	143.00 LF	14.00 LF	144.00 LF	14.50 LF	2,088	2,002
D-929	G15E391035	149.00 LF	14.00 LF	150.00 LF	14.50 LF	2,175	2,086
D-930	G15E391027	151.00 LF	14.00 LF	152.00 LF	14.50 LF	2,204	2,114
D-931	G15E391032	154.00 LF	14.00 LF	155.00 LF	14.50 LF	2,248	2,156
D-932	G15E391028	155.00 LF	14.00 LF	156.00 LF	14.50 LF	2,262	2,170
D-933	G15E391025	156.00 LF	14.00 LF	158.00 LF	14.50 LF	2,291	2,184
D-934	G15E391017	19.00 LF	14.00 LF	19.50 LF	14.50 LF	283	266
D-935	G15E391017	33.50 LF	14.00 LF	35.00 LF	14.50 LF	508	469

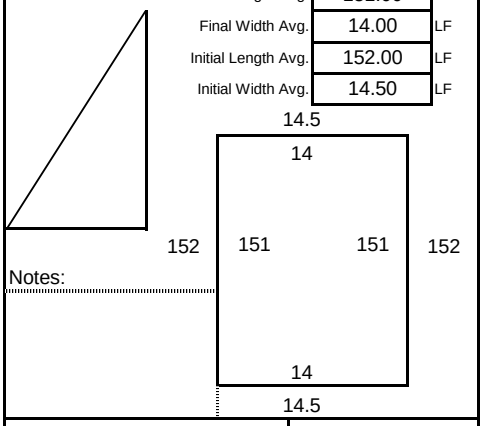
Lineal Feet Trench



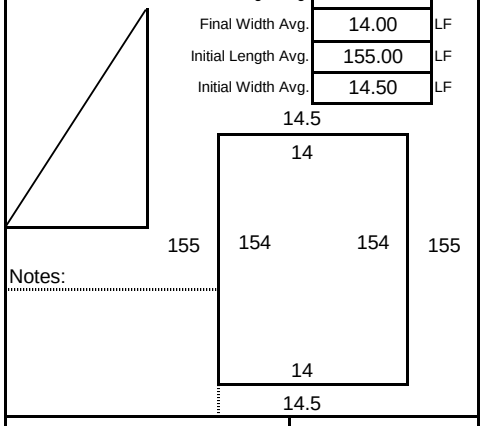
Notes:



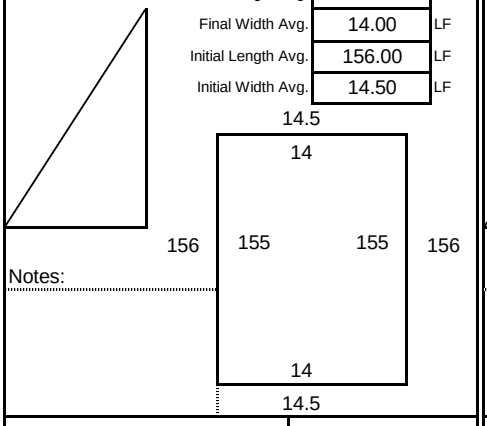
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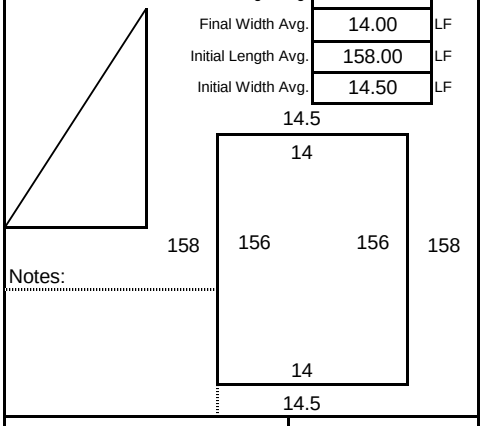
Notes:



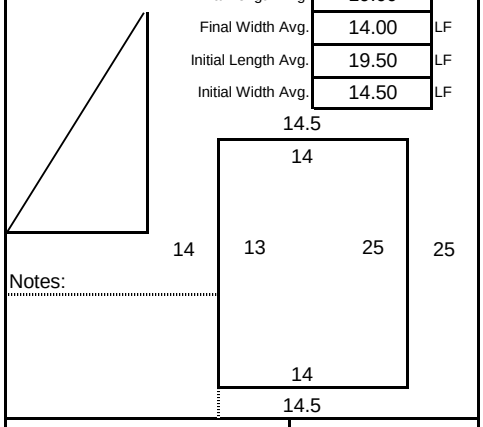
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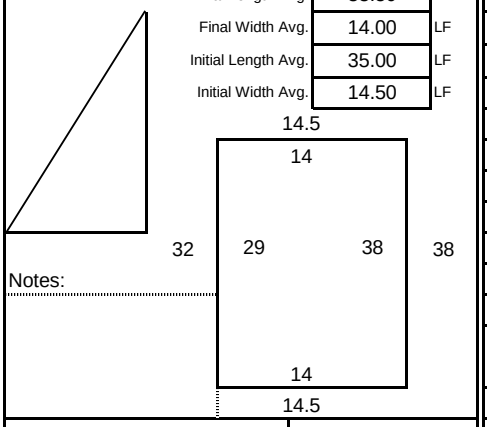
Notes:



Notes:



Notes:



Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**13,447**	SF
Total Pay Area This Page	**13,447**	SF
LF In Trench Previous	2,185	LF
LF In Trench To Date	2,185	LF
SF In Trench Previous	7,450	SF
Total SF in Trench to Date	7,450	SF
Total Panel SF Previous	854,817	SF
Total Panel SF To Date	868,264	SF
Total Pay Area To Date Including Anchor Trench	**875,714**	
Initial Quantity Previous	915,133	SF
Initial Quantity This Page	14,058	SF
Initial Quantity To Date	929,191	SF

Daily Panel Placement **Page** 134

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/25/16

Superintendent: Ali Malimar **Material Type:** GDL

☐ **Primary** **Secondary** ☐ **Cell** ☐ **Pond** ☐ **Cap** ☒ **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-936	G15E391017	34.00 LF	14.00 LF	35.00 LF	14.50 LF	508	476	
D-937	G15E391017	44.00 LF	14.00 LF	45.00 LF	14.50 LF	653	616	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	
		LF	LF	LF	LF	-	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**1,092**	**SF**
Total Pay Area This Page	**1,092**	**SF**
LF In Trench Previous	2,185	LF
LF In Trench To Date	2,185	LF
SF In Trench Previous	7,450	SF
Total SF in Trench to Date	7,450	SF
Total Panel SF Previous	868,264	SF
Total Panel SF To Date	869,356	SF
Total Pay Area To Date Including Anchor Trench	**876,806**	
Initial Quantity Previous	929,191	SF
Initial Quantity This Page	1,160	SF
Initial Quantity To Date	930,351	SF

Daily Panel Placement **Page** 135

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF	Lineal Feet Trench
D-938	G15E391021	152.00 LF	14.00 LF	153.00 LF	14.50 LF	2,219	2,128	
D-939	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF	189	126	14
D-940	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF	189	126	14
D-941	G15E385289	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	112	14
D-942	G15E385289	8.50 LF	14.00 LF	12.50 LF	14.50 LF	181	119	14
D-943	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF	189	126	14
D-944	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF	189	126	14
D-945	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF	189	126	14

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	98.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**343**	**SF**
Total Panel SF This Page	**2,989**	**SF**
Total Pay Area This Page	**3,332**	**SF**
LF In Trench Previous	2,185	LF
LF In Trench To Date	2,283	LF
SF In Trench Previous	7,450	SF
Total SF in Trench to Date	7,793	SF
Total Panel SF Previous	869,356	SF
Total Panel SF To Date	872,345	SF
Total Pay Area To Date Including Anchor Trench	**880,138**	
Initial Quantity Previous	930,351	SF
Initial Quantity This Page	3,516	SF
Initial Quantity To Date	933,867	SF

Daily Panel Placement **Page** 136

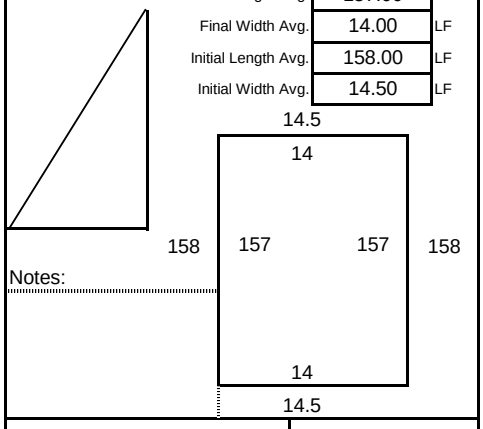
Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

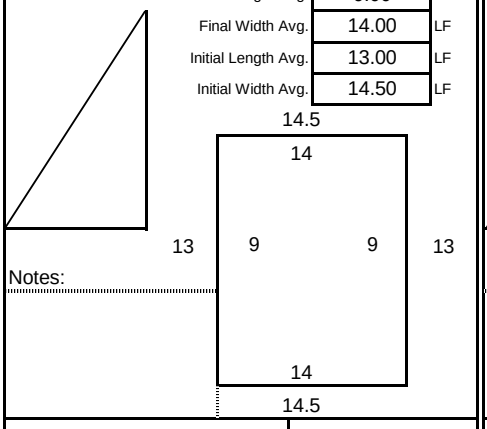
Superintendent: Ali Malimar **Material Type:** GDL

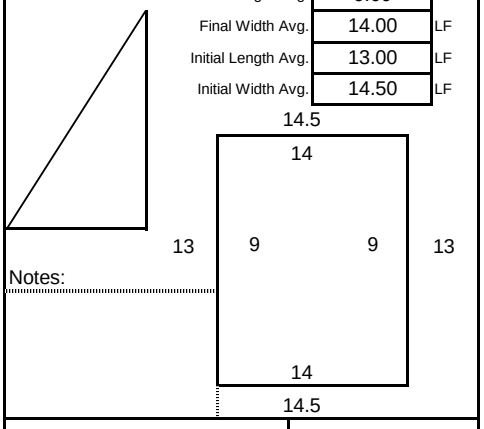
[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

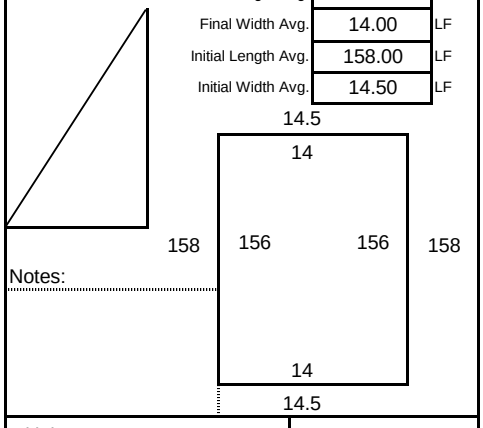
Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

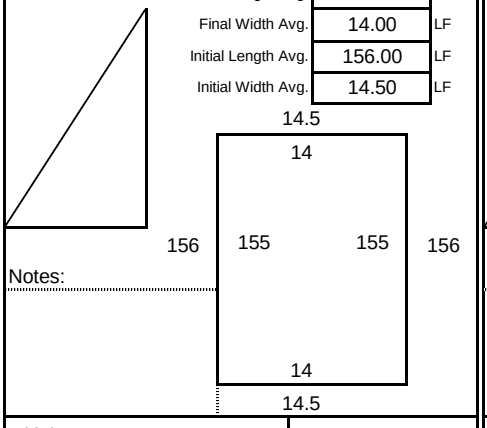
Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-946	G15E216353	157.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,198	
D-947	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF		189	126	14
D-948	G15E385289	9.00 LF	14.00 LF	13.00 LF	14.50 LF		189	126	14
D-949	G15E385286	156.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,184	
D-950	G15E391013	155.00 LF	14.00 LF	156.00 LF	14.50 LF		2,262	2,170	
D-951	G15E391030	156.00 LF	14.00 LF	157.00 LF	14.50 LF		2,277	2,184	
D-952	G15E391020	156.00 LF	14.00 LF	158.00 LF	14.50 LF		2,291	2,184	
D-953	G15E385288	58.00 LF	14.00 LF	59.00 LF	14.50 LF		856	812	

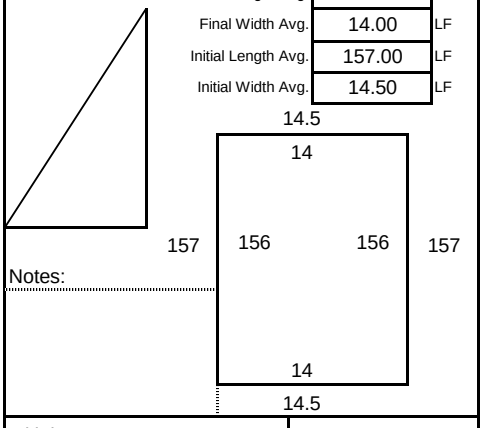


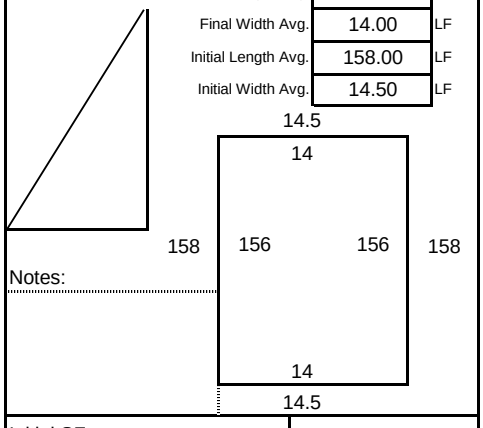


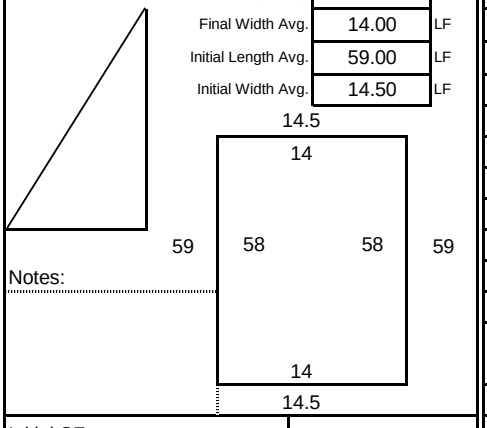












Material in Anchor Trench		
Total LF In Trench This Page	28.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**98**	**SF**
Total Panel SF This Page	**11,984**	**SF**
Total Pay Area This Page	**12,082**	**SF**
LF In Trench Previous	2,283	LF
LF In Trench To Date	2,311	LF
SF In Trench Previous	7,793	SF
Total SF in Trench to Date	7,891	SF
Total Panel SF Previous	872,345	SF
Total Panel SF To Date	884,329	SF
Total Pay Area To Date Including Anchor Trench	**892,220**	
Initial Quantity Previous	933,867	SF
Initial Quantity This Page	12,644	SF
Initial Quantity To Date	946,511	SF

Daily Panel Placement **Page** 137

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-954	Roll # G15E385288		
Final Length Avg.	50.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	51.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 51 / 50 / 50 / 51 / 14 / 14.5

Notes:

Initial SF	740	Lineal Feet Trench	
Final SF	700		

Panel # D-955	Roll # G15E385288		
Final Length Avg.	44.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	45.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 45 / 44 / 44 / 45 / 14 / 14.5

Notes:

Initial SF	653	Lineal Feet Trench	
Final SF	616		

Panel # D-956	Roll # G15E391013		
Final Length Avg.	156.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	157.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 157 / 156 / 156 / 157 / 14 / 14.5

Notes:

Initial SF	2,277	Lineal Feet Trench	
Final SF	2,184		

Panel # D-957	Roll # G15E391014		
Final Length Avg.	157.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	158.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 158 / 157 / 157 / 158 / 14 / 14.5

Notes:

Initial SF	2,291	Lineal Feet Trench	
Final SF	2,198		

Panel # D-958	Roll # G15E391011		
Final Length Avg.	158.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	160.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 160 / 158 / 158 / 160 / 14 / 14.5

Notes:

Initial SF	2,320	Lineal Feet Trench	
Final SF	2,212		

Panel # D-959	Roll # G15E391034		
Final Length Avg.	78.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	79.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 79 / 78 / 78 / 79 / 14 / 14.5

Notes:

Initial SF	1,146	Lineal Feet Trench	
Final SF	1,092		

Panel # D-960	Roll # G15E391034		
Final Length Avg.	72.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	74.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 74 / 72 / 72 / 74 / 14 / 14.5

Notes:

Initial SF	1,073	Lineal Feet Trench	
Final SF	1,008		

Panel # D-961	Roll # G15E391034		
Final Length Avg.	5.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	6.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 6 / 5 / 5 / 6 / 14 / 14.5

Notes:

Initial SF	87	Lineal Feet Trench	
Final SF	70		

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**-**	**SF**
Total Panel SF This Page	**10,080**	**SF**
Total Pay Area This Page	**10,080**	**SF**
LF In Trench Previous	2,311	LF
LF In Trench To Date	2,311	LF
SF In Trench Previous	7,891	SF
Total SF in Trench to Date	7,891	SF
Total Panel SF Previous	884,329	SF
Total Panel SF To Date	894,409	SF
Total Pay Area To Date Including Anchor Trench	**902,300**	
Initial Quantity Previous	946,511	SF
Initial Quantity This Page	10,585	SF
Initial Quantity To Date	957,096	SF

Daily Panel Placement **Page** 138

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/26/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel # D-962	Roll # G15E386294		
Final Length Avg.	66.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	67.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 67 / 66 / 66 / 67 / 14 / 14.5

Notes:

Initial SF	972	Lineal Feet Trench
Final SF	924	

Panel # D-963	Roll # G15E386294		
Final Length Avg.	59.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	60.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 60 / 59 / 59 / 60 / 14 / 14.5

Notes:

Initial SF	870	Lineal Feet Trench
Final SF	826	

Panel # D-964	Roll # G15E386294		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	29.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 29 / 28 / 28 / 29 / 14 / 14.5

Notes:

Initial SF	421	Lineal Feet Trench
Final SF	392	

Panel # D-965	Roll # G15E391009		
Final Length Avg.	28.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	30.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 30 / 28 / 28 / 30 / 14 / 14.5

Notes:

Initial SF	435	Lineal Feet Trench
Final SF	392	

Panel # D-966	Roll # G15E391009		
Final Length Avg.	47.00	LF	
Final Width Avg.	14.00	LF	
Initial Length Avg.	48.00	LF	
Initial Width Avg.	14.50	LF	

14.5 / 14 / 48 / 47 / 47 / 48 / 14 / 14.5

Notes:

Initial SF	696	Lineal Feet Trench
Final SF	658	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Panel #	Roll #		
Final Length Avg.		LF	
Final Width Avg.		LF	
Initial Length Avg.		LF	
Initial Width Avg.		LF	

Notes:

Initial SF	-	Lineal Feet Trench
Final SF	-	

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**3,192**	SF
Total Pay Area This Page	**3,192**	SF
LF In Trench Previous	2,311	LF
LF In Trench To Date	2,311	LF
SF In Trench Previous	7,891	SF
Total SF in Trench to Date	7,891	SF
Total Panel SF Previous	894,409	SF
Total Panel SF To Date	897,601	SF
Total Pay Area To Date Including Anchor Trench	**905,492**	
Initial Quantity Previous	957,096	SF
Initial Quantity This Page	3,393	SF
Initial Quantity To Date	960,489	SF

Daily Panel Placement **Page** 139

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Lineal Feet Trench	Final SF	Lineal Feet Trench
D-967	G15E391009	8.00 LF	14.00 LF	13.00 LF	14.50 LF		189		112	14
D-968	G15E391009	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-969	G15E391009	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14
D-970	G15E391009	8.00 LF	14.00 LF	14.00 LF	14.50 LF		203		112	14
D-971	G15E391009	8.00 LF	6.00 LF	12.00 LF	7.00 LF	OFFSET	84		48	6
D-972	G15E391009	8.00 LF	14.00 LF	12.50 LF	14.50 LF		181		112	14
D-973	G15E385262	8.00 LF	14.00 LF	13.00 LF	14.50 LF		189		112	14
D-974	G15E385262	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174		112	14

Material in Anchor Trench		
Total LF In Trench This Page	104.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**364**	**SF**
Total Panel SF This Page	**832**	**SF**
Total Pay Area This Page	**1,196**	**SF**
LF In Trench Previous	2,311	LF
LF In Trench To Date	2,415	LF
SF In Trench Previous	7,891	SF
Total SF in Trench to Date	8,255	SF
Total Panel SF Previous	897,601	SF
Total Panel SF To Date	898,433	SF
Total Pay Area To Date Including Anchor Trench	**906,688**	
Initial Quantity Previous	960,489	SF
Initial Quantity This Page	1,367	SF
Initial Quantity To Date	961,857	SF

Daily Panel Placement **Page** 140

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Lineal Feet Trench	Final SF	Lineal Feet Trench
D-975	G15E385262	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-976	G15E385262	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-977	G15E385262	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-978	G15E385262	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-979	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-980	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-981	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF	174	14	112	14
D-982	G15E385277	8.00 LF	14.00 LF	13.00 LF	14.50 LF	189	14	112	14

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	112.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**392**	**SF**
Total Panel SF This Page	**784**	**SF**
Total Pay Area This Page	**1,176**	**SF**
LF In Trench Previous	2,415	LF
LF In Trench To Date	2,527	LF
SF In Trench Previous	8,255	SF
Total SF in Trench to Date	8,647	SF
Total Panel SF Previous	898,433	SF
Total Panel SF To Date	899,217	SF
Total Pay Area To Date Including Anchor Trench	**907,864**	
Initial Quantity Previous	961,857	SF
Initial Quantity This Page	1,233	SF
Initial Quantity To Date	963,089	SF

Daily Panel Placement **Page** 141

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Notes:	Initial SF	Final SF	Lineal Feet Trench
D-983	G15E385277	8.00 LF	14.00 LF	13.00 LF	14.50 LF		189	112	14
D-984	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174	112	14
D-985	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174	112	14
D-986	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174	112	14
D-987	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174	112	14
D-988	G15E385277	8.00 LF	14.00 LF	12.00 LF	14.50 LF		174	112	14
D-989	G15E385285	156.00 LF	14.00 LF	157.00 LF	14.50 LF		2,277	2,184	
D-990	G15E385291	157.00 LF	14.00 LF	159.00 LF	14.50 LF		2,306	2,198	

Material in Anchor Trench		
Total LF In Trench This Page	84.00	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	**294**	**SF**
Total Panel SF This Page	**5,054**	**SF**
Total Pay Area This Page	**5,348**	**SF**
LF In Trench Previous	2,527	LF
LF In Trench To Date	2,611	LF
SF In Trench Previous	8,647	SF
Total SF in Trench to Date	8,941	SF
Total Panel SF Previous	899,217	SF
Total Panel SF To Date	904,271	SF
Total Pay Area To Date Including Anchor Trench	**913,212**	
Initial Quantity Previous	963,089	SF
Initial Quantity This Page	5,641	SF
Initial Quantity To Date	968,730	SF

Daily Panel Placement **Page** 142

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
D-991	G15E391031	158.00 LF	14.00 LF	159.00 LF	14.50 LF	2,306	2,212
D-992	G15E391023	112.00 LF	14.00 LF	114.00 LF	14.50 LF	1,653	1,568
D-993	G15E385282	94.00 LF	14.00 LF	95.00 LF	14.50 LF	1,378	1,316
D-994	G15E391028	40.00 LF	14.00 LF	42.00 LF	14.50 LF	609	560
D-995	G15E385282	57.00 LF	14.00 LF	60.00 LF	14.50 LF	870	798
D-996	G15E385284	82.00 LF	14.00 LF	84.00 LF	14.50 LF	1,218	1,148
D-997	G15E385284	66.00 LF	14.00 LF	68.00 LF	14.50 LF	986	924
D-998	G15E385281	101.00 LF	14.00 LF	102.00 LF	14.50 LF	1,479	1,414

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**9,940**	SF
Total Pay Area This Page	**9,940**	SF
LF In Trench Previous	2,611	LF
LF In Trench To Date	2,611	LF
SF In Trench Previous	8,941	SF
Total SF in Trench to Date	8,941	SF
Total Panel SF Previous	904,271	SF
Total Panel SF To Date	914,211	SF
Total Pay Area To Date Including Anchor Trench	**923,152**	
Initial Quantity Previous	968,730	SF
Initial Quantity This Page	10,498	SF
Initial Quantity To Date	979,228	SF

Daily Panel Placement **Page** 143

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description (i.e. Phase #, Cell #, Pond # etc.) **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
D-999	G15E385281	61.00 LF	14.00 LF	63.00 LF	14.50 LF	914	854
D-1000	G15E385292	74.00 LF	14.00 LF	75.00 LF	14.50 LF	1,088	1,036
D-1001	G15E385292	72.00 LF	14.00 LF	74.00 LF	8.00 LF	592	1,008
D-1002	G15E385288	126.00 LF	14.00 LF	128.00 LF	14.50 LF	1,856	1,764
D-1003	G15E385288	13.00 LF	14.00 LF	14.00 LF	14.50 LF	203	182
D-1004	G15E386293	105.00 LF	14.00 LF	106.00 LF	14.50 LF	1,537	1,470
D-1005	G15E386293	52.00 LF	12.50 LF	55.00 LF	14.50 LF	798	650
D-1006	G15E385254	5.00 LF	14.00 LF	6.00 LF	14.50 LF	87	70

Notes:

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**7,034**	SF
Total Pay Area This Page	**7,034**	SF
LF In Trench Previous	2,611	LF
LF In Trench To Date	2,611	LF
SF In Trench Previous	8,941	SF
Total SF in Trench to Date	8,941	SF
Total Panel SF Previous	914,211	SF
Total Panel SF To Date	921,245	SF
Total Pay Area To Date Including Anchor Trench	**930,186**	
Initial Quantity Previous	979,228	SF
Initial Quantity This Page	7,074	SF
Initial Quantity To Date	986,301	SF

Daily Panel Placement **Page** 144

Project Name: Savannah River Site D-Area **Job #** 14-08-1356 **Deployment Date** 07/27/16

Superintendent: Ali Malimar **Material Type:** GDL

[ ] **Primary** **Secondary** [ ] **Cell** [ ] **Pond** [ ] **Cap** [X] **Other:**

Description **(i.e. Phase #, Cell #, Pond # etc.)** **Roll Stock Width**

Panel #	Roll #	Final Length Avg.	Final Width Avg.	Initial Length Avg.	Initial Width Avg.	Initial SF	Final SF
D-1007	G15E385254	81.00 LF	14.00 LF	82.00 LF	14.50 LF	1,189	1,134
D-1008	G15E385254	44.00 LF	14.00 LF	45.00 LF	14.50 LF	653	616
D-1009	G15E385283	54.00 LF	14.00 LF	58.00 LF	14.50 LF	841	756
D-1010	G15E385283	26.00 LF	14.00 LF	27.00 LF	14.50 LF	392	364
D-1011	G15E385283	20.00 LF	14.00 LF	21.00 LF	14.50 LF	305	280
D-1012	G15E385283	22.00 LF	14.00 LF	23.00 LF	14.50 LF	334	308

Notes:

Lineal Feet Trench

Material in Anchor Trench		
Total LF In Trench This Page	-	LF
Depth and Width Allowed in Trench	3.5	LF
Total SF Trench This Page	-	SF
Total Panel SF This Page	**3,458**	SF
Total Pay Area This Page	**3,458**	SF
LF In Trench Previous	2,611	LF
LF In Trench To Date	2,611	LF
SF In Trench Previous	8,941	SF
Total SF in Trench to Date	8,941	SF
Total Panel SF Previous	921,245	SF
Total Panel SF To Date	924,703	SF
Total Pay Area To Date Including Anchor Trench	**933,644**	
Initial Quantity Previous	986,301	SF
Initial Quantity This Page	3,712	SF
Initial Quantity To Date	990,013	SF

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

SAVANNAH RIVER SITE ASH BASIN CLOSURE
ESI PROJECT NUMBER: 14-08-1356

GDL REPAIR LOG

QC INSPECTOR: LYSSA TRAN
SUPT: ALI MALIMAR

PAGE 1 OF 2

REPAIR #	DATE	PANEL #	ROLL #	REPAIR SIZE	LOCATION
RD-1	5/4/2016	D-9	G15E391057	3X5	5'E OF D-4/9 & 9'N
RD-2	5/5/2016	D-13	G15E393202	2X2	4'W OF D-1/13 & 7'N
RD-3	5/5/2016	D-15	G15E387417	2X2	4'W OF D-15/17 & 4'S
RD-4	5/5/2016	D-19	G15E393168	2X4	3'W OF D-17/19 & 7'N
RD-5	5/5/2016	D-21	G15E386366	2X4	5'W OF D-19/21 & 8'N
RD-6	5/5/2016	D-23	G15E391040	2X4	7'N OF D-14/23 & 5'E
RD-7	5/5/2016	D-25	G15E387394	3X3	10'E OF D-24/25 & 7'N
RD-8	5/5/2016	D-27	G15E393227	2X2	9'N OF D-22/27 & 6'E
RD-9	5/5/2016	D-27	G15E393227	2X2	9'N 0F D-22/27 & 13'E
RD-10	5/5/2016	D-26	G15E387380	2X2	10'E OF D-26/27 & 5'S
RD-11	5/6/2016	D-28	G15E391052	3X3	7'E OF D-21/28 & 8'N
RD-12	5/6/2016	D-30	G15E387390	4X10	7'E OF D-30/32 & 7'N
RD-13	5/6/2016	D-34	G15E386338	2X2	7'E OF D-32/35 & 10'N
RD-14	5/6/2016	D-35	G15E386338	2X2.5	5'E OF D-32/35 & 10'N
RD-15	5/9/2016	D-50	G15E386322	2X2	5'E OF D-50/51 & 7'N
RD-16	5/10/2016	D-62	G15E387445	4X5	3'W OF D-60/62 & 7'S
RD-17	5/11/2016	D-87	G15E387449	5X6	6'N OF D-87/88 & 10'W
RD-18	5/11/2016	D-89	G15E387437	4X5	2'N OF D-89/90 & 7'W
RD-19	5/11/2016	D-90	G15E387425	4X5	4'N OF D-90/91 & 5'W
RD-20	5/11/2016	D-91	G15E398426	2X4	4'N OF D-91/92 & 7'W
RD-21	5/11/2016	D-92	G15E391005	6X6	4'N OF D-92/93 & 7'W
RD-22	5/11/2016	D-95	G15E387441	2.5X4	5'N OF D-95/96 & 1'W
RD-23	5/11/2016	D-93	G15E387443	4X5	5'N 0F D-93/95 & 10'W
RD-24	5/11/2016	D-97	G15E387419	3X3	5'N OFD-97/101 & 10'W
RD-25	5/12/2016	D-122	G15E391039	2X4	10'N OF D-120/122 & 5'E
RD-26	5/25/2016	D-141	G15E393203	2X2	5'N OF D-141/142 & 7'W
RD-27	5/25/2016	D-161	G15E387428	2X4	10'S OF D-159/161 & 5'E
RD-28	5/26/2016	D-174	G15E391048	2X4	4'N OF D-173/174 & 7'E
RD-29	5/26/2016	D-175	G15E391058	2X4	4'N OF D-174/175 & 7'E
RD-30	5/26/2016	D-176	G15E391043	2X3	5'N OF D-175/176 & 7'E
RD-31	5/26/2016	D-173	G15E391003	2X3	5'N OF D-173/174 7'W
RD-32	6/2/2016	D-191	G15E391062	3X3	4'S OF D-189/191 & 5'E
RD-33	6/2/2016	D-191	G15E391062	2X2	4'S OF D-189/191 & 8'E
RD-34	6/2/2016	D-193	G15E391044	3X4	4'S OF D-191/193 & 5'E
RD-35	6/2/2016	D-202	G15E387408	2X5	7'N OF D-202/203 & 7'W
RD-36	6/2/2016	D-202	G15E387408	2X23(TRIANGLE)	EXT. ON EASTSIDE OF D-202
RD-37	6/2/2016	D-219	G15E387401	2X58(TRIANGLE)	EXT. ON WESTSIDE OF D-219
RD-38	6/4/2016	D-254	G15E392121	2X10(TRIANGLE)	EXT. ON NEOS

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, INC.

SAVANNAH RIVER SITE ASH BASIN CLOSURE
ESI PROJECT NUMBER: 14-08-1356

GDL REPAIR LOG

QC INSPECTOR: LYSSA TRAN
SUPT: ALI MALIMAR

PAGE 2 OF 2

REPAIR #	DATE	PANEL #	ROLL #	REPAIR SIZE	LOCATION
RD-39	6/4/2016	D-267	G15E393197	5X80(TRIANGLE)	NEOP TO 80'S (EXT.)
RD-40	6/4/2016	D-271	G15E393204	2X2	6'S OF D-269/271 & 7'E
RD-41	6/16/2016	D-408	G15E392088	3X3	7'S OF D-408/413 & 8'E
RD-42	6/17/2016	D-439	G15E392091	3X3	5'S OF D-439/441 & 7'E
RD-43	6/21/2016	D-23	G15E391040	3X3	26'W OF D-23/24 4'N
RD-44	6/23/2016	D-521	G15E392151	2X31	EXT. ON WESTSIDE OF D-521
RD-45	6/23/2016	D-523	G15E393178	3X77	EXT. ON WESTSIDE OF D-523
RD-46	6/27/2016	D-609	G15E393214	3X3	6'N 0F D-608/609 & 6'E
RD-47	6/27/2016	D-611	G15E393231	4X5	4'S OF D-599/611 & 7'E
RD-48	7/11/2016	D-707	G15E386327	2X10	5'S OF D-706/707 & 7'E
RD-49	7/11/2016	D-723	G15E387434	2X5	15'N OF D-721/723 & 7'E
RD-50	7/11/2016	D-726	G15E391037	2X2	5'S OF D-724/725 & 7'E
RD-51	7/12/2016	D-736	G15E386326	2X4	7'S OF D-735/736 & 4'E
RD-52	7/12/2016	D-736	G15E386326	2X3	14'S OF D-735/736 & 4'E
RD-53	7/12/2016	D-736	G15E386326	2X6	5'S OF D-735/736 & 10'E
RD-54	7/12/2016	D-737	G15E386312	3X3	5'S OF D-736/737 & 7'E
RD-55	7/13/2016	D-771	G15E384235	2X2	13'S OF D-771/772 & 3'W
RD-56	7/15/2016	D-824	G15E384247	2X3	5'S OF D-824/825 & 5'W
RD-57	7/15/2016	D-824	G15E384247	2X2	8'S OF D-824/825 & 7'W
RD-58	7/15/2016	D-824	G15E384247	2X2	12'S OF D-824/825 & 7'W
RD-59	7/15/2016	D-826	G15E385273	2X5	6'S OF D-826/827 & 6'W
RD-60	7/20/2016	D-835	G15E385260	2X2	5'S OF D-835/836 & 7'E
RD-61	7/20/2016	D-847	G15E384225	2X2	10'N OF D-847/848 3'E
RD-62	7/20/2016	D-849	G15E385266	2X10	10'N OF D-378/849 10'W
RD-63	7/20/2016	D-849	G15E385266	2X10	33'N OF D-378/849 & 10'W
RD-64	7/22/2016	D-868	G15E391019	2X2	6'S OF D-867/868 & 7'E
RD-65	7/22/2016	D-870	G15E385265	2X2	5'S OF D-869/870 & 8'E
RD-66	7/22/2016	D-870	G15E385265	2X2	12'S OF D-869/870 & 8'E
RD-67	7/23/2016	D-904	G15E386297	2X2	3'W OF D-904/905 & 9'N
RD-68	7/25/2016	D-929	G15E391035	4X5	EXTENSION WEOS
RD-69	7/26/2016	D-938	G15E391021	2X2	4'E OF D-938/946 8'S
RD-70	7/26/2016	D-953	G15E385288	2X3	15'W OF D-953/954 & 6'N
RD-71	7/26/2016	D-953	G15E385288	2X4	23'W OF D-953/954 & 6'N
RD-72	7/26/2016	D-953	G15E385288	2X4	30'W OF D-953/954 & 6'N

Environmental Specialties International Inc.

Repair Report

Project Name Savannah River Site - Ash Basin Closure
Job # : 14-08-1356
Superintendent: Ali Malimar
Material Type: GDL - AGRU 300-2-6
Primary [ ] **Pond** [ ]
Job Description: SRS Ash Basin Closure
Secondary [ ] **Cell** [ ]
Reported by : Lyssa Tran
Cap [X]
Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GDL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
1531	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
1414.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)	Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RD-1	DO	N/A	D-9	5' E OF D-4/9 & 9' N	P	3 x 5	N/A	5/4/16	N/A				
RD-2	DO		D-13	4'W OF D-1/13 & 7'N	P	2 x 2		5/5/16					
RD-3	DO		D-15	4' W OF D-15/17 & 4' S	P	2 x 2		5/5/16					
RD-4	DO		D-19	3' W OF D-17/19 & 7' N	P	2 x 4		5/5/16					
RD-5	DO		D-21	5' W OF D-19/21 & 8' N	P	2 x 4		5/5/16					
RD-6	DO		D-23	7' N OF D-14/23 & 5' E	P	2 x 4		5/5/16					
RD-7	DO		D-25	10' E OF D-24/25 & 7'N	P	3 x 3		5/5/16					
RD-8	DO		D-27	9' N OF D-22/27 & 6' E	P	2 x 2		5/5/16					
RD-9	DO		D-27	9' N OF D-22/27 & 13' E	P	2 x 2		5/5/16					
RD-10	DO		D-26	10' E OF D-26/27 & 5' S	P	2 x 2		5/5/16					
RD-11	DO		D-28	7'E OF D-21/28 & 8'N	P	3 x 3		5/6/16					
RD-12	DO		D-30	7' E OF D-30/32 & 7'N	P	4 x 10		5/6/16					
RD-13	DO		D-34	7' E OF D-32/35 &10' N	P	2 x 2		5/6/16					
RD-14	DO		D-35	5' E OF D-32/35 & 10' N	P	2 x 3		5/6/16					
RD-15	DO		D-50	5' E OF D-50/51 & 7 ' N	P	2 x 2		5/9/16					
RD-16	DO		D-62	3' W OF D-60/62 & 7'S	P	4 x 5		5/10/16					
RD-17	DO		D-87	6' N OF D-87/88 & 10' W	P	5 x 6		5/11/16					
RD-18	DO		D-89	2' N OF D-89/90 & 7' W	P	4 x 5		5/11/16					
RD-19	DO		D-90	4' N OF D-90/91 & 5' W	P	4 x 5		5/11/16					
RD-20	DO		D-91	4' N OF D-91/92 & 7' W	P	2 x 4		5/11/16					

Envirocon Field Engineer: Raymond Scott Niles

Environmental Specialties International Inc.

Repair Report

Project Name Savannah River Site - Ash Basin Closure **Job # :** 14-08-1356 **Superintendent:** Ali Malimar

Material Type: GDL - AGRU 300-2-6 **Primary** [ ] **Pond** [ ]

Job Description: SRS Ash Basin Closure **Secondary** [ ] **Cell** [ ]

Reported by : Lyssa Tran **Cap** [X]

Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GDL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
1531	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
1414.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)			Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RD-21	DO		D-92	4' N OF D-92/93 & 7' W	P	6	x	6		5/11/16					
RD-22	DO		D-95	5' N OF D-95/96 & 1' W	P	3	x	4		5/11/16					
RD-23	DO		D-93	5' N OF D-93/95 & 10' W	P	4	x	5		5/11/16					
RD-24	DO		D-97	5' N OF D-97 / 101 & 10' W	P	3	x	3		5/11/16					
RD-25	DO		D-122	10' N OF D-120/122 & 5' E	P	2	x	4		5/12/16					
RD-26	DO		D-141	5' N OF D-141/142 & 7' W	P	2	x	2		5/25/16					
RD-27	DO		D-161	10' S OF D-159/161 & 5' E	P	2	x	4		5/25/16					
RD-28	DO		D-174	4' N OF D-173/174 & 7' E	P	2	x	4		5/26/16					
RD-29	DO	N/A	D-175	4' N OF D-174/175 & 7' E	P	2	x	4	N/A	5/26/16					
RD-30	DO		D-176	5' N OF D-175/176 & 7' E	P	2	x	3		5/26/16					
RD-31	DO		D-173	5' N OF D-173/174 & 7' W	P	2	x	3		5/26/16					
RD-32	DO		D-191	4' S OF D-189/191 & 5'E	P	3	x	3		6/2/16					
RD-33	DO		D-191	4' S OF D-189/191 & 8'E	P	2	x	2		6/2/16					
RD-34	DO		D-193	4' S OF D-191/193 & 5' E	P	3	x	4		6/2/16					
RD-35	DO		D-202	7' N OF D-202/203 & 7' W	P	2	x	5		6/2/16					
RD-36	DO		D-202	EXT. ON EAST SIDE OF D-202	P	2	x	23		6/2/16					
RD-37	DO		D-219	EXT. ON WEST SIDE OF D-219	P	2	x	58		6/2/16					
RD-38	DO		D-254	EXT. ON NEOS	P	2	x	10		6/4/16					
RD-39	DO		D-267	NEOP TO 80' S (EXT)	P	5	x	80		6/4/16					
RD-40	DO		D-271	6'S OF D-269/271 & 7'E	P	2	x	2		6/4/16					

N/A

Envirocon Field Engineer: Raymond Earl Miles

Environmental Specialties International Inc.

Repair Report

Project Name Savannah River Site - Ash Basin Closure **Job # :** 14-08-1356 **Superintendent:** Ali Malimar

Material Type: GDL - AGRU 300-2-6 **Primary** [ ] **Pond** [ ]

Job Description: SRS Ash Basin Closure **Secondary** [ ] **Cell** [ ]

Reported by : Lyssa Tran **Cap** [X]

Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GDL repairs performed.

Damage Codes

CR --Crease	FS --Failed Seam	MatD --Material Defect	LL --Lost Lap	CF --Custom Fit
DS --Destruct Sample	WR --Wrinkle	WS --Welder Restart	MD --Mechanical Damage	PB --Pipe Boot
SI --Subgrade Irregularity	AV --Airvent	RW --Roller Wrinkle	DO --Damage By Others	BO --Burn Out
SJ --Seam Joint	AO --Add On	CS --Concrete Structure		AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
1531	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
1414.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)			Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RD-41	DO		D-408	7'S OF D-408/413 & 8'E	P	3	x	3		6/16/16					
RD-42	DO		D-439	5'S OF D-439/441 & 7'E	P	3	x	3		6/17/16					
RD-43	DO		D-23	26'W OF D-23/24 4'N	P	3	x	3		6/21/16					
RD-44	DO		D-521	EXT. ON WESTSIDE OF D-521	P	2	x	31		6/23/16					
RD-45	DO		D-523	EXT. ON WESTSIDE OF D-523	P	3	x	77		6/23/16					
RD-46	DO		D-609	6'N 0F D-608/609 & 6'E	P	3	x	3		6/27/16					
RD-47	DO		D-611	4'S OF D-599/611 & 7'E	P	4	x	5		6/27/16					
RD-48	DO		D-707	5'S OF D-706/707 & 7'E	P	2	x	10		7/11/16					
RD-49	DO	N/A	D-723	15'N OF D-721/723 & 7'E	P	2	x	5	N/A	7/11/16					
RD-50	DO		D-726	5'S OF D-724/725 & 7'E	P	2	x	2		7/11/16					
RD-51	DO		D-736	7'S OF D-735/736 & 4'E	P	2	x	4		7/12/16					
RD-52	DO		D-736	14'S OF D-735/736 & 4'E	P	2	x	3		7/12/16					
RD-53	DO		D-736	5'S OF D-735/736 & 10'E	P	2	x	6		7/12/16					
RD-54	DO		D-737	5'S OF D-736/737 & 7'E	P	3	x	3		7/12/16					
RD-55	DO		D-771	13'S OF D-771/772 & 3'W	P	2	x	2		7/13/16					
RD-56	DO		D-824	5'S OF D-824/825 & 5'W	P	2	x	3		7/15/16					
RD-57	DO		D-824	8'S OF D-824/825 & 7'W	P	2	x	2		7/15/16					
RD-58	DO		D-824	12'S OF D-824/825 & 7'W	P	2	x	2		7/15/16					
RD-59	DO		D-826	6'S OF D-826/827 & 6'W	P	2	x	5		7/15/16					
RD-60	DO		D-835	5'S OF D-835/836 & 7'E	P	2	x	2		7/20/16					

N/A

Envirocon Field Engineer: Raymond Scott Tibbs

Environmental Specialties International Inc.

Repair Report

Project Name Savannah River Site - Ash Basin Closure **Job # :** 14-08-1356 **Superintendent:** Ali Malimar

Material Type: GDL - AGRU 300-2-6 **Primary** [ ] **Pond** [ ]

Job Description: SRS Ash Basin Closure **Secondary** [ ] **Cell** [ ]

Reported by : Lyssa Tran **Cap** [X]

Other:

N/A - This is a generic form, utilized for documenting typical liner repairs. As such, the columns below are not applicable due to the type of GDL repairs performed.

Damage Codes

CR --Crease; FS --Failed Seam; MatD --Material Defect; LL --Lost Lap; CF --Custom Fit

DS --Destruct Sample; WR --Wrinkle; WS --Welder Restart; MD --Mechanical Damage; PB --Pipe Boot

SI --Subgrade Irregularity; AV --Airvent; RW --Roller Wrinkle; DO --Damage By Others; BO --Burn Out

SJ --Seam Joint; AO --Add On; CS --Concrete Structure; AT -Air Test

SF Patch Material	Test Type	Abbrv.	Repair Types
1531	Vacuum	*S=South	C--Cap Strip
	Air Pressure	*N=North	P--Patch
LF Welded	Spark	*W=West	B--Extrusion Bead
1414.00	Air Lance	*E=East	

Repair Number	Damage Code	Seam Number	Panel Number	Location	Repair Type	Patch (Feet)			Bead (Inches)	Date	Operator Name	Machine Number	Test Type	Test Results	Date Complete
RD-61	DO		D-847	10'N OF D-847/848 3'E	P	2	x	2		7/20/16					
RD-62	DO		D-849	10'N OF D-378/849 10'W	P	2	x	10		7/20/16					
RD-63	DO		D-849	33'N OF D-378/849 & 10'W	P	2	x	10		7/20/16					
RD-64	DO		D-868	6'S OF D-867/868 & 7'E	P	2	x	2		7/22/16					
RD-65	DO		D-870	5'S OF D-869/870 & 8'E	P	2	x	2		7/22/16					
RD-66	DO		D-870	12'S OF D-869/870 & 8'E	P	2	x	2		7/22/16					
RD-67	DO		D-904	3'W OF D-904/905 & 9'N	P	2	x	2		7/23/16					
RD-68	DO		D-929	EXTENSION WEOS	P	4	x	5		7/25/16					
RD-69	DO		D-938	4'E OF D-938/946 8'S	P	2	x	2		7/26/16					
RD-70	DO		D-953	15'W OF D-953/954 & 6'N	P	2	x	3		7/26/16					
RD-71	DO		D-953	23'W OF D-953/954 & 6'N	P	2	x	4		7/26/16					
RD-72	DO		D-953	30'W OF D-953/954 & 6'N	P	2	x	4		7/26/16					
RD-73							x								
RD-74							x								
RD-75							x								
RD-76							x								
RD-77							x								
RD-78							x								
RD-79							x								
RD-80							x								

N/A (Seam Number) N/A (Panel Number) N/A (Location) N/A (Repair Type) N/A (Patch (Feet)) N/A (Bead (Inches)) N/A (Operator Name)

Envirocon Field Engineer: Raymond Scott Rike

WE 5/4/16 ✓

E-MAILED 5/2/16 Trip/Draw

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Cloudy TEMP.: (AM) 61 (PM) 81 RAINFALL (inches) _____

Day Number 1 Date 4/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All Good.

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting, Byron (safety) going over TSP, JHAS-to AHAS. set up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work	M		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	2	21
QC	1	10.5
Technicians	1	10.5
Totals	6	63

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TAC

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) p. cloudy TEMP.: (AM) 65 (PM) 86 RAINFALL (inches) _____

Day Number 2 Date 4/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: staging materials (GDL & GCL) on top of 4D Cap

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	2	21
QC	1	10.5
Technicians	2	21
Totals	7	73.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TR

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Overcast (PM) Cloudy TEMP.: (AM) 69 (PM) 86 RAINFALL (inches) _____

Day Number 3 Date 4/28/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: staging materials (GDL & GCL) on top of 4D Cap

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	2	20
QC	1	10
Technicians	4	40
Totals	9	90

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

WE 05/08/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Overcast (PM) cloudy TEMP.: (AM) 63 (PM) 82 RAINFALL (inches) _____

Day Number 4 Date 5/2/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: safety meeting. No go — on deployment, due to weather condition. Stage materials (GDL & GCL) til lunch time

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	2	10
QC	1	5
Technicians	4	20
Totals	9	45

Motel Information	Rooms
Singles	
Doubles	

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1
Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

E-MAILED to 5/3/16 TW/AW

5/9/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Cloudy TEMP.: (AM) 67 (PM) 80 RAINFALL (inches) .300

Day Number 5 Date 5/3/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☒ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. No-go due to weather condition 50% chance of rain and hail

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	5	10
Totals	9	18

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

E-MAILED 5/4/16 TW/AN

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Sunny TEMP.: (AM) 65 (PM) 75 RAINFALL (inches)

Day Number 6 Date 5/4/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL/GDL at 0725 to 1330 1330 to 1537 cover expose GCL/GDL with strong wind.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		21,511	21,511
2	GDL		43,560		17,850	17,850
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N	A	
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	5	47.5
Totals	9	85.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

Tran

E-MAILED to Drew/TG 5/5/16

M T W Th F S Su: X Sup: Ali Malimar or Fran Fran

Job Name: Savannah River Site D-Area Job #: 14-08-1356

WEATHER: (AM) sunny (PM) p.cloudy TEMP.: (AM) 55 (PM) 68 RAINFALL (inches)

Day Number 7 Date 5/5/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL. Cover expose GCL & GDL with very strong winds

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		17,284	38,795
2	GDL		43,560		21,063	38,913
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	4	40
Totals	8	80

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p. sunny (PM) 75 TEMP.: (AM) 48 (PM) 69 RAINFALL (inches) _____

Day Number 8 Date 5/6/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL. Cover expose GCL & GDL. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		8,857	47,652
2	GDL		43,560		9,205	48,118
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N/A		
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	3	21
Totals	7	101

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 47 (PM) 77 RAINFALL (inches) _____

Day Number 9 Date 5/7/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Staging materials – windy

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	47,652
2	GDL				0	43,118
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	0	0
Totals	4	34

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

JKE 05/15/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) cloudy TEMP.: (AM) 60 (PM) 86 RAINFALL (inches) _____

Day Number 10 Date 5/9/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: safety meeting. Deploy GCL + GDL — left due to waiting for engineer to approve subgrade.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		14,456	62,108
2	GDL		43,560		14,637	62,755
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	4	31
Totals	8	65

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

John Coleman got laid off due to lack of work.

E-MAILED 5/10/16

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p. cloudy (PM) p. cloudy TEMP.: (AM) 67 (PM) 84 RAINFALL (inches) _____

Day Number 11 Date 5/10/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: safety meeting. Deploy GCL + GDL.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		10,288	72,396
2	GDL		43,560		11,847	74,602
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work	1		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9
QC	1	9
Technicians	3	27
Totals	7	64

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	1
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK-4K	1
Field Test Fail %	Lab Test Fail %

Daily Notes / Standby / Problems / Etc.

Change specs on catch basin (4x4)

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. cloudy TEMP.: (AM) 66 (PM) 89 RAINFALL (inches) _____

Day Number 12 Date 5/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		24,703	97,099
2	GDL		43,560		25,579	100,181
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	3	33
Totals	7	77

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seeding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) cloudy TEMP.: (AM) 67 (PM) 89 RAINFALL (inches) _____

Day Number 13 Date 5/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL - South Slope - clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		20,561	117,660
2	GDL		43,560		18,480	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	3	28.5
Totals	7	66.5

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Cloudy (PM) Sunny TEMP.: (AM) 64 (PM) 88 RAINFALL (inches) 2"

Day Number 14 Date 5-13-2016 [X] Work Day [X] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All Good.

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Rained out and can't stage material.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GGL		43,560		0	117,660
2	GDL		43,560		0	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians		
Totals	4	8

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 53 (PM) 74 RAINFALL (Inches)

Day Number 15 Date 5/16/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	117,660
2	GDL		43,560		0	118,260
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8
Foreman	1	8
Operators	1	8
QC	1	8
Technicians	0	0
Totals	4	32

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TW

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) rain (PM) rain TEMP.: (AM) 64 (PM) 74 RAINFALL (inches) _____

Day Number 16 Date 5/17/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. — Rain 60%

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	117,660
2	GCL		43,560		0	118,661
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	3	6
Totals	7	14

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
TM50	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 64 (PM) 89 RAINFALL (inches) _____

Day Number 17 Date 5/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL – clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		38,556	156,216
2	GDL		43,560		38,922	157,583
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	52.5
Totals	9	94.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Welding Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T-750	1
SKYTRAK-4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TV

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) p.cloudy TEMP.: (AM) 65 (PM) 89 RAINFALL (inches) _____

Day Number 18 Date 5/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [X] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL to GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		18,277	174,493
2	GDL		43,560		17,755	175,338
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel	N		
Work		A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	48
Totals	9	90

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

TT

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 68 (PM) 90 RAINFALL (inches) _____

Day Number 19 Date 6/2/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		44,065	218,558
2	GDL		43,560		42,133	217,471
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			A
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	5	57.5
Totals	9	103.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (Inches) _____

Day Number 20 Date 6/3/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		33,263	251,821
2	GDL		43,560		31,906	249,377
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	5	57.5
Totals	9	103.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. Sunny TEMP.: (AM) 70 (PM) 95 RAINFALL (inches) _____

Day Number 21 Date 6/4/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		33,473	285,294
2	GDL		43,560		35,612	284,989
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	4	46
Totals	8	92

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewing Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1 | TU 1 | W 1 | TH 1 | F 1 | S 1 | SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 91 RAINFALL (Inches) ____

Day Number 22 Date 6/9/16 ☐ Work Day ☐ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	BCL		43,560		0	285,244
2	GDL		43,560		0	284,984
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N/A		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	4
Technicians	0	0
Totals		35.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Spec Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) cloudy (PM) p.sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 23 Date 6/10/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		45,842	331,136
2	GDL		43,560		41,589	326,578
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	11		
Weekend		4	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	11.5
QC	1	11.5
Technicians	3	46
Totals	7	80.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Seam Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4E	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p. sunny TEMP.: (AM) 68 (PM) 93 RAINFALL (Inches)

Day Number 24 Date 6/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		45,958	377,094
2	GDL		43,560		45,859	372,377
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	12
Foreman	1	12
Operators	1	12
QC	1	12
Technicians	3	36
Totals	7	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T 750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 25 Date 6/13/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL - clean up Stage Materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		37,99	415,013
2	GDL		43,560		39,403	411,780
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	12
Foreman	1	12
Operators	1	12
QC	1	12
Technicians	4	48
Totals	8	96

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4-14	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tram Tran

Job Name Savannah River Site D-Area Job # 4-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 96 RAINFALL (inches)

Day Number 26 Date 6/14/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL - Clean up stage materials.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		12,116	427,129
2	GDL		43,560		10,483	422,263
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	4	44
Totals	8	88

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-150	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

Cat 5. Break 15 mins per hr.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14708-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 94 RAINFALL (Inches) _____

Day Number 27 Date 6/15/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. clean up Rain day before.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		0	427,129
2	GDL		43,560		0	423,263
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10		
Weekend		4	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	1	2
Technicians	4	8
Totals	8	16

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt. Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 74 (PM) 96 RAINFALL (inches) _____

Day Number 28 Date 6/16/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		21,103	448,232
2	GDL		43,560		14,583	436,846
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10		
Weekend		4	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	5
QC	1	11
Technicians	3	33
Totals	7	71

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T750	1
SKYTRAK 6K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) p.Sunny TEMP.: (AM) 76 (PM) 97 RAINFALL (inches) _____

Day Number 29 Date 6/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting . Deploy GCL & GDL

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		14,590	462,822
2	GDL		43,560		17,092	453,938
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	0	0
QC	1	10.5
Technicians	4	41
Totals	7	73

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Marking	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit

Equipment	Qty
T750	1
SKYTRAK 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

Sent Destruct Sample for GDL & GCL

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 70 (PM) 92 RAINFALL (inches) _____

Day Number 30 Date 6/20/16 ☐ Work Day ☐ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	462,822
2	GDL				0	453,938
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	11		
Weekend		1	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	6.5
Foreman	1	6.5
Operators	1	6.5
QC	0	0
Technicians	1	7.5
Totals	4	27

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Skid Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4-14	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 64 (PM) 92 RAINFALL (inches) _____

Day Number 31 Date 6/21/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety Meeting. Deploy GCL & GDL - Clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		45,560		28,731	491,553
2	GDL		43,460		30,942	484,880
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	3	33
Totals	7	77

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	Qty
Equipment	
T 750	1
SKYTRAK 4-K 1	

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 70 (PM) 96 RAINFALL (inches) ____

Day Number 32 Date 6/22/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL cleanup

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		27,580	519,133
2	GDL		43,560		24,468	509,348
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			
Weekend			
Weather		8	
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	4	42
Totals	9	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAIL 4-K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimgr QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-28-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 96 RAINFALL (inches) _____

Day Number 33 Date 6/23/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety Meeting. Deploy GCL & GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		31,582	550,715
2	GDL		43,560		32,746	542,094
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	10	8	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	4	40
Totals	8	84

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 75 (PM) 97 RAINFALL (inches) _____

Day Number 34 Date 6/24/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		31,045	581,760
2	GDL		43,560		30,399	575,493
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N	A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11.5
Foreman	1	11.5
Operators	1	8.5
QC	1	11.5
Technicians	4	42.5
Totals	8	85.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewmachine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-750	1
SKYTRAK 4-K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.88-1356

WEATHER: (AM) Sunny (PM) sunny TEMP.: (AM) 73 (PM) 96 RAINFALL (inches) ____

Day Number 35 Date 6/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL		43,560		15,638	603,398
2	GDL		43,560		12,998	598,443
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather	A		
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	7.5
QC	1	8.5
Technicians	3	20.5
Totals	7	51.5

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TL

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) P. Sunny TEMP.: (AM) 70 (PM) 95 RAINFALL (inches) _____

Day Number 36 Date 6/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting · Deploy GCL + GDL clean up - rain 1500

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				31,751	631,360
2	GDL				30,646	~~613,926~~ 613,986
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	1	1	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	4	34
Totals	8	68

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) p.cloudy (PM) cloudy TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 37 Date 6/28/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	631,360
2	GDL				0	613,986
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		0	
Work			
Weekend			
Weather	6		
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	0	0
QC	1	5
Technicians	2	10
Totals	5	25

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sewer Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
L750	1
SKYTRAK 4-K	1
Field Test Fail %	Lab Test Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) cloudy (PM) rain TEMP.: (AM) 70 (PM) 94 RAINFALL (inches) _____

Day Number 39 Date 6/29/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. clean up
Deploy GCL to GDL - rain

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				3,799	635,159
2	GDL				3,206	617,192
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N/A	
Work			
Weekend	N/A		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	5
Foreman	1	5
Operators	1	5
QC	1	5
Technicians	3	15
Totals	7	35

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Gooseneck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) Cloudy (PM) P. Cloudy TEMP.: (AM) 78 (PM) 81 RAINFALL (Inches)

Day Number 39 Date 6/30/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL Rain - Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				22,190	657,349
2	GDL				25,761	642,953
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		AV	
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sea Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
TMSO	1
SKYTRAK 4"K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) p. sunny (PM) p. cloudy TEMP.: (AM) 95 (PM) 76 RAINFALL (inches) _____

Day Number 40 Date 7/5/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				13,430	675,779
2	GDL				17,207	660,160
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	11
Foreman	1	11
Operators	1	11
QC	1	11
Technicians	2	22
Totals	6	66

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Skew Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T780	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 97 (PM) 75 RAINFALL (inches) _____

Day Number 41 Date 7/6/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Cr [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL + GDL. Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				7,134	682,913
2	GDL				6,916	667,076
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	4	4	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	2	19
Totals	6	57

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SkyTrak 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 76 (PM) 98 RAINFALL (inches) _____

Day Number 42 Date 7/7/16 ☐ Work Day ☑ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. clean up. Stage materials Wait for subgrade to dry out + No Go on Deployment

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				-0-	682,913
2	GDL				-0-	667,076
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		A
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	7.5
Foreman	1	7.5
Operators	1	7.5
QC	1	7.5
Technicians	2	7.5
Totals	6	45

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples				Laboratory / 3rd Party Test Destruct			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date		Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date		Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date		Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date		Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
1755	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.136

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 82 (PM) 101 RAINFALL (Inches) _____

Day Number 43 Date 7/8/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,083	703,996
2	GDL				20,636	687,712
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours		
Driving Hours	Man Hours		
Travel Hours	Man Hours		
Holiday Hours	Man Hours		

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work			A
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	9.5
Operators	1	8.5
QC	1	8.5
Technicians	2	17
Totals	6	51

Motel Information	Rooms
Singles	3
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

TW

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 98 RAINFALL (inches) _____

Day Number 44 Date 7/11/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting · Deploy GCL & GDL Clean-up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,156	725,152
2	GDL				17,879	705,591
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N	A	
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	1	10
Totals	5	50

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Rw machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) sunny (PM) sunny TEMP.: (AM) 74 (PM) 98 RAINFALL (inches) _____

Day Number 45 Date 7/12/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				21,011	746,163
2	GDL				20,636	726,227
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		A	
Weekend	N		
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	2	19
Totals	6	57

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Slu Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Maliman QCI Trap Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 99 RAINFALL (inches) _____

Day Number 46 Date 7/13/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repa

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting, Deploy GCL + GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				24,173	770,336
2	GDL				26,267	752,494
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Forch	2
Sod Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T-150	1
SKY TRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
			X			

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1256

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 75 (PM) 98 RAINFALL (inches) ____

Day Number 47 Date 7/14/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meting. Stage materials Deploy GCL & GDL - clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				25,130	795,466
2	GDL				26,541	779,035
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sea Machine	1
Generator	1

ESI Field Test Destruct Samples		Laboratory / 3rd Party Test Destruct	
Field Test Samples Taken Today	Field Test Total Samples Taken to Date	Lab / 3rd Party Samples Taken Today	Lab / 3rd Party Total Samples Taken to Date
Field Test Samples Tested Today	Field Test Total Samples Tested To Date	Lab / 3rd Party Samples Tested Today	Lab / 3rd Party Total Samples Tested To Date
Field Test Samples Passed Today	Field Test Total Passed Samples to Date	Lab / 3rd Party Samples Passed Today	Lab / 3rd Party Total Passed Samples to Date
Field Test Samples Failed Today	Field Test Total Failures To Date	Lab / 3rd Party Samples Failed Today	Lab / 3rd Party Total Failures To Date

Rental Equipment on Sit	
Equipment	Qty
T756	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-13 SL

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 72 (PM) 98 RAINFALL (inches) ____

Day Number 48 Date 7/15/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL to GDL clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				24,441	819,957
2	GDL				23,927	802,962
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		2	
Weather		2	
Total			

Personnel	No.	Hours
Superintendant	1	10
Foreman	1	10
Operators	1	10
QC	1	10
Technicians	2	20
Totals	6	60

Motel Information	Rooms
Singles	3
Doubles	2

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Dew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
					X	

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.02.1356

WEATHER: (AM) rain (PM) rain TEMP.: (AM) 73 (PM) 83 RAINFALL (Inches) _____

Day Number 49 Date 7/16/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Cr ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Subgrade to wet to deploy.

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	819,957
2	GDL				0	802,960
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	2
Foreman	1	2
Operators	1	2
QC	0	0
Technicians	5	10
Totals	9	16

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit	
Equipment	Qty
T 750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
X						

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) cloudy (PM) cloudy TEMP.: (AM) 72 (PM) 84 RAINFALL (Inches) _____

Day Number 50 Date 7/18/16 ☐ Work Day ☒ Weather Day ☐ Travel Day ☐ Weekend or Holiday

All equipment on site is in good working Or ☐ Yes ☐ No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

☐ Repair on Site ☐ Repair ESI Shop ☐ Repair 3rd Party Shipped Via ☐ UPS ☐ Fed X ☐ Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting- Subgrade to wet to deploy

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				0	819,958
2	GDL				0	802,962
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather			A
Total			

Personnel	No.	Hours
Superintendent	1	8
Foreman	1	8
Operators	1	2
QC	2	8
Technicians	5	10
Totals	9	16

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty
T750	1
SKYTRAK 4K	

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QCI Tran Tron

Job Name Savannah River Site D Area Job # 14.08.1256

WEATHER: (AM) P. Sunny (PM) P. Sunny TEMP.: (AM) 72 (PM) 88 RAINFALL (inches) _____

Day Number 51 Date 7/20/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL + GDL
Clean-up. Stage materials — Rain

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				20,540	840, 497
2	GDL				18,208	821,170
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel		N	
Work			
Weekend			
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	5	47.5
Totals	9	85.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flat bed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
F-150	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
				X		

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14.08.1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 90 RAINFALL (inches) _____

Day Number 52 Date 7/20/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL to GDL clean up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				16,371	856,868
2	GDL				17,598	838,768
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	M		
Weekend		Ab	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	8.5
QC	1	8.5
Technicians	3	20.5
Totals	7	56.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 74 (PM) 92 RAINFALL (inches) ____

Day Number 53 Date 7/23/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up. Stage Materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				15,053	871,921
2	GDL				13,029	851,797
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend			
Weather		A	
Total			

Personnel	No.	Hours
Superintendent	1	9.5
Foreman	1	9.5
Operators	1	9.5
QC	1	9.5
Technicians	4	38
Totals	8	76

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples			
Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct			
Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site	
Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1 | TU 1 | W 1 | TH 1 | F 1 | S 1 | SU 1

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 73 (PM) 93 RAINFALL (Inches) ____

Day Number 54 Date 9/25/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems:

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other

Tracking Number Shipped To: Attention: Date Shipped:

Worked Performed Today: Safety meeting. Deploy GCL & GDL clean up. Stage materials

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				23,907	815,823
2	GDL				21,879	873,676
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days

Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work	N		
Weekend		A	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	5	42.5
Totals	9	76.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generato	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
T750	1
SKYTRAK 4K	1

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
	X					

Supt Ali Malimar QCI Tran Tran

Job Name Savannah River Site D. Area Job # 14.08.1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 78 (PM) 95 RAINFALL (inches) _____

Day Number 55 Date 7/26/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploys GCL + GDL Clean up

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				25,615	921,473
2	GDL				27,686	901,362
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
	Change Order Hours		Man Hours			
	Driving Hours		Man Hours			
	Travel Hours		Man Hours			
	Holiday Hours		Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work		N	
Weekend			
Weather		A	
Total			

Personnel	No.	Hours
Superintendent	1	8.5
Foreman	1	8.5
Operators	1	8.5
QC	1	8.5
Technicians	5	40.5
Totals	9	76.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Saw Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Sit

Equipment	Qty
JLG	1
SKYTRAK 4K	1

Field Test		Lab Test	
Fail %		Fail %	

Daily Notes / Standby / Problems / Etc.

ENVIRONMENTAL SPECIALTIES INTERNATIONAL, Inc. DAILY PROGRESS REPORT

M 1	TU 1	W 1	TH 1	F 1	S 1	SU 1
		X				

Supt Ali Malimar QC Tran Trar

Job Name Savannah River Site D-Area Job # 14-08-1356

WEATHER: (AM) Sunny (PM) Sunny TEMP.: (AM) 75 (PM) 95 RAINFALL (Inches) _____

Day Number 56 Date 7/27/16 [X] Work Day [ ] Weather Day [ ] Travel Day [ ] Weekend or Holiday

All equipment on site is in good working Or [ ] Yes [ ] No NO list broken equipment below, describe the problem, and planned step to repai

List Equipment: All good

Problems: _____

[ ] Repair on Site [ ] Repair ESI Shop [ ] Repair 3rd Party Shipped Via [ ] UPS [ ] Fed X [ ] Other _____

Tracking Number _____ Shipped To: _____ Attention: _____ Date Shipped: _____

Worked Performed Today: Safety meeting. Deploy GCL & GDL Clean up!

Item Numb	Material Description	Units	Estimated Quantity	Quantity Installed	Quantity Installed	Total Quantity Installed to Date
1	GCL				26,960	948,433
2	GDL				28,152	929,514
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Change Order Hours	Man Hours			
Driving Hours	Man Hours			
Travel Hours	Man Hours			
Holiday Hours	Man Hours			

Estimated Days			
Type Days	Budget Days	Actual Used	Balance Left
Travel			
Work			10
Weekend		2	
Weather			
Total			

Personnel	No.	Hours
Superintendent	1	10.5
Foreman	1	10.5
Operators	1	10.5
QC	1	10.5
Technicians	5	52.5
Totals	9	94.5

Motel Information	Rooms
Singles	4
Doubles	3

ESI Equipment on Site	Qty
Goose Neck	1
Flatbed	1
Kubota	1
Torch	2
Sew Machine	1
Generator	1

ESI Field Test Destruct Samples

Field Test Samples Taken Today		Field Test Total Samples Taken to Date	
Field Test Samples Tested Today		Field Test Total Samples Tested To Date	
Field Test Samples Passed Today		Field Test Total Passed Samples to Date	
Field Test Samples Failed Today		Field Test Total Failures To Date	

Laboratory / 3rd Party Test Destruct

Lab / 3rd Party Samples Taken Today		Lab / 3rd Party Total Samples Taken to Date	
Lab / 3rd Party Samples Tested Today		Lab / 3rd Party Total Samples Tested To Date	
Lab / 3rd Party Samples Passed Today		Lab / 3rd Party Total Passed Samples to Date	
Lab / 3rd Party Samples Failed Today		Lab / 3rd Party Total Failures To Date	

Rental Equipment on Site

Equipment	Qty
T750	1
SKYTRAK 4K.1	

Field Test	Lab Test
Fail %	Fail %

Daily Notes / Standby / Problems / Etc.

Tran

APPENDIX S4

20-Inch Compaction Report

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csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-V78		
Date Issued:	June 7, 2016		
Date & Time of Test:	May 17, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 122.5 pcf / 7.5% (mod.)

Test No.	1	2						
Course Level	Please see map							
Area to Be	Please see map							
Dry Density In-Place	120.4	119.8						
% Proctor Density	98.3	97.8						
Moisture Content	7.8	8.0						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

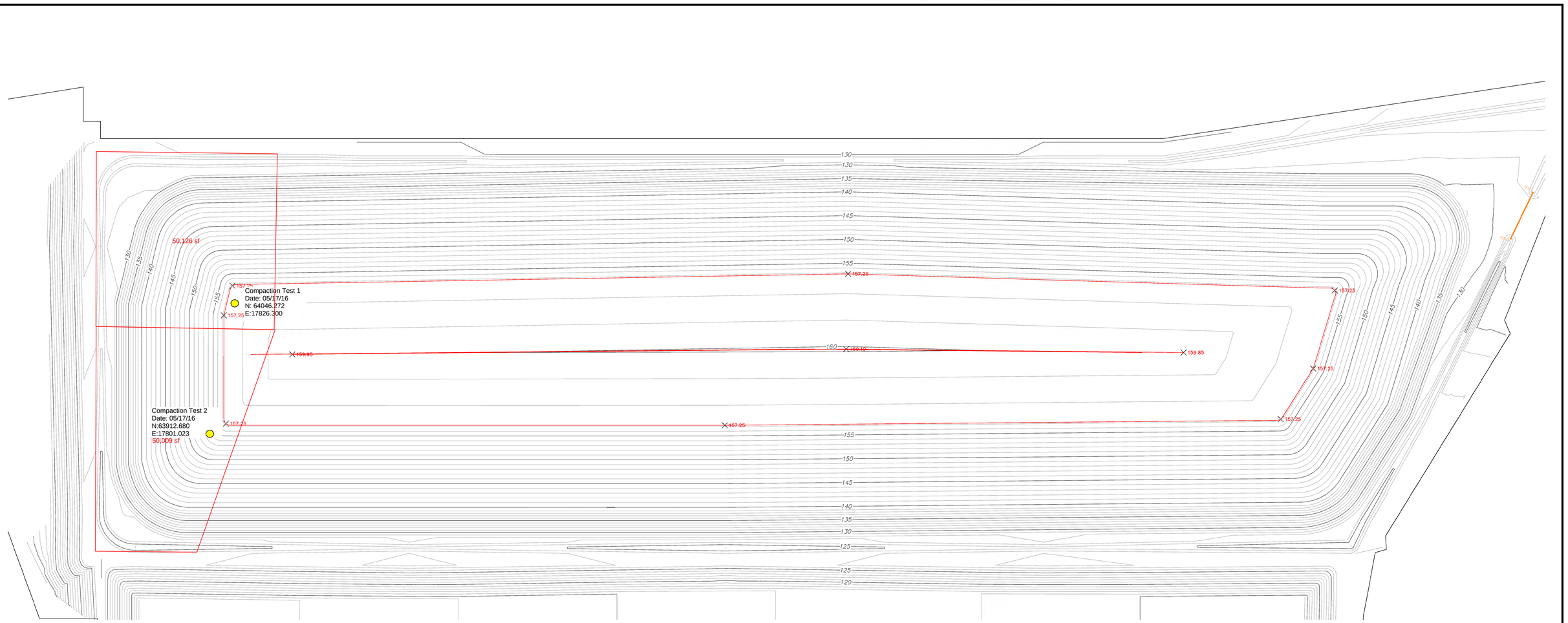
Locations: Please see attached map.

Serial No. of Troxler: 38248

Chris Lowey, Technician

James M. Pope, P.E., Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)



LEGEND:
- Rev 2 Lowered Finish Grade Contour Major
- Rev 2 Lowered Finish Grade Contour Minor

NOTES:
1) This is the lowered cap finish grade. The lowering maintained the 3% slopes previously designed. The new hinge elevation between the 6:1 side slope and the 3% top slope is located at elevation 157.25 along the 6:1 side slope. This hinge location was previously at elevation 160, and 2.75 feet of lowering was needed to accommodate the volume reduction. A uniform lowering does not maintain the proper slopes, because the size of the footprint increased. Therefore the center top crest line was also adjusted in elevation, by lowering these points 2.25 feet from the Rev 1 elevations, and the 3% slopes were then achieved.
2) The ash capacity was reduced by 18,768 BCY by lowering the finish grade to these grades.
3) The revised grade breaks are shown in red along with the revised grade break elevations.

N

0 50' 100'

SCALE IN FEET

Prepared By:
Envirocon
101 International Way
Missoula, MT 59808

Prepared For:
Savannah River Nuclear Solutions, LLC
Document Control Center, Bldg. 704-1N
SRNS Subcontract No: 0000196912
Aiken, SC 29808
Attn: Donald E Baston, Therese Schallick, Richard Hunter

Figure #:	02
Date:	10/06/2015
Revision #:	0
Drawn By:	GGE
Approved By:	EI
Project #:	1495401

LOWERED CAP GRADES AND GRADE BREAK DATA

488-4D Ash Landfill Closure

E:\GGE\PROJECT DATA\ENVIROCON\SRNS ASH POND\LOWERED CAP OCTOBER 2015\488D ASH LANDFILL ANALYSIS FOR LOWERING THE CAP.DWG

OSR 45-11(Rev 10-22-2008)

Savannah River Site

Supplier Document Status

- ☐ 1.Work May Proceed
- ☐ 2.Submit Final Document - Work may proceed
- ☐ 3.Revise and Resubmit - Work may proceed subject to Resolution of Comments
- ☐ 4.Revise and Resubmit. Work may not Proceed.
- ☒ 5.Permission to proceed is not required.

Permission to proceed does not constitute acceptance or approval of design details, calculations, test methods, analysis or materials developed or selected by the supplier, and does not relieve supplier from full compliance with contractual obligations or release of any 'holds' placed on the contract.

Document ID	Revision
0000196912-000319	B

Document Category	Date
26.0-PERFORMANCE TEST PROCEDURES	2016-08-22 12:20:27 PM, EDT

Reviewer
BASTON, DONALD E

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-Z29		
Date Issued:	June 23, 2016		
Date & Time of Test:	June 17, 2016 (PM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Mild	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Reddish-Brown Sandy Clay

Proctor Density-Optimum Moisture: 116.6 pcf / 8.7% (mod.)

Test No.	1	2						
Course Level	Final grade							
Area to Be	Please see map							
Dry Density In-Place	116.4	115.5						
% Proctor Density	99.8	99.0						
Moisture Content	8.1	8.3						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

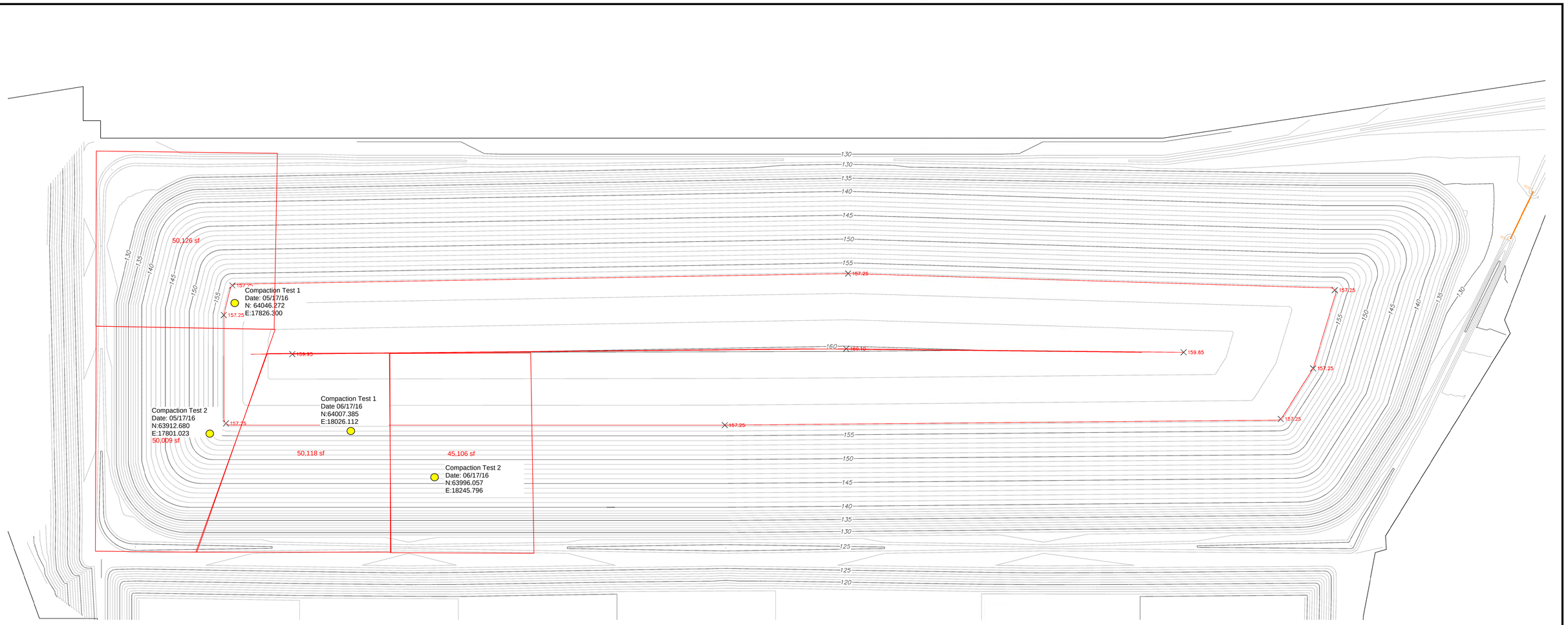
Locations: Please see attached map.

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)



LEGEND:

Rev 2 Lowered Finish Grade Contour Major

Rev 2 Lowered Finish Grade Contour Minor

NOTES:

1) This is the lowered cap finish grade. The lowering maintained the 3% slopes previously designed. The new hinge elevation between the 6:1 side slope and the 3% top slope is located at elevation 157.25 along the 6:1 side slope. This hinge location was previously at elevation 160, and 2.75 feet of lowering was needed to accommodate the volume reduction. A uniform lowering does not maintain the proper slopes, because the size of the footprint increased. Therefore the center top crest line was also adjusted in elevation, by lowering these points 2.25 feet from the Rev 1 elevations, and the 3% slopes were then achieved.
2) The ash capacity was reduced by 18,768 BCY by lowering the finish grade to these grades.
3) The revised grade breaks are shown in red along with the revised grade break elevations.

N

0 50' 100'

SCALE IN FEET

Prepared By:

Envirocon
101 International Way
Missoula, MT 59808

Prepared For:
Savannah River Nuclear Solutions, LLC
Document Control Center, Bldg. 704-1N
SRNS Subcontract No: 0000196912
Aiken, SC 29808
Attn: Donald E Baston, Therese Schallick, Richard Hunter

Figure #: 02	
Date: 10/06/2015	
Revision #: 0	
Drawn By: GGE	
Approved By: EI	
Project #: 1495401	

LOWERED CAP GRADES AND GRADE BREAK DATA

488-4D Ash Landfill Closure

E:\ GGE \ PROJECT DATA \ ENVIROCON \ SRNS ASH POND \ LOWERED CAP OCTOBER 2015 \ 488D ASH LANDFILL ANALYSIS FOR LOWERING THE CAP.DWG

OSR 45-11(Rev 10-22-2008)

Savannah River Site

Supplier Document Status

- ☐ 1.Work May Proceed
- ☐ 2.Submit Final Document - Work may proceed
- ☐ 3.Revise and Resubmit - Work may proceed subject to Resolution of Comments
- ☐ 4.Revise and Resubmit. Work may not Proceed.
- ☒ 5.Permission to proceed is not required.

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Document ID	Revision
0000196912-000320	A

Document Category	Date
26.0-PERFORMANCE TEST PROCEDURES	2016-08-03 15:51:56 PM, EDT

Reviewer
BASTON, DONALD E

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-EE71		
Date Issued:	July 29, 2016		
Date & Time of Test:	July 20, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5	6		
Course Level	Please see attached map							
Area to Be	Ash basin closure							
Dry Density In-Place	117.5	117.6	117.4	116.7	117.0	117.5		
% Proctor Density	99.9	100.0	99.8	99.2	99.4	99.9		
Moisture Content	8.9	8.5	8.8	8.4	8.6	8.7		
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0		
Conformance	✓	✓	✓	✓	✓	✓		
Non Conformance								
Sand Cone								

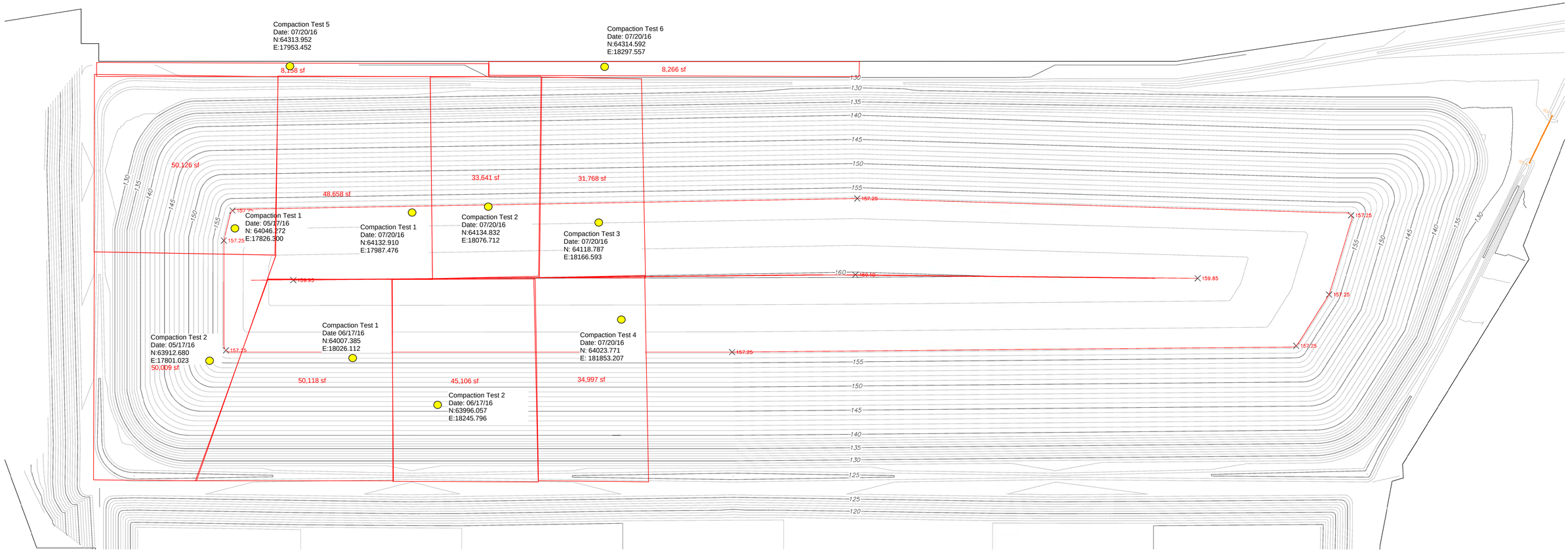
Locations: Please see attached map.

Serial No. of Troxler: 38248

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)



LEGEND:

Rev 2 Lowered Finish Grade Contour Major

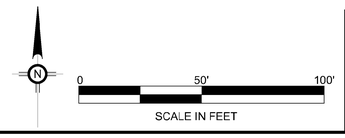
Rev 2 Lowered Finish Grade Contour Minor

NOTES:

1) This is the lowered cap finish grade. The lowering maintained the 3% slopes previously designed. The new hinge elevation between the 6:1 side slope and the 3% top slope is located at elevation 157.25 along the 6:1 side slope. This hinge location was previously at elevation 160, and 2.75 feet of lowering was needed to accommodate the volume reduction. A uniform lowering does not maintain the proper slopes, because the size of the footprint increased. Therefore the center top crest line was also adjusted in elevation, by lowering these points 2.25 feet from the Rev 1 elevations, and the 3% slopes were then achieved.

2) The ash capacity was reduced by 18,768 BCY by lowering the finish grade to these grades.

3) The revised grade breaks are shown in red along with the revised grade break elevations.



Prepared By:

Envirocon
101 International Way
Missoula, MT 59808

Prepared For:
Savannah River Nuclear Solutions, LLC
Document Control Center, Bldg. 704-1N
SRNS Subcontract No: 0000196912
Aiken, SC 29808
Attn: Donald E Baston, Therese Schallick, Richard Hunter

Figure #: 02	
Date: 10/06/2015	
Revision #: 0	
Drawn By: GGE	
Approved By: EI	
Project #: 1495401	

LOWERED CAP GRADES AND GRADE BREAK DATA

488-4D Ash Landfill Closure

E:\ GGE \ PROJECT DATA \ ENVIROCON \ SRNS ASH POND \ LOWERED CAP OCTOBER 2015 \ 488D ASH LANDFILL ANALYSIS FOR LOWERING THE CAP.DWG

OSR 45-11(Rev 10-22-2008)

Savannah River Site

Supplier Document Status

- ☐ 1.Work May Proceed
- ☐ 2.Submit Final Document - Work may proceed
- ☐ 3.Revise and Resubmit - Work may proceed subject to Resolution of Comments
- ☐ 4.Revise and Resubmit. Work may not Proceed.
- ☒ 5.Permission to proceed is not required.

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Document ID	Revision
0000196912-000327	A

Document Category	Date
26.0-PERFORMANCE TEST PROCEDURES	2016-08-31 10:57:14 AM, EDT

Reviewer
BASTON, DONALD E

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-FF14 (Page 1 of 2)		
Date Issued:	August 1, 2016		
Date & Time of Test:	July 29, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5	6	7	8
Course Level	See attached map							
Area to Be	Ash basin closure							
Dry Density In-Place	117.0	117.6	117.7	117.5	114.7	114.9	117.4	117.7
% Proctor Density	99.4	100.0	100.0	99.9	97.5	97.7	99.8	100.0
Moisture Content	8.4	8.7	8.5	8.8	7.4	7.6	8.0	8.8
% Compaction Required	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
Conformance	✓	✓	✓	✓	✓	✓	✓	✓

Non Conformance								
Sand Cone								

Locations: Please see attached map.

Serial No. of Troxler: 38248

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-FF14 (Page 2 of 2)		
Date Issued:	August 1, 2016		
Date & Time of Test:	July 29, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Hot	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT

Test Method ASTM D-6938

Soil Description: Tan Silty Sand

Proctor Density-Optimum Moisture: 117.6 pcf / 8.7% (mod.)

Test No.	9	10						
Course Level	See attached map							
Area to Be	Ash basin closure							
Dry Density In-Place	117.6	117.2						
% Proctor Density	100.0	99.6						
Moisture Content	8.5	8.4						
% Compaction Required	95.0	95.0						
Conformance	✓	✓						
Non Conformance								
Sand Cone								

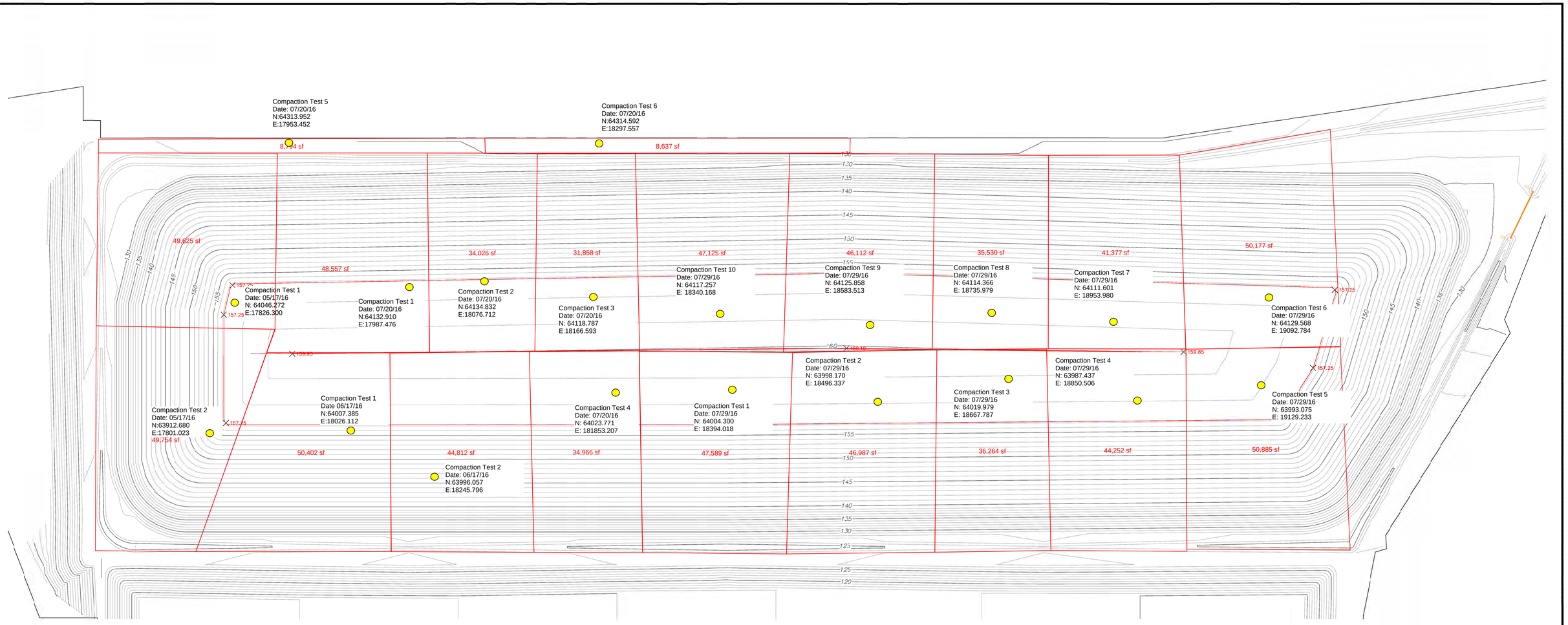
Locations: Please see attached map.

Serial No. of Troxler: 38248

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)



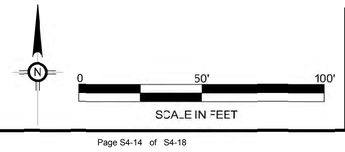
LEGEND:

Rev 2 Lowered Finish Grade Contour Major

Rev 2 Lowered Finish Grade Contour Minor

NOTES:

1) This is the lowered cap finish grade. The lowering maintained the 3% slopes previously designed. The new hinge elevation between the 6:1 side slope and the 3% top slope is located at elevation 157.25 along the 6:1 side slope. This hinge location was previously at elevation 160, and 2.75 feet of lowering was needed to accommodate the volume reduction. A uniform lowering does not maintain the proper slopes, because the size of the footprint increased. Therefore the center top crest line was also adjusted in elevation, by lowering these points 2.25 feet from the Rev 1 elevations, and the 3% slopes were then achieved.
2) The ash capacity was reduced by 18,768 BCY by lowering the finish grade to these grades.
3) The revised grade breaks are shown in red along with the revised grade break elevations.



Prepared By: Envirocon, 101 International Way, Missoula, MT 59808	**Prepared For:** Savannah River Nuclear Solutions, LLC, Document Control Center, Bldg. 704-1N, SRNS Subcontract No: 0000196912, Aiken, SC 29808, Attn: Donald E Baston, Therese Schallick, Richard Hunter

Figure #: 02	LOWERED CAP GRADES AND GRADE BREAK DATA
Date: 10/06/2015	
Revision #: 0	
Drawn By: GGE	
Approved By: EI	488-4D Ash Landfill Closure
Project #: 1495401	

E:\GGE\PROJECT DATA\ENVIROCON\SRNS ASH POND\LOWERED CAP OCTOBER 2015\488D ASH LANDFILL ANALYSIS FOR LOWERING THE CAP.DWG

OSR 45-11(Rev 10-22-2008)

Savannah River Site

Supplier Document Status

- ☐ 1.Work May Proceed
- ☐ 2.Submit Final Document - Work may proceed
- ☐ 3.Revise and Resubmit - Work may proceed subject to Resolution of Comments
- ☐ 4.Revise and Resubmit. Work may not Proceed.
- ☒ 5.Permission to proceed is not required.

Permission to proceed does not constitute acceptance or approval of design details, calculations, test methods, analysis or materials developed or selected by the supplier, and does not relieve supplier from full compliance with contractual obligations or release of any 'holds' placed on the contract.

Document ID	Revision
0000196912-000328	A

Document Category	Date
26.0-PERFORMANCE TEST PROCEDURES	2016-08-31 10:57:14 AM, EDT

Reviewer
BASTON, DONALD E

csra TESTING AND ENGINEERING CO., INC.

1005 Emmett St., Suite A
Augusta, Georgia 30904
(706) 733-6960
Fax (706) 737-0629

Report No.:	T16-HH63		
Date Issued:	August 19, 2016		
Date & Time of Test:	August 18, 2016 (AM)		
Client:	Envirocon, Inc.	**Address:**	Missoula, Montana
Project Title:	488-4D Ash Landfill Closure	**Location:**	Savannah River Site, Aiken Co., SC
Project No.:	C-SPP-D-00002	**SRNS PO#:**	196912
Weather:	Sunny and Warm	**Activity:**	**Compaction**

FIELD DENSITY AND MOISTURE CONTENT
Test Method ASTM D-6938

Soil Description: Brownish-Tan Silty Sand

Proctor Density-Optimum Moisture: 120.1 pcf / 8.7% (mod.)

Test No.	1	2	3	4	5			
Course Level	Final grade							
Area to Be	Fill			Roadway				
Dry Density In-Place	115.7	116.1	115.4	117.2	116.7			
% Proctor Density	96.3	96.6	96.0	97.5	97.1			
Moisture Content	8.0	8.3	8.2	10.2	9.0			
% Compaction Required	95.0	95.0	95.0	95.0	95.0			
Conformance	✓	✓	✓	✓	✓			
Non Conformance								
Sand Cone								

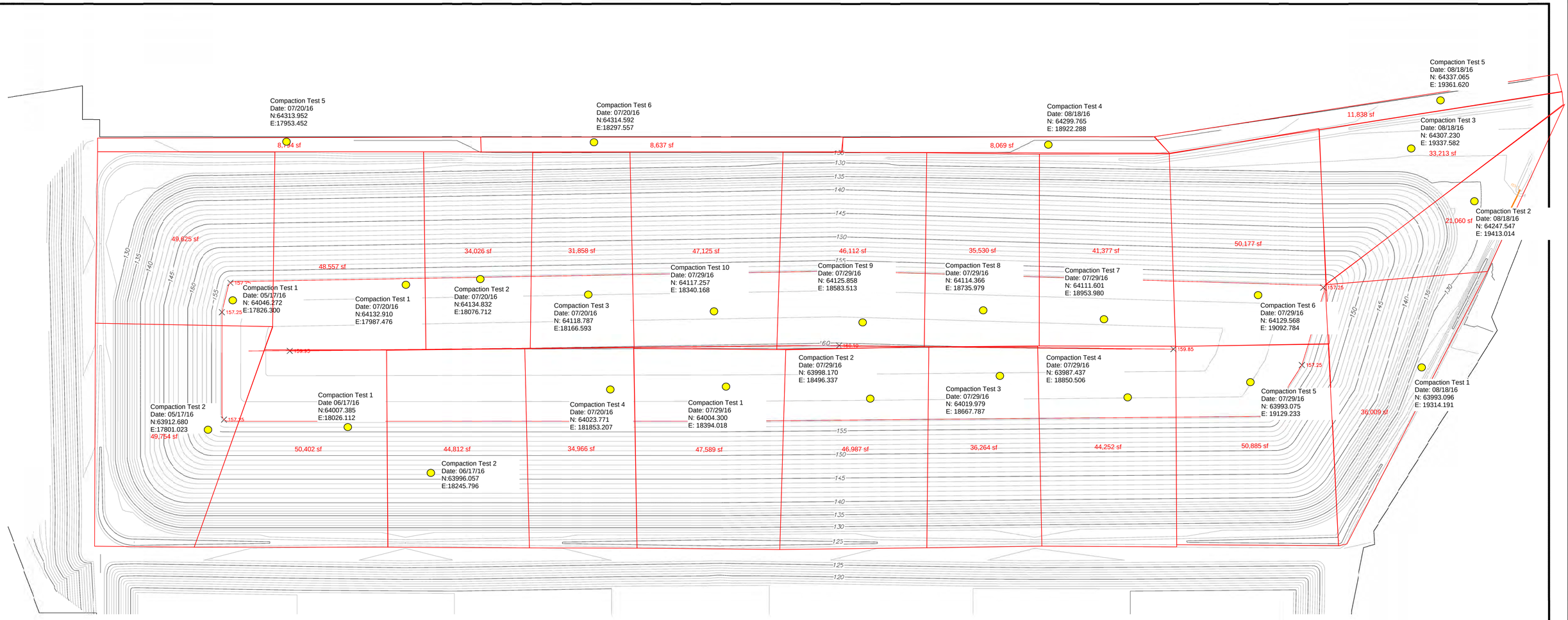
Locations: Please see attached map.

Serial No. of Troxler: 65585

Britt Baynham, Technician

James M. Pope, P.E., Reviewer

Member of American Society for Testing and Materials
Accredited by AASHTO Accreditation Program (AAP)



LEGEND:

Rev 2 Lowered Finish Grade Contour Major

Rev 2 Lowered Finish Grade Contour Minor

NOTES:

1) This is the lowered cap finish grade. The lowering maintained the 3% slopes previously designed. The new hinge elevation between the 6:1 side slope and the 3% top slope is located at elevation 157.25 along the 6:1 side slope. This hinge location was previously at elevation 160, and 2.75 feet of lowering was needed to accommodate the volume reduction. A uniform lowering does not maintain the proper slopes, because the size of the footprint increased. Therefore the center top crest line was also adjusted in elevation, by lowering these points 2.25 feet from the Rev 1 elevations, and the 3% slopes were then achieved.
2) The ash capacity was reduced by 18,768 BCY by lowering the finish grade to these grades.
3) The revised grade breaks are shown in red along with the revised grade break elevations.

Prepared By:	Envirocon 101 International Way Missoula, MT 59808
Prepared For:	Savannah River Nuclear Solutions, LLC Document Control Center, Bldg. 704-1N SRNS Subcontract No: 0000196912 Aiken, SC 29808 Attn: Donald E Baston, Therese Schallick, Richard Hunter
Figure #: 02	
Date: 10/06/2015	
Revision #: 0	
Drawn By: GGE	
Approved By: EI	
Project #: 1495401	

LOWERED CAP GRADES AND GRADE BREAK DATA

488-4D Ash Landfill Closure

E:\GGE\PROJECT DATA\ENVIROCON\SRNS ASH POND\LOWERED CAP OCTOBER 2015\488D ASH LANDFILL ANALYSIS FOR LOWERING THE CAP.DWG

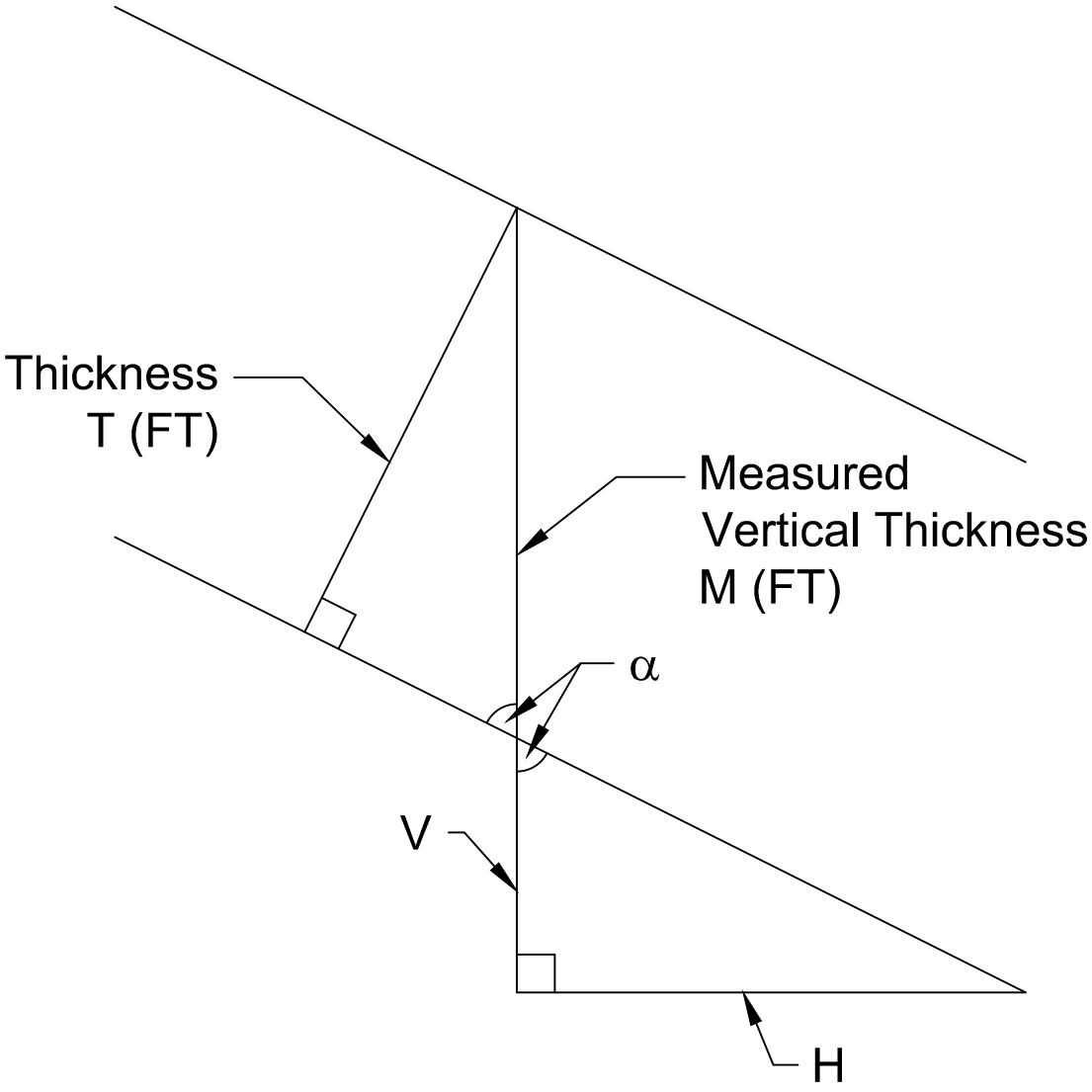
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APPENDIX S5

Cover Thickness Verification Data

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Corrections for Slope Surface Thickness Vs. As-Built Survey Data



$$\text{Tan}(\alpha) = (H/V)$$
$$\alpha = \text{ArcTan}(H/V)$$
$$\text{Sin}(\alpha) = (T/M)$$
$$M = T/(\text{Sin}(\alpha))$$
$$M = T/\{\text{Sin}[\text{ArcTan}(H/V)]\}$$

NOTES:

1) H and V are the supplied Horizontal : Vertical values for the slope (e.g. a 2:1 has a H value of 2 and V value of 1).

Prepared By

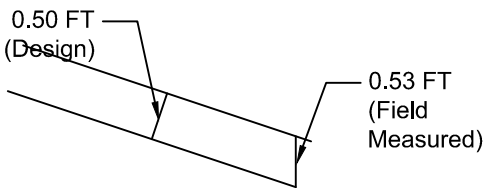
Envirocon
7878 Wadsworth Blvd.
Suite 340
Arvada, CO 80003

Solution to Vertical Thickness Given Perpendicular Thickness & Slope

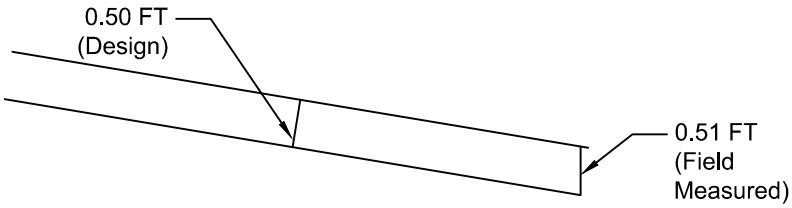
03-29-2016

Corrections for Slope Surface Thickness Vs. As-Built Survey Data

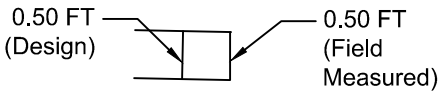
3:1 Slope
0.5' Thick



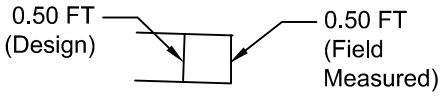
6:1 Slope
0.5' Thick



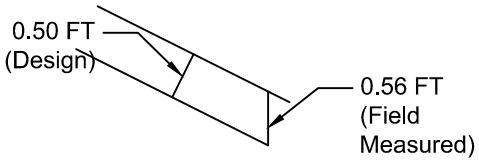
2% Slope
0.5' Thick



3% Slope
0.5' Thick



2:1 Slope
0.5' Thick





NOTES:

1) The steeper the slope, the larger the discrepancy between the thickness as measured vertically and perpendicularly. For flat slopes the amount is negligible.

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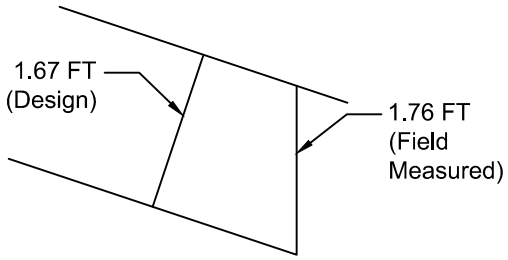
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Vertical vs Perpendicular Thickness Measurements 6IN Thick Layer

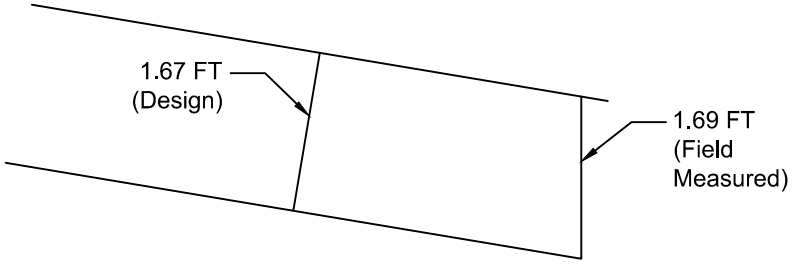
03-17-2016

Corrections for Slope Surface Thickness Vs. As-Built Survey Data

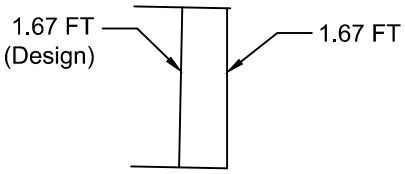
3:1 Slope
20" Thick



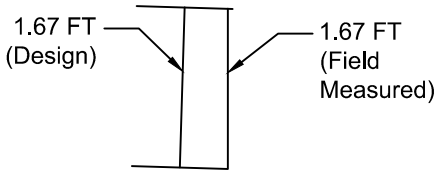
6:1 Slope
20" Thick



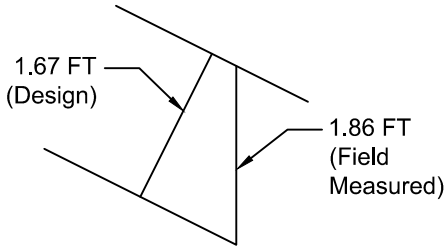
2% Slope
20" Thick

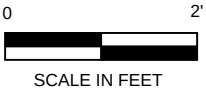


3% Slope
20" Thick



2:1 Slope
20" Thick





NOTES:

1) The steeper the slope, the larger the discrepancy between the thickness as measured vertically and perpendicularly. For flat slopes the amount is negligible.

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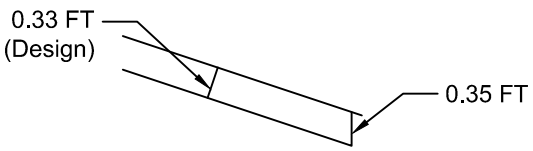
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Vertical vs Perpendicular Thickness Measurements 20IN Thick Layer

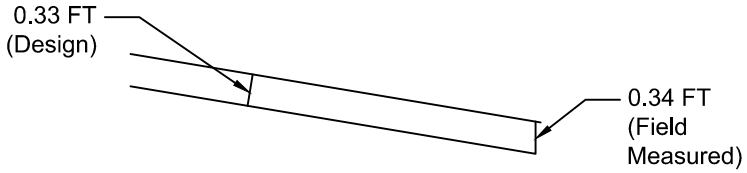
03-17-2016

Corrections for Slope Surface Thickness Vs. As-Built Survey Data

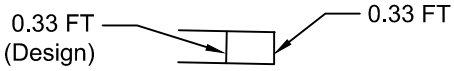
3:1 Slope
4" Thick



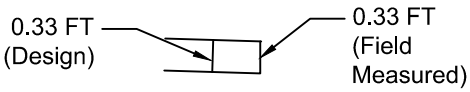
6:1 Slope
4" Thick



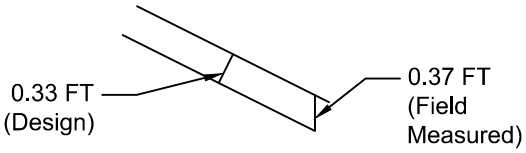
2% Slope
4" Thick



3% Slope
4" Thick



2:1 Slope
4" Thick





NOTES:

1) The steeper the slope, the larger the discrepancy between the thickness as measured vertically and perpendicularly. For flat slopes the amount is negligible.

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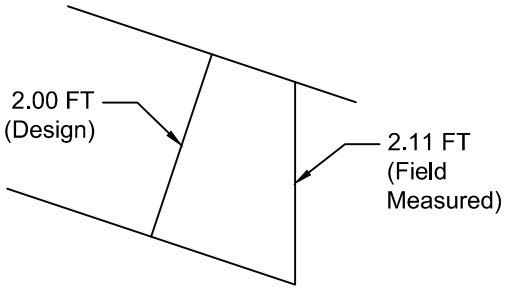
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Vertical vs Perpendicular Thickness Measurements 4IN Thick Layer

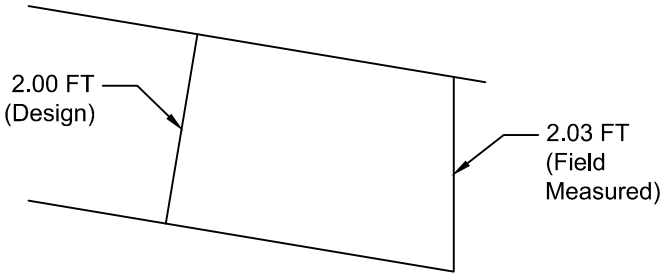
03-17-2016

Corrections for Slope Surface Thickness Vs. As-Built Survey Data

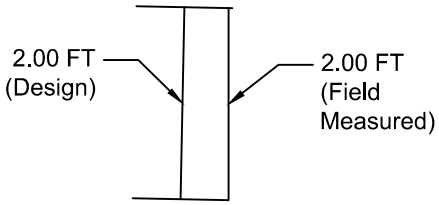
3:1 Slope
2' Thick



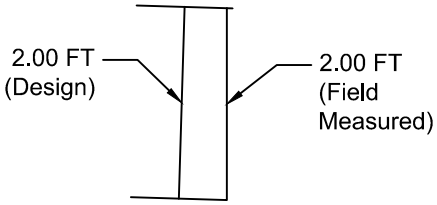
6:1 Slope
2' Thick



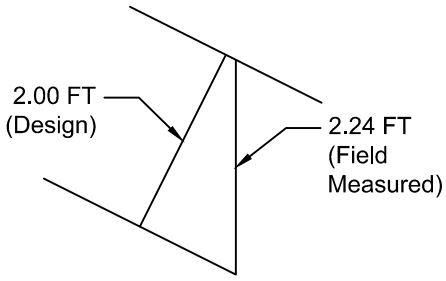
2% Slope
2' Thick

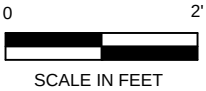


3% Slope
2' Thick



2:1 Slope
2' Thick





NOTES:

1) The steeper the slope, the larger the discrepancy between the thickness as measured vertically and perpendicularly. For flat slopes the amount is negligible.

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Vertical vs Perpendicular Thickness Measurements 24IN Thick Layer

03-17-2016

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10000	63803.00	17653.00	FLAT	9-May-16	124.73	126.77	126.79	26-Oct-16	24.2
10001	63828.00	17653.00	FLAT	9-May-16	124.37	126.41	126.49	26-Oct-16	24.9
10002	63853.00	17653.00	3	9-May-16	124.39	126.54	126.54	26-Oct-16	24.0
10003	63878.00	17653.00	3	28-Apr-16	124.51	126.66	126.68	26-Oct-16	24.2
10004	63903.00	17653.00	3	28-Apr-16	124.73	126.88	126.92	26-Oct-16	24.5
10005	63928.00	17653.00	3	28-Apr-16	124.88	127.03	127.06	26-Oct-16	24.4
10006	63953.00	17653.00	3	28-Apr-16	125.13	127.28	127.33	26-Oct-16	24.6
10007	63978.00	17653.00	3	28-Apr-16	125.34	127.49	127.51	26-Oct-16	24.2
10008	64003.00	17653.00	3	28-Apr-16	125.56	127.71	127.71	26-Oct-16	24.0
10009	64028.00	17653.00	3	28-Apr-16	125.72	127.87	127.90	26-Oct-16	24.4
10010	64053.00	17653.00	3	28-Apr-16	125.94	128.09	128.09	26-Oct-16	24.0
10011	64078.00	17653.00	3	28-Apr-16	126.13	128.28	128.28	26-Oct-16	24.0
10012	64103.00	17653.00	3	28-Apr-16	126.33	128.48	128.50	26-Oct-16	24.2
10013	64128.00	17653.00	3	28-Apr-16	126.53	128.68	128.70	26-Oct-16	24.2
10014	64153.00	17653.00	3	28-Apr-16	126.72	128.87	128.88	26-Oct-16	24.1
10015	64178.00	17653.00	3	28-Apr-16	126.88	129.03	129.05	26-Oct-16	24.2
10016	64203.00	17653.00	3	13-Jun-16	126.82	128.97	129.01	26-Oct-16	24.5
10017	64228.00	17653.00	3	13-Jun-16	126.64	128.79	128.80	26-Oct-16	24.1
10018	64253.00	17653.00	3	13-Jun-16	126.39	128.54	128.57	26-Oct-16	24.4
10019	64278.00	17653.00	FLAT	13-Jun-16	126.42	128.46	128.49	26-Oct-16	24.3
10020	64303.00	17653.00	FLAT	13-Jun-16	126.64	128.68	128.70	26-Oct-16	24.2
10021	63803.00	17678.00	FLAT	9-May-16	124.39	126.43	126.45	26-Oct-16	24.2
10022	63828.00	17678.00	FLAT	28-Apr-16	124.18	126.22	126.23	13-Jul-16	24.1
10023	63853.00	17678.00	FLAT	28-Apr-16	124.70	126.74	126.74	13-Jul-16	24.0
10024	63878.00	17678.00	FLAT	28-Apr-16	124.89	126.93	126.94	13-Jul-16	24.1
10025	63903.00	17678.00	3	28-Apr-16	126.93	129.08	129.10	13-Jul-16	24.2
10026	63928.00	17678.00	3	28-Apr-16	127.70	129.85	129.85	13-Jul-16	24.0
10027	63953.00	17678.00	3	28-Apr-16	127.67	129.82	129.82	13-Jul-16	24.0
10028	63978.00	17678.00	3	28-Apr-16	127.61	129.75	129.76	13-Jul-16	24.1
10029	64003.00	17678.00	3	28-Apr-16	127.63	129.78	129.78	13-Jul-16	24.0
10030	64028.00	17678.00	3	28-Apr-16	127.54	129.69	129.75	13-Jul-16	24.7
10031	64053.00	17678.00	3	28-Apr-16	127.68	129.83	129.84	12-Jul-16	24.1
10032	64078.00	17678.00	3	28-Apr-16	127.67	129.82	129.82	12-Jul-16	24.0
10033	64103.00	17678.00	3	28-Apr-16	127.53	129.68	129.69	12-Jul-16	24.1
10034	64128.00	17678.00	3	28-Apr-16	126.83	128.98	128.99	12-Jul-16	24.1
10035	64153.00	17678.00	FLAT	28-Apr-16	126.97	129.01	129.04	12-Jul-16	24.3
10036	64178.00	17678.00	FLAT	28-Apr-16	127.24	129.28	129.28	12-Jul-16	24.0
10037	64203.00	17678.00	FLAT	13-Jun-16	127.06	129.10	129.20	12-Jul-16	25.2
10038	64228.00	17678.00	FLAT	13-Jun-16	126.87	128.91	128.98	12-Jul-16	24.8
10039	64253.00	17678.00	FLAT	13-Jun-16	126.60	128.64	128.68	12-Jul-16	24.5
10040	64278.00	17678.00	FLAT	13-Jun-16	125.54	127.58	127.62	12-Jul-16	24.5
10041	64303.00	17678.00	FLAT	13-Jun-16	126.37	128.41	128.46	26-Oct-16	24.6
10042	63803.00	17703.00	3	9-May-16	124.24	126.39	126.40	26-Oct-16	24.1
10043	63828.00	17703.00	FLAT	28-Apr-16	124.32	126.36	126.38	13-Jul-16	24.2
10044	63853.00	17703.00	3	28-Apr-16	126.20	128.35	128.36	13-Jul-16	24.1
10045	63878.00	17703.00	3	28-Apr-16	131.48	133.63	133.64	13-Jul-16	24.1
10046	63903.00	17703.00	3	28-Apr-16	134.72	136.87	136.91	13-Jul-16	24.5
10047	63928.00	17703.00	3	28-Apr-16	135.85	138.00	138.02	13-Jul-16	24.3
10048	63953.00	17703.00	3	28-Apr-16	135.77	137.92	137.95	13-Jul-16	24.4
10049	63978.00	17703.00	3	28-Apr-16	135.71	137.86	137.92	13-Jul-16	24.7

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10050	64003.00	17703.00	3	28-Apr-16	135.75	137.90	137.91	13-Jul-16	24.1
10051	64028.00	17703.00	3	28-Apr-16	135.78	137.93	137.97	13-Jul-16	24.5
10052	64053.00	17703.00	3	28-Apr-16	135.97	138.12	138.12	12-Jul-16	24.0
10053	64078.00	17703.00	3	28-Apr-16	136.03	138.18	138.19	12-Jul-16	24.1
10054	64103.00	17703.00	3	28-Apr-16	135.92	138.07	138.09	12-Jul-16	24.2
10055	64128.00	17703.00	3	28-Apr-16	135.03	137.18	137.19	12-Jul-16	24.1
10056	64153.00	17703.00	3	28-Apr-16	132.88	135.03	135.05	12-Jul-16	24.2
10057	64178.00	17703.00	3	28-Apr-16	131.11	133.26	133.27	12-Jul-16	24.1
10058	64203.00	17703.00	3	13-Jun-16	128.66	130.81	130.95	12-Jul-16	25.7
10059	64228.00	17703.00	FLAT	13-Jun-16	127.56	129.60	129.69	12-Jul-16	25.1
10060	64253.00	17703.00	FLAT	13-Jun-16	126.96	129.00	129.00	12-Jul-16	24.0
10061	64278.00	17703.00	FLAT	13-Jun-16	126.31	128.35	128.49	12-Jul-16	25.7
10062	64303.00	17703.00	3	13-Jun-16	125.14	127.29	127.30	12-Jul-16	24.1
10063	63803.00	17728.00	3	9-May-16	124.28	126.43	126.43	26-Oct-16	24.0
10064	63828.00	17728.00	3	28-Apr-16	124.52	126.67	126.67	13-Jul-16	24.0
10065	63853.00	17728.00	3	28-Apr-16	131.78	133.93	133.94	13-Jul-16	24.1
10066	63878.00	17728.00	6	28-Apr-16	137.69	139.76	139.80	13-Jul-16	24.5
10067	63903.00	17728.00	6	28-Apr-16	139.66	141.73	141.78	13-Jul-16	24.6
10068	63928.00	17728.00	6	28-Apr-16	140.83	142.90	142.91	13-Jul-16	24.1
10069	63953.00	17728.00	6	28-Apr-16	140.96	143.03	143.03	13-Jul-16	24.0
10070	63978.00	17728.00	6	28-Apr-16	140.74	142.81	142.87	13-Jul-16	24.7
10071	64003.00	17728.00	6	28-Apr-16	140.81	142.88	142.90	13-Jul-16	24.2
10072	64028.00	17728.00	6	28-Apr-16	140.82	142.89	142.91	13-Jul-16	24.2
10073	64053.00	17728.00	6	28-Apr-16	140.72	142.79	142.85	12-Jul-16	24.7
10074	64078.00	17728.00	6	28-Apr-16	140.75	142.82	142.86	12-Jul-16	24.5
10075	64103.00	17728.00	6	28-Apr-16	140.91	142.98	142.99	12-Jul-16	24.1
10076	64128.00	17728.00	6	28-Apr-16	140.27	142.34	142.35	12-Jul-16	24.1
10077	64153.00	17728.00	6	28-Apr-16	139.27	141.34	141.37	12-Jul-16	24.4
10078	64178.00	17728.00	6	28-Apr-16	138.26	140.33	140.33	12-Jul-16	24.0
10079	64203.00	17728.00	3	13-Jun-16	136.73	138.88	139.00	12-Jul-16	25.4
10080	64228.00	17728.00	3	13-Jun-16	133.20	135.35	135.41	12-Jul-16	24.7
10081	64253.00	17728.00	3	13-Jun-16	127.91	130.06	130.18	12-Jul-16	25.4
10082	64278.00	17728.00	FLAT	13-Jun-16	126.42	128.46	128.47	12-Jul-16	24.1
10083	64303.00	17728.00	3	13-Jun-16	125.38	127.53	127.54	12-Jul-16	24.1
10084	63803.00	17753.00	3	9-May-16	124.43	126.58	126.60	26-Oct-16	24.2
10085	63828.00	17753.00	3	28-Apr-16	126.82	128.97	129.07	13-Jul-16	25.2
10086	63853.00	17753.00	3	28-Apr-16	135.15	137.30	137.32	13-Jul-16	24.2
10087	63878.00	17753.00	6	28-Apr-16	139.89	141.96	141.98	13-Jul-16	24.2
10088	63903.00	17753.00	6	28-Apr-16	142.72	144.79	144.79	13-Jul-16	24.0
10089	63928.00	17753.00	6	28-Apr-16	144.50	146.57	146.58	13-Jul-16	24.1
10090	63953.00	17753.00	6	28-Apr-16	144.96	147.03	147.08	13-Jul-16	24.6
10091	63978.00	17753.00	6	28-Apr-16	144.96	147.03	147.03	13-Jul-16	24.0
10092	64003.00	17753.00	6	28-Apr-16	145.01	147.08	147.11	13-Jul-16	24.4
10093	64028.00	17753.00	6	28-Apr-16	145.03	147.10	147.12	13-Jul-16	24.2
10094	64053.00	17753.00	6	28-Apr-16	144.97	147.04	147.05	12-Jul-16	24.1
10095	64078.00	17753.00	6	28-Apr-16	144.97	147.04	147.05	12-Jul-16	24.1
10096	64103.00	17753.00	6	28-Apr-16	145.07	147.14	147.15	12-Jul-16	24.1
10097	64128.00	17753.00	6	28-Apr-16	144.16	146.23	146.28	12-Jul-16	24.6
10098	64153.00	17753.00	6	28-Apr-16	143.32	145.39	145.41	12-Jul-16	24.2
10099	64178.00	17753.00	6	28-Apr-16	142.34	144.41	144.46	12-Jul-16	24.6

Envirocon

Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10100	64203.00	17753.00	6	13-Jun-16	140.86	142.93	142.93	12-Jul-16	24.0
10101	64228.00	17753.00	6	13-Jun-16	138.47	140.54	140.55	12-Jul-16	24.1
10102	64253.00	17753.00	3	13-Jun-16	132.58	134.73	134.81	12-Jul-16	25.0
10103	64278.00	17753.00	FLAT	13-Jun-16	126.38	128.42	128.49	12-Jul-16	24.8
10104	64303.00	17753.00	3	13-Jun-16	125.55	127.70	127.71	12-Jul-16	24.1
10105	63803.00	17778.00	3	9-May-16	124.56	126.71	126.72	26-Oct-16	24.1
10106	63828.00	17778.00	3	28-Apr-16	127.71	129.86	129.87	13-Jul-16	24.1
10107	63853.00	17778.00	3	28-Apr-16	135.73	137.88	137.89	13-Jul-16	24.1
10108	63878.00	17778.00	6	28-Apr-16	140.78	142.85	142.89	13-Jul-16	24.5
10109	63903.00	17778.00	6	28-Apr-16	144.61	146.68	146.71	13-Jul-16	24.4
10110	63928.00	17778.00	6	28-Apr-16	147.60	149.67	149.70	13-Jul-16	24.4
10111	63953.00	17778.00	6	28-Apr-16	149.24	151.31	151.33	13-Jul-16	24.2
10112	63978.00	17778.00	6	28-Apr-16	149.22	151.29	151.30	13-Jul-16	24.1
10113	64003.00	17778.00	6	28-Apr-16	149.08	151.15	151.26	13-Jul-16	25.3
10114	64028.00	17778.00	6	28-Apr-16	149.12	151.19	151.22	13-Jul-16	24.4
10115	64053.00	17778.00	6	28-Apr-16	149.03	151.10	151.16	12-Jul-16	24.7
10116	64078.00	17778.00	6	28-Apr-16	149.13	151.20	151.26	12-Jul-16	24.7
10117	64103.00	17778.00	6	28-Apr-16	149.14	151.21	151.33	12-Jul-16	25.4
10118	64128.00	17778.00	6	28-Apr-16	148.39	150.46	150.47	12-Jul-16	24.1
10119	64153.00	17778.00	6	28-Apr-16	147.35	149.42	149.47	12-Jul-16	24.6
10120	64178.00	17778.00	6	28-Apr-16	146.18	148.25	148.35	12-Jul-16	25.2
10121	64203.00	17778.00	6	13-Jun-16	143.65	145.72	145.73	12-Jul-16	24.1
10122	64228.00	17778.00	6	13-Jun-16	140.21	142.28	142.42	12-Jul-16	25.7
10123	64253.00	17778.00	3	13-Jun-16	135.53	137.68	137.69	21-Jul-16	24.1
10124	64278.00	17778.00	3	13-Jun-16	127.20	129.35	129.36	21-Jul-16	24.1
10125	64303.00	17778.00	3	13-Jun-16	125.78	127.93	128.03	12-Jul-16	25.2
10126	63803.00	17803.00	3	9-May-16	124.69	126.84	126.86	26-Oct-16	24.2
10127	63828.00	17803.00	3	5-May-16	127.41	129.56	129.59	13-Jul-16	24.4
10128	63853.00	17803.00	3	28-Apr-16	135.67	137.82	137.85	13-Jul-16	24.4
10129	63878.00	17803.00	6	28-Apr-16	140.76	142.83	142.86	13-Jul-16	24.4
10130	63903.00	17803.00	6	28-Apr-16	144.92	146.99	146.99	13-Jul-16	24.0
10131	63928.00	17803.00	6	28-Apr-16	149.13	151.20	151.24	13-Jul-16	24.5
10132	63953.00	17803.00	6	28-Apr-16	152.52	154.59	154.63	13-Jul-16	24.5
10133	63978.00	17803.00	6	28-Apr-16	153.32	155.39	155.47	13-Jul-16	25.0
10134	64003.00	17803.00	6	28-Apr-16	153.38	155.45	155.47	13-Jul-16	24.2
10135	64028.00	17803.00	6	28-Apr-16	153.35	155.42	155.44	13-Jul-16	24.2
10136	64053.00	17803.00	6	28-Apr-16	153.28	155.35	155.40	12-Jul-16	24.6
10137	64078.00	17803.00	6	28-Apr-16	153.31	155.38	155.39	12-Jul-16	24.1
10138	64103.00	17803.00	6	28-Apr-16	153.28	155.35	155.37	12-Jul-16	24.2
10139	64128.00	17803.00	6	28-Apr-16	152.31	154.38	154.38	12-Jul-16	24.0
10140	64153.00	17803.00	6	28-Apr-16	151.37	153.44	153.47	12-Jul-16	24.4
10141	64178.00	17803.00	6	13-Jun-16	148.68	150.75	150.88	12-Jul-16	25.6
10142	64203.00	17803.00	6	13-Jun-16	144.85	146.92	147.09	12-Jul-16	26.0
10143	64228.00	17803.00	6	13-Jun-16	140.67	142.74	142.90	12-Jul-16	25.9
10144	64253.00	17803.00	3	13-Jun-16	135.65	137.80	137.84	21-Jul-16	24.5
10145	64278.00	17803.00	3	13-Jun-16	127.87	130.02	130.03	21-Jul-16	24.1
10146	64303.00	17803.00	3	13-Jun-16	125.56	127.71	127.88	20-Jul-16	26.0
10147	63803.00	17828.00	3	9-May-16	124.83	126.98	126.98	26-Oct-16	24.0
10148	63828.00	17828.00	3	5-May-16	127.42	129.57	129.61	13-Jul-16	24.5
10149	63853.00	17828.00	3	5-May-16	135.78	137.93	137.95	13-Jul-16	24.2

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10150	63878.00	17828.00	6	5-May-16	140.82	142.89	142.92	13-Jul-16	24.4
10151	63903.00	17828.00	6	5-May-16	144.96	147.03	147.04	13-Jul-16	24.1
10152	63928.00	17828.00	6	5-May-16	149.15	151.22	151.24	13-Jul-16	24.2
10153	63953.00	17828.00	6	28-Apr-16	153.32	155.39	155.41	13-Jul-16	24.2
10154	63978.00	17828.00	FLAT	28-Apr-16	155.70	157.74	157.79	13-Jul-16	24.6
10155	64003.00	17828.00	FLAT	28-Apr-16	155.70	157.74	157.93	13-Jul-16	26.3
10156	64028.00	17828.00	FLAT	28-Apr-16	155.80	157.84	157.90	13-Jul-16	24.7
10157	64053.00	17828.00	FLAT	28-Apr-16	155.82	157.86	157.91	12-Jul-16	24.6
10158	64078.00	17828.00	FLAT	28-Apr-16	155.82	157.86	157.93	12-Jul-16	24.8
10159	64103.00	17828.00	FLAT	28-Apr-16	155.74	157.78	157.89	12-Jul-16	25.3
10160	64128.00	17828.00	FLAT	28-Apr-16	155.49	157.53	157.56	12-Jul-16	24.3
10161	64153.00	17828.00	6	13-Jun-16	153.26	155.33	155.48	12-Jul-16	25.8
10162	64178.00	17828.00	6	13-Jun-16	149.08	151.15	151.23	12-Jul-16	25.0
10163	64203.00	17828.00	6	13-Jun-16	144.96	147.03	147.14	12-Jul-16	25.3
10164	64228.00	17828.00	6	13-Jun-16	140.73	142.80	142.98	12-Jul-16	26.2
10165	64253.00	17828.00	3	13-Jun-16	135.66	137.81	137.81	21-Jul-16	24.0
10166	64278.00	17828.00	3	13-Jun-16	127.67	129.82	129.85	22-Jul-16	24.4
10167	64303.00	17828.00	3	13-Jun-16	125.89	128.04	128.11	20-Jul-16	24.8
10168	63803.00	17853.00	3	9-May-16	125.01	127.16	127.18	26-Oct-16	24.2
10169	63828.00	17853.00	3	5-May-16	127.52	129.67	129.68	13-Jul-16	24.1
10170	63853.00	17853.00	3	5-May-16	135.77	137.92	137.93	13-Jul-16	24.1
10171	63878.00	17853.00	6	5-May-16	140.74	142.81	142.89	13-Jul-16	25.0
10172	63903.00	17853.00	6	5-May-16	144.97	147.04	147.09	13-Jul-16	24.6
10173	63928.00	17853.00	6	5-May-16	149.11	151.18	151.18	13-Jul-16	24.0
10174	63953.00	17853.00	6	28-Apr-16	153.32	155.39	155.41	13-Jul-16	24.2
10175	63978.00	17853.00	FLAT	28-Apr-16	155.80	157.84	157.86	13-Jul-16	24.2
10176	64003.00	17853.00	FLAT	28-Apr-16	156.62	158.66	158.85	13-Jul-16	26.3
10177	64028.00	17853.00	FLAT	28-Apr-16	156.80	158.84	158.95	13-Jul-16	25.3
10178	64053.00	17853.00	FLAT	28-Apr-16	156.80	158.84	158.94	12-Jul-16	25.2
10179	64078.00	17853.00	FLAT	28-Apr-16	156.80	158.84	158.84	12-Jul-16	24.0
10180	64103.00	17853.00	FLAT	28-Apr-16	156.60	158.64	158.71	12-Jul-16	24.8
10181	64128.00	17853.00	FLAT	13-Jun-16	155.51	157.55	157.77	12-Jul-16	26.6
10182	64153.00	17853.00	6	13-Jun-16	153.30	155.37	155.52	12-Jul-16	25.8
10183	64178.00	17853.00	6	13-Jun-16	149.17	151.24	151.42	12-Jul-16	26.2
10184	64203.00	17853.00	6	13-Jun-16	145.02	147.09	147.14	12-Jul-16	24.6
10185	64228.00	17853.00	6	13-Jun-16	140.80	142.87	143.04	12-Jul-16	26.0
10186	64253.00	17853.00	3	13-Jun-16	135.88	138.03	138.05	21-Jul-16	24.2
10187	64278.00	17853.00	3	13-Jun-16	127.55	129.70	129.71	21-Jul-16	24.1
10188	64303.00	17853.00	3	13-Jun-16	125.92	128.07	128.09	20-Jul-16	24.2
10189	63803.00	17878.00	3	9-May-16	125.21	127.36	127.36	26-Oct-16	24.0
10190	63828.00	17878.00	3	3-May-16	127.58	129.73	129.76	13-Jul-16	24.4
10191	63853.00	17878.00	3	3-May-16	135.73	137.88	137.90	13-Jul-16	24.2
10192	63878.00	17878.00	6	3-May-16	140.76	142.83	142.92	13-Jul-16	25.1
10193	63903.00	17878.00	6	3-May-16	144.98	147.05	147.13	13-Jul-16	25.0
10194	63928.00	17878.00	6	5-May-16	149.14	151.21	151.25	13-Jul-16	24.5
10195	63953.00	17878.00	6	28-Apr-16	153.26	155.33	155.39	13-Jul-16	24.7
10196	63978.00	17878.00	FLAT	28-Apr-16	155.78	157.82	157.88	13-Jul-16	24.7
10197	64003.00	17878.00	FLAT	28-Apr-16	156.76	158.80	158.89	13-Jul-16	25.1
10198	64028.00	17878.00	FLAT	28-Apr-16	157.77	159.81	159.96	13-Jul-16	25.8
10199	64053.00	17878.00	FLAT	28-Apr-16	157.86	159.90	160.07	12-Jul-16	26.0

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10200	64078.00	17878.00	FLAT	28-Apr-16	157.72	159.76	159.77	12-Jul-16	24.1
10201	64103.00	17878.00	FLAT	28-Apr-16	156.81	158.85	158.96	12-Jul-16	25.3
10202	64128.00	17878.00	FLAT	13-Jun-16	155.55	157.59	157.81	12-Jul-16	26.6
10203	64153.00	17878.00	6	13-Jun-16	153.41	155.48	155.53	12-Jul-16	24.6
10204	64178.00	17878.00	6	13-Jun-16	149.19	151.26	151.47	12-Jul-16	26.5
10205	64203.00	17878.00	6	13-Jun-16	145.10	147.17	147.18	12-Jul-16	24.1
10206	64228.00	17878.00	6	13-Jun-16	140.90	142.97	143.07	12-Jul-16	25.2
10207	64253.00	17878.00	3	13-Jun-16	136.15	138.30	138.39	21-Jul-16	25.1
10208	64278.00	17878.00	3	13-Jun-16	127.54	129.69	129.78	22-Jul-16	25.1
10209	64303.00	17878.00	3	13-Jun-16	125.80	127.95	128.02	20-Jul-16	24.8
10210	63803.00	17903.00	3	9-May-16	125.29	127.44	127.57	26-Oct-16	25.6
10211	63828.00	17903.00	3	3-May-16	127.40	129.55	129.58	10-Aug-16	24.4
10212	63853.00	17903.00	3	3-May-16	135.72	137.87	137.88	10-Aug-16	24.1
10213	63878.00	17903.00	6	3-May-16	140.74	142.81	142.88	13-Jul-16	24.8
10214	63903.00	17903.00	6	3-May-16	144.96	147.03	147.10	13-Jul-16	24.8
10215	63928.00	17903.00	6	28-Apr-16	149.13	151.20	151.23	13-Jul-16	24.4
10216	63953.00	17903.00	6	28-Apr-16	153.18	155.25	155.36	13-Jul-16	25.3
10217	63978.00	17903.00	FLAT	28-Apr-16	155.74	157.78	157.93	13-Jul-16	25.8
10218	64003.00	17903.00	FLAT	28-Apr-16	156.76	158.80	158.96	13-Jul-16	25.9
10219	64028.00	17903.00	FLAT	28-Apr-16	157.72	159.76	159.97	13-Jul-16	26.5
10220	64053.00	17903.00	FLAT	28-Apr-16	158.81	160.85	161.06	13-Jul-16	26.5
10221	64078.00	17903.00	FLAT	28-Apr-16	157.86	159.90	160.07	13-Jul-16	26.0
10222	64103.00	17903.00	FLAT	28-Apr-16	156.86	158.90	158.94	13-Jul-16	24.5
10223	64128.00	17903.00	FLAT	13-Jun-16	155.66	157.70	157.89	13-Jul-16	26.3
10224	64153.00	17903.00	6	13-Jun-16	153.54	155.61	155.69	13-Jul-16	25.0
10225	64178.00	17903.00	6	13-Jun-16	149.25	151.32	151.56	20-Jul-16	26.9
10226	64203.00	17903.00	6	13-Jun-16	145.15	147.22	147.33	20-Jul-16	25.3
10227	64228.00	17903.00	6	13-Jun-16	141.14	143.21	143.22	20-Jul-16	24.1
10228	64253.00	17903.00	3	13-Jun-16	136.48	138.63	138.64	21-Jul-16	24.1
10229	64278.00	17903.00	3	13-Jun-16	127.68	129.83	129.93	20-Jul-16	25.2
10230	64303.00	17903.00	3	13-Jun-16	125.90	128.05	128.06	20-Jul-16	24.1
10231	63803.00	17928.00	3	9-May-16	125.41	127.56	127.56	26-Oct-16	24.0
10232	63828.00	17928.00	3	3-May-16	127.37	129.52	129.54	10-Aug-16	24.2
10233	63853.00	17928.00	3	3-May-16	135.70	137.85	137.93	10-Aug-16	25.0
10234	63878.00	17928.00	6	3-May-16	140.85	142.92	142.93	28-Jul-16	24.1
10235	63903.00	17928.00	6	3-May-16	144.90	146.97	146.99	28-Jul-16	24.2
10236	63928.00	17928.00	6	28-Apr-16	149.12	151.19	151.21	28-Jul-16	24.2
10237	63953.00	17928.00	6	28-Apr-16	153.33	155.40	155.45	28-Jul-16	24.6
10238	63978.00	17928.00	FLAT	28-Apr-16	155.80	157.84	157.84	28-Jul-16	24.0
10239	64003.00	17928.00	FLAT	28-Apr-16	156.78	158.82	158.83	28-Jul-16	24.1
10240	64028.00	17928.00	FLAT	28-Apr-16	157.77	159.81	159.84	28-Jul-16	24.3
10241	64053.00	17928.00	FLAT	28-Apr-16	158.78	160.82	160.85	20-Jul-16	24.3
10242	64078.00	17928.00	FLAT	28-Apr-16	157.84	159.88	160.02	20-Jul-16	25.7
10243	64103.00	17928.00	FLAT	28-Apr-16	156.88	158.92	158.95	20-Jul-16	24.3
10244	64128.00	17928.00	FLAT	20-Jun-16	155.89	157.93	157.94	20-Jul-16	24.1
10245	64153.00	17928.00	6	20-Jun-16	153.73	155.80	155.81	20-Jul-16	24.1
10246	64178.00	17928.00	6	20-Jun-16	149.54	151.61	151.64	20-Jul-16	24.4
10247	64203.00	17928.00	6	20-Jun-16	145.34	147.41	147.45	20-Jul-16	24.5
10248	64228.00	17928.00	6	20-Jun-16	141.21	143.28	143.31	20-Jul-16	24.4
10249	64253.00	17928.00	3	20-Jun-16	136.65	138.80	138.82	21-Jul-16	24.2

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10250	64278.00	17928.00	3	20-Jun-16	128.36	130.51	130.52	21-Jul-16	24.1
10251	64303.00	17928.00	3	20-Jun-16	125.91	128.06	128.10	20-Jul-16	24.5
10252	63803.00	17953.00	3	9-May-16	125.54	127.69	127.70	26-Oct-16	24.1
10253	63828.00	17953.00	3	3-May-16	127.45	129.60	129.61	10-Aug-16	24.1
10254	63853.00	17953.00	3	3-May-16	135.72	137.87	137.91	10-Aug-16	24.5
10255	63878.00	17953.00	6	3-May-16	140.82	142.89	142.89	28-Jul-16	24.0
10256	63903.00	17953.00	6	3-May-16	144.90	146.97	147.00	28-Jul-16	24.4
10257	63928.00	17953.00	6	3-May-16	149.05	151.12	151.13	28-Jul-16	24.1
10258	63953.00	17953.00	6	3-May-16	153.29	155.36	155.36	28-Jul-16	24.0
10259	63978.00	17953.00	FLAT	11-May-16	155.79	157.83	157.84	28-Jul-16	24.1
10260	64003.00	17953.00	FLAT	11-May-16	156.76	158.80	158.82	28-Jul-16	24.2
10261	64028.00	17953.00	FLAT	11-May-16	157.80	159.84	159.87	28-Jul-16	24.3
10262	64053.00	17953.00	FLAT	11-May-16	158.71	160.75	160.90	20-Jul-16	25.8
10263	64078.00	17953.00	FLAT	20-Jun-16	157.90	159.94	160.05	20-Jul-16	25.3
10264	64103.00	17953.00	FLAT	20-Jun-16	156.89	158.93	158.94	20-Jul-16	24.1
10265	64128.00	17953.00	FLAT	20-Jun-16	155.90	157.94	157.98	20-Jul-16	24.5
10266	64153.00	17953.00	6	20-Jun-16	153.75	155.82	155.87	20-Jul-16	24.6
10267	64178.00	17953.00	6	20-Jun-16	149.60	151.67	151.70	20-Jul-16	24.4
10268	64203.00	17953.00	6	20-Jun-16	145.50	147.57	147.60	20-Jul-16	24.4
10269	64228.00	17953.00	6	20-Jun-16	141.29	143.36	143.37	20-Jul-16	24.1
10270	64253.00	17953.00	3	20-Jun-16	136.82	138.97	138.97	20-Jul-16	24.0
10271	64278.00	17953.00	3	20-Jun-16	128.55	130.70	130.71	20-Jul-16	24.1
10272	64303.00	17953.00	3	20-Jun-16	126.14	128.29	128.30	20-Jul-16	24.1
10273	63803.00	17978.00	3	23-May-16	125.63	127.78	127.78	26-Oct-16	24.0
10274	63828.00	17978.00	3	23-May-16	127.47	129.62	129.65	10-Aug-16	24.4
10275	63853.00	17978.00	3	23-May-16	135.82	137.97	138.00	10-Aug-16	24.4
10276	63878.00	17978.00	6	23-May-16	140.82	142.89	142.92	28-Jul-16	24.4
10277	63903.00	17978.00	6	23-May-16	144.89	146.96	146.97	28-Jul-16	24.1
10278	63928.00	17978.00	6	23-May-16	149.07	151.14	151.15	28-Jul-16	24.1
10279	63953.00	17978.00	6	23-May-16	153.29	155.36	155.39	28-Jul-16	24.4
10280	63978.00	17978.00	FLAT	23-May-16	155.84	157.88	157.89	28-Jul-16	24.1
10281	64003.00	17978.00	FLAT	23-May-16	156.88	158.92	158.92	28-Jul-16	24.0
10282	64028.00	17978.00	FLAT	23-May-16	157.81	159.85	159.88	28-Jul-16	24.3
10283	64053.00	17978.00	FLAT	23-May-16	158.84	160.88	160.90	20-Jul-16	24.2
10284	64078.00	17978.00	FLAT	20-Jun-16	157.91	159.95	160.00	20-Jul-16	24.6
10285	64103.00	17978.00	FLAT	20-Jun-16	156.92	158.96	159.00	20-Jul-16	24.5
10286	64128.00	17978.00	FLAT	20-Jun-16	155.88	157.92	158.00	20-Jul-16	24.9
10287	64153.00	17978.00	6	20-Jun-16	153.85	155.92	155.93	20-Jul-16	24.1
10288	64178.00	17978.00	6	20-Jun-16	149.68	151.75	151.78	20-Jul-16	24.4
10289	64203.00	17978.00	6	20-Jun-16	145.52	147.59	147.60	20-Jul-16	24.1
10290	64228.00	17978.00	6	20-Jun-16	141.36	143.43	143.47	20-Jul-16	24.5
10291	64253.00	17978.00	3	20-Jun-16	136.92	139.07	139.09	21-Jul-16	24.2
10292	64278.00	17978.00	3	20-Jun-16	128.65	130.80	130.82	21-Jul-16	24.2
10293	64303.00	17978.00	3	20-Jun-16	126.41	128.56	128.57	20-Jul-16	24.1
10294	63803.00	18003.00	3	23-May-16	125.77	127.92	127.93	26-Oct-16	24.1
10295	63828.00	18003.00	3	23-May-16	127.46	129.61	129.69	10-Aug-16	25.0
10296	63853.00	18003.00	3	23-May-16	135.83	137.98	137.99	10-Aug-16	24.1
10297	63878.00	18003.00	6	23-May-16	140.82	142.89	142.93	28-Jul-16	24.5
10298	63903.00	18003.00	6	23-May-16	145.00	147.07	147.12	28-Jul-16	24.6
10299	63928.00	18003.00	6	23-May-16	149.20	151.27	151.27	28-Jul-16	24.0

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10300	63953.00	18003.00	6	23-May-16	153.38	155.45	155.45	28-Jul-16	24.0
10301	63978.00	18003.00	FLAT	23-May-16	155.89	157.93	157.94	28-Jul-16	24.1
10302	64003.00	18003.00	FLAT	23-May-16	156.88	158.92	158.94	28-Jul-16	24.2
10303	64028.00	18003.00	FLAT	23-May-16	157.87	159.91	159.93	28-Jul-16	24.2
10304	64053.00	18003.00	FLAT	23-May-16	158.89	160.93	160.94	20-Jul-16	24.1
10305	64078.00	18003.00	FLAT	20-Jun-16	157.96	160.00	160.08	20-Jul-16	24.9
10306	64103.00	18003.00	FLAT	20-Jun-16	156.98	159.02	159.05	20-Jul-16	24.3
10307	64128.00	18003.00	FLAT	20-Jun-16	155.92	157.96	158.06	20-Jul-16	25.2
10308	64153.00	18003.00	6	20-Jun-16	153.86	155.93	156.02	20-Jul-16	25.1
10309	64178.00	18003.00	6	20-Jun-16	149.76	151.83	151.85	20-Jul-16	24.2
10310	64203.00	18003.00	6	20-Jun-16	145.60	147.67	147.69	20-Jul-16	24.2
10311	64228.00	18003.00	6	20-Jun-16	141.45	143.52	143.53	20-Jul-16	24.1
10312	64253.00	18003.00	3	20-Jun-16	137.04	139.19	139.23	21-Jul-16	24.5
10313	64278.00	18003.00	3	20-Jun-16	128.81	130.96	130.96	22-Jul-16	24.0
10314	64303.00	18003.00	3	20-Jun-16	126.50	128.65	128.68	22-Jul-16	24.4
10315	63803.00	18028.00	3	23-May-16	125.87	128.02	128.02	26-Oct-16	24.0
10316	63828.00	18028.00	3	23-May-16	127.49	129.64	129.69	10-Aug-16	24.6
10317	63853.00	18028.00	3	23-May-16	135.76	137.91	137.92	10-Aug-16	24.1
10318	63878.00	18028.00	6	23-May-16	140.85	142.92	142.94	28-Jul-16	24.2
10319	63903.00	18028.00	6	23-May-16	144.98	147.05	147.08	28-Jul-16	24.4
10320	63928.00	18028.00	6	23-May-16	149.15	151.22	151.23	28-Jul-16	24.1
10321	63953.00	18028.00	6	23-May-16	153.34	155.41	155.44	28-Jul-16	24.4
10322	63978.00	18028.00	FLAT	23-May-16	155.88	157.92	157.93	28-Jul-16	24.1
10323	64003.00	18028.00	FLAT	23-May-16	156.89	158.93	158.95	28-Jul-16	24.2
10324	64028.00	18028.00	FLAT	23-May-16	157.88	159.92	159.94	28-Jul-16	24.2
10325	64053.00	18028.00	FLAT	23-May-16	158.90	160.94	160.95	20-Jul-16	24.1
10326	64078.00	18028.00	FLAT	20-Jun-16	157.97	160.01	160.06	20-Jul-16	24.6
10327	64103.00	18028.00	FLAT	20-Jun-16	156.98	159.02	159.05	20-Jul-16	24.3
10328	64128.00	18028.00	FLAT	20-Jun-16	155.95	157.99	158.03	20-Jul-16	24.5
10329	64153.00	18028.00	6	20-Jun-16	153.99	156.06	156.09	20-Jul-16	24.4
10330	64178.00	18028.00	6	20-Jun-16	149.86	151.93	151.94	20-Jul-16	24.1
10331	64203.00	18028.00	6	20-Jun-16	145.68	147.75	147.77	20-Jul-16	24.2
10332	64228.00	18028.00	6	20-Jun-16	141.52	143.59	143.61	20-Jul-16	24.2
10333	64253.00	18028.00	3	20-Jun-16	137.21	139.36	139.38	21-Jul-16	24.2
10334	64278.00	18028.00	3	20-Jun-16	128.93	131.08	131.10	22-Jul-16	24.2
10335	64303.00	18028.00	3	20-Jun-16	126.46	128.61	128.62	20-Jul-16	24.1
10336	63803.00	18053.00	3	23-May-16	125.97	128.12	128.12	26-Oct-16	24.0
10337	63828.00	18053.00	3	23-May-16	127.54	129.69	129.72	10-Aug-16	24.4
10338	63853.00	18053.00	3	23-May-16	135.81	137.96	138.02	10-Aug-16	24.7
10339	63878.00	18053.00	6	23-May-16	140.77	142.84	142.86	28-Jul-16	24.2
10340	63903.00	18053.00	6	23-May-16	144.99	147.06	147.10	28-Jul-16	24.5
10341	63928.00	18053.00	6	23-May-16	149.14	151.21	151.23	28-Jul-16	24.2
10342	63953.00	18053.00	6	23-May-16	153.35	155.42	155.45	28-Jul-16	24.4
10343	63978.00	18053.00	FLAT	23-May-16	155.86	157.90	157.92	28-Jul-16	24.2
10344	64003.00	18053.00	FLAT	23-May-16	156.91	158.95	158.98	28-Jul-16	24.3
10345	64028.00	18053.00	FLAT	23-May-16	157.93	159.97	160.00	28-Jul-16	24.3
10346	64053.00	18053.00	FLAT	23-May-16	158.89	160.93	160.95	20-Jul-16	24.2
10347	64078.00	18053.00	FLAT	20-Jun-16	158.00	160.04	160.12	20-Jul-16	24.9
10348	64103.00	18053.00	FLAT	20-Jun-16	157.02	159.06	159.08	20-Jul-16	24.2
10349	64128.00	18053.00	FLAT	20-Jun-16	155.96	158.00	158.02	20-Jul-16	24.2

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10350	64153.00	18053.00	6	20-Jun-16	154.10	156.17	156.18	20-Jul-16	24.1
10351	64178.00	18053.00	6	20-Jun-16	149.88	151.95	151.97	20-Jul-16	24.2
10352	64203.00	18053.00	6	20-Jun-16	145.73	147.80	147.81	20-Jul-16	24.1
10353	64228.00	18053.00	6	20-Jun-16	141.58	143.65	143.66	20-Jul-16	24.1
10354	64253.00	18053.00	3	20-Jun-16	137.34	139.49	139.49	21-Jul-16	24.0
10355	64278.00	18053.00	3	20-Jun-16	129.11	131.26	131.28	21-Jul-16	24.2
10356	64303.00	18053.00	3	20-Jun-16	126.49	128.64	128.64	20-Jul-16	24.0
10357	63803.00	18078.00	3	23-May-16	125.86	128.01	128.06	26-Oct-16	24.6
10358	63828.00	18078.00	3	23-May-16	127.48	129.63	129.69	10-Aug-16	24.7
10359	63853.00	18078.00	3	23-May-16	135.73	137.88	137.93	10-Aug-16	24.6
10360	63878.00	18078.00	6	23-May-16	140.75	142.82	142.82	28-Jul-16	24.0
10361	63903.00	18078.00	6	23-May-16	145.00	147.07	147.10	28-Jul-16	24.4
10362	63928.00	18078.00	6	23-May-16	149.17	151.24	151.26	28-Jul-16	24.2
10363	63953.00	18078.00	6	23-May-16	153.28	155.35	155.37	28-Jul-16	24.2
10364	63978.00	18078.00	FLAT	23-May-16	155.86	157.90	157.93	28-Jul-16	24.3
10365	64003.00	18078.00	FLAT	23-May-16	156.88	158.92	158.94	28-Jul-16	24.2
10366	64028.00	18078.00	FLAT	23-May-16	157.89	159.93	159.95	28-Jul-16	24.2
10367	64053.00	18078.00	FLAT	23-May-16	158.92	160.96	160.98	20-Jul-16	24.2
10368	64078.00	18078.00	FLAT	20-Jun-16	158.00	160.04	160.11	20-Jul-16	24.8
10369	64103.00	18078.00	FLAT	20-Jun-16	157.01	159.05	159.15	20-Jul-16	25.2
10370	64128.00	18078.00	FLAT	20-Jun-16	156.01	158.05	158.06	20-Jul-16	24.1
10371	64153.00	18078.00	6	20-Jun-16	154.12	156.19	156.22	20-Jul-16	24.4
10372	64178.00	18078.00	6	20-Jun-16	150.02	152.09	152.11	20-Jul-16	24.2
10373	64203.00	18078.00	6	20-Jun-16	145.82	147.89	147.91	20-Jul-16	24.2
10374	64228.00	18078.00	6	20-Jun-16	141.67	143.74	143.75	20-Jul-16	24.1
10375	64253.00	18078.00	3	20-Jun-16	137.45	139.60	139.61	22-Jul-16	24.1
10376	64278.00	18078.00	3	20-Jun-16	129.27	131.42	131.43	22-Jul-16	24.1
10377	64303.00	18078.00	3	20-Jun-16	126.52	128.67	128.68	22-Jul-16	24.1
10378	63803.00	18103.00	3	23-May-16	125.72	127.87	128.01	26-Oct-16	25.7
10379	63828.00	18103.00	3	23-May-16	127.58	129.73	129.74	10-Aug-16	24.1
10380	63853.00	18103.00	3	23-May-16	135.68	137.83	137.86	10-Aug-16	24.4
10381	63878.00	18103.00	6	23-May-16	140.81	142.88	142.89	28-Jul-16	24.1
10382	63903.00	18103.00	6	23-May-16	145.03	147.10	147.11	28-Jul-16	24.1
10383	63928.00	18103.00	6	23-May-16	149.13	151.20	151.22	28-Jul-16	24.2
10384	63953.00	18103.00	6	23-May-16	153.25	155.32	155.34	28-Jul-16	24.2
10385	63978.00	18103.00	FLAT	23-May-16	155.87	157.91	157.93	28-Jul-16	24.2
10386	64003.00	18103.00	FLAT	23-May-16	156.89	158.93	158.95	28-Jul-16	24.2
10387	64028.00	18103.00	FLAT	23-May-16	157.94	159.98	159.99	28-Jul-16	24.1
10388	64053.00	18103.00	FLAT	23-May-16	158.90	160.94	160.94	20-Jul-16	24.0
10389	64078.00	18103.00	FLAT	20-Jun-16	158.02	160.06	160.08	20-Jul-16	24.2
10390	64103.00	18103.00	FLAT	20-Jun-16	157.05	159.09	159.13	20-Jul-16	24.5
10391	64128.00	18103.00	FLAT	20-Jun-16	156.03	158.07	158.08	20-Jul-16	24.1
10392	64153.00	18103.00	6	20-Jun-16	154.22	156.29	156.32	20-Jul-16	24.4
10393	64178.00	18103.00	6	20-Jun-16	150.15	152.22	152.23	20-Jul-16	24.1
10394	64203.00	18103.00	6	20-Jun-16	145.88	147.95	147.97	20-Jul-16	24.2
10395	64228.00	18103.00	6	20-Jun-16	141.72	143.79	143.81	20-Jul-16	24.2
10396	64253.00	18103.00	6	20-Jun-16	137.50	139.57	139.61	22-Jul-16	24.5
10397	64278.00	18103.00	3	20-Jun-16	129.36	131.51	131.52	22-Jul-16	24.1
10398	64303.00	18103.00	3	20-Jun-16	126.49	128.64	128.64	22-Jul-16	24.0
10399	63803.00	18128.00	3	23-May-16	125.60	127.75	127.86	26-Oct-16	25.3

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10400	63828.00	18128.00	3	23-May-16	127.45	129.60	129.62	10-Aug-16	24.2
10401	63853.00	18128.00	3	23-May-16	135.76	137.91	137.92	10-Aug-16	24.1
10402	63878.00	18128.00	6	23-May-16	140.70	142.77	142.84	10-Aug-16	24.8
10403	63903.00	18128.00	6	23-May-16	145.01	147.08	147.11	10-Aug-16	24.4
10404	63928.00	18128.00	6	23-May-16	149.12	151.19	151.27	10-Aug-16	25.0
10405	63953.00	18128.00	6	23-May-16	153.32	155.39	155.43	10-Aug-16	24.5
10406	63978.00	18128.00	FLAT	23-May-16	155.85	157.89	157.90	28-Jul-16	24.1
10407	64003.00	18128.00	FLAT	23-May-16	156.90	158.94	158.96	28-Jul-16	24.2
10408	64028.00	18128.00	FLAT	23-May-16	157.88	159.92	159.99	28-Jul-16	24.8
10409	64053.00	18128.00	FLAT	23-May-16	158.88	160.92	160.92	20-Jul-16	24.0
10410	64078.00	18128.00	FLAT	20-Jun-16	158.06	160.10	160.11	20-Jul-16	24.1
10411	64103.00	18128.00	FLAT	20-Jun-16	157.06	159.10	159.10	20-Jul-16	24.0
10412	64128.00	18128.00	FLAT	20-Jun-16	156.06	158.10	158.13	20-Jul-16	24.3
10413	64153.00	18128.00	6	20-Jun-16	154.29	156.36	156.39	20-Jul-16	24.4
10414	64178.00	18128.00	6	20-Jun-16	150.13	152.20	152.24	20-Jul-16	24.5
10415	64203.00	18128.00	6	20-Jun-16	145.97	148.04	148.05	20-Jul-16	24.1
10416	64228.00	18128.00	6	20-Jun-16	141.83	143.90	143.93	20-Jul-16	24.4
10417	64253.00	18128.00	6	20-Jun-16	137.63	139.70	139.77	22-Jul-16	24.8
10418	64278.00	18128.00	3	20-Jun-16	129.51	131.66	131.69	22-Jul-16	24.4
10419	64303.00	18128.00	3	20-Jun-16	126.62	128.77	128.81	22-Jul-16	24.5
10420	63803.00	18153.00	3	23-May-16	125.45	127.60	127.60	26-Oct-16	24.0
10421	63828.00	18153.00	3	23-May-16	127.59	129.74	129.76	10-Aug-16	24.2
10422	63853.00	18153.00	3	23-May-16	135.78	137.93	137.98	10-Aug-16	24.6
10423	63878.00	18153.00	6	23-May-16	140.76	142.83	142.89	10-Aug-16	24.7
10424	63903.00	18153.00	6	23-May-16	144.97	147.04	147.10	10-Aug-16	24.7
10425	63928.00	18153.00	6	23-May-16	149.13	151.20	151.24	10-Aug-16	24.5
10426	63953.00	18153.00	6	23-May-16	153.30	155.37	155.41	10-Aug-16	24.5
10427	63978.00	18153.00	FLAT	23-May-16	155.87	157.91	157.94	28-Jul-16	24.3
10428	64003.00	18153.00	FLAT	23-May-16	156.84	158.88	158.90	28-Jul-16	24.2
10429	64028.00	18153.00	FLAT	23-May-16	157.85	159.89	159.90	9-Aug-16	24.1
10430	64053.00	18153.00	FLAT	23-May-16	158.90	160.94	160.95	9-Aug-16	24.1
10431	64078.00	18153.00	FLAT	20-Jun-16	158.06	160.10	160.15	9-Aug-16	24.6
10432	64103.00	18153.00	FLAT	20-Jun-16	157.07	159.11	159.14	9-Aug-16	24.3
10433	64128.00	18153.00	FLAT	20-Jun-16	156.06	158.10	158.11	9-Aug-16	24.1
10434	64153.00	18153.00	6	20-Jun-16	154.39	156.46	156.48	9-Aug-16	24.2
10435	64178.00	18153.00	6	20-Jun-16	150.22	152.29	152.31	20-Jul-16	24.2
10436	64203.00	18153.00	6	20-Jun-16	146.06	148.13	148.15	20-Jul-16	24.2
10437	64228.00	18153.00	6	20-Jun-16	141.87	143.94	143.96	20-Jul-16	24.2
10438	64253.00	18153.00	6	20-Jun-16	137.71	139.78	139.81	22-Jul-16	24.4
10439	64278.00	18153.00	3	20-Jun-16	129.65	131.80	131.85	22-Jul-16	24.6
10440	64303.00	18153.00	3	20-Jun-16	126.90	129.05	129.06	22-Jul-16	24.1
10441	63803.00	18178.00	3	15-Jun-16	125.27	127.42	127.42	26-Oct-16	24.0
10442	63828.00	18178.00	3	23-May-16	127.41	129.56	129.60	10-Aug-16	24.5
10443	63853.00	18178.00	3	23-May-16	135.82	137.97	137.99	10-Aug-16	24.2
10444	63878.00	18178.00	6	23-May-16	140.79	142.86	142.90	10-Aug-16	24.5
10445	63903.00	18178.00	6	23-May-16	145.03	147.10	147.13	10-Aug-16	24.4
10446	63928.00	18178.00	6	23-May-16	149.17	151.24	151.24	10-Aug-16	24.0
10447	63953.00	18178.00	6	23-May-16	153.29	155.36	155.37	10-Aug-16	24.1
10448	63978.00	18178.00	FLAT	23-May-16	155.82	157.86	157.89	28-Jul-16	24.3
10449	64003.00	18178.00	FLAT	23-May-16	156.81	158.85	158.88	28-Jul-16	24.3

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10450	64028.00	18178.00	FLAT	23-May-16	157.78	159.82	159.87	9-Aug-16	24.6
10451	64053.00	18178.00	FLAT	23-May-16	158.84	160.88	160.89	9-Aug-16	24.1
10452	64078.00	18178.00	FLAT	21-Jun-16	158.06	160.10	160.18	9-Aug-16	24.9
10453	64103.00	18178.00	FLAT	21-Jun-16	157.07	159.11	159.13	9-Aug-16	24.2
10454	64128.00	18178.00	FLAT	21-Jun-16	156.07	158.11	158.14	9-Aug-16	24.3
10455	64153.00	18178.00	6	21-Jun-16	154.47	156.54	156.58	9-Aug-16	24.5
10456	64178.00	18178.00	6	21-Jun-16	150.29	152.36	152.38	9-Aug-16	24.2
10457	64203.00	18178.00	6	21-Jun-16	146.12	148.19	148.22	9-Aug-16	24.4
10458	64228.00	18178.00	6	21-Jun-16	141.95	144.02	144.06	9-Aug-16	24.5
10459	64253.00	18178.00	6	21-Jun-16	137.80	139.87	139.87	9-Aug-16	24.0
10460	64278.00	18178.00	3	21-Jun-16	129.80	131.95	132.00	13-Aug-16	24.6
10461	64303.00	18178.00	3	21-Jun-16	127.00	129.15	129.16	13-Aug-16	24.1
10462	63803.00	18203.00	3	1-Jun-16	125.23	127.38	127.39	26-Oct-16	24.1
10463	63828.00	18203.00	3	1-Jun-16	127.50	129.65	129.66	10-Aug-16	24.1
10464	63853.00	18203.00	3	1-Jun-16	135.74	137.89	137.91	10-Aug-16	24.2
10465	63878.00	18203.00	6	1-Jun-16	140.81	142.88	142.94	10-Aug-16	24.7
10466	63903.00	18203.00	6	1-Jun-16	144.98	147.05	147.09	10-Aug-16	24.5
10467	63928.00	18203.00	6	1-Jun-16	149.18	151.25	151.28	10-Aug-16	24.4
10468	63953.00	18203.00	6	1-Jun-16	153.30	155.37	155.38	10-Aug-16	24.1
10469	63978.00	18203.00	FLAT	1-Jun-16	155.79	157.83	157.83	28-Jul-16	24.0
10470	64003.00	18203.00	FLAT	1-Jun-16	156.82	158.86	158.88	28-Jul-16	24.2
10471	64028.00	18203.00	FLAT	1-Jun-16	157.82	159.86	159.89	9-Aug-16	24.3
10472	64053.00	18203.00	FLAT	1-Jun-16	158.87	160.91	160.92	9-Aug-16	24.1
10473	64078.00	18203.00	FLAT	21-Jun-16	158.14	160.18	160.20	9-Aug-16	24.2
10474	64103.00	18203.00	FLAT	21-Jun-16	157.12	159.16	159.16	9-Aug-16	24.0
10475	64128.00	18203.00	FLAT	21-Jun-16	156.09	158.13	158.19	9-Aug-16	24.7
10476	64153.00	18203.00	6	21-Jun-16	154.52	156.59	156.61	9-Aug-16	24.2
10477	64178.00	18203.00	6	21-Jun-16	150.35	152.42	152.47	9-Aug-16	24.6
10478	64203.00	18203.00	6	21-Jun-16	146.19	148.29	148.29	9-Aug-16	24.0
10479	64228.00	18203.00	6	21-Jun-16	142.04	144.14	144.14	9-Aug-16	24.0
10480	64253.00	18203.00	6	21-Jun-16	137.87	139.94	139.94	9-Aug-16	24.0
10481	64278.00	18203.00	3	21-Jun-16	130.01	132.16	132.17	13-Aug-16	24.1
10482	64303.00	18203.00	3	21-Jun-16	126.99	129.14	129.16	13-Aug-16	24.2
10483	63803.00	18228.00	3	1-Jun-16	125.11	127.26	127.26	26-Oct-16	24.0
10484	63828.00	18228.00	3	1-Jun-16	127.54	129.69	129.73	10-Aug-16	24.5
10485	63853.00	18228.00	3	1-Jun-16	135.73	137.88	137.90	10-Aug-16	24.2
10486	63878.00	18228.00	6	1-Jun-16	140.82	142.89	142.93	10-Aug-16	24.5
10487	63903.00	18228.00	6	1-Jun-16	145.03	147.10	147.13	10-Aug-16	24.4
10488	63928.00	18228.00	6	1-Jun-16	149.15	151.22	151.26	10-Aug-16	24.5
10489	63953.00	18228.00	6	1-Jun-16	153.29	155.36	155.39	10-Aug-16	24.4
10490	63978.00	18228.00	FLAT	1-Jun-16	155.78	157.82	157.83	9-Aug-16	24.1
10491	64003.00	18228.00	FLAT	1-Jun-16	156.82	158.86	158.86	9-Aug-16	24.0
10492	64028.00	18228.00	FLAT	1-Jun-16	157.82	159.86	159.87	9-Aug-16	24.1
10493	64053.00	18228.00	FLAT	1-Jun-16	158.83	160.87	160.91	9-Aug-16	24.5
10494	64078.00	18228.00	FLAT	21-Jun-16	158.16	160.20	160.22	9-Aug-16	24.2
10495	64103.00	18228.00	FLAT	21-Jun-16	157.15	159.19	159.19	9-Aug-16	24.0
10496	64128.00	18228.00	FLAT	21-Jun-16	156.10	158.14	158.21	9-Aug-16	24.8
10497	64153.00	18228.00	6	21-Jun-16	154.58	156.65	156.67	9-Aug-16	24.2
10498	64178.00	18228.00	6	21-Jun-16	150.39	152.46	152.52	9-Aug-16	24.7
10499	64203.00	18228.00	6	21-Jun-16	146.23	148.30	148.35	9-Aug-16	24.6

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10500	64228.00	18228.00	6	21-Jun-16	142.07	144.14	144.18	9-Aug-16	24.5
10501	64253.00	18228.00	6	21-Jun-16	137.94	140.01	140.02	9-Aug-16	24.1
10502	64278.00	18228.00	3	21-Jun-16	130.07	132.22	132.22	13-Aug-16	24.0
10503	64303.00	18228.00	3	21-Jun-16	127.02	129.17	129.17	13-Aug-16	24.0
10504	63803.00	18253.00	3	1-Jun-16	124.97	127.12	127.13	26-Oct-16	24.1
10505	63828.00	18253.00	3	1-Jun-16	127.55	129.70	129.70	10-Aug-16	24.0
10506	63853.00	18253.00	3	1-Jun-16	135.72	137.87	137.92	10-Aug-16	24.6
10507	63878.00	18253.00	6	1-Jun-16	140.81	142.88	142.96	10-Aug-16	25.0
10508	63903.00	18253.00	6	1-Jun-16	145.02	147.09	147.14	10-Aug-16	24.6
10509	63928.00	18253.00	6	1-Jun-16	149.16	151.23	151.27	10-Aug-16	24.5
10510	63953.00	18253.00	6	1-Jun-16	153.34	155.41	155.47	10-Aug-16	24.7
10511	63978.00	18253.00	FLAT	1-Jun-16	155.84	157.88	157.93	9-Aug-16	24.6
10512	64003.00	18253.00	FLAT	1-Jun-16	156.86	158.90	158.91	9-Aug-16	24.1
10513	64028.00	18253.00	FLAT	1-Jun-16	157.86	159.90	159.91	9-Aug-16	24.1
10514	64053.00	18253.00	FLAT	1-Jun-16	158.84	160.88	160.91	9-Aug-16	24.3
10515	64078.00	18253.00	FLAT	21-Jun-16	158.20	160.24	160.29	9-Aug-16	24.6
10516	64103.00	18253.00	FLAT	21-Jun-16	157.15	159.19	159.26	9-Aug-16	24.8
10517	64128.00	18253.00	FLAT	21-Jun-16	156.11	158.15	158.27	9-Aug-16	25.4
10518	64153.00	18253.00	6	21-Jun-16	154.66	156.73	156.75	9-Aug-16	24.2
10519	64178.00	18253.00	6	21-Jun-16	150.51	152.58	152.60	9-Aug-16	24.2
10520	64203.00	18253.00	6	21-Jun-16	146.33	148.40	148.43	9-Aug-16	24.4
10521	64228.00	18253.00	6	21-Jun-16	142.19	144.26	144.27	9-Aug-16	24.1
10522	64253.00	18253.00	6	21-Jun-16	137.98	140.05	140.08	9-Aug-16	24.4
10523	64278.00	18253.00	3	21-Jun-16	130.22	132.37	132.45	13-Aug-16	25.0
10524	64303.00	18253.00	3	21-Jun-16	127.03	129.18	129.19	13-Aug-16	24.1
10532	63803.00	18278.00	3	1-Jun-16	124.86	127.01	127.10	26-Oct-16	25.1
10533	63828.00	18278.00	3	1-Jun-16	127.55	129.70	129.75	10-Aug-16	24.6
10534	63853.00	18278.00	3	1-Jun-16	135.71	137.86	137.91	10-Aug-16	24.6
10535	63878.00	18278.00	6	1-Jun-16	140.81	142.88	142.95	10-Aug-16	24.8
10536	63903.00	18278.00	6	1-Jun-16	144.98	147.05	147.08	10-Aug-16	24.4
10537	63928.00	18278.00	6	1-Jun-16	149.18	151.25	151.32	10-Aug-16	24.8
10538	63953.00	18278.00	6	1-Jun-16	153.33	155.40	155.43	10-Aug-16	24.4
10539	63978.00	18278.00	FLAT	1-Jun-16	155.83	157.87	157.89	9-Aug-16	24.2
10540	64003.00	18278.00	FLAT	1-Jun-16	156.87	158.91	158.93	9-Aug-16	24.2
10541	64028.00	18278.00	FLAT	1-Jun-16	157.86	159.90	159.91	9-Aug-16	24.1
10542	64053.00	18278.00	FLAT	1-Jun-16	158.85	160.89	160.93	9-Aug-16	24.5
10543	64078.00	18278.00	FLAT	21-Jun-16	158.20	160.24	160.30	9-Aug-16	24.7
10544	64103.00	18278.00	FLAT	21-Jun-16	157.17	159.21	159.28	9-Aug-16	24.8
10545	64128.00	18278.00	FLAT	21-Jun-16	156.14	158.18	158.19	9-Aug-16	24.1
10546	64153.00	18278.00	6	21-Jun-16	154.74	156.81	156.85	9-Aug-16	24.5
10547	64178.00	18278.00	6	21-Jun-16	150.57	152.64	152.67	9-Aug-16	24.4
10548	64203.00	18278.00	6	21-Jun-16	146.42	148.49	148.51	9-Aug-16	24.2
10549	64228.00	18278.00	6	21-Jun-16	142.24	144.31	144.31	9-Aug-16	24.0
10550	64253.00	18278.00	6	21-Jun-16	138.06	140.13	140.14	13-Aug-16	24.1
10551	64278.00	18278.00	3	21-Jun-16	130.36	132.51	132.55	13-Aug-16	24.5
10552	64303.00	18278.00	3	21-Jun-16	127.07	129.22	129.24	13-Aug-16	24.2
10553	63803.00	18303.00	3	1-Jun-16	124.73	126.88	126.93	26-Oct-16	24.6
10554	63828.00	18303.00	3	1-Jun-16	127.56	129.71	129.71	16-Aug-16	24.0
10555	63853.00	18303.00	3	1-Jun-16	135.76	137.91	138.03	16-Aug-16	25.4
10556	63878.00	18303.00	6	1-Jun-16	140.80	142.87	142.98	15-Aug-16	25.3

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10557	63903.00	18303.00	6	1-Jun-16	145.02	147.09	147.23	15-Aug-16	25.7
10558	63928.00	18303.00	6	1-Jun-16	149.20	151.27	151.31	15-Aug-16	24.5
10559	63953.00	18303.00	6	1-Jun-16	153.32	155.39	155.40	15-Aug-16	24.1
10560	63978.00	18303.00	FLAT	1-Jun-16	155.84	157.88	157.94	15-Aug-16	24.7
10561	64003.00	18303.00	FLAT	1-Jun-16	156.85	158.89	158.94	15-Aug-16	24.6
10562	64028.00	18303.00	FLAT	1-Jun-16	157.89	159.93	159.95	15-Aug-16	24.2
10563	64053.00	18303.00	FLAT	1-Jun-16	158.84	160.88	160.98	15-Aug-16	25.2
10564	64078.00	18303.00	FLAT	21-Jun-16	158.26	160.30	160.31	13-Aug-16	24.1
10565	64103.00	18303.00	FLAT	21-Jun-16	157.20	159.24	159.24	13-Aug-16	24.0
10566	64128.00	18303.00	FLAT	21-Jun-16	156.17	158.21	158.28	13-Aug-16	24.8
10567	64153.00	18303.00	6	21-Jun-16	154.82	156.89	156.91	13-Aug-16	24.2
10568	64178.00	18303.00	6	21-Jun-16	150.66	152.73	152.73	13-Aug-16	24.0
10569	64203.00	18303.00	6	21-Jun-16	146.48	148.55	148.60	13-Aug-16	24.6
10570	64228.00	18303.00	6	21-Jun-16	142.30	144.37	144.38	13-Aug-16	24.1
10571	64253.00	18303.00	6	21-Jun-16	138.15	140.22	140.26	13-Aug-16	24.5
10572	64278.00	18303.00	3	21-Jun-16	130.47	132.62	132.65	13-Aug-16	24.4
10573	64303.00	18303.00	3	21-Jun-16	126.96	129.11	129.12	13-Aug-16	24.1
10574	63803.00	18328.00	3	1-Jun-16	124.59	126.74	126.79	26-Oct-16	24.6
10575	63828.00	18328.00	3	1-Jun-16	127.56	129.71	129.73	16-Aug-16	24.2
10576	63853.00	18328.00	3	1-Jun-16	135.87	138.02	138.06	16-Aug-16	24.5
10577	63878.00	18328.00	6	1-Jun-16	140.76	142.83	142.92	15-Aug-16	25.1
10578	63903.00	18328.00	6	1-Jun-16	145.01	147.08	147.23	15-Aug-16	25.8
10579	63928.00	18328.00	6	1-Jun-16	149.16	151.23	151.25	15-Aug-16	24.2
10580	63953.00	18328.00	6	1-Jun-16	153.33	155.40	155.46	15-Aug-16	24.7
10581	63978.00	18328.00	FLAT	1-Jun-16	155.83	157.87	157.88	15-Aug-16	24.1
10582	64003.00	18328.00	FLAT	1-Jun-16	156.86	158.90	158.95	15-Aug-16	24.6
10583	64028.00	18328.00	FLAT	1-Jun-16	157.87	159.91	159.95	15-Aug-16	24.5
10584	64053.00	18328.00	FLAT	1-Jun-16	158.85	160.89	161.02	13-Aug-16	25.5
10585	64078.00	18328.00	FLAT	21-Jun-16	158.24	160.28	160.34	13-Aug-16	24.7
10586	64103.00	18328.00	FLAT	21-Jun-16	157.22	159.26	159.31	13-Aug-16	24.6
10587	64128.00	18328.00	FLAT	21-Jun-16	156.19	158.23	158.30	13-Aug-16	24.8
10588	64153.00	18328.00	6	21-Jun-16	154.86	156.93	157.01	13-Aug-16	25.0
10589	64178.00	18328.00	6	21-Jun-16	150.73	152.80	152.90	13-Aug-16	25.2
10590	64203.00	18328.00	6	21-Jun-16	146.54	148.61	148.61	13-Aug-16	24.0
10591	64228.00	18328.00	6	21-Jun-16	142.38	144.45	144.47	13-Aug-16	24.2
10592	64253.00	18328.00	6	21-Jun-16	138.20	140.27	140.27	13-Aug-16	24.0
10593	64278.00	18328.00	3	21-Jun-16	130.70	132.85	132.87	15-Aug-16	24.2
10594	64303.00	18328.00	3	21-Jun-16	127.07	129.22	129.23	15-Aug-16	24.1
10595	63803.00	18353.00	3	1-Jun-16	124.47	126.62	126.69	26-Oct-16	24.8
10596	63828.00	18353.00	3	1-Jun-16	127.51	129.66	129.69	16-Aug-16	24.4
10597	63853.00	18353.00	3	1-Jun-16	135.70	137.85	138.02	16-Aug-16	26.0
10598	63878.00	18353.00	6	1-Jun-16	140.77	142.84	142.94	15-Aug-16	25.2
10599	63903.00	18353.00	6	1-Jun-16	144.99	147.06	147.13	15-Aug-16	24.8
10600	63928.00	18353.00	6	1-Jun-16	149.18	151.25	151.29	15-Aug-16	24.5
10601	63953.00	18353.00	6	1-Jun-16	153.34	155.41	155.44	15-Aug-16	24.4
10602	63978.00	18353.00	FLAT	1-Jun-16	155.84	157.88	157.92	15-Aug-16	24.5
10603	64003.00	18353.00	FLAT	1-Jun-16	156.82	158.86	158.92	15-Aug-16	24.7
10604	64028.00	18353.00	FLAT	1-Jun-16	157.87	159.91	159.92	15-Aug-16	24.1
10605	64053.00	18353.00	FLAT	1-Jun-16	158.84	160.88	160.99	15-Aug-16	25.3
10606	64078.00	18353.00	FLAT	23-Jun-16	158.25	160.29	160.36	13-Aug-16	24.8

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10607	64103.00	18353.00	FLAT	23-Jun-16	157.21	159.25	159.38	13-Aug-16	25.5
10608	64128.00	18353.00	FLAT	23-Jun-16	156.20	158.24	158.28	13-Aug-16	24.5
10609	64153.00	18353.00	6	23-Jun-16	154.93	157.00	157.01	13-Aug-16	24.1
10610	64178.00	18353.00	6	23-Jun-16	150.77	152.84	152.89	13-Aug-16	24.6
10611	64203.00	18353.00	6	23-Jun-16	146.61	148.68	148.70	13-Aug-16	24.2
10612	64228.00	18353.00	6	23-Jun-16	142.47	144.54	144.58	13-Aug-16	24.5
10613	64253.00	18353.00	6	23-Jun-16	138.28	140.35	140.38	13-Aug-16	24.4
10614	64278.00	18353.00	3	23-Jun-16	130.79	132.94	133.04	15-Aug-16	25.2
10615	64303.00	18353.00	3	23-Jun-16	126.96	129.11	129.14	15-Aug-16	24.4
10616	63803.00	18378.00	3	1-Jun-16	124.34	126.49	126.50	26-Oct-16	24.1
10617	63828.00	18378.00	3	1-Jun-16	127.54	129.69	129.80	16-Aug-16	25.3
10618	63853.00	18378.00	3	1-Jun-16	135.71	137.86	137.96	16-Aug-16	25.2
10619	63878.00	18378.00	6	1-Jun-16	140.81	142.88	142.88	15-Aug-16	24.0
10620	63903.00	18378.00	6	1-Jun-16	144.98	147.05	147.18	15-Aug-16	25.6
10621	63928.00	18378.00	6	1-Jun-16	149.13	151.20	151.23	15-Aug-16	24.4
10622	63953.00	18378.00	6	1-Jun-16	153.32	155.39	155.44	15-Aug-16	24.6
10623	63978.00	18378.00	FLAT	1-Jun-16	155.81	157.85	157.86	15-Aug-16	24.1
10624	64003.00	18378.00	FLAT	1-Jun-16	156.82	158.86	158.89	15-Aug-16	24.3
10625	64028.00	18378.00	FLAT	1-Jun-16	157.87	159.91	159.95	15-Aug-16	24.5
10626	64053.00	18378.00	FLAT	1-Jun-16	158.87	160.91	160.99	15-Aug-16	24.9
10627	64078.00	18378.00	FLAT	23-Jun-16	158.32	160.36	160.40	13-Aug-16	24.5
10628	64103.00	18378.00	FLAT	23-Jun-16	157.25	159.29	159.34	13-Aug-16	24.6
10629	64128.00	18378.00	FLAT	23-Jun-16	156.23	158.27	158.35	13-Aug-16	24.9
10630	64153.00	18378.00	6	23-Jun-16	155.02	157.09	157.11	13-Aug-16	24.2
10631	64178.00	18378.00	6	23-Jun-16	150.86	152.93	152.98	13-Aug-16	24.6
10632	64203.00	18378.00	6	23-Jun-16	146.65	148.72	148.74	13-Aug-16	24.2
10633	64228.00	18378.00	6	23-Jun-16	142.52	144.59	144.61	13-Aug-16	24.2
10634	64253.00	18378.00	6	23-Jun-16	138.36	140.43	140.46	13-Aug-16	24.4
10635	64278.00	18378.00	3	23-Jun-16	130.95	133.10	133.13	15-Aug-16	24.4
10636	64303.00	18378.00	3	23-Jun-16	126.91	129.06	129.10	15-Aug-16	24.5
10637	63803.00	18403.00	3	1-Jun-16	124.21	126.36	126.37	26-Oct-16	24.1
10638	63828.00	18403.00	3	1-Jun-16	127.58	129.73	129.80	16-Aug-16	24.8
10639	63853.00	18403.00	3	1-Jun-16	135.77	137.92	138.04	16-Aug-16	25.4
10640	63878.00	18403.00	6	1-Jun-16	140.82	142.89	142.98	15-Aug-16	25.1
10641	63903.00	18403.00	6	1-Jun-16	144.97	147.04	147.05	15-Aug-16	24.1
10642	63928.00	18403.00	6	1-Jun-16	149.17	151.24	151.28	15-Aug-16	24.5
10643	63953.00	18403.00	6	1-Jun-16	153.33	155.40	155.42	15-Aug-16	24.2
10644	63978.00	18403.00	FLAT	1-Jun-16	155.83	157.87	157.92	15-Aug-16	24.6
10645	64003.00	18403.00	FLAT	1-Jun-16	156.84	158.88	158.93	15-Aug-16	24.6
10646	64028.00	18403.00	FLAT	1-Jun-16	157.89	159.93	159.96	15-Aug-16	24.3
10647	64053.00	18403.00	FLAT	1-Jun-16	158.84	160.88	161.01	15-Aug-16	25.5
10648	64078.00	18403.00	FLAT	23-Jun-16	158.33	160.37	160.43	13-Aug-16	24.7
10649	64103.00	18403.00	FLAT	23-Jun-16	157.33	159.37	159.43	13-Aug-16	24.7
10650	64128.00	18403.00	FLAT	23-Jun-16	156.28	158.32	158.46	13-Aug-16	25.7
10651	64153.00	18403.00	6	23-Jun-16	155.13	157.20	157.20	13-Aug-16	24.0
10652	64178.00	18403.00	6	23-Jun-16	150.92	152.99	153.01	13-Aug-16	24.2
10653	64203.00	18403.00	6	23-Jun-16	146.74	148.81	148.82	13-Aug-16	24.1
10654	64228.00	18403.00	6	23-Jun-16	142.58	144.65	144.68	13-Aug-16	24.4
10655	64253.00	18403.00	6	23-Jun-16	138.41	140.48	140.48	13-Aug-16	24.0
10656	64278.00	18403.00	3	23-Jun-16	131.10	133.25	133.26	15-Aug-16	24.1

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10657	64303.00	18403.00	3	23-Jun-16	126.96	129.11	129.12	15-Aug-16	24.1
10658	63803.00	18428.00	3	1-Jun-16	124.11	126.26	126.26	26-Oct-16	24.0
10659	63828.00	18428.00	3	1-Jun-16	127.62	129.77	129.80	16-Aug-16	24.4
10660	63853.00	18428.00	3	1-Jun-16	135.71	137.86	137.89	16-Aug-16	24.4
10661	63878.00	18428.00	6	1-Jun-16	140.84	142.91	143.06	15-Aug-16	25.8
10662	63903.00	18428.00	6	1-Jun-16	144.96	147.03	147.14	15-Aug-16	25.3
10663	63928.00	18428.00	6	1-Jun-16	149.19	151.26	151.33	15-Aug-16	24.8
10664	63953.00	18428.00	6	1-Jun-16	153.32	155.39	155.42	15-Aug-16	24.4
10665	63978.00	18428.00	FLAT	1-Jun-16	155.83	157.87	157.94	15-Aug-16	24.8
10666	64003.00	18428.00	FLAT	1-Jun-16	156.85	158.89	158.94	15-Aug-16	24.6
10667	64028.00	18428.00	FLAT	1-Jun-16	157.87	159.91	159.92	15-Aug-16	24.1
10668	64053.00	18428.00	FLAT	1-Jun-16	158.90	160.94	161.09	15-Aug-16	25.8
10669	64078.00	18428.00	FLAT	23-Jun-16	158.32	160.36	160.42	13-Aug-16	24.7
10670	64103.00	18428.00	FLAT	23-Jun-16	157.31	159.35	159.38	13-Aug-16	24.3
10671	64128.00	18428.00	FLAT	23-Jun-16	156.28	158.32	158.39	13-Aug-16	24.8
10672	64153.00	18428.00	6	23-Jun-16	155.16	157.23	157.28	13-Aug-16	24.6
10673	64178.00	18428.00	6	23-Jun-16	151.00	153.07	153.10	13-Aug-16	24.4
10674	64203.00	18428.00	6	23-Jun-16	146.84	148.91	148.92	13-Aug-16	24.1
10675	64228.00	18428.00	6	23-Jun-16	142.67	144.74	144.74	13-Aug-16	24.0
10676	64253.00	18428.00	6	23-Jun-16	138.49	140.56	140.58	13-Aug-16	24.2
10677	64278.00	18428.00	3	23-Jun-16	131.27	133.42	133.48	15-Aug-16	24.7
10678	64303.00	18428.00	3	23-Jun-16	127.00	129.15	129.17	15-Aug-16	24.2
10679	63803.00	18453.00	3	1-Jun-16	123.96	126.11	126.12	26-Oct-16	24.1
10680	63828.00	18453.00	3	1-Jun-16	127.57	129.72	129.80	16-Aug-16	25.0
10681	63853.00	18453.00	3	1-Jun-16	135.71	137.86	137.93	16-Aug-16	24.8
10682	63878.00	18453.00	6	1-Jun-16	140.82	142.89	143.03	15-Aug-16	25.7
10683	63903.00	18453.00	6	1-Jun-16	144.98	147.05	147.09	15-Aug-16	24.5
10684	63928.00	18453.00	6	1-Jun-16	149.18	151.25	151.39	15-Aug-16	25.7
10685	63953.00	18453.00	6	1-Jun-16	153.34	155.41	155.44	15-Aug-16	24.4
10686	63978.00	18453.00	FLAT	1-Jun-16	155.84	157.88	157.91	15-Aug-16	24.3
10687	64003.00	18453.00	FLAT	1-Jun-16	156.84	158.88	158.94	15-Aug-16	24.7
10688	64028.00	18453.00	FLAT	1-Jun-16	157.91	159.95	159.99	15-Aug-16	24.5
10689	64053.00	18453.00	FLAT	1-Jun-16	158.87	160.91	161.05	15-Aug-16	25.7
10690	64078.00	18453.00	FLAT	23-Jun-16	158.38	160.42	160.44	13-Aug-16	24.2
10691	64103.00	18453.00	FLAT	23-Jun-16	157.35	159.39	159.42	13-Aug-16	24.3
10692	64128.00	18453.00	FLAT	23-Jun-16	156.28	158.32	158.34	13-Aug-16	24.2
10693	64153.00	18453.00	6	23-Jun-16	155.23	157.30	157.37	13-Aug-16	24.8
10694	64178.00	18453.00	6	23-Jun-16	151.07	153.14	153.21	13-Aug-16	24.8
10695	64203.00	18453.00	6	23-Jun-16	146.88	148.95	148.99	13-Aug-16	24.5
10696	64228.00	18453.00	6	23-Jun-16	142.74	144.81	144.83	13-Aug-16	24.2
10697	64253.00	18453.00	6	23-Jun-16	138.57	140.64	140.71	13-Aug-16	24.8
10698	64278.00	18453.00	3	23-Jun-16	131.33	133.48	133.49	15-Aug-16	24.1
10699	64303.00	18453.00	3	23-Jun-16	126.99	129.14	129.14	15-Aug-16	24.0
10700	63803.00	18478.00	3	1-Jun-16	124.08	126.23	126.24	26-Oct-16	24.1
10701	63828.00	18478.00	3	1-Jun-16	127.49	129.64	129.75	16-Aug-16	25.3
10702	63853.00	18478.00	3	1-Jun-16	135.67	137.82	137.96	16-Aug-16	25.7
10703	63878.00	18478.00	6	1-Jun-16	140.78	142.85	142.90	15-Aug-16	24.6
10704	63903.00	18478.00	6	1-Jun-16	144.93	147.00	147.03	15-Aug-16	24.4
10705	63928.00	18478.00	6	1-Jun-16	149.19	151.26	151.36	15-Aug-16	25.2
10706	63953.00	18478.00	6	1-Jun-16	153.29	155.36	155.39	15-Aug-16	24.4

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10707	63978.00	18478.00	FLAT	1-Jun-16	155.81	157.85	157.96	15-Aug-16	25.3
10708	64003.00	18478.00	FLAT	1-Jun-16	156.84	158.88	158.99	15-Aug-16	25.3
10709	64028.00	18478.00	FLAT	1-Jun-16	157.91	159.95	159.97	15-Aug-16	24.2
10710	64053.00	18478.00	FLAT	1-Jun-16	158.90	160.94	161.04	15-Aug-16	25.2
10711	64078.00	18478.00	FLAT	23-Jun-16	158.39	160.43	160.45	13-Aug-16	24.2
10712	64103.00	18478.00	FLAT	23-Jun-16	157.38	159.42	159.43	13-Aug-16	24.1
10713	64128.00	18478.00	FLAT	23-Jun-16	156.33	158.37	158.45	13-Aug-16	24.9
10714	64153.00	18478.00	FLAT	23-Jun-16	155.24	157.28	157.32	13-Aug-16	24.5
10715	64178.00	18478.00	6	23-Jun-16	151.15	153.22	153.22	13-Aug-16	24.0
10716	64203.00	18478.00	6	23-Jun-16	146.96	149.03	149.03	13-Aug-16	24.0
10717	64228.00	18478.00	6	23-Jun-16	142.82	144.89	144.90	13-Aug-16	24.1
10718	64253.00	18478.00	6	23-Jun-16	138.60	140.67	140.74	13-Aug-16	24.8
10719	64278.00	18478.00	3	23-Jun-16	131.52	133.67	133.71	15-Aug-16	24.5
10720	64303.00	18478.00	3	23-Jun-16	126.94	129.09	129.10	15-Aug-16	24.1
10721	63803.00	18503.00	3	1-Jun-16	124.25	126.40	126.40	26-Oct-16	24.0
10722	63828.00	18503.00	3	1-Jun-16	127.41	129.56	129.74	16-Aug-16	26.2
10723	63853.00	18503.00	3	1-Jun-16	135.61	137.76	137.80	16-Aug-16	24.5
10724	63878.00	18503.00	6	1-Jun-16	140.75	142.82	142.92	15-Aug-16	25.2
10725	63903.00	18503.00	6	1-Jun-16	144.86	146.93	147.02	15-Aug-16	25.1
10726	63928.00	18503.00	6	1-Jun-16	149.11	151.18	151.24	15-Aug-16	24.7
10727	63953.00	18503.00	6	1-Jun-16	153.23	155.30	155.30	15-Aug-16	24.0
10728	63978.00	18503.00	FLAT	1-Jun-16	155.83	157.87	157.92	15-Aug-16	24.6
10729	64003.00	18503.00	FLAT	1-Jun-16	156.83	158.87	158.89	15-Aug-16	24.2
10730	64028.00	18503.00	FLAT	1-Jun-16	157.87	159.91	159.97	15-Aug-16	24.7
10731	64053.00	18503.00	FLAT	1-Jun-16	158.91	160.95	160.98	13-Aug-16	24.3
10732	64078.00	18503.00	FLAT	23-Jun-16	158.40	160.44	160.49	13-Aug-16	24.6
10733	64103.00	18503.00	FLAT	23-Jun-16	157.39	159.43	159.46	13-Aug-16	24.3
10734	64128.00	18503.00	FLAT	23-Jun-16	156.32	158.36	158.37	13-Aug-16	24.1
10735	64153.00	18503.00	FLAT	23-Jun-16	155.29	157.33	157.38	13-Aug-16	24.6
10736	64178.00	18503.00	6	23-Jun-16	151.18	153.25	153.31	13-Aug-16	24.7
10737	64203.00	18503.00	6	23-Jun-16	147.03	149.10	149.11	13-Aug-16	24.1
10738	64228.00	18503.00	6	23-Jun-16	142.90	144.97	145.05	13-Aug-16	25.0
10739	64253.00	18503.00	6	23-Jun-16	138.70	140.77	140.80	13-Aug-16	24.4
10740	64278.00	18503.00	3	23-Jun-16	131.71	133.86	133.88	15-Aug-16	24.2
10741	64303.00	18503.00	3	23-Jun-16	126.95	129.10	129.16	15-Aug-16	24.7
10742	63803.00	18528.00	3	2-Jun-16	124.40	126.55	126.55	26-Oct-16	24.0
10743	63828.00	18528.00	3	2-Jun-16	127.24	129.39	129.43	16-Aug-16	24.5
10744	63853.00	18528.00	3	2-Jun-16	135.52	137.67	137.76	16-Aug-16	25.1
10745	63878.00	18528.00	6	2-Jun-16	140.67	142.74	142.90	15-Aug-16	25.9
10746	63903.00	18528.00	6	2-Jun-16	144.87	146.94	146.98	15-Aug-16	24.5
10747	63928.00	18528.00	6	2-Jun-16	149.05	151.12	151.16	15-Aug-16	24.5
10748	63953.00	18528.00	6	2-Jun-16	153.22	155.29	155.30	15-Aug-16	24.1
10749	63978.00	18528.00	FLAT	2-Jun-16	155.81	157.85	157.89	15-Aug-16	24.5
10750	64003.00	18528.00	FLAT	2-Jun-16	156.89	158.93	158.94	15-Aug-16	24.1
10751	64028.00	18528.00	FLAT	2-Jun-16	157.84	159.88	159.89	15-Aug-16	24.1
10752	64053.00	18528.00	FLAT	2-Jun-16	158.91	160.95	160.98	13-Aug-16	24.3
10753	64078.00	18528.00	FLAT	23-Jun-16	158.43	160.47	160.54	13-Aug-16	24.8
10754	64103.00	18528.00	FLAT	23-Jun-16	157.39	159.43	159.47	13-Aug-16	24.5
10755	64128.00	18528.00	FLAT	23-Jun-16	156.32	158.36	158.42	13-Aug-16	24.7
10756	64153.00	18528.00	FLAT	23-Jun-16	155.28	157.32	157.41	13-Aug-16	25.1

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10757	64178.00	18528.00	6	23-Jun-16	151.27	153.34	153.39	13-Aug-16	24.6
10758	64203.00	18528.00	6	23-Jun-16	147.13	149.20	149.26	13-Aug-16	24.7
10759	64228.00	18528.00	6	23-Jun-16	142.96	145.03	145.08	13-Aug-16	24.6
10760	64253.00	18528.00	6	23-Jun-16	138.77	140.84	140.93	13-Aug-16	25.1
10761	64278.00	18528.00	3	23-Jun-16	131.83	133.98	134.01	15-Aug-16	24.4
10762	64303.00	18528.00	3	23-Jun-16	127.00	129.15	129.18	15-Aug-16	24.4
10763	63803.00	18553.00	3	2-Jun-16	124.51	126.66	126.66	26-Oct-16	24.0
10764	63828.00	18553.00	3	2-Jun-16	127.28	129.43	129.50	16-Aug-16	24.8
10765	63853.00	18553.00	3	2-Jun-16	135.44	137.59	137.65	16-Aug-16	24.7
10766	63878.00	18553.00	6	2-Jun-16	140.66	142.73	142.88	15-Aug-16	25.8
10767	63903.00	18553.00	6	2-Jun-16	144.84	146.91	146.92	15-Aug-16	24.1
10768	63928.00	18553.00	6	2-Jun-16	148.99	151.06	151.12	15-Aug-16	24.7
10769	63953.00	18553.00	6	2-Jun-16	153.16	155.23	155.27	15-Aug-16	24.5
10770	63978.00	18553.00	FLAT	2-Jun-16	155.81	157.85	157.85	15-Aug-16	24.0
10771	64003.00	18553.00	FLAT	2-Jun-16	156.81	158.85	158.87	15-Aug-16	24.2
10772	64028.00	18553.00	FLAT	2-Jun-16	157.90	159.94	159.94	15-Aug-16	24.0
10773	64053.00	18553.00	FLAT	2-Jun-16	158.94	160.98	160.99	13-Aug-16	24.1
10774	64078.00	18553.00	FLAT	23-Jun-16	158.45	160.49	160.58	13-Aug-16	25.1
10775	64103.00	18553.00	FLAT	23-Jun-16	157.43	159.47	159.51	13-Aug-16	24.5
10776	64128.00	18553.00	FLAT	23-Jun-16	156.33	158.37	158.45	13-Aug-16	24.9
10777	64153.00	18553.00	FLAT	23-Jun-16	155.32	157.36	157.41	13-Aug-16	24.6
10778	64178.00	18553.00	6	23-Jun-16	151.40	153.47	153.58	13-Aug-16	25.3
10779	64203.00	18553.00	6	23-Jun-16	147.18	149.25	149.25	13-Aug-16	24.0
10780	64228.00	18553.00	6	23-Jun-16	143.00	145.07	145.09	13-Aug-16	24.2
10781	64253.00	18553.00	6	23-Jun-16	138.83	140.90	140.99	13-Aug-16	25.1
10782	64278.00	18553.00	3	23-Jun-16	132.00	134.15	134.18	15-Aug-16	24.4
10783	64303.00	18553.00	3	23-Jun-16	126.94	129.09	129.11	15-Aug-16	24.2
10784	63803.00	18578.00	3	2-Jun-16	124.72	126.87	126.88	26-Oct-16	24.1
10785	63828.00	18578.00	3	2-Jun-16	127.08	129.23	129.23	16-Aug-16	24.0
10786	63853.00	18578.00	3	2-Jun-16	135.31	137.46	137.48	16-Aug-16	24.2
10787	63878.00	18578.00	6	2-Jun-16	140.62	142.69	142.79	15-Aug-16	25.2
10788	63903.00	18578.00	6	2-Jun-16	144.81	146.88	146.92	15-Aug-16	24.5
10789	63928.00	18578.00	6	2-Jun-16	148.92	150.99	151.08	15-Aug-16	25.1
10790	63953.00	18578.00	6	2-Jun-16	153.11	155.18	155.18	15-Aug-16	24.0
10791	63978.00	18578.00	FLAT	2-Jun-16	155.80	157.84	157.86	15-Aug-16	24.2
10792	64003.00	18578.00	FLAT	2-Jun-16	156.79	158.83	158.83	15-Aug-16	24.0
10793	64028.00	18578.00	FLAT	2-Jun-16	157.88	159.92	159.95	15-Aug-16	24.3
10794	64053.00	18578.00	FLAT	2-Jun-16	158.95	160.99	161.01	13-Aug-16	24.2
10795	64078.00	18578.00	FLAT	23-Jun-16	158.43	160.47	160.53	13-Aug-16	24.7
10796	64103.00	18578.00	FLAT	23-Jun-16	157.44	159.48	159.53	13-Aug-16	24.6
10797	64128.00	18578.00	FLAT	23-Jun-16	156.36	158.40	158.43	13-Aug-16	24.3
10798	64153.00	18578.00	FLAT	23-Jun-16	155.35	157.39	157.43	13-Aug-16	24.5
10799	64178.00	18578.00	6	23-Jun-16	151.41	153.48	153.52	13-Aug-16	24.5
10800	64203.00	18578.00	6	23-Jun-16	147.24	149.31	149.35	13-Aug-16	24.5
10801	64228.00	18578.00	6	23-Jun-16	143.10	145.17	145.19	13-Aug-16	24.2
10802	64253.00	18578.00	6	23-Jun-16	138.92	140.99	141.07	13-Aug-16	25.0
10803	64278.00	18578.00	3	23-Jun-16	132.09	134.24	134.28	15-Aug-16	24.5
10804	64303.00	18578.00	3	23-Jun-16	127.01	129.16	129.21	15-Aug-16	24.6
10805	63803.00	18603.00	3	8-Jun-16	124.80	126.95	126.99	26-Oct-16	24.5
10806	63828.00	18603.00	3	8-Jun-16	127.03	129.18	129.33	16-Aug-16	25.8

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10807	63853.00	18603.00	3	8-Jun-16	135.31	137.46	137.48	16-Aug-16	24.2
10808	63878.00	18603.00	6	8-Jun-16	140.55	142.62	142.74	15-Aug-16	25.4
10809	63903.00	18603.00	6	8-Jun-16	144.69	146.76	146.82	15-Aug-16	24.7
10810	63928.00	18603.00	6	8-Jun-16	148.89	150.96	151.01	15-Aug-16	24.6
10811	63953.00	18603.00	6	8-Jun-16	153.07	155.14	155.17	15-Aug-16	24.4
10812	63978.00	18603.00	FLAT	8-Jun-16	155.75	157.79	157.80	15-Aug-16	24.1
10813	64003.00	18603.00	FLAT	8-Jun-16	156.79	158.83	158.89	15-Aug-16	24.7
10814	64028.00	18603.00	FLAT	8-Jun-16	157.85	159.89	159.94	15-Aug-16	24.6
10815	64053.00	18603.00	FLAT	8-Jun-16	158.91	160.95	161.00	13-Aug-16	24.6
10816	64078.00	18603.00	FLAT	23-Jun-16	158.47	160.51	160.55	13-Aug-16	24.5
10817	64103.00	18603.00	FLAT	23-Jun-16	157.47	159.51	159.60	13-Aug-16	25.1
10818	64128.00	18603.00	FLAT	23-Jun-16	156.39	158.43	158.52	13-Aug-16	25.1
10819	64153.00	18603.00	FLAT	23-Jun-16	155.37	157.41	157.46	13-Aug-16	24.6
10820	64178.00	18603.00	6	23-Jun-16	151.47	153.54	153.57	13-Aug-16	24.4
10821	64203.00	18603.00	6	23-Jun-16	147.33	149.40	149.41	13-Aug-16	24.1
10822	64228.00	18603.00	6	23-Jun-16	143.14	145.21	145.22	13-Aug-16	24.1
10823	64253.00	18603.00	6	23-Jun-16	138.98	141.05	141.07	13-Aug-16	24.2
10824	64278.00	18603.00	3	23-Jun-16	132.24	134.39	134.42	15-Aug-16	24.4
10825	64303.00	18603.00	3	23-Jun-16	127.04	129.19	129.21	15-Aug-16	24.2
10826	63803.00	18628.00	3	8-Jun-16	124.90	127.05	127.05	26-Oct-16	24.0
10827	63828.00	18628.00	3	8-Jun-16	127.08	129.23	129.25	16-Aug-16	24.2
10828	63853.00	18628.00	3	8-Jun-16	135.20	137.35	137.40	16-Aug-16	24.6
10829	63878.00	18628.00	6	8-Jun-16	140.53	142.60	142.73	15-Aug-16	25.6
10830	63903.00	18628.00	6	8-Jun-16	144.74	146.81	146.86	15-Aug-16	24.6
10831	63928.00	18628.00	6	8-Jun-16	148.85	150.92	151.02	15-Aug-16	25.2
10832	63953.00	18628.00	6	8-Jun-16	153.01	155.08	155.09	15-Aug-16	24.1
10833	63978.00	18628.00	FLAT	8-Jun-16	155.78	157.82	157.85	15-Aug-16	24.3
10834	64003.00	18628.00	FLAT	8-Jun-16	156.80	158.84	158.95	15-Aug-16	25.3
10835	64028.00	18628.00	FLAT	8-Jun-16	157.84	159.88	159.91	15-Aug-16	24.3
10836	64053.00	18628.00	FLAT	8-Jun-16	158.84	160.88	160.96	13-Aug-16	24.9
10837	64078.00	18628.00	FLAT	25-Jun-16	158.47	160.51	160.52	13-Aug-16	24.1
10838	64103.00	18628.00	FLAT	25-Jun-16	157.42	159.46	159.51	13-Aug-16	24.6
10839	64128.00	18628.00	FLAT	25-Jun-16	156.35	158.39	158.44	13-Aug-16	24.6
10840	64153.00	18628.00	FLAT	25-Jun-16	155.32	157.36	157.36	13-Aug-16	24.0
10841	64178.00	18628.00	6	25-Jun-16	151.36	153.43	153.50	13-Aug-16	24.8
10842	64203.00	18628.00	6	25-Jun-16	147.22	149.29	149.36	13-Aug-16	24.8
10843	64228.00	18628.00	6	25-Jun-16	143.05	145.12	145.13	13-Aug-16	24.1
10844	64253.00	18628.00	6	25-Jun-16	138.84	140.91	140.92	13-Aug-16	24.1
10845	64278.00	18628.00	3	25-Jun-16	132.12	134.27	134.32	17-Aug-16	24.6
10846	64303.00	18628.00	3	25-Jun-16	127.04	129.19	129.19	23-Aug-16	24.0
10847	63803.00	18653.00	3	8-Jun-16	125.03	127.18	127.20	26-Oct-16	24.2
10848	63828.00	18653.00	3	8-Jun-16	126.90	129.05	129.18	16-Aug-16	25.6
10849	63853.00	18653.00	3	8-Jun-16	135.11	137.26	137.44	16-Aug-16	26.2
10850	63878.00	18653.00	6	8-Jun-16	140.48	142.55	142.58	16-Aug-16	24.4
10851	63903.00	18653.00	6	8-Jun-16	144.64	146.71	146.77	16-Aug-16	24.7
10852	63928.00	18653.00	6	8-Jun-16	148.83	150.90	151.02	16-Aug-16	25.4
10853	63953.00	18653.00	6	8-Jun-16	153.03	155.10	155.19	16-Aug-16	25.1
10854	63978.00	18653.00	FLAT	8-Jun-16	155.77	157.81	157.82	16-Aug-16	24.1
10855	64003.00	18653.00	FLAT	8-Jun-16	156.79	158.83	158.87	16-Aug-16	24.5
10856	64028.00	18653.00	FLAT	8-Jun-16	157.84	159.88	159.90	17-Aug-16	24.2

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10857	64053.00	18653.00	FLAT	8-Jun-16	158.87	160.91	160.95	15-Aug-16	24.5
10858	64078.00	18653.00	FLAT	25-Jun-16	158.46	160.50	160.54	15-Aug-16	24.5
10859	64103.00	18653.00	FLAT	25-Jun-16	157.36	159.40	159.48	15-Aug-16	24.9
10860	64128.00	18653.00	FLAT	25-Jun-16	156.34	158.38	158.45	15-Aug-16	24.8
10861	64153.00	18653.00	FLAT	25-Jun-16	155.30	157.34	157.36	15-Aug-16	24.2
10862	64178.00	18653.00	6	25-Jun-16	151.28	153.35	153.41	15-Aug-16	24.7
10863	64203.00	18653.00	6	25-Jun-16	147.06	149.13	149.21	15-Aug-16	25.0
10864	64228.00	18653.00	6	25-Jun-16	142.94	145.01	145.04	15-Aug-16	24.4
10865	64253.00	18653.00	6	25-Jun-16	138.74	140.81	140.87	15-Aug-16	24.7
10866	64278.00	18653.00	3	25-Jun-16	131.92	134.07	134.08	17-Aug-16	24.1
10867	64303.00	18653.00	3	25-Jun-16	127.03	129.18	129.22	23-Aug-16	24.5
10868	63803.00	18678.00	3	8-Jun-16	125.15	127.30	127.30	26-Oct-16	24.0
10869	63828.00	18678.00	3	8-Jun-16	126.85	129.00	129.10	16-Aug-16	25.2
10870	63853.00	18678.00	3	8-Jun-16	135.10	137.25	137.44	16-Aug-16	26.3
10871	63878.00	18678.00	6	8-Jun-16	140.45	142.52	142.67	16-Aug-16	25.8
10872	63903.00	18678.00	6	8-Jun-16	144.60	146.67	146.87	16-Aug-16	26.4
10873	63928.00	18678.00	6	8-Jun-16	148.78	150.85	150.94	16-Aug-16	25.1
10874	63953.00	18678.00	6	8-Jun-16	152.95	155.02	155.03	16-Aug-16	24.1
10875	63978.00	18678.00	FLAT	8-Jun-16	155.75	157.79	157.93	16-Aug-16	25.7
10876	64003.00	18678.00	FLAT	8-Jun-16	156.79	158.83	158.87	16-Aug-16	24.5
10877	64028.00	18678.00	FLAT	8-Jun-16	157.80	159.84	159.84	17-Aug-16	24.0
10878	64053.00	18678.00	FLAT	8-Jun-16	158.87	160.91	160.94	15-Aug-16	24.3
10879	64078.00	18678.00	FLAT	25-Jun-16	158.40	160.44	160.49	15-Aug-16	24.6
10880	64103.00	18678.00	FLAT	25-Jun-16	157.33	159.37	159.39	15-Aug-16	24.2
10881	64128.00	18678.00	FLAT	25-Jun-16	156.31	158.35	158.36	15-Aug-16	24.1
10882	64153.00	18678.00	FLAT	25-Jun-16	155.26	157.30	157.33	15-Aug-16	24.3
10883	64178.00	18678.00	6	25-Jun-16	151.10	153.17	153.21	15-Aug-16	24.5
10884	64203.00	18678.00	6	25-Jun-16	146.94	149.01	149.03	15-Aug-16	24.2
10885	64228.00	18678.00	6	25-Jun-16	142.81	144.88	144.89	15-Aug-16	24.1
10886	64253.00	18678.00	6	25-Jun-16	138.61	140.68	140.68	15-Aug-16	24.0
10887	64278.00	18678.00	3	25-Jun-16	131.87	134.02	134.05	17-Aug-16	24.4
10888	64303.00	18678.00	3	25-Jun-16	126.96	129.11	129.24	23-Aug-16	25.6
10889	63803.00	18703.00	3	8-Jun-16	125.23	127.38	127.38	26-Oct-16	24.0
10890	63828.00	18703.00	3	8-Jun-16	126.69	128.84	128.93	16-Aug-16	25.1
10891	63853.00	18703.00	3	8-Jun-16	135.04	137.19	137.36	16-Aug-16	26.0
10892	63878.00	18703.00	6	8-Jun-16	140.40	142.47	142.64	16-Aug-16	26.0
10893	63903.00	18703.00	6	8-Jun-16	144.55	146.62	146.71	16-Aug-16	25.1
10894	63928.00	18703.00	6	8-Jun-16	148.73	150.80	150.85	16-Aug-16	24.6
10895	63953.00	18703.00	6	8-Jun-16	152.94	155.01	155.03	16-Aug-16	24.2
10896	63978.00	18703.00	FLAT	8-Jun-16	155.72	157.76	157.78	16-Aug-16	24.2
10897	64003.00	18703.00	FLAT	8-Jun-16	156.74	158.78	158.86	16-Aug-16	24.9
10898	64028.00	18703.00	FLAT	8-Jun-16	157.80	159.84	159.85	17-Aug-16	24.1
10899	64053.00	18703.00	FLAT	8-Jun-16	158.85	160.89	160.91	15-Aug-16	24.2
10900	64078.00	18703.00	FLAT	8-Jun-16	158.38	160.42	160.53	15-Aug-16	25.3
10901	64103.00	18703.00	FLAT	25-Jun-16	157.31	159.35	159.49	15-Aug-16	25.7
10902	64128.00	18703.00	FLAT	25-Jun-16	156.28	158.32	158.35	15-Aug-16	24.3
10903	64153.00	18703.00	6	25-Jun-16	155.14	157.21	157.28	15-Aug-16	24.8
10904	64178.00	18703.00	6	25-Jun-16	150.98	153.05	153.10	15-Aug-16	24.6
10905	64203.00	18703.00	6	25-Jun-16	146.84	148.91	149.07	15-Aug-16	25.9
10906	64228.00	18703.00	6	25-Jun-16	142.68	144.75	144.84	15-Aug-16	25.1

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10907	64253.00	18703.00	6	25-Jun-16	138.49	140.56	140.56	15-Aug-16	24.0
10908	64278.00	18703.00	3	25-Jun-16	131.65	133.80	133.87	17-Aug-16	24.8
10909	64303.00	18703.00	3	25-Jun-16	126.98	129.13	129.33	23-Aug-16	26.4
10910	63803.00	18728.00	3	8-Jun-16	125.42	127.57	127.58	26-Oct-16	24.1
10911	63828.00	18728.00	3	8-Jun-16	126.56	128.71	128.79	16-Aug-16	25.0
10912	63853.00	18728.00	3	8-Jun-16	134.94	137.09	137.23	16-Aug-16	25.7
10913	63878.00	18728.00	6	8-Jun-16	140.40	142.47	142.58	16-Aug-16	25.3
10914	63903.00	18728.00	6	8-Jun-16	144.57	146.64	146.66	16-Aug-16	24.2
10915	63928.00	18728.00	6	8-Jun-16	148.73	150.80	150.92	16-Aug-16	25.4
10916	63953.00	18728.00	6	8-Jun-16	152.89	154.96	155.07	16-Aug-16	25.3
10917	63978.00	18728.00	FLAT	8-Jun-16	155.74	157.78	157.82	16-Aug-16	24.5
10918	64003.00	18728.00	FLAT	8-Jun-16	156.78	158.82	158.95	16-Aug-16	25.5
10919	64028.00	18728.00	FLAT	8-Jun-16	157.83	159.87	159.87	17-Aug-16	24.0
10920	64053.00	18728.00	FLAT	8-Jun-16	158.89	160.93	160.95	15-Aug-16	24.2
10921	64078.00	18728.00	FLAT	8-Jun-16	158.38	160.42	160.46	15-Aug-16	24.5
10922	64103.00	18728.00	FLAT	25-Jun-16	157.28	159.32	159.35	15-Aug-16	24.3
10923	64128.00	18728.00	FLAT	25-Jun-16	156.25	158.29	158.38	15-Aug-16	25.1
10924	64153.00	18728.00	6	25-Jun-16	155.03	157.10	157.14	15-Aug-16	24.5
10925	64178.00	18728.00	6	25-Jun-16	150.88	152.95	152.97	15-Aug-16	24.2
10926	64203.00	18728.00	6	25-Jun-16	146.73	148.80	148.83	15-Aug-16	24.4
10927	64228.00	18728.00	6	25-Jun-16	142.54	144.61	144.64	15-Aug-16	24.4
10928	64253.00	18728.00	6	25-Jun-16	138.34	140.41	140.47	15-Aug-16	24.7
10929	64278.00	18728.00	3	25-Jun-16	131.62	133.77	133.88	17-Aug-16	25.3
10930	64303.00	18728.00	3	25-Jun-16	126.96	129.11	129.24	23-Aug-16	25.6
10931	63803.00	18753.00	3	8-Jun-16	125.55	127.70	127.70	26-Oct-16	24.0
10932	63828.00	18753.00	3	8-Jun-16	126.60	128.75	128.76	16-Aug-16	24.1
10933	63853.00	18753.00	3	8-Jun-16	134.75	136.90	137.07	16-Aug-16	26.0
10934	63878.00	18753.00	6	8-Jun-16	140.37	142.44	142.49	16-Aug-16	24.6
10935	63903.00	18753.00	6	8-Jun-16	144.53	146.60	146.60	16-Aug-16	24.0
10936	63928.00	18753.00	6	8-Jun-16	148.66	150.73	150.75	16-Aug-16	24.2
10937	63953.00	18753.00	6	8-Jun-16	152.84	154.91	154.98	16-Aug-16	24.8
10938	63978.00	18753.00	FLAT	8-Jun-16	155.70	157.74	157.77	16-Aug-16	24.3
10939	64003.00	18753.00	FLAT	8-Jun-16	156.75	158.79	158.82	16-Aug-16	24.3
10940	64028.00	18753.00	FLAT	8-Jun-16	157.79	159.83	159.85	17-Aug-16	24.2
10941	64053.00	18753.00	FLAT	8-Jun-16	158.89	160.93	161.11	23-Aug-16	26.1
10942	64078.00	18753.00	FLAT	8-Jun-16	158.32	160.36	160.54	23-Aug-16	26.1
10943	64103.00	18753.00	FLAT	25-Jun-16	157.24	159.28	159.52	23-Aug-16	26.9
10944	64128.00	18753.00	FLAT	25-Jun-16	156.20	158.24	158.47	23-Aug-16	26.7
10945	64153.00	18753.00	6	25-Jun-16	154.92	156.99	157.00	15-Aug-16	24.1
10946	64178.00	18753.00	6	25-Jun-16	150.73	152.80	152.90	15-Aug-16	25.2
10947	64203.00	18753.00	6	25-Jun-16	146.58	148.65	148.68	15-Aug-16	24.4
10948	64228.00	18753.00	6	25-Jun-16	142.43	144.50	144.51	15-Aug-16	24.1
10949	64253.00	18753.00	6	25-Jun-16	138.22	140.29	140.32	15-Aug-16	24.4
10950	64278.00	18753.00	3	25-Jun-16	131.47	133.62	133.67	17-Aug-16	24.6
10951	64303.00	18753.00	3	25-Jun-16	127.02	129.17	129.18	23-Aug-16	24.1
10952	63803.00	18778.00	3	8-Jun-16	125.64	127.79	127.80	26-Oct-16	24.1
10953	63828.00	18778.00	3	8-Jun-16	126.42	128.57	128.75	16-Aug-16	26.2
10954	63853.00	18778.00	3	8-Jun-16	134.75	136.90	137.04	16-Aug-16	25.7
10955	63878.00	18778.00	6	8-Jun-16	140.32	142.39	142.39	16-Aug-16	24.0
10956	63903.00	18778.00	6	8-Jun-16	144.48	146.55	146.59	16-Aug-16	24.5

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
10957	63928.00	18778.00	6	8-Jun-16	148.68	150.75	150.86	16-Aug-16	25.3
10958	63953.00	18778.00	6	8-Jun-16	152.81	154.88	154.88	16-Aug-16	24.0
10959	63978.00	18778.00	FLAT	8-Jun-16	155.71	157.75	157.85	16-Aug-16	25.2
10960	64003.00	18778.00	FLAT	8-Jun-16	156.78	158.82	158.92	16-Aug-16	25.2
10961	64028.00	18778.00	FLAT	8-Jun-16	157.81	159.85	159.91	17-Aug-16	24.7
10962	64053.00	18778.00	FLAT	8-Jun-16	158.81	160.85	160.96	23-Aug-16	25.3
10963	64078.00	18778.00	FLAT	8-Jun-16	158.27	160.31	160.53	23-Aug-16	26.6
10964	64103.00	18778.00	FLAT	25-Jun-16	157.23	159.27	159.51	23-Aug-16	26.9
10965	64128.00	18778.00	FLAT	25-Jun-16	156.16	158.20	158.41	23-Aug-16	26.5
10966	64153.00	18778.00	6	25-Jun-16	154.77	156.84	157.01	23-Aug-16	26.0
10967	64178.00	18778.00	6	25-Jun-16	150.63	152.70	152.76	23-Aug-16	24.7
10968	64203.00	18778.00	6	25-Jun-16	146.47	148.54	148.54	23-Aug-16	24.0
10969	64228.00	18778.00	6	25-Jun-16	142.32	144.39	144.49	23-Aug-16	25.2
10970	64253.00	18778.00	6	25-Jun-16	138.12	140.19	140.44	23-Aug-16	27.0
10971	64278.00	18778.00	3	25-Jun-16	131.34	133.49	133.55	23-Aug-16	24.7
10972	64303.00	18778.00	3	25-Jun-16	126.99	129.14	129.16	24-Aug-16	24.2
10973	63803.00	18803.00	3	8-Jun-16	125.75	127.90	127.90	26-Oct-16	24.0
10974	63828.00	18803.00	3	8-Jun-16	126.57	128.72	128.73	16-Aug-16	24.1
10975	63853.00	18803.00	3	8-Jun-16	134.68	136.83	136.84	16-Aug-16	24.1
10976	63878.00	18803.00	6	8-Jun-16	140.23	142.30	142.32	16-Aug-16	24.2
10977	63903.00	18803.00	6	8-Jun-16	144.42	146.49	146.68	16-Aug-16	26.3
10978	63928.00	18803.00	6	8-Jun-16	148.62	150.69	150.70	17-Aug-16	24.1
10979	63953.00	18803.00	6	8-Jun-16	152.80	154.87	154.95	17-Aug-16	25.0
10980	63978.00	18803.00	FLAT	8-Jun-16	155.68	157.72	157.73	17-Aug-16	24.1
10981	64003.00	18803.00	FLAT	8-Jun-16	156.74	158.78	158.78	17-Aug-16	24.0
10982	64028.00	18803.00	FLAT	8-Jun-16	157.79	159.83	159.91	17-Aug-16	24.9
10983	64053.00	18803.00	FLAT	8-Jun-16	158.87	160.91	161.06	23-Aug-16	25.8
10984	64078.00	18803.00	FLAT	8-Jun-16	158.25	160.29	160.34	23-Aug-16	24.6
10985	64103.00	18803.00	FLAT	25-Jun-16	157.22	159.26	159.32	23-Aug-16	24.7
10986	64128.00	18803.00	FLAT	25-Jun-16	156.15	158.19	158.20	23-Aug-16	24.1
10987	64153.00	18803.00	6	25-Jun-16	154.66	156.73	156.92	23-Aug-16	26.3
10988	64178.00	18803.00	6	25-Jun-16	150.49	152.56	152.73	23-Aug-16	26.0
10989	64203.00	18803.00	6	25-Jun-16	146.31	148.38	148.48	23-Aug-16	25.2
10990	64228.00	18803.00	6	25-Jun-16	142.17	144.24	144.31	23-Aug-16	24.8
10991	64253.00	18803.00	6	25-Jun-16	138.01	140.08	140.19	23-Aug-16	25.3
10992	64278.00	18803.00	3	25-Jun-16	131.19	133.34	133.40	23-Aug-16	24.7
10993	64303.00	18803.00	3	25-Jun-16	126.96	129.11	129.12	24-Aug-16	24.1
10994	63803.00	18828.00	3	8-Jun-16	125.88	128.03	128.03	26-Oct-16	24.0
10995	63828.00	18828.00	3	8-Jun-16	126.34	128.49	128.52	16-Aug-16	24.4
10996	63853.00	18828.00	3	8-Jun-16	134.62	136.77	136.80	16-Aug-16	24.4
10997	63878.00	18828.00	6	8-Jun-16	140.26	142.33	142.49	16-Aug-16	25.9
10998	63903.00	18828.00	6	8-Jun-16	144.36	146.43	146.60	16-Aug-16	26.0
10999	63928.00	18828.00	6	8-Jun-16	148.60	150.67	150.75	17-Aug-16	25.0
11000	63953.00	18828.00	6	8-Jun-16	152.76	154.83	154.86	17-Aug-16	24.4
11001	63978.00	18828.00	FLAT	8-Jun-16	155.66	157.70	157.74	17-Aug-16	24.5
11002	64003.00	18828.00	FLAT	8-Jun-16	156.75	158.79	158.82	17-Aug-16	24.3
11003	64028.00	18828.00	FLAT	8-Jun-16	157.79	159.83	159.93	17-Aug-16	25.2
11004	64053.00	18828.00	FLAT	8-Jun-16	158.82	160.86	160.93	23-Aug-16	24.8
11005	64078.00	18828.00	FLAT	8-Jun-16	158.25	160.29	160.52	23-Aug-16	26.7
11006	64103.00	18828.00	FLAT	25-Jun-16	157.17	159.21	159.44	23-Aug-16	26.7

Envirocon

Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11007	64128.00	18828.00	FLAT	25-Jun-16	156.11	158.15	158.35	23-Aug-16	26.4
11008	64153.00	18828.00	6	25-Jun-16	154.54	156.61	156.70	23-Aug-16	25.1
11009	64178.00	18828.00	6	25-Jun-16	150.35	152.42	152.43	23-Aug-16	24.1
11010	64203.00	18828.00	6	25-Jun-16	146.22	148.29	148.38	23-Aug-16	25.1
11011	64228.00	18828.00	6	25-Jun-16	142.05	144.12	144.12	23-Aug-16	24.0
11012	64253.00	18828.00	6	25-Jun-16	137.88	139.95	140.10	23-Aug-16	25.8
11013	64278.00	18828.00	3	25-Jun-16	131.10	133.25	133.47	23-Aug-16	26.6
11014	64303.00	18828.00	3	25-Jun-16	126.68	128.83	128.95	24-Aug-16	25.4
11015	63803.00	18853.00	3	8-Jun-16	125.98	128.13	128.20	26-Oct-16	24.8
11016	63828.00	18853.00	3	8-Jun-16	126.37	128.52	128.56	17-Aug-16	24.5
11017	63853.00	18853.00	3	8-Jun-16	134.53	136.68	136.81	17-Aug-16	25.6
11018	63878.00	18853.00	6	8-Jun-16	140.26	142.33	142.47	17-Aug-16	25.7
11019	63903.00	18853.00	6	8-Jun-16	144.37	146.44	146.50	17-Aug-16	24.7
11020	63928.00	18853.00	6	8-Jun-16	148.57	150.64	150.71	17-Aug-16	24.8
11021	63953.00	18853.00	6	8-Jun-16	152.68	154.75	154.85	17-Aug-16	25.2
11022	63978.00	18853.00	FLAT	8-Jun-16	155.68	157.72	157.79	17-Aug-16	24.8
11023	64003.00	18853.00	FLAT	8-Jun-16	156.75	158.79	158.80	17-Aug-16	24.1
11024	64028.00	18853.00	FLAT	8-Jun-16	157.75	159.79	159.84	17-Aug-16	24.6
11025	64053.00	18853.00	FLAT	8-Jun-16	158.85	160.89	161.02	23-Aug-16	25.5
11026	64078.00	18853.00	FLAT	8-Jun-16	158.23	160.27	160.43	23-Aug-16	25.9
11027	64103.00	18853.00	FLAT	25-Jun-16	157.13	159.17	159.41	23-Aug-16	26.9
11028	64128.00	18853.00	FLAT	25-Jun-16	156.09	158.13	158.31	23-Aug-16	26.1
11029	64153.00	18853.00	6	25-Jun-16	154.41	156.48	156.64	23-Aug-16	25.9
11030	64178.00	18853.00	6	25-Jun-16	150.24	152.31	152.46	23-Aug-16	25.8
11031	64203.00	18853.00	6	25-Jun-16	146.08	148.15	148.37	23-Aug-16	26.6
11032	64228.00	18853.00	6	25-Jun-16	141.89	143.96	144.02	23-Aug-16	24.7
11033	64253.00	18853.00	6	25-Jun-16	137.73	139.80	139.80	23-Aug-16	24.0
11034	64278.00	18853.00	3	25-Jun-16	131.00	133.15	133.19	23-Aug-16	24.5
11035	64303.00	18853.00	3	25-Jun-16	126.55	128.70	128.84	24-Aug-16	25.7
11036	63803.00	18878.00	3	8-Jun-16	125.96	128.11	128.20	26-Oct-16	25.1
11037	63828.00	18878.00	3	8-Jun-16	126.25	128.40	128.50	17-Aug-16	25.2
11038	63853.00	18878.00	3	8-Jun-16	134.47	136.62	136.78	17-Aug-16	25.9
11039	63878.00	18878.00	6	8-Jun-16	140.17	142.24	142.31	17-Aug-16	24.8
11040	63903.00	18878.00	6	8-Jun-16	144.30	146.37	146.42	17-Aug-16	24.6
11041	63928.00	18878.00	6	8-Jun-16	148.52	150.59	150.65	17-Aug-16	24.7
11042	63953.00	18878.00	6	8-Jun-16	152.65	154.72	154.79	17-Aug-16	24.8
11043	63978.00	18878.00	FLAT	8-Jun-16	155.66	157.70	157.73	17-Aug-16	24.3
11044	64003.00	18878.00	FLAT	8-Jun-16	156.71	158.75	158.76	17-Aug-16	24.1
11045	64028.00	18878.00	FLAT	8-Jun-16	157.78	159.82	159.86	17-Aug-16	24.5
11046	64053.00	18878.00	FLAT	8-Jun-16	158.88	160.92	161.06	23-Aug-16	25.7
11047	64078.00	18878.00	FLAT	8-Jun-16	158.17	160.21	160.40	23-Aug-16	26.3
11048	64103.00	18878.00	FLAT	6-Jul-16	157.10	159.14	159.33	23-Aug-16	26.3
11049	64128.00	18878.00	FLAT	6-Jul-16	156.06	158.10	158.22	23-Aug-16	25.4
11050	64153.00	18878.00	6	6-Jul-16	154.29	156.36	156.55	23-Aug-16	26.3
11051	64178.00	18878.00	6	6-Jul-16	150.14	152.21	152.31	23-Aug-16	25.2
11052	64203.00	18878.00	6	6-Jul-16	145.93	148.00	148.05	23-Aug-16	24.6
11053	64228.00	18878.00	6	6-Jul-16	141.76	143.83	143.97	23-Aug-16	25.7
11054	64253.00	18878.00	6	6-Jul-16	137.59	139.66	139.70	23-Aug-16	24.5
11055	64278.00	18878.00	3	6-Jul-16	130.84	132.99	133.21	23-Aug-16	26.6
11056	64303.00	18878.00	3	6-Jul-16	126.50	128.65	128.66	24-Aug-16	24.1

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11057	63803.00	18903.00	3	8-Jun-16	125.87	128.02	128.09	26-Oct-16	24.8
11058	63828.00	18903.00	3	8-Jun-16	126.10	128.25	128.34	17-Aug-16	25.1
11059	63853.00	18903.00	3	8-Jun-16	134.36	136.51	136.60	17-Aug-16	25.1
11060	63878.00	18903.00	6	8-Jun-16	140.10	142.17	142.18	17-Aug-16	24.1
11061	63903.00	18903.00	6	8-Jun-16	144.29	146.36	146.46	17-Aug-16	25.2
11062	63928.00	18903.00	6	8-Jun-16	148.51	150.58	150.68	17-Aug-16	25.2
11063	63953.00	18903.00	6	8-Jun-16	152.62	154.69	154.74	17-Aug-16	24.6
11064	63978.00	18903.00	FLAT	8-Jun-16	155.69	157.73	157.79	17-Aug-16	24.7
11065	64003.00	18903.00	FLAT	8-Jun-16	156.73	158.77	158.82	17-Aug-16	24.6
11066	64028.00	18903.00	FLAT	8-Jun-16	157.82	159.86	159.89	17-Aug-16	24.3
11067	64053.00	18903.00	FLAT	8-Jun-16	158.84	160.88	161.05	23-Aug-16	26.0
11068	64078.00	18903.00	FLAT	8-Jun-16	158.15	160.19	160.38	23-Aug-16	26.3
11069	64103.00	18903.00	FLAT	6-Jul-16	157.09	159.13	159.30	23-Aug-16	26.0
11070	64128.00	18903.00	FLAT	6-Jul-16	156.03	158.07	158.24	23-Aug-16	26.0
11071	64153.00	18903.00	6	6-Jul-16	154.18	156.25	156.27	23-Aug-16	24.2
11072	64178.00	18903.00	6	6-Jul-16	149.99	152.06	152.18	23-Aug-16	25.4
11073	64203.00	18903.00	6	6-Jul-16	145.80	147.87	147.90	23-Aug-16	24.4
11074	64228.00	18903.00	6	6-Jul-16	141.67	143.74	143.80	23-Aug-16	24.7
11075	64253.00	18903.00	6	6-Jul-16	137.48	139.55	139.70	23-Aug-16	25.8
11076	64278.00	18903.00	3	6-Jul-16	130.69	132.84	133.08	23-Aug-16	26.9
11077	64303.00	18903.00	3	6-Jul-16	126.51	128.66	128.72	24-Aug-16	24.7
11078	63803.00	18928.00	3	8-Jun-16	125.75	127.90	127.92	26-Oct-16	24.2
11079	63828.00	18928.00	3	8-Jun-16	126.14	128.29	128.47	17-Aug-16	26.2
11080	63853.00	18928.00	3	8-Jun-16	134.27	136.42	136.51	17-Aug-16	25.1
11081	63878.00	18928.00	6	8-Jun-16	140.11	142.18	142.20	17-Aug-16	24.2
11082	63903.00	18928.00	6	8-Jun-16	144.27	146.34	146.56	17-Aug-16	26.6
11083	63928.00	18928.00	6	8-Jun-16	148.49	150.56	150.58	17-Aug-16	24.2
11084	63953.00	18928.00	6	8-Jun-16	152.56	154.63	154.65	17-Aug-16	24.2
11085	63978.00	18928.00	FLAT	8-Jun-16	155.65	157.69	157.74	17-Aug-16	24.6
11086	64003.00	18928.00	FLAT	8-Jun-16	156.76	158.80	158.81	17-Aug-16	24.1
11087	64028.00	18928.00	FLAT	8-Jun-16	157.77	159.81	159.86	17-Aug-16	24.6
11088	64053.00	18928.00	FLAT	8-Jun-16	158.83	160.87	161.07	23-Aug-16	26.4
11089	64078.00	18928.00	FLAT	8-Jun-16	158.11	160.15	160.30	23-Aug-16	25.8
11090	64103.00	18928.00	FLAT	6-Jul-16	157.05	159.09	159.29	23-Aug-16	26.4
11091	64128.00	18928.00	FLAT	6-Jul-16	155.99	158.03	158.20	23-Aug-16	26.0
11092	64153.00	18928.00	6	6-Jul-16	154.02	156.09	156.34	23-Aug-16	27.0
11093	64178.00	18928.00	6	6-Jul-16	149.88	151.95	151.98	23-Aug-16	24.4
11094	64203.00	18928.00	6	6-Jul-16	145.67	147.74	147.88	23-Aug-16	25.7
11095	64228.00	18928.00	6	6-Jul-16	141.50	143.57	143.73	23-Aug-16	25.9
11096	64253.00	18928.00	6	6-Jul-16	137.36	139.43	139.48	23-Aug-16	24.6
11097	64278.00	18928.00	3	6-Jul-16	130.62	132.77	132.92	23-Aug-16	25.8
11098	64303.00	18928.00	3	6-Jul-16	126.47	128.62	128.67	24-Aug-16	24.6
11099	63803.00	18953.00	3	8-Jun-16	125.77	127.92	127.93	26-Oct-16	24.1
11100	63828.00	18953.00	3	8-Jun-16	126.00	128.15	128.25	17-Aug-16	25.2
11101	63853.00	18953.00	3	8-Jun-16	134.17	136.32	136.43	17-Aug-16	25.3
11102	63878.00	18953.00	6	8-Jun-16	140.10	142.17	142.17	17-Aug-16	24.0
11103	63903.00	18953.00	6	8-Jun-16	144.26	146.33	146.43	17-Aug-16	25.2
11104	63928.00	18953.00	6	8-Jun-16	148.34	150.41	150.47	17-Aug-16	24.7
11105	63953.00	18953.00	6	8-Jun-16	152.55	154.62	154.68	17-Aug-16	24.7
11106	63978.00	18953.00	FLAT	9-Jun-16	155.61	157.65	157.70	17-Aug-16	24.6

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11107	64003.00	18953.00	FLAT	9-Jun-16	156.71	158.75	158.76	17-Aug-16	24.1
11108	64028.00	18953.00	FLAT	9-Jun-16	157.75	159.79	159.84	17-Aug-16	24.6
11109	64053.00	18953.00	FLAT	9-Jun-16	158.82	160.86	160.98	23-Aug-16	25.4
11110	64078.00	18953.00	FLAT	9-Jun-16	158.08	160.12	160.30	23-Aug-16	26.1
11111	64103.00	18953.00	FLAT	6-Jul-16	157.03	159.07	159.09	23-Aug-16	24.2
11112	64128.00	18953.00	FLAT	6-Jul-16	155.97	158.01	158.06	23-Aug-16	24.6
11113	64153.00	18953.00	6	6-Jul-16	153.92	155.99	156.23	23-Aug-16	26.9
11114	64178.00	18953.00	6	6-Jul-16	149.76	151.83	151.90	23-Aug-16	24.8
11115	64203.00	18953.00	6	6-Jul-16	145.60	147.67	147.77	23-Aug-16	25.2
11116	64228.00	18953.00	6	6-Jul-16	141.39	143.46	143.68	23-Aug-16	26.6
11117	64253.00	18953.00	6	6-Jul-16	137.22	139.29	139.54	23-Aug-16	27.0
11118	64278.00	18953.00	3	6-Jul-16	130.45	132.60	132.69	23-Aug-16	25.1
11119	64303.00	18953.00	3	6-Jul-16	126.47	128.62	128.73	24-Aug-16	25.3
11120	63803.00	18978.00	3	9-Jun-16	125.65	127.80	127.82	26-Oct-16	24.2
11121	63828.00	18978.00	3	9-Jun-16	125.98	128.13	128.14	17-Aug-16	24.1
11122	63853.00	18978.00	3	9-Jun-16	134.21	136.36	136.45	17-Aug-16	25.1
11123	63878.00	18978.00	6	9-Jun-16	140.03	142.10	142.12	17-Aug-16	24.2
11124	63903.00	18978.00	6	9-Jun-16	144.20	146.27	146.35	17-Aug-16	25.0
11125	63928.00	18978.00	6	9-Jun-16	148.37	150.44	150.47	17-Aug-16	24.4
11126	63953.00	18978.00	6	9-Jun-16	152.48	154.55	154.56	17-Aug-16	24.1
11127	63978.00	18978.00	FLAT	9-Jun-16	155.61	157.65	157.66	17-Aug-16	24.1
11128	64003.00	18978.00	FLAT	9-Jun-16	156.67	158.71	158.77	17-Aug-16	24.7
11129	64028.00	18978.00	FLAT	9-Jun-16	157.76	159.80	159.85	17-Aug-16	24.6
11130	64053.00	18978.00	FLAT	9-Jun-16	158.81	160.85	160.95	24-Aug-16	25.2
11131	64078.00	18978.00	FLAT	9-Jun-16	157.99	160.03	160.08	24-Aug-16	24.6
11132	64103.00	18978.00	FLAT	6-Jul-16	156.99	159.03	159.05	23-Aug-16	24.2
11133	64128.00	18978.00	FLAT	6-Jul-16	155.92	157.96	158.03	23-Aug-16	24.8
11134	64153.00	18978.00	6	6-Jul-16	153.78	155.85	156.06	23-Aug-16	26.5
11135	64178.00	18978.00	6	6-Jul-16	149.63	151.70	151.90	23-Aug-16	26.4
11136	64203.00	18978.00	6	6-Jul-16	145.44	147.51	147.66	23-Aug-16	25.8
11137	64228.00	18978.00	6	6-Jul-16	141.31	143.38	143.51	23-Aug-16	25.6
11138	64253.00	18978.00	6	6-Jul-16	137.10	139.17	139.35	23-Aug-16	26.2
11139	64278.00	18978.00	3	6-Jul-16	130.35	132.50	132.61	23-Aug-16	25.3
11140	64303.00	18978.00	3	6-Jul-16	126.53	128.68	128.72	24-Aug-16	24.5
11141	63803.00	19003.00	3	9-Jun-16	125.62	127.77	127.77	26-Oct-16	24.0
11142	63828.00	19003.00	3	9-Jun-16	125.82	127.97	128.21	22-Aug-16	26.9
11143	63853.00	19003.00	3	9-Jun-16	134.12	136.27	136.50	22-Aug-16	26.8
11144	63878.00	19003.00	6	9-Jun-16	140.00	142.07	142.13	22-Aug-16	24.7
11145	63903.00	19003.00	6	9-Jun-16	144.12	146.19	146.22	22-Aug-16	24.4
11146	63928.00	19003.00	6	9-Jun-16	148.31	150.38	150.62	22-Aug-16	26.9
11147	63953.00	19003.00	6	9-Jun-16	152.51	154.58	154.59	22-Aug-16	24.1
11148	63978.00	19003.00	FLAT	9-Jun-16	155.61	157.65	157.74	22-Aug-16	25.1
11149	64003.00	19003.00	FLAT	9-Jun-16	156.63	158.67	158.73	17-Aug-16	24.7
11150	64028.00	19003.00	FLAT	9-Jun-16	157.72	159.76	159.81	17-Aug-16	24.6
11151	64053.00	19003.00	FLAT	9-Jun-16	158.80	160.84	160.87	24-Aug-16	24.3
11152	64078.00	19003.00	FLAT	9-Jun-16	158.01	160.05	160.05	24-Aug-16	24.0
11153	64103.00	19003.00	FLAT	6-Jul-16	156.96	159.00	159.14	23-Aug-16	25.7
11154	64128.00	19003.00	FLAT	6-Jul-16	155.89	157.93	157.98	23-Aug-16	24.6
11155	64153.00	19003.00	6	6-Jul-16	153.66	155.73	155.86	23-Aug-16	25.6
11156	64178.00	19003.00	6	6-Jul-16	149.51	151.58	151.78	23-Aug-16	26.4

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11157	64203.00	19003.00	6	6-Jul-16	145.35	147.42	147.50	23-Aug-16	25.0
11158	64228.00	19003.00	6	6-Jul-16	141.15	143.22	143.44	23-Aug-16	26.6
11159	64253.00	19003.00	6	6-Jul-16	136.98	139.05	139.06	23-Aug-16	24.1
11160	64278.00	19003.00	3	6-Jul-16	130.23	132.38	132.61	23-Aug-16	26.8
11161	64303.00	19003.00	3	6-Jul-16	126.34	128.49	128.52	24-Aug-16	24.4
11162	63803.00	19028.00	3	9-Jun-16	125.53	127.68	127.69	26-Oct-16	24.1
11163	63828.00	19028.00	3	9-Jun-16	125.77	127.92	127.94	22-Aug-16	24.2
11164	63853.00	19028.00	3	9-Jun-16	134.10	136.25	136.48	22-Aug-16	26.8
11165	63878.00	19028.00	6	9-Jun-16	139.94	142.01	142.02	22-Aug-16	24.1
11166	63903.00	19028.00	6	9-Jun-16	144.09	146.16	146.35	22-Aug-16	26.3
11167	63928.00	19028.00	6	9-Jun-16	148.28	150.35	150.47	22-Aug-16	25.4
11168	63953.00	19028.00	6	9-Jun-16	152.43	154.50	154.55	22-Aug-16	24.6
11169	63978.00	19028.00	FLAT	9-Jun-16	155.58	157.62	157.74	22-Aug-16	25.4
11170	64003.00	19028.00	FLAT	9-Jun-16	156.67	158.71	158.81	22-Aug-16	25.2
11171	64028.00	19028.00	FLAT	9-Jun-16	157.73	159.77	159.79	22-Aug-16	24.2
11172	64053.00	19028.00	FLAT	9-Jun-16	158.77	160.81	160.87	24-Aug-16	24.7
11173	64078.00	19028.00	FLAT	9-Jun-16	157.97	160.01	160.12	24-Aug-16	25.3
11174	64103.00	19028.00	FLAT	6-Jul-16	156.92	158.96	158.99	23-Aug-16	24.3
11175	64128.00	19028.00	FLAT	6-Jul-16	155.86	157.90	157.96	23-Aug-16	24.7
11176	64153.00	19028.00	6	6-Jul-16	153.52	155.59	155.82	23-Aug-16	26.8
11177	64178.00	19028.00	6	6-Jul-16	149.39	151.46	151.66	23-Aug-16	26.4
11178	64203.00	19028.00	6	6-Jul-16	145.21	147.28	147.49	23-Aug-16	26.5
11179	64228.00	19028.00	6	6-Jul-16	141.04	143.11	143.28	23-Aug-16	26.0
11180	64253.00	19028.00	6	6-Jul-16	136.86	138.93	139.05	23-Aug-16	25.4
11181	64278.00	19028.00	3	6-Jul-16	130.12	132.27	132.33	23-Aug-16	24.7
11182	64303.00	19028.00	3	6-Jul-16	125.17	127.32	127.34	24-Aug-16	24.2
11183	63803.00	19053.00	3	19-Jul-16	125.48	127.63	127.66	26-Oct-16	24.4
11184	63828.00	19053.00	3	19-Jul-16	125.68	127.83	127.89	22-Aug-16	24.7
11185	63853.00	19053.00	3	19-Jul-16	134.12	136.27	136.30	22-Aug-16	24.4
11186	63878.00	19053.00	6	19-Jul-16	139.93	142.00	142.05	22-Aug-16	24.6
11187	63903.00	19053.00	6	19-Jul-16	144.03	146.10	146.19	22-Aug-16	25.1
11188	63928.00	19053.00	6	19-Jul-16	148.32	150.39	150.54	22-Aug-16	25.8
11189	63953.00	19053.00	6	19-Jul-16	152.51	154.58	154.81	22-Aug-16	26.8
11190	63978.00	19053.00	FLAT	19-Jul-16	155.62	157.66	157.67	22-Aug-16	24.1
11191	64003.00	19053.00	FLAT	19-Jul-16	156.69	158.73	158.75	22-Aug-16	24.2
11192	64028.00	19053.00	FLAT	19-Jul-16	157.72	159.76	159.76	22-Aug-16	24.0
11193	64053.00	19053.00	FLAT	9-Jun-16	158.79	160.83	160.93	24-Aug-16	25.2
11194	64078.00	19053.00	FLAT	9-Jun-16	157.94	159.98	160.12	24-Aug-16	25.7
11195	64103.00	19053.00	FLAT	7-Jul-16	156.90	158.94	159.00	23-Aug-16	24.7
11196	64128.00	19053.00	FLAT	7-Jul-16	155.85	157.89	157.90	23-Aug-16	24.1
11197	64153.00	19053.00	6	7-Jul-16	153.41	155.48	155.55	24-Aug-16	24.8
11198	64178.00	19053.00	6	7-Jul-16	149.23	151.30	151.34	24-Aug-16	24.5
11199	64203.00	19053.00	6	7-Jul-16	145.11	147.18	147.22	24-Aug-16	24.5
11200	64228.00	19053.00	6	7-Jul-16	140.92	142.99	143.09	24-Aug-16	25.2
11201	64253.00	19053.00	6	7-Jul-16	136.73	138.80	138.96	24-Aug-16	25.9
11202	64278.00	19053.00	3	7-Jul-16	129.96	132.11	132.16	24-Aug-16	24.6
11203	64303.00	19053.00	3	7-Jul-16	124.67	126.82	126.87	24-Aug-16	24.6
11204	64328.00	19053.00	FLAT	7-Jul-16	127.96	130.00	130.05	26-Oct-16	24.6
11205	63803.00	19078.00	3	19-Jul-16	125.41	127.56	127.57	26-Oct-16	24.1
11206	63828.00	19078.00	3	19-Jul-16	125.74	127.89	128.09	22-Aug-16	26.4

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11207	63853.00	19078.00	3	19-Jul-16	134.04	136.19	136.40	22-Aug-16	26.5
11208	63878.00	19078.00	6	19-Jul-16	139.99	142.06	142.13	22-Aug-16	24.8
11209	63903.00	19078.00	6	19-Jul-16	144.05	146.12	146.36	22-Aug-16	26.9
11210	63928.00	19078.00	6	19-Jul-16	148.10	150.17	150.41	22-Aug-16	26.9
11211	63953.00	19078.00	6	19-Jul-16	152.41	154.48	154.71	22-Aug-16	26.8
11212	63978.00	19078.00	FLAT	19-Jul-16	155.56	157.60	157.80	22-Aug-16	26.4
11213	64003.00	19078.00	FLAT	19-Jul-16	156.62	158.66	158.76	22-Aug-16	25.2
11214	64028.00	19078.00	FLAT	19-Jul-16	157.76	159.80	159.82	22-Aug-16	24.2
11215	64053.00	19078.00	FLAT	13-Jul-16	158.74	160.78	160.85	24-Aug-16	24.8
11216	64078.00	19078.00	FLAT	9-Jun-16	157.95	159.99	160.01	24-Aug-16	24.2
11217	64103.00	19078.00	FLAT	7-Jul-16	156.87	158.91	159.05	24-Aug-16	25.7
11218	64128.00	19078.00	FLAT	7-Jul-16	155.80	157.84	157.96	24-Aug-16	25.4
11219	64153.00	19078.00	6	7-Jul-16	153.31	155.38	155.48	24-Aug-16	25.2
11220	64178.00	19078.00	6	7-Jul-16	149.11	151.18	151.30	24-Aug-16	25.4
11221	64203.00	19078.00	6	7-Jul-16	144.97	147.04	147.04	24-Aug-16	24.0
11222	64228.00	19078.00	6	7-Jul-16	140.79	142.86	142.89	24-Aug-16	24.4
11223	64253.00	19078.00	6	7-Jul-16	136.60	138.67	138.77	24-Aug-16	25.2
11224	64278.00	19078.00	3	7-Jul-16	129.84	131.99	132.13	24-Aug-16	25.7
11225	64303.00	19078.00	3	7-Jul-16	125.87	128.02	128.11	24-Aug-16	25.1
11226	64328.00	19078.00	FLAT	7-Jul-16	127.90	129.94	129.98	26-Oct-16	24.5
11227	63803.00	19103.00	3	19-Jul-16	125.34	127.49	127.52	26-Oct-16	24.4
11228	63828.00	19103.00	3	19-Jul-16	125.60	127.75	127.89	22-Aug-16	25.7
11229	63853.00	19103.00	3	19-Jul-16	133.59	135.74	135.97	22-Aug-16	26.8
11230	63878.00	19103.00	6	19-Jul-16	139.87	141.94	142.19	22-Aug-16	27.0
11231	63903.00	19103.00	6	19-Jul-16	144.08	146.15	146.39	22-Aug-16	26.9
11232	63928.00	19103.00	6	19-Jul-16	148.00	150.07	150.27	22-Aug-16	26.4
11233	63953.00	19103.00	6	19-Jul-16	152.48	154.55	154.73	22-Aug-16	26.2
11234	63978.00	19103.00	FLAT	19-Jul-16	155.58	157.62	157.82	22-Aug-16	26.4
11235	64003.00	19103.00	FLAT	19-Jul-16	156.61	158.65	158.82	22-Aug-16	26.0
11236	64028.00	19103.00	FLAT	19-Jul-16	157.74	159.78	159.88	22-Aug-16	25.2
11237	64053.00	19103.00	FLAT	19-Jul-16	158.78	160.82	160.85	24-Aug-16	24.3
11238	64078.00	19103.00	FLAT	9-Jun-16	157.93	159.97	160.04	24-Aug-16	24.8
11239	64103.00	19103.00	FLAT	7-Jul-16	156.84	158.88	158.99	24-Aug-16	25.3
11240	64128.00	19103.00	FLAT	7-Jul-16	155.76	157.80	158.01	24-Aug-16	26.5
11241	64153.00	19103.00	6	7-Jul-16	153.15	155.22	155.27	24-Aug-16	24.6
11242	64178.00	19103.00	6	7-Jul-16	149.00	151.07	151.21	24-Aug-16	25.7
11243	64203.00	19103.00	6	7-Jul-16	144.82	146.89	146.91	24-Aug-16	24.2
11244	64228.00	19103.00	6	7-Jul-16	140.66	142.73	142.90	24-Aug-16	26.0
11245	64253.00	19103.00	6	7-Jul-16	136.47	138.54	138.64	24-Aug-16	25.2
11246	64278.00	19103.00	3	7-Jul-16	129.71	131.86	131.95	24-Aug-16	25.1
11247	64303.00	19103.00	FLAT	7-Jul-16	126.56	128.60	128.76	24-Aug-16	25.9
11248	64328.00	19103.00	FLAT	7-Jul-16	127.66	129.70	129.73	26-Oct-16	24.3
11249	63803.00	19128.00	3	19-Jul-16	125.23	127.38	127.45	26-Oct-16	24.8
11250	63828.00	19128.00	3	19-Jul-16	125.70	127.85	128.06	22-Aug-16	26.5
11251	63853.00	19128.00	3	19-Jul-16	133.74	135.89	136.05	22-Aug-16	25.9
11252	63878.00	19128.00	6	19-Jul-16	139.67	141.74	141.97	22-Aug-16	26.8
11253	63903.00	19128.00	6	19-Jul-16	144.03	146.10	146.19	22-Aug-16	25.1
11254	63928.00	19128.00	6	19-Jul-16	148.20	150.27	150.36	22-Aug-16	25.1
11255	63953.00	19128.00	6	19-Jul-16	152.15	154.22	154.45	22-Aug-16	26.8
11256	63978.00	19128.00	FLAT	19-Jul-16	155.48	157.52	157.74	22-Aug-16	26.6

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11257	64003.00	19128.00	FLAT	19-Jul-16	156.53	158.57	158.80	22-Aug-16	26.7
11258	64028.00	19128.00	FLAT	19-Jul-16	157.45	159.49	159.72	22-Aug-16	26.7
11259	64053.00	19128.00	FLAT	19-Jul-16	158.02	160.06	160.16	26-Aug-16	25.1
11260	64078.00	19128.00	FLAT	7-Jul-16	157.82	159.86	160.02	26-Aug-16	25.9
11261	64103.00	19128.00	FLAT	7-Jul-16	156.80	158.84	158.89	26-Aug-16	24.6
11262	64128.00	19128.00	FLAT	7-Jul-16	155.75	157.79	157.85	26-Aug-16	24.7
11263	64153.00	19128.00	6	7-Jul-16	153.00	155.07	155.16	24-Aug-16	25.1
11264	64178.00	19128.00	6	7-Jul-16	148.86	150.93	151.08	24-Aug-16	25.8
11265	64203.00	19128.00	6	7-Jul-16	144.71	146.78	147.02	24-Aug-16	26.9
11266	64228.00	19128.00	6	7-Jul-16	140.54	142.61	142.75	24-Aug-16	25.7
11267	64253.00	19128.00	6	7-Jul-16	136.33	138.40	138.55	24-Aug-16	25.8
11268	64278.00	19128.00	3	7-Jul-16	129.56	131.71	131.77	24-Aug-16	24.7
11269	64303.00	19128.00	FLAT	7-Jul-16	126.57	128.61	128.67	24-Aug-16	24.7
11270	64328.00	19128.00	FLAT	7-Jul-16	127.33	129.37	129.38	26-Oct-16	24.1
11271	63803.00	19153.00	3	19-Jul-16	125.20	127.35	127.41	26-Oct-16	24.7
11272	63828.00	19153.00	3	19-Jul-16	125.58	127.73	127.84	22-Aug-16	25.3
11273	63853.00	19153.00	3	19-Jul-16	133.63	135.78	136.00	22-Aug-16	26.7
11274	63878.00	19153.00	6	19-Jul-16	139.84	141.91	141.97	22-Aug-16	24.7
11275	63903.00	19153.00	6	19-Jul-16	143.99	146.06	146.27	22-Aug-16	26.5
11276	63928.00	19153.00	6	19-Jul-16	148.00	150.07	150.22	22-Aug-16	25.9
11277	63953.00	19153.00	6	19-Jul-16	152.26	154.33	154.44	22-Aug-16	25.3
11278	63978.00	19153.00	6	19-Jul-16	155.07	157.14	157.23	22-Aug-16	25.1
11279	64003.00	19153.00	FLAT	19-Jul-16	155.76	157.80	157.95	22-Aug-16	25.8
11280	64028.00	19153.00	FLAT	20-Jul-16	156.40	158.44	158.66	22-Aug-16	26.6
11281	64053.00	19153.00	FLAT	20-Jul-16	156.86	158.90	159.03	26-Aug-16	25.5
11282	64078.00	19153.00	FLAT	13-Jul-16	157.24	159.28	159.32	26-Aug-16	24.5
11283	64103.00	19153.00	FLAT	13-Jul-16	156.74	158.78	158.86	26-Aug-16	24.9
11284	64128.00	19153.00	FLAT	13-Jul-16	155.71	157.75	157.77	26-Aug-16	24.2
11285	64153.00	19153.00	6	13-Jul-16	152.93	155.00	155.16	24-Aug-16	25.9
11286	64178.00	19153.00	6	13-Jul-16	148.72	150.79	150.89	24-Aug-16	25.2
11287	64203.00	19153.00	6	13-Jul-16	144.59	146.66	146.84	24-Aug-16	26.2
11288	64228.00	19153.00	6	13-Jul-16	140.42	142.49	142.55	24-Aug-16	24.7
11289	64253.00	19153.00	6	13-Jul-16	136.22	138.29	138.43	24-Aug-16	25.7
11290	64278.00	19153.00	3	13-Jul-16	129.45	131.60	131.62	24-Aug-16	24.2
11291	64303.00	19153.00	FLAT	13-Jul-16	126.62	128.66	128.76	24-Aug-16	25.2
11292	64328.00	19153.00	3	13-Jul-16	126.49	128.64	128.89	26-Oct-16	27.0
11293	63803.00	19178.00	3	19-Jul-16	125.14	127.29	127.30	26-Oct-16	24.1
11294	63828.00	19178.00	3	19-Jul-16	125.42	127.57	127.77	23-Aug-16	26.4
11295	63853.00	19178.00	3	19-Jul-16	133.47	135.62	135.81	22-Aug-16	26.3
11296	63878.00	19178.00	6	19-Jul-16	139.57	141.64	141.88	22-Aug-16	26.9
11297	63903.00	19178.00	6	19-Jul-16	143.59	145.66	145.77	22-Aug-16	25.3
11298	63928.00	19178.00	6	19-Jul-16	146.87	148.94	149.03	22-Aug-16	25.1
11299	63953.00	19178.00	6	19-Jul-16	149.33	151.40	151.60	22-Aug-16	26.4
11300	63978.00	19178.00	6	15-Jul-16	151.45	153.52	153.72	22-Aug-16	26.4
11301	64003.00	19178.00	6	20-Jul-16	153.74	155.81	155.88	22-Aug-16	24.8
11302	64028.00	19178.00	FLAT	20-Jul-16	155.48	157.52	157.60	22-Aug-16	24.9
11303	64053.00	19178.00	FLAT	20-Jul-16	155.90	157.94	158.00	26-Aug-16	24.7
11304	64078.00	19178.00	FLAT	20-Jul-16	156.13	158.17	158.25	26-Aug-16	24.9
11305	64103.00	19178.00	FLAT	20-Jul-16	156.49	158.53	158.57	26-Aug-16	24.5
11306	64128.00	19178.00	FLAT	13-Jul-16	155.69	157.73	157.84	26-Aug-16	25.3

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11307	64153.00	19178.00	6	13-Jul-16	152.79	154.86	154.97	26-Aug-16	25.3
11308	64178.00	19178.00	6	13-Jul-16	148.60	150.67	150.72	26-Aug-16	24.6
11309	64203.00	19178.00	6	13-Jul-16	144.45	146.52	146.66	24-Aug-16	25.7
11310	64228.00	19178.00	6	13-Jul-16	140.29	142.36	142.46	24-Aug-16	25.2
11311	64253.00	19178.00	6	13-Jul-16	136.10	138.17	138.38	24-Aug-16	26.5
11312	64278.00	19178.00	3	13-Jul-16	129.37	131.52	131.56	24-Aug-16	24.5
11313	64303.00	19178.00	FLAT	13-Jul-16	126.67	128.71	128.74	24-Aug-16	24.3
11314	64328.00	19178.00	3	13-Jul-16	124.90	127.05	127.10	26-Oct-16	24.6
11315	63803.00	19203.00	3	26-Jul-16	125.09	127.24	127.25	26-Oct-16	24.1
11316	63828.00	19203.00	FLAT	26-Jul-16	124.41	126.45	126.68	23-Aug-16	26.8
11317	63853.00	19203.00	3	19-Jul-16	131.61	133.76	133.97	23-Aug-16	26.5
11318	63878.00	19203.00	6	19-Jul-16	138.31	140.38	140.48	23-Aug-16	25.2
11319	63903.00	19203.00	6	20-Jul-16	141.18	143.25	143.29	23-Aug-16	24.5
11320	63928.00	19203.00	6	20-Jul-16	143.52	145.59	145.63	23-Aug-16	24.5
11321	63953.00	19203.00	6	20-Jul-16	145.76	147.83	147.92	23-Aug-16	25.1
11322	63978.00	19203.00	6	20-Jul-16	147.86	149.93	149.99	23-Aug-16	24.7
11323	64003.00	19203.00	6	20-Jul-16	150.18	152.25	152.39	23-Aug-16	25.7
11324	64028.00	19203.00	6	20-Jul-16	152.45	154.52	154.52	23-Aug-16	24.0
11325	64053.00	19203.00	6	20-Jul-16	153.67	155.74	155.75	26-Aug-16	24.1
11326	64078.00	19203.00	6	20-Jul-16	154.82	156.89	156.91	26-Aug-16	24.2
11327	64103.00	19203.00	FLAT	20-Jul-16	155.44	157.48	157.55	26-Aug-16	24.8
11328	64128.00	19203.00	FLAT	13-Jul-16	155.58	157.62	157.70	26-Aug-16	24.9
11329	64153.00	19203.00	6	13-Jul-16	152.68	154.75	154.75	26-Aug-16	24.0
11330	64178.00	19203.00	6	13-Jul-16	148.51	150.58	150.79	26-Aug-16	26.5
11331	64203.00	19203.00	6	13-Jul-16	144.36	146.43	146.62	24-Aug-16	26.3
11332	64228.00	19203.00	6	13-Jul-16	140.18	142.25	142.46	24-Aug-16	26.5
11333	64253.00	19203.00	6	13-Jul-16	135.99	138.06	138.14	24-Aug-16	25.0
11334	64278.00	19203.00	3	13-Jul-16	129.21	131.36	131.39	24-Aug-16	24.4
11335	64303.00	19203.00	FLAT	13-Jul-16	126.71	128.75	128.76	24-Aug-16	24.1
11336	64328.00	19203.00	FLAT	13-Jul-16	122.79	124.83	125.08	26-Aug-16	27.0
11337	63803.00	19228.00	3	26-Jul-16	124.84	126.99	127.09	26-Oct-16	25.2
11338	63828.00	19228.00	FLAT	26-Jul-16	124.27	126.31	126.55	23-Aug-16	26.9
11339	63853.00	19228.00	3	19-Jul-16	127.56	129.71	129.73	23-Aug-16	24.2
11340	63878.00	19228.00	3	19-Jul-16	133.41	135.56	135.76	23-Aug-16	26.4
11341	63903.00	19228.00	6	20-Jul-16	137.71	139.78	139.96	23-Aug-16	26.2
11342	63928.00	19228.00	6	20-Jul-16	140.01	142.08	142.20	23-Aug-16	25.4
11343	63953.00	19228.00	6	20-Jul-16	142.26	144.33	144.52	23-Aug-16	26.3
11344	63978.00	19228.00	6	20-Jul-16	144.30	146.37	146.60	23-Aug-16	26.8
11345	64003.00	19228.00	6	20-Jul-16	146.65	148.72	148.95	23-Aug-16	26.8
11346	64028.00	19228.00	6	20-Jul-16	148.32	150.39	150.62	23-Aug-16	26.8
11347	64053.00	19228.00	6	20-Jul-16	149.67	151.74	151.92	26-Aug-16	26.2
11348	64078.00	19228.00	6	20-Jul-16	150.69	152.76	152.98	26-Aug-16	26.7
11349	64103.00	19228.00	6	20-Jul-16	152.08	154.15	154.16	26-Aug-16	24.1
11350	64128.00	19228.00	6	20-Jul-16	153.36	155.43	155.44	26-Aug-16	24.1
11351	64153.00	19228.00	6	14-Jul-16	152.46	154.53	154.64	26-Aug-16	25.3
11352	64178.00	19228.00	6	14-Jul-16	148.58	150.65	150.68	26-Aug-16	24.4
11353	64203.00	19228.00	6	14-Jul-16	144.36	146.43	146.46	26-Aug-16	24.4
11354	64228.00	19228.00	6	14-Jul-16	140.29	142.36	142.38	24-Aug-16	24.2
11355	64253.00	19228.00	6	14-Jul-16	136.10	138.17	138.18	24-Aug-16	24.1
11356	64278.00	19228.00	3	14-Jul-16	129.26	131.41	131.61	24-Aug-16	26.4

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11357	64303.00	19228.00	FLAT	14-Jul-16	126.74	128.78	128.78	24-Aug-16	24.0
11358	64328.00	19228.00	3	14-Jul-16	125.49	127.64	127.66	26-Aug-16	24.2
11359	64353.00	19228.00	FLAT	14-Jul-16	126.49	128.53	128.55	26-Oct-16	24.2
11361	63853.00	19253.00	3	25-Jul-16	123.31	125.46	125.48	22-Aug-16	24.2
11362	63878.00	19253.00	3	25-Jul-16	126.61	128.76	129.00	22-Aug-16	26.9
11363	63903.00	19253.00	3	25-Jul-16	131.11	133.26	133.30	22-Aug-16	24.5
11364	63928.00	19253.00	3	25-Jul-16	135.58	137.73	137.81	22-Aug-16	25.0
11365	63953.00	19253.00	6	20-Jul-16	138.77	140.84	140.93	22-Aug-16	25.1
11366	63978.00	19253.00	6	20-Jul-16	140.97	143.04	143.26	22-Aug-16	26.6
11367	64003.00	19253.00	6	20-Jul-16	143.06	145.13	145.32	22-Aug-16	26.3
11368	64028.00	19253.00	6	20-Jul-16	144.37	146.44	146.48	29-Aug-16	24.5
11369	64053.00	19253.00	6	20-Jul-16	145.68	147.75	147.76	29-Aug-16	24.1
11370	64078.00	19253.00	6	20-Jul-16	146.85	148.92	149.01	26-Aug-16	25.1
11371	64103.00	19253.00	6	20-Jul-16	148.17	150.24	150.27	26-Aug-16	24.4
11372	64128.00	19253.00	6	20-Jul-16	149.41	151.48	151.51	26-Aug-16	24.4
11373	64153.00	19253.00	6	20-Jul-16	150.01	152.08	152.25	26-Aug-16	26.0
11374	64178.00	19253.00	6	14-Jul-16	148.24	150.31	150.35	26-Aug-16	24.5
11375	64203.00	19253.00	6	14-Jul-16	144.12	146.19	146.26	26-Aug-16	24.8
11376	64228.00	19253.00	6	14-Jul-16	140.23	142.30	142.40	26-Aug-16	25.2
11377	64253.00	19253.00	6	14-Jul-16	136.18	138.25	138.29	26-Aug-16	24.5
11378	64278.00	19253.00	3	14-Jul-16	129.14	131.29	131.33	24-Aug-16	24.5
11379	64303.00	19253.00	FLAT	14-Jul-16	126.82	128.86	129.03	24-Aug-16	26.0
11380	64328.00	19253.00	FLAT	14-Jul-16	125.98	128.02	128.02	26-Aug-16	24.0
11381	64353.00	19253.00	FLAT	14-Jul-16	126.15	128.19	128.19	26-Oct-16	24.0
11382	63878.00	19278.00	3	25-Jul-16	124.14	126.29	126.29	1-Sep-16	24.0
11383	63903.00	19278.00	3	25-Jul-16	124.86	127.01	127.12	23-Aug-16	25.3
11384	63928.00	19278.00	3	25-Jul-16	128.40	130.55	130.78	23-Aug-16	26.8
11385	63953.00	19278.00	3	25-Jul-16	132.98	135.13	135.14	23-Aug-16	24.1
11386	63978.00	19278.00	3	20-Jul-16	137.11	139.26	139.50	23-Aug-16	26.9
11387	64003.00	19278.00	6	20-Jul-16	139.20	141.27	141.52	23-Aug-16	27.0
11388	64028.00	19278.00	6	20-Jul-16	140.43	142.50	142.58	29-Aug-16	25.0
11389	64053.00	19278.00	6	20-Jul-16	141.77	143.84	143.84	29-Aug-16	24.0
11390	64078.00	19278.00	6	20-Jul-16	142.82	144.89	144.91	26-Aug-16	24.3
11391	64103.00	19278.00	6	20-Jul-16	144.18	146.25	146.32	26-Aug-16	24.8
11392	64128.00	19278.00	6	20-Jul-16	145.34	147.41	147.42	26-Aug-16	24.1
11393	64153.00	19278.00	6	20-Jul-16	146.78	148.85	148.89	26-Aug-16	24.5
11394	64178.00	19278.00	6	14-Jul-16	146.16	148.23	148.23	26-Aug-16	24.0
11395	64203.00	19278.00	6	14-Jul-16	143.76	145.83	146.01	26-Aug-16	26.2
11396	64228.00	19278.00	6	14-Jul-16	140.07	142.14	142.14	26-Aug-16	24.0
11397	64253.00	19278.00	6	14-Jul-16	136.13	138.20	138.23	26-Aug-16	24.4
11398	64278.00	19278.00	3	14-Jul-16	129.15	131.30	131.35	26-Aug-16	24.6
11399	64303.00	19278.00	FLAT	14-Jul-16	126.79	128.83	128.86	26-Aug-16	24.3
11400	64328.00	19278.00	FLAT	14-Jul-16	126.11	128.15	128.17	26-Aug-16	24.2
11401	64353.00	19278.00	FLAT	14-Jul-16	125.83	127.87	127.87	26-Oct-16	24.0
11402	63928.00	19303.00	3	25-Jul-16	123.74	125.89	126.07	1-Sep-16	26.2
11403	63953.00	19303.00	3	25-Jul-16	126.11	128.26	128.45	22-Aug-16	26.3
11404	63978.00	19303.00	3	25-Jul-16	130.26	132.41	132.64	22-Aug-16	26.8
11405	64003.00	19303.00	3	25-Jul-16	133.36	135.51	135.73	22-Aug-16	26.6
11406	64028.00	19303.00	3	20-Jul-16	136.06	138.21	138.22	29-Aug-16	24.1
11407	64053.00	19303.00	6	21-Jul-16	137.58	139.65	139.73	29-Aug-16	25.0

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11408	64078.00	19303.00	6	20-Jul-16	138.74	140.81	140.92	26-Aug-16	25.3
11409	64103.00	19303.00	6	21-Jul-16	140.09	142.16	142.21	26-Aug-16	24.6
11410	64128.00	19303.00	6	20-Jul-16	141.19	143.26	143.41	26-Aug-16	25.8
11411	64153.00	19303.00	6	20-Jul-16	142.52	144.59	144.64	26-Aug-16	24.6
11412	64178.00	19303.00	6	14-Jul-16	143.22	145.29	145.29	26-Aug-16	24.0
11413	64203.00	19303.00	6	14-Jul-16	141.94	144.01	144.04	26-Aug-16	24.4
11414	64228.00	19303.00	6	14-Jul-16	139.28	141.35	141.57	26-Aug-16	26.6
11415	64253.00	19303.00	6	14-Jul-16	136.08	138.15	138.15	26-Aug-16	24.0
11416	64278.00	19303.00	3	14-Jul-16	129.44	131.59	131.62	26-Aug-16	24.4
11417	64303.00	19303.00	FLAT	14-Jul-16	126.87	128.91	128.91	26-Aug-16	24.0
11418	64328.00	19303.00	FLAT	14-Jul-16	126.04	128.08	128.22	26-Aug-16	25.7
11419	64353.00	19303.00	FLAT	14-Jul-16	125.68	127.72	127.75	26-Oct-16	24.3
11420	63978.00	19328.00	FLAT	25-Jul-16	123.68	125.72	125.72	26-Oct-16	24.0
11421	64003.00	19328.00	FLAT	25-Jul-16	126.27	128.31	128.31	29-Aug-16	24.0
11422	64028.00	19328.00	3	25-Jul-16	128.26	130.41	130.44	29-Aug-16	24.4
11423	64053.00	19328.00	3	22-Jul-16	130.90	133.05	133.05	29-Aug-16	24.0
11424	64078.00	19328.00	3	20-Jul-16	133.62	135.77	135.86	26-Aug-16	25.1
11425	64103.00	19328.00	6	21-Jul-16	135.93	138.00	138.03	26-Aug-16	24.4
11426	64128.00	19328.00	6	21-Jul-16	137.20	139.27	139.29	26-Aug-16	24.2
11427	64153.00	19328.00	6	20-Jul-16	138.60	140.67	140.71	26-Aug-16	24.5
11428	64178.00	19328.00	6	20-Jul-16	139.81	141.88	141.91	26-Aug-16	24.4
11429	64203.00	19328.00	6	20-Jul-16	139.42	141.49	141.53	26-Aug-16	24.5
11430	64228.00	19328.00	6	20-Jul-16	137.74	139.81	139.81	26-Aug-16	24.0
11431	64253.00	19328.00	6	20-Jul-16	135.13	137.20	137.20	26-Aug-16	24.0
11432	64278.00	19328.00	3	20-Jul-16	128.46	130.61	130.63	26-Aug-16	24.2
11433	64303.00	19328.00	FLAT	20-Jul-16	127.00	129.04	129.09	26-Aug-16	24.5
11434	64328.00	19328.00	FLAT	20-Jul-16	126.16	128.20	128.21	26-Aug-16	24.1
11435	64353.00	19328.00	3	20-Jul-16	124.73	126.88	126.98	26-Oct-16	25.2
11436	64028.00	19353.00	FLAT	25-Jul-16	124.12	126.16	126.26	1-Sep-16	25.2
11437	64053.00	19353.00	FLAT	22-Jul-16	126.58	128.62	128.62	1-Sep-16	24.0
11438	64078.00	19353.00	FLAT	22-Jul-16	127.34	129.38	129.39	26-Aug-16	24.1
11439	64103.00	19353.00	3	22-Jul-16	128.72	130.87	130.89	26-Aug-16	24.2
11440	64128.00	19353.00	3	22-Jul-16	131.44	133.59	133.62	26-Aug-16	24.4
11441	64153.00	19353.00	3	20-Jul-16	134.34	136.49	136.49	26-Aug-16	24.0
11442	64178.00	19353.00	6	20-Jul-16	135.93	138.00	138.04	26-Aug-16	24.5
11443	64203.00	19353.00	6	20-Jul-16	136.32	138.39	138.62	26-Aug-16	26.8
11444	64228.00	19353.00	6	20-Jul-16	135.38	137.45	137.51	26-Aug-16	24.7
11445	64253.00	19353.00	3	20-Jul-16	131.57	133.72	133.75	26-Aug-16	24.4
11446	64278.00	19353.00	FLAT	20-Jul-16	127.69	129.73	129.78	26-Aug-16	24.6
11447	64303.00	19353.00	FLAT	20-Jul-16	126.95	128.99	128.99	26-Aug-16	24.0
11448	64328.00	19353.00	FLAT	20-Jul-16	126.17	128.21	128.30	26-Aug-16	25.1
11449	64353.00	19353.00	FLAT	20-Jul-16	123.52	125.56	125.62	26-Oct-16	24.7
11450	64078.00	19378.00	FLAT	22-Jul-16	124.65	126.69	126.75	26-Oct-16	24.7
11451	64103.00	19378.00	FLAT	22-Jul-16	127.05	129.09	129.10	26-Aug-16	24.1
11452	64128.00	19378.00	FLAT	22-Jul-16	127.67	129.71	129.73	26-Aug-16	24.2
11453	64153.00	19378.00	FLAT	22-Jul-16	128.33	130.37	130.57	26-Aug-16	26.4
11454	64178.00	19378.00	3	22-Jul-16	129.77	131.92	131.93	26-Aug-16	24.1
11455	64203.00	19378.00	3	20-Jul-16	131.10	133.25	133.35	26-Aug-16	25.2
11456	64228.00	19378.00	3	20-Jul-16	129.37	131.52	134.54	29-Aug-16	60.2
11457	64253.00	19378.00	FLAT	20-Jul-16	128.41	130.45	131.44	29-Aug-16	35.9

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11458	64278.00	19378.00	FLAT	20-Jul-16	127.71	129.75	129.79	26-Aug-16	24.5
11459	64303.00	19378.00	FLAT	20-Jul-16	126.95	128.99	129.02	26-Aug-16	24.3
11460	64328.00	19378.00	FLAT	20-Jul-16	126.15	128.19	128.29	26-Aug-16	25.2
11461	64353.00	19378.00	3	20-Jul-16	124.18	126.33	126.34	26-Aug-16	24.1
11462	64378.00	19378.00	FLAT	20-Jul-16	125.88	127.92	127.96	26-Oct-16	24.5
11463	64128.00	19403.00	3	22-Jul-16	125.22	127.37	127.38	29-Aug-16	24.1
11464	64153.00	19403.00	FLAT	22-Jul-16	127.51	129.55	129.58	29-Aug-16	24.3
11465	64178.00	19403.00	FLAT	22-Jul-16	127.74	129.78	129.95	26-Aug-16	26.0
11466	64203.00	19403.00	FLAT	20-Jul-16	128.28	130.32	130.34	26-Aug-16	24.2
11467	64228.00	19403.00	FLAT	20-Jul-16	128.36	130.40	130.45	26-Aug-16	24.6
11468	64253.00	19403.00	FLAT	20-Jul-16	128.35	130.39	131.04	29-Aug-16	31.8
11469	64278.00	19403.00	FLAT	20-Jul-16	127.69	129.73	129.82	26-Aug-16	25.1
11470	64303.00	19403.00	FLAT	20-Jul-16	126.93	128.97	129.06	26-Aug-16	25.1
11471	64328.00	19403.00	FLAT	20-Jul-16	126.17	128.21	128.26	26-Aug-16	24.6
11472	64353.00	19403.00	3	20-Jul-16	125.42	127.57	127.57	26-Aug-16	24.0
11473	64378.00	19403.00	FLAT	20-Jul-16	125.89	127.93	127.93	26-Oct-16	24.0
11474	64178.00	19428.00	3	25-Jul-16	125.71	127.86	127.86	26-Oct-16	24.0
11475	64203.00	19428.00	FLAT	25-Jul-16	127.48	129.52	129.54	1-Sep-16	24.2
11476	64228.00	19428.00	FLAT	20-Jul-16	127.57	129.61	129.76	26-Aug-16	25.8
11477	64253.00	19428.00	FLAT	20-Jul-16	127.64	129.68	129.74	26-Aug-16	24.7
11478	64278.00	19428.00	FLAT	20-Jul-16	127.64	129.68	129.72	26-Aug-16	24.5
11479	64303.00	19428.00	FLAT	20-Jul-16	126.97	129.01	129.03	26-Aug-16	24.2
11480	64328.00	19428.00	FLAT	20-Jul-16	126.19	128.23	128.25	26-Aug-16	24.2
11481	64353.00	19428.00	FLAT	20-Jul-16	125.46	127.50	127.52	26-Aug-16	24.2
11482	64378.00	19428.00	FLAT	20-Jul-16	125.79	127.83	127.84	26-Oct-16	24.1
11483	64228.00	19453.00	FLAT	20-Jul-16	125.58	127.62	129.14	1-Sep-16	42.2
11484	64253.00	19453.00	FLAT	20-Jul-16	127.00	129.04	129.16	26-Aug-16	25.4
11485	64278.00	19453.00	FLAT	20-Jul-16	126.74	128.78	128.78	26-Aug-16	24.0
11486	64303.00	19453.00	FLAT	20-Jul-16	126.82	128.86	128.90	26-Aug-16	24.5
11487	64328.00	19453.00	FLAT	20-Jul-16	126.26	128.30	128.34	26-Aug-16	24.5
11488	64353.00	19453.00	FLAT	20-Jul-16	125.45	127.49	127.54	26-Aug-16	24.6
11489	64378.00	19453.00	FLAT	20-Jul-16	125.73	127.77	127.77	26-Oct-16	24.0
11490	64278.00	19478.00	3	20-Jul-16	125.08	127.23	127.30	1-Sep-16	24.8
11491	64303.00	19478.00	FLAT	20-Jul-16	126.08	128.12	128.23	29-Aug-16	25.3
11492	64328.00	19478.00	FLAT	20-Jul-16	126.20	128.24	128.31	26-Aug-16	24.8
11493	64353.00	19478.00	FLAT	20-Jul-16	125.49	127.53	127.67	26-Aug-16	25.7
11494	64378.00	19478.00	3	20-Jul-16	125.51	127.66	127.67	29-Aug-16	24.1
11499	63803.00	19241.38	FLAT	26-Jul-16	125.00	127.04	127.12	1-Sep-16	24.9
11526	64321.45	17653.00	FLAT	13-Jun-16	126.80	128.84	128.90	26-Oct-16	24.7
11527	64321.44	17678.00	FLAT	13-Jun-16	126.71	128.75	128.82	26-Oct-16	24.8
11528	64321.43	17703.00	FLAT	13-Jun-16	126.61	128.65	128.72	26-Oct-16	24.8
11529	64321.42	17728.00	FLAT	13-Jun-16	126.88	128.92	128.92	26-Oct-16	24.0
11530	64321.42	17753.00	FLAT	13-Jun-16	127.09	129.13	129.15	26-Oct-16	24.2
11531	64321.41	17778.00	FLAT	13-Jun-16	127.36	129.40	129.40	26-Oct-16	24.0
11532	64321.40	17803.00	FLAT	13-Jun-16	127.40	129.44	129.45	26-Oct-16	24.1
11533	64321.39	17828.00	FLAT	13-Jun-16	127.41	129.45	129.45	26-Oct-16	24.0
11534	64321.38	17853.00	FLAT	13-Jun-16	127.40	129.44	129.45	26-Oct-16	24.1
11535	64321.37	17878.00	FLAT	13-Jun-16	127.39	129.43	129.43	26-Oct-16	24.0
11536	64321.37	17903.00	FLAT	13-Jun-16	127.44	129.48	129.50	26-Oct-16	24.2
11537	64321.36	17928.00	FLAT	20-Jun-16	127.50	129.54	129.54	26-Oct-16	24.0

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Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	VERIFY COVER THICKNESS (IN)
11538	64321.35	17953.00	FLAT	20-Jun-16	127.70	129.74	129.76	26-Oct-16	24.2
11539	64321.34	17978.00	FLAT	20-Jun-16	127.93	129.97	129.97	26-Oct-16	24.0
11540	64321.33	18003.00	FLAT	20-Jun-16	127.97	130.01	130.02	26-Oct-16	24.1
11541	64321.32	18028.00	FLAT	20-Jun-16	127.97	130.01	130.06	26-Oct-16	24.6
11542	64321.32	18053.00	FLAT	20-Jun-16	127.98	130.02	130.07	26-Oct-16	24.6
11543	64321.31	18078.00	FLAT	20-Jun-16	127.98	130.02	130.07	26-Oct-16	24.6
11544	64321.30	18103.00	FLAT	20-Jun-16	127.98	130.02	130.02	26-Oct-16	24.0
11545	64321.29	18128.00	FLAT	20-Jun-16	128.16	130.20	130.22	26-Oct-16	24.2
11546	64321.28	18153.00	FLAT	20-Jun-16	128.36	130.40	130.40	26-Oct-16	24.0
11547	64321.27	18178.00	FLAT	21-Jun-16	128.50	130.54	130.56	26-Oct-16	24.2
11548	64321.27	18203.00	FLAT	21-Jun-16	128.49	130.53	130.53	26-Oct-16	24.0
11549	64321.26	18228.00	FLAT	21-Jun-16	128.51	130.55	130.55	26-Oct-16	24.0
11550	64321.25	18253.00	FLAT	21-Jun-16	128.50	130.54	130.57	26-Oct-16	24.3
11551	64321.24	18278.00	FLAT	21-Jun-16	128.50	130.54	130.55	26-Oct-16	24.1
11552	64321.23	18303.00	FLAT	21-Jun-16	128.50	130.54	130.56	26-Oct-16	24.2
11553	64321.22	18328.00	FLAT	21-Jun-16	128.46	130.50	130.50	26-Oct-16	24.0
11554	64321.22	18353.00	FLAT	23-Jun-16	128.46	130.50	130.51	26-Oct-16	24.1
11555	64321.21	18378.00	FLAT	23-Jun-16	128.46	130.50	130.50	26-Oct-16	24.0
11556	64321.20	18403.00	FLAT	23-Jun-16	128.46	130.50	130.51	26-Oct-16	24.1
11557	64321.19	18428.00	FLAT	23-Jun-16	128.46	130.50	130.52	26-Oct-16	24.2
11558	64321.18	18453.00	FLAT	23-Jun-16	128.51	130.55	130.56	26-Oct-16	24.1
11559	64321.17	18478.00	FLAT	23-Jun-16	128.48	130.52	130.54	26-Oct-16	24.2
11560	64321.17	18503.00	FLAT	23-Jun-16	128.51	130.55	130.57	26-Oct-16	24.2
11561	64321.16	18528.00	FLAT	23-Jun-16	128.52	130.56	130.57	26-Oct-16	24.1
11562	64321.15	18553.00	FLAT	23-Jun-16	128.48	130.52	130.55	26-Oct-16	24.3
11563	64321.14	18578.00	FLAT	23-Jun-16	128.51	130.55	130.55	26-Oct-16	24.0
11564	64321.13	18603.00	FLAT	23-Jun-16	128.51	130.55	130.56	26-Oct-16	24.1
11565	64321.12	18628.00	FLAT	25-Jun-16	128.48	130.52	130.53	26-Oct-16	24.1
11566	64321.12	18653.00	FLAT	25-Jun-16	128.49	130.53	130.55	26-Oct-16	24.2
11567	64321.11	18678.00	FLAT	25-Jun-16	128.49	130.53	130.54	26-Oct-16	24.1
11568	64321.10	18703.00	FLAT	25-Jun-16	128.50	130.54	130.55	26-Oct-16	24.1
11569	64321.09	18728.00	FLAT	25-Jun-16	128.47	130.51	130.55	26-Oct-16	24.5
11570	64321.08	18753.00	FLAT	25-Jun-16	128.49	130.53	130.54	26-Oct-16	24.1
11571	64321.07	18778.00	FLAT	25-Jun-16	128.48	130.52	130.53	26-Oct-16	24.1
11572	64321.07	18803.00	FLAT	25-Jun-16	128.44	130.48	130.49	26-Oct-16	24.1
11573	64321.06	18828.00	FLAT	25-Jun-16	128.19	130.23	130.25	26-Oct-16	24.2
11574	64321.05	18853.00	FLAT	25-Jun-16	127.98	130.02	130.03	26-Oct-16	24.1
11575	64321.04	18878.00	FLAT	6-Jul-16	127.98	130.02	130.05	26-Oct-16	24.3
11576	64321.03	18903.00	FLAT	6-Jul-16	127.99	130.03	130.04	26-Oct-16	24.1
11577	64321.02	18928.00	FLAT	6-Jul-16	127.98	130.02	130.02	26-Oct-16	24.0
11578	64321.02	18953.00	FLAT	6-Jul-16	127.96	130.00	130.02	26-Oct-16	24.2
11579	64321.01	18978.00	FLAT	6-Jul-16	128.00	130.04	130.06	26-Oct-16	24.2
11580	64321.75	19003.00	FLAT	6-Jul-16	128.00	130.04	130.06	26-Oct-16	24.2
11581	64325.47	19027.72	FLAT	6-Jul-16	128.00	130.04	130.05	26-Oct-16	24.1
11582	64329.18	19052.44	FLAT	7-Jul-16	128.02	130.06	130.06	26-Oct-16	24.0
11583	64332.90	19077.17	FLAT	7-Jul-16	127.84	129.88	129.89	26-Oct-16	24.1
11584	64336.61	19101.89	FLAT	7-Jul-16	127.79	129.83	129.85	26-Oct-16	24.2
11585	64340.33	19126.61	FLAT	13-Jul-16	127.55	129.59	129.60	26-Oct-16	24.1
11586	64344.05	19151.33	FLAT	13-Jul-16	127.29	129.33	129.35	26-Oct-16	24.2
11587	64347.76	19176.06	FLAT	13-Jul-16	127.05	129.09	129.11	26-Oct-16	24.2

Envirocon

Final 488-4D Coal Ash Landfill Verification Table

Point	Northing	Easting	Slope Zone	Date of 6 Inch Survey	AB T6CC Elevation	DSN FG Elevation	AB FG Elevation	Date of Topsoil Survey	**VERIFY COVER THICKNESS (IN)**
11588	64351.48	19200.78	FLAT	13-Jul-16	126.78	128.82	128.85	26-Oct-16	24.3
11589	64355.19	19225.50	FLAT	14-Jul-16	126.56	128.60	128.61	26-Oct-16	24.1
11590	64358.91	19250.22	FLAT	14-Jul-16	126.29	128.33	128.35	26-Oct-16	24.2
11591	64362.63	19274.95	FLAT	14-Jul-16	126.02	128.06	128.07	26-Oct-16	24.1
11592	64366.34	19299.67	FLAT	20-Jul-16	126.01	128.05	128.07	26-Oct-16	24.2
11593	64370.06	19324.39	FLAT	20-Jul-16	125.98	128.02	128.04	26-Oct-16	24.2
11594	64373.77	19349.11	FLAT	20-Jul-16	125.96	128.00	128.02	26-Oct-16	24.2
11596	64381.20	19398.56	FLAT	20-Jul-16	125.98	128.02	128.04	26-Oct-16	24.2
11597	64384.92	19423.28	FLAT	20-Jul-16	125.96	128.00	128.02	26-Oct-16	24.2
11598	64388.64	19448.00	FLAT	20-Jul-16	125.97	128.01	128.01	26-Oct-16	24.0
11599	64392.35	19472.72	FLAT	20-Jul-16	125.98	128.02	128.04	26-Oct-16	24.2
11600	64396.00	19497.00	FLAT	20-Jul-16	125.98	128.02	128.04	26-Oct-16	24.2
11601	64396.61	19498.00	FLAT	22-Jul-16	125.96	128.00	128.00	26-Oct-16	24.0
11602	64378.00	19498.00	3	22-Jul-16	124.49	126.64	126.70	26-Oct-16	24.7
11603	64353.00	19498.00	3	22-Jul-16	125.52	127.67	127.71	26-Oct-16	24.5
11605	64328.00	19498.00	FLAT	22-Jul-16	124.21	126.25	126.25	26-Oct-16	24.0

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APPENDIX T

WELLS

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APPENDIX T1

SCDHEC Well Installation/Abandonment Approvals

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10/05D

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

July 28, 2014

ENVIRONMENTAL COMPLIANCE &
AUG - 4 2014
AREA COMPLETION PROJECTS

Mr. Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance & Area Completion Projects
Savannah River Nuclear Solutions
Aiken, South Carolina, 29808

RE: Savannah River Site (SRS)/FFA
D-Area Ash Landfill (488-4D)
SC1 890 008 989
Barnwell County

Request for the approval for the abandonment of groundwater monitoring wells in support of the D-Area Ash Landfill (488-4D) removal action activities (ER-HGPP-2014-00021), SRNS-J2000-2014-00357, dated July 23, 2014.

Dear Mr. Terry:

The above-referenced request has been reviewed with regard to R.61-71 of the South Carolina Well Standards and Regulations. The request proposes the abandonment of four monitoring wells (DCB 16R, DCB 47C, DCB075, and DCB076) to support the removal action activities at the D-Area Ash Landfill (488-4D). The removal activities include the installation of a geosynthetic cover system that will meet the permeability, infiltration, and erosion control requirements of a SCDHEC Class III Landfill. These monitoring wells will be replaced after the geosynthetic cover system is installed. A program plan for the installation of the replacement wells will be submitted to the SCDHEC Federal Remediation Section as well as the Solid Waste Groundwater Section (pursuant to the Solid Waste Class II Landfill Permit #025800-1602) for approval prior to installation. The monitoring wells will be abandoned in accordance with SRS Procedures Manual 3Q1, Section 9000, "Hydrogeologic Data Collection Procedure and Specifications" and R.61-71 South Carolina Well Standards dated April 26, 2002.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

Based on this review, approval is granted for the abandonment of the above-mentioned permanent monitoring wells. Should you have any questions regarding the above, please contact me at (803) 898-0909.

Sincerely,

Ashleigh Thrash

Ashleigh Thrash, Hydrogeologist
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management

cc: Susan Fulmer, BLWM
Rob Pope, EPA Region IV
Brian Hennessey, DOE
Jennifer Hughes, Midlands Region, BEHS, Aiken
Heather Cathcart, BLWM
Roger E. Schweitzer, BLWM

104101

D H E C

PROMOTE PROTECT PROSPER

Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

December 3, 2015

ENVIRONMENTAL COMPLIANCE &
DEC - 8 2015
AREA COMPLETION PROJECTS

Mr. Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance and Area Completion Projects
Savannah River Nuclear Solutions
Savannah River Site
Aiken, South Carolina 29808

Re: Savannah River Site (SRS)/FFA
D-Area Operable Unit
SC1 890 008 989
Barnwell County

Request for Approval for the Savannah River Site Hydrogeologic/Geotechnical Well Abandonment Program Plan for the D-Area Ash Project (Wells around D-Area Ash Basin 488-1D) (ER-HGPP-2015-00018) (Terry to Fulmer), SRNS-J2000-2015-00730, dated December 1, 2015.

Dear Mr. Terry:

The above referenced request has been reviewed with regard to R.61-71 of the South Carolina Well Standards and Regulations. The request proposed the abandonment of ten (10) wells/piezometers (DA 4C, DB 5C, DB 6C, DA 7C, DB 10C, DA 11C, DA 12C, DB 13C, DA 14C, and 15C) that are located in the D-Area Ash Basin (488-1D) south and west berms, as the wells are no longer required due to closure of the basin. The monitoring wells/piezometers will be abandoned in accordance with SRS Procedures Manual 3Q1, Section 9010, "Well Abandonments" and R.61-71 South Carolina Well Standards dated April 26, 2002.

Based on this review, approval is granted for the abandonment of the above mentioned wells/piezometers **only if** the closure of the D-Area Ash Basin (488-1D) proceeds as scheduled. However, if the dewatering of the basin does not commence by March 2016, approval for the abandonment of these wells is not granted. Also, the Department acknowledges for accountability purposes the abandonment of vadose zone well, P-06. The above conditions apply to this vadose zone well as well. Should you have any questions regarding the above, please contact me at (803) 898-0916.

Sincerely,

Heather H Cathcart

Heather H. Cathcart
Federal Remediation Coordinator
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management

cc: Susan Fulmer, BLWM
Candice Freeman, DOE
Rob Pope, EPA Region IV
Jennifer Hughes, Midlands EQC Region - Aiken

dhec
Healthy People. Healthy Communities

ENVIRONMENTAL COMPLIANCE &
AUG - 8 2016
AREA COMPLETION PROJECTS

August 4, 2016

Mr. Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance and Area Completion Projects
Savannah Nuclear Solutions
Aiken, South Carolina 29808

Re: Savannah River Site (SRS)/FFA
D-Area Operable Unit
SC1 890 008 989
Barnwell County

Request for the Savannah River Site Hydrogeologic/Geotechnical Well Abandonment Program Plan for the D-Area Ash Project (Well East of the 488-4D Ash Landfill) (ER-HGPP-2016-00007), SRNS-J2000-2016-00472, dated July 28, 2016 and received July 29, 2016.

Dear Mr. Terry:

The above referenced request has been reviewed with regard to R.61-71 of the South Carolina Well Standards and Regulations. The request proposes the abandonment of one well, DCB 13R, located outside the 488-4D Ash Landfill to allow for the removal of the ash for consolidation in the 488-1D Ash Basin. Replacement wells, as needed, will be discussed and agreed upon by the U. S. Department of Energy, U. S. Environmental Protection Agency, and South Carolina Department of Health and Environmental Control. The monitoring well will be abandoned in accordance with the SRS Procedures Manual 3Q1, Section 9000, "Hydrogeologic Data Collection Procedure and Specifications" and R.61-71, South Carolina Well Standards dated May 27, 2016.

Based on this review, approval is granted for the abandonment of the above mentioned monitoring well, DCB 13R. Should you have any questions or concerns, please contact me at (803) 898-0916.

Sincerely,

Heather H. Cathcart

Heather H. Cathcart
Federal Remediation Coordinator
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management

cc: Susan Fulmer, BLWM
Brian Hennessey, DOE
Rob Pope, EPA Region IV
Travis Fuss, Midlands, EQC Region – Aiken (via email)

S.C. Department of Health and Environmental Control

dhec
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ENVIRONMENTAL COMPLIANCE &
OCT 31 2016
AREA COMPLETION PROJECTS

October 26, 2016

Mr. Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance & Area Completion Projects
Savannah River Nuclear Solutions
Aiken, South Carolina 29808

Re: Savannah River Site (SRS)/FFA
D Area Operable Unit
SC1 890 008 989
Barnwell County

Request for the Approval of the Savannah River Site Hydrogeologic and Geotechnical Projects Program Plan for the D-Area Ash Project – 488-4D Replacement Well Installation (DCB077, DCB078, DCB079, and DCB080) (ER-HGCP-2016-00013), SRNS-J2000-2016-00617, dated October 17, 2016 and received October 18, 2016.

Dear Mr. Terry:

The above referenced request has been reviewed with regard to R.61-71 of the South Carolina Well Standards and Regulations. The request proposes the installation of four replacement monitoring wells (DCB077, DCB078, DCB079, and DCB080) at the 488-4D Landfill. Three wells will be installed downgradient and one well will be installed upgradient of the landfill. In addition to the attached requirements, the Department will expect the following:

1) These groundwater monitoring well shall not penetrate the Green Clay Confining Unit.

2) All well construction and sampling derived waste, including but not limited to, drill cuttings, drilling fluids, and development and purge water, be managed properly and in accordance will all applicable state and federal requirements. If containerized, each vessel shall be clearly labeled with regard to contents, source, and date activity.

3) Field equipment (including sampling probes) must be decontaminated by steam cleaning (or another appropriate method) before use and between sampling locations. Well screens and casing must be decontaminated before installation.

4) That notice be given to the author of the approval and the Midlands EQC Region – Aiken office, Scott Simons (803-642-1637), a minimum of forty-eight hours prior to initiation of drilling activities.

These monitoring wells shall be installed in accordance with the specifications of SRS Procedures Manual, 3Q1, Section 9000, "Hydrogeologic Data Collection Procedure and Specifications" and R.61-71, South Carolina Well Standards dated May 27, 2016.

Based on this review, approval is granted for the installation of the above mentioned groundwater monitoring wells at the D Area Operable Unit. If the date of construction extends seven to ten days past November 14, 2016, please notify the Department immediately. Should you have any questions, you may contact me at (803) 898-0916.

Sincerely,

Heather H. Cathcart

Heather H. Cathcart
Federal Remediation Technical Coordinator
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management

cc: Susan Fulmer, BLWM
Brian Hennessey, DOE-SR
Robert H. Pope, EPA Region IV
Diedre Lloyd, EPA Region IV
Roger Schweitzer, BLWM
Justin Koon, BLWM
Travis Fuss, Midlands EQC Region – Aiken (via email)

Healthy People. Healthy Communities.

Monitoring Well Approval

Date of Issuance: October 26, 2016 **Approval #:** MW-10871

Approval is hereby granted to: Mr. Benjamin C. Terry
Facility: Savannah River Site
SC1 890 008 989
Barnwell County

This approval is for the installation of four permanent groundwater monitoring wells. The monitoring wells are to be installed in the location illustrated on the figure and per the proposed construction details provided in the October 17, 2016 correspondence. The proposed state is date is November 14, 2016. The monitoring wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.

2. All wells shall be properly developed per R.61-71.H.2.d. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f.

3. All analytical data and water levels obtained from each monitoring well shall be submitted to the author of this approval within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.

4. All monitoring wells shall be labeled as required by R.61-71.H.2.c.

5. If any of the information provided to the Department changes, including the proposed drilling date, the author (803-898-0916) shall be notified at least 24 hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 27, 2016.

Heather H. Cathcart

Heather H. Cathcart, Federal Remediation Technical Coordinator
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management

S.C. Department of Health and Environmental Control

APPENDIX T2

SRNS Well Installation Records

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Savannah River
NUCLEAR SOLUTIONS℠
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SRNS-J2000-2017-00072
RSM Track Number: 10666

FEB - 9 2017

Ms. Susan B. Fulmer, P.G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Dear Ms. Fulmer:

SUBMITTAL OF THE MONITORING WELL INSTALLATION REPORTS AND WELL DEVELOPMENT FIELD PARAMETERS FOR THE D-AREA ASH PROJECT – 488-4D REPLACEMENT WELL INSTALLATION (DCB077, DCB078, DCB079 AND DCB080) (ER-HGPP-2016-00013) (SCDHEC MONITORING WELL APPROVAL #MW-10871)

Reference:
Letter, H. H. Cathcart (SCDHEC) to B. C. Terry (SRNS), *Re: Savannah River Site (SRS)/FFA D Area Operable Unit Request for the Approval of the Savannah River Site Hydrogeologic and Geotechnical Projects Program Plan for the D-Area Ash Project - 488-4D Replacement Well Installation (DCB077, DCB078, DCB079, and DCB080) (ER-HGPP-2016-00013), SRNS-J2000-2016-00617, dated October 17, 2016 and received October 18, 2016*, dated October 26, 2016 (SRNS-OS-2016-00089)

In your letter dated October 26, 2016 (Reference 1), the South Carolina Department of Health and Environmental Control approved the installation of four replacement monitoring wells (DCB077, DCB078, DCB079, and DCB080). Three monitoring wells were installed downgradient and one monitoring well was installed upgradient. The Monitoring Well Installation Reports and Well Development Field Parameters for these groundwater monitoring wells and a figure showing the location of the wells are enclosed for your files.

If you have any questions or comments regarding this submittal, please contact Shelia McFalls at (803) 952-6819 or via email at shelia.mcfalls@srs.gov.

Sincerely,

Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance & Area Completion Projects

slm:tab

Ms. Susan B. Fulmer
SRNS-J2000-2017-00072
Page 2
FEB - 9 2017

Enclosures:
1. Monitoring Well Installation Reports and Well Development Field Parameters for DCB077, DCB078, DCB079, and DCB080
2. Well Location Map for DCB077, DCB078, DCB079, and DCB080

ec w/encl:
R. H. Pope, EPA – Atlanta
D. Lloyd, EPA – Atlanta
H. H. Cathcart, SCDHEC - Columbia
H. M. Reed, SCDHEC – Aiken Environmental Affairs Office
J. E. Hiott, SCDHEC – Aiken Environmental Affairs Office

OSR 30-11 (10-6-2003)
Page 1 of 4

Monitoring Well Installation Report

Driller Name/Company	Driller Cert. No.	Tech Oversight Name/Company	Well No.
James Hall Jr./Cascade	B 1398	William Wimberly/NWI	DCB 077

Well Installation Date	SC DHEC Well Approval Number	Drilling Method (Auger Mud/Rotary, Rotosonic, etc)
12/15/2016	SRS-OS-2016-00089	Rotosonic

SRS North Grid Coordinate (as built)	SRS East Grid Coordinate (as built)	Latitude (deg/min/sec - as built)	Longitude (deg/min/sec - as built)
N64438.56	E195421.06	33° 12' 0.55"	-81° 44' 25.58"

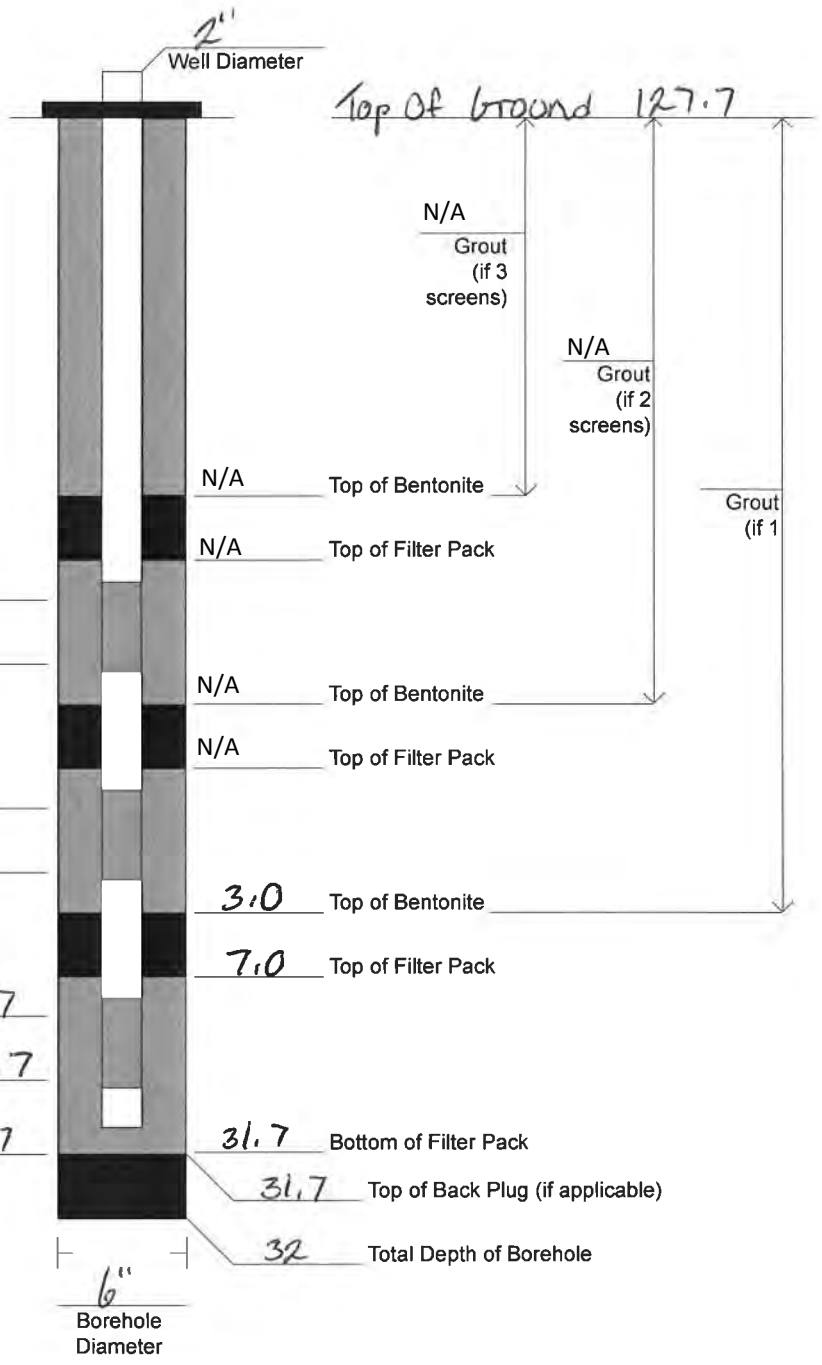
Top of Pad Elevation (as built)	Water Level Reference Point Elevation (as built)	Survey Point
127.8	130.64	☒ Top of Casing ☐ Top of Stand Pipe ☐ Ground Surface

Surface Casing (if installed) — Depths measured from ground surface to nearest 0.1 ft

Total Depth of Installed Casing: N/A

Casing Material/Diameter: N/A

Grout Quantity: N/A



Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: Upper Three Runs Aquifer Unit — Top of Screen: 9.7 — Bottom of Screen: 29.7

Total Depth of Well: 31.7

Monitoring Well Installation Report (Continued)

Well Number: DCB 077

Program Plan Name	Location Description	Site ID	Project Manager
S/C Install 4 Monitoring Wells	488-4D Ash Landfill	D-Area	Bob Aylward

Station Type (Monitoring Well, Piezometer, etc.): Monitoring Well

Drilling and Sampling

Drilling Start Date	Drilling Completion Date	Total Drilled Depth
12/15/2016	12/28/2016	32.0

Drilling Sampling Method	Top Depth	Bottom Depth	Diameter
Rotosonic	0	32.0	6"

Drilling and Sampling Comments (lost circulation zones, drilling problems, etc.)

Geophysical Logging

Date Logged	Logging Top Depth	Logging Bottom Depth	Logging Contractor	Logging Truck Operator

Geophysical Logs

☐ Caliper ☐ Natural Gamma ☐ Neutron Density ☐ Resistivity ☐ Single Pt. Resistivity ☐ L & S Normal Resistivity ☐ Spontaneous Potential

☐ Other (List) _____

Backfill Top Depth	Backfill Bottom Depth	Backfill Material (Include Type, Quantity)
N/A	N/A	N/A

Depths measured from ground surface to nearest 0.1 ft.

OSR 30-11 (Rev 10-6-2003)
Page 3 of 4

Monitoring Well Installation Report (Continued)

Well Number: DCB 077

	Top Depth	Bottom Depth	Material/Schedule	Diameter	Slot Size	Slot Type
Casing	+2.94	-9.7	PVC/40	2"	[redacted]	
Screen	-9.7	-29.7	PVC/40	2"	0.010	
Sump	-29.7	-31.7	PVC/40	2"	[redacted]	
Sump Cap						

Filter Pack	Top Depth	Bottom Depth	Amount (sacks and size)	Trade Name
	-7.0	-31.7	5 - 50lb bags	

Bentonite Seal	Top Depth	Bottom Depth	Amount/Size (sack, bucket, etc.)
	-3.0	-7.0	1 - 50lb bucket 3/8" pellets

Grout	Top Depth	Bottom Depth	Amount (sacks and size)	Grout Date	Grout Weight
	-0.5	-3.0	1 - 50lb bag	12/15/2016	Aquaguard
☐ Neat Cement					
☐ Bentonite Cement					
☒ High Solids Bentonite					

Well Installation Comments

Pump Installation Information ☒ Pump Not Installed

Installation Date	Installer/Company	Model/Manufacturer	Diameter
N/A	N/A	N/A	N/A

☐ Single Speed ☐ Variable Speed — Depth from Top of Casing to Top of Pump

Report Prepared By: Seth Dray — Date: 1/3/2017

Depths measured from ground surface to nearest 0.1 ft.

Well Development Data Field Parameters

Well Number: DCB 077

Well Developed By	Development Oversight	Development Method	Final Yield (gpm)
Cascade	William Wimberly	Submersible Pump	0.1

Date	Time	pH	Conductivity	Turbidity	Temperature	Comments (additives, problems, etc.)
12/20	1150	Start Pump				
	1200					Well Dry
	1215					Resume @ 0.1 gpm
	1615	Shut off pump				
12/21	0920	Start Pump				
	0940	Shut off pump				Very turbid, pull pump
12/27	1146	Start Pump				
	1220					Add water to remove fines
	1400					Turbidity <15 NTU
	1436	4.3	883	10.6	20.2	Final reading/sampled (~44 gal)

OSR 30-11 (10-6-2003)
Page 1 of 4

Monitoring Well Installation Report

Driller Name/Company	Driller Cert. No.	Tech Oversight Name/Company	Well No.
James Hall Jr./Cascade	B 13948	William Wimberly/NWI	DCB 078

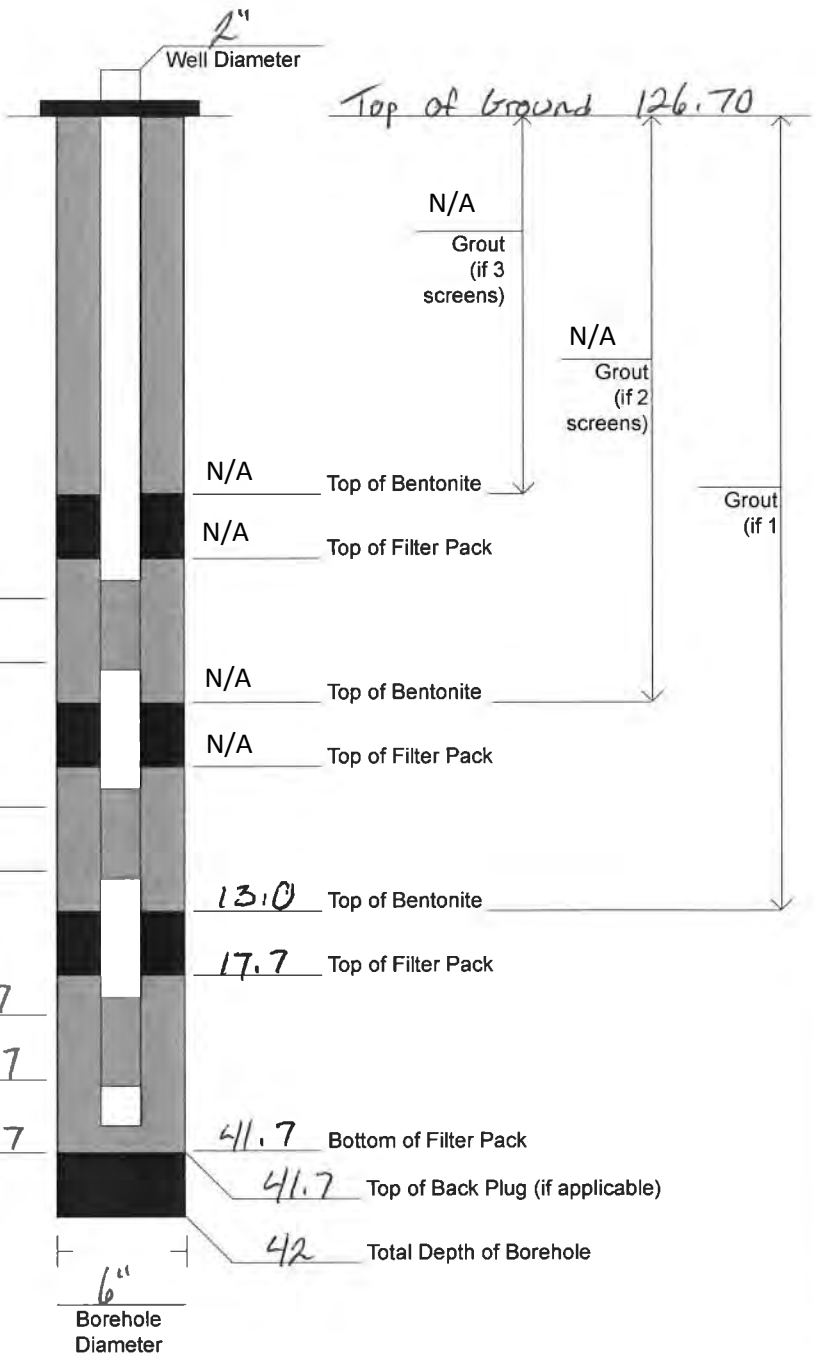
Well Installation Date	SC DHEC Well Approval Number	Drilling Method (Auger Mud Rotary, Rotosonic, etc)	
12/12/2016	SRNS-05-2016-00089	Rotosonic	
SRS North Grid Coordinate (as built)	**SRS East Grid Coordinate (as built)**	**Latitude (deg/min/sec - as built)**	**Longitude (deg/min/sec - as built)**
N63795.42	E18532.36	33° 11' 49.50"	-81° 44' 30.64"
Top of Pad Elevation (as built)	**Water Level Reference Point Elevation (as built)**	**Survey Point**	
126.74	126.56	☒ Top of Casing ☐ Top of Stand Pipe ☐ Ground Surface	

Surface Casing (if installed) — Depths measured from ground surface to nearest 0.1 ft

Total Depth of Installed Casing: N/A

Casing Material/Diameter: N/A

Grout Quantity: N/A



Screen Zone: N/A	Top of Screen	N/A
	Bottom of Screen	N/A
Screen Zone: N/A	Top of Screen	N/A
	Bottom of Screen	N/A
Screen Zone: Upper Three Runs Aquifer Unit	Top of Screen	19.7
	Bottom of Screen	39.7
	Total Depth of Well	41.7

Monitoring Well Installation Report (Continued)

Well Number
DCB 078

Program Plan Name	Location Description	Site ID	Project Manager
S/C Install 4 Monitoring Wells	488-4D Ash Landfill	D-Area	Bob Aylward

Station Type (Monitoring Well, Piezometer, etc.)
Monitoring Well

Drilling and Sampling

Drilling Start Date	Drilling Completion Date	Total Drilled Depth
12/12/2016	12/28/2016	42.0

Drilling Sampling Method	Top Depth	Bottom Depth	Diameter
Rotosonic	0	42.0	6"

Drilling and Sampling Comments (lost circulation zones, drilling problems, etc.)

Geophysical Logging

Date Logged	Logging Top Depth	Logging Bottom Depth	Logging Contractor	Logging Truck Operator

Geophysical Logs

☐ Caliper ☐ Natural Gamma ☐ Neutron Density ☐ Resistivity ☐ Single Pt. Resistivity ☐ L & S Normal Resistivity ☐ Spontaneous Potential

☐ Other (List) _____

Backfill Top Depth	Backfill Bottom Depth	Backfill Material (Include Type, Quantity)
N/A	N/A	N/A

Depths measured from ground surface to nearest 0.1 ft.

OSR 30-11 (Rev 10-6-2003)
Page 3 of 4

Monitoring Well Installation Report (Continued)

Well Number: DCB 078

	Top Depth	Bottom Depth	Material/Schedule	Diameter	Slot Size	Slot Type
Casing	-0.14	-19.7	PVC/40	2"	[redacted]	
Screen	-19.7	-39.7	PVC/40	2"		
Sump	-39.7	-41.7	PVC/40	2"	[redacted]	
Sump Cap						

Filter Pack	Top Depth	Bottom Depth	Amount (sacks and size)	Trade Name
	-17.7	-41.7	5 - 50lb bags	

Bentonite Seal	Top Depth	Bottom Depth	Amount/Size (sack, bucket, etc.)
	-13.0	-17.7	1.5 - 50lb bucket 3/8" pellets

Grout	Top Depth	Bottom Depth	Amount (sacks and size)	Grout Date	Grout Weight
	-0.5	-13.0	2.5 - 50lb bags	12/13/2016	Aqua-gard
☐ Neat Cement					
☐ Bentonite Cement					
☒ High Solids Bentonite					

Well Installation Comments: flush mount

Pump Installation Information ☒ Pump Not Installed

Installation Date	Installer/Company	Model/Manufacturer	Diameter
N/A	N/A	N/A	N/A

☐ Single Speed ☐ Variable Speed — Depth from Top of Casing to Top of Pump:

Report Prepared By: Seth Dray — Date: 1/3/2017

Depths measured from ground surface to nearest 0.1 ft.

OSR 30-11 (Rev 10-6-2003)
Page 4 of 4

Well Development Data Field Parameters

Well Number: DCB 078

Well Developed By	Development Oversight	Development Method	Final Yield (gpm)
Cascade	William Wimberly	submersible pump	2.0

Date	Time	pH	Conductivity	Turbidity	Temperature	Comments (additives, problems, etc.)
12/19	0855	start pump				
	1205	4.34	792	12	19.5	
	1245	4.32	788	12	19.4	
	1326	4.20	886	5.9	14.3	Final reading/sample (~ 542 gal)

OSR 30-11 (10-6-2003)
Page 1 of 4

Monitoring Well Installation Report

Driller Name/Company	Driller Cert. No.	Tech Oversight Name/Company	Well No.
James Hall Jr./Cascade	B 13998	William Wimberly/NWI	DCB 079

Well Installation Date	SC DHEC Well Approval Number	Drilling Method (Auger Mud Rotary, Rotosonic, etc)
12/13/2016	SRNS-OS-2016-00089	Rotosonic

SRS North Grid Coordinate (as built)	SRS East Grid Coordinate (as built)	Latitude (deg/min/sec - as built)	Longitude (deg/min/sec - as built)
N63795.72	E17944.89	33° 11' 46.05"	-81° 44' 36.20"

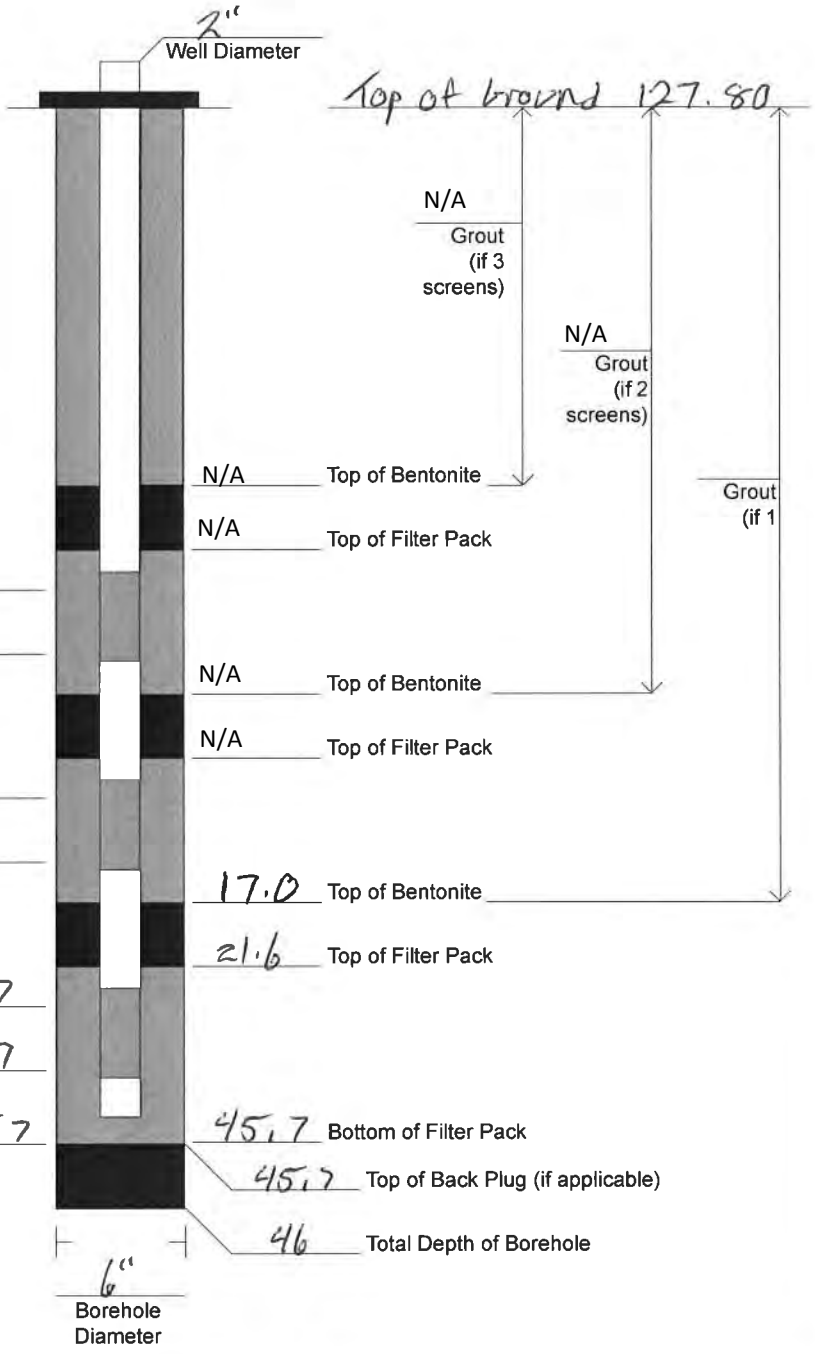
Top of Pad Elevation (as built)	Water Level Reference Point Elevation (as built)	Survey Point
127.93	127.65	☒ Top of Casing ☐ Top of Stand Pipe ☐ Ground Surface

Surface Casing (if installed) — Depths measured from ground surface to nearest 0.1 ft

Total Depth of Installed Casing: N/A

Casing Material/Diameter: N/A

Grout Quantity: N/A



Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: Upper Three Runs Aquifer Unit — Top of Screen: 23.7 — Bottom of Screen: 43.7

Total Depth of Well: 45.7

Monitoring Well Installation Report (Continued)

Well Number
DCB 079

Program Plan Name	Location Description	Site ID	Project Manager
S/C Install 4 Monitoring Wells	488-4D Ash Landfill	D-Area	Bob Aylward

Station Type (Monitoring Well, Piezometer, etc.)
Monitoring Well

Drilling and Sampling

Drilling Start Date	Drilling Completion Date	Total Drilled Depth
12/13/2016	12/28/2016	46.0

Drilling Sampling Method	Top Depth	Bottom Depth	Diameter
Rotosonic	0	46.0	6"

Drilling and Sampling Comments (lost circulation zones, drilling problems, etc.)

Geophysical Logging

Date Logged	Logging Top Depth	Logging Bottom Depth	Logging Contractor	Logging Truck Operator

Geophysical Logs

☐ Caliper ☐ Natural Gamma ☐ Neutron Density ☐ Resistivity ☐ Single Pt. Resistivity ☐ L & S Normal Resistivity ☐ Spontaneous Potential

☐ Other (List) _____

Backfill Top Depth	Backfill Bottom Depth	Backfill Material (Include Type, Quantity)
N/A	N/A	N/A

Depths measured from ground surface to nearest 0.1 ft.

Monitoring Well Installation Report (Continued)

Well Number: DCB 079

	Top Depth	Bottom Depth	Material/Schedule	Diameter	Slot Size	Slot Type
Casing	-0.15	-23.7	PVC/40	2"	[redacted]	
Screen	-23.7	-43.7	PVC/40	2"		
Sump	-43.7	-45.7	PVC/40	2"	[redacted]	
Sump Cap						

Filter Pack	Top Depth	Bottom Depth	Amount (sacks and size)	Trade Name
	-21.6	-45.7	4 - 50lb bags	

Bentonite Seal	Top Depth	Bottom Depth	Amount/Size (sack, bucket, etc.)
	-17.0	-21.6	1.5 - 50lb buckets 3/8" pellets

Grout	Top Depth	Bottom Depth	Amount (sacks and size)	Grout Date	Grout Weight
	-0.5	-17.0	3 - 50lb bags	12/14/2016	Aquaguard
☐ Neat Cement					
☐ Bentonite Cement					
☒ High Solids Bentonite					

Well Installation Comments

Flush mount

Pump Installation Information ☒ Pump Not Installed

Installation Date	Installer/Company	Model/Manufacturer	Diameter
N/A	N/A	N/A	N/A

☐ Single Speed ☐ Variable Speed

Depth from Top of Casing to Top of Pump: N/A

Report Prepared By: Seth Dray

Date: 1/3/2016

Depths measured from ground surface to nearest 0.1 ft.

OSR 30-11 (Rev 10-6-2003)
Page 4 of 4

Well Development Data Field Parameters

Well Number: DCB 079

Well Developed By	Development Oversight	Development Method	Final Yield (gpm)
Cascade	William Wimberly	Submersible pump	1.0

Date	Time	pH	Conductivity	Turbidity	Temperature	Comments (additives, problems, etc.)
12/21	1040	Start pump				
	1305	Shut off pump				
12/27	1000	Start pump				
	1050					Parameters stable
	1101	4.4	642	17.6	19.9	Final reading/sample (~206 gal)

OSR 30-11 (10-6-2003)
Page 1 of 4

Monitoring Well Installation Report

Driller Name/Company	Driller Cert. No.	Tech Oversight Name/Company	Well No.
James Hall Jr. / Cascade	B 1398	William Wimberly / NWI	DCB 080

Well Installation Date	SC DHEC Well Approval Number	Drilling Method (Auger Mud Rotary, Rotosonic, etc)
12/14/2016	SRNS-OS-2016-00089	Rotosonic

SRS North Grid Coordinate (as built)	SRS East Grid Coordinate (as built)	Latitude (deg/min/sec - as built)	Longitude (deg/min/sec - as built)
N 63859.63	E 17496.24	33° 11' 43.92"	-81° 44' 40.89"

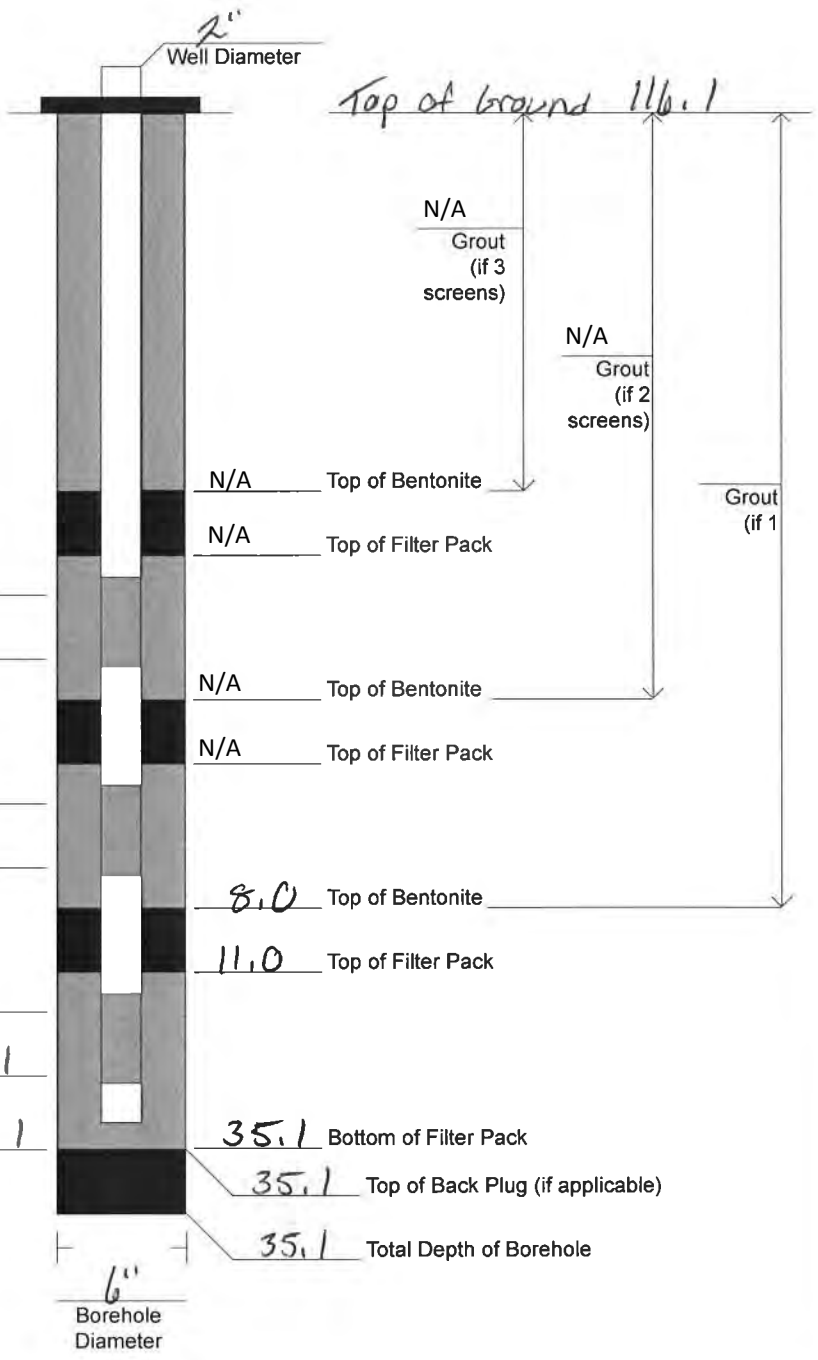
Top of Pad Elevation (as built)	Water Level Reference Point Elevation (as built)	Survey Point
116.27	119.03	☒ Top of Casing ☐ Top of Stand Pipe ☐ Ground Surface

Surface Casing (if installed) — Depths measured from ground surface to nearest 0.1 ft

Total Depth of Installed Casing: N/A

Casing Material/Diameter: N/A

Grout Quantity: N/A



Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: N/A — Top of Screen: N/A — Bottom of Screen: N/A

Screen Zone: Upper Three Runs Aquifer Unit — Top of Screen: 13.1 — Bottom of Screen: 33.1

Total Depth of Well: 35.1

Monitoring Well Installation Report (Continued)

Well Number
DCB 080

Program Plan Name	Location Description	Site ID	Project Manager
S/C Install 4 Monitoring Wells	488-4D Ash Landfill	D-Area	Bob Aylward

Station Type (Monitoring Well, Piezometer, etc.)
Monitering Well

Drilling and Sampling

Drilling Start Date	Drilling Completion Date	Total Drilled Depth
12/14/2016	12/28/2016	35.1

Drilling Sampling Method	Top Depth	Bottom Depth	Diameter
Rotosonic	0	35.1	6"

Drilling and Sampling Comments (lost circulation zones, drilling problems, etc.)

Geophysical Logging

Date Logged	Logging Top Depth	Logging Bottom Depth	Logging Contractor	Logging Truck Operator

Geophysical Logs

☐ Caliper ☐ Natural Gamma ☐ Neutron Density ☐ Resistivity ☐ Single Pt. Resistivity ☐ L & S Normal Resistivity ☐ Spontaneous Potential

☐ Other (List) _____

Backfill Top Depth	Backfill Bottom Depth	Backfill Material (Include Type, Quantity)
N/A	N/A	N/A

Depths measured from ground surface to nearest 0.1 ft.

Monitoring Well Installation Report (Continued)

Well Number: DCB 080

	Top Depth	Bottom Depth	Material/Schedule	Diameter	Slot Size	Slot Type
Casing	+2.93	-13.1	PVC/40	2"	[redacted]	
Screen	-13.1	-33.1	PVC/40	2"		
Sump	-33.1	-35.1	PVC/40	2"	[redacted]	
Sump Cap						

Filter Pack	Top Depth	Bottom Depth	Amount (sacks and size)	Trade Name
	-11.0	-35.1	4-50lb bags	

Bentonite Seal	Top Depth	Bottom Depth	Amount/Size (sack, bucket, etc.)
	-8.0	-11.0	1-50lb bucket 3/8" pellets

Grout	Top Depth	Bottom Depth	Amount (sacks and size)	Grout Date	Grout Weight
	-0.5	-8.0	1.5-50lb bag	12/14/2016	Aquaguard
☐ Neat Cement					
☐ Bentonite Cement					
☒ High Solids Bentonite					

Well Installation Comments

Pump Installation Information ☒ Pump Not Installed

Installation Date	Installer/Company	Model/Manufacturer	Diameter
N/A	N/A	N/A	N/A

☐ Single Speed ☐ Variable Speed

Depth from Top of Casing to Top of Pump: N/A

Report Prepared By: Seth Dray Date: 1/3/2017

Depths measured from ground surface to nearest 0.1 ft.

OSR 30-11 (Rev 10-6-2003)
Page 4 of 4

Well Development Data Field Parameters

Well Number: DCB 080

Well Developed By	Development Oversight	Development Method	Final Yield (gpm)
Cascade	William Wimberly	Submersible pump	2.10

Date	Time	pH	Conductivity	Turbidity	Temperature	Comments (additives, problems, etc.)
12/19	1435	Start pump				
	1630	Shut off pump				
12/20	1000	Start pump				
	1050					parameters stable
	1051	4.4	703	8.1	18.9	Final reading / sample (~330gal)



Legend

Well Location

Monitoring Well Locations
Savannah River National Laboratory
Savannah River Site
Aiken, South Carolina

NORTHWIND INCORPORATED

N
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0 175 350 525 700
Feet

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APPENDIX T3

SRNS Well Abandonment Records

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101597

Savannah River
NUCLEAR SOLUTIONS
FLUOR • NEWPORT NEWS NUCLEAR • HONEYWELL

October 7, 2014

SRNS-J2000-2014-00560
RSM Track Number: 10666

Ms. Susan B. Fulmer, P.G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Dear Ms. Fulmer:

SUBMITTAL OF THE WELL ABANDONMENT REPORTS FOR THE D-AREA ASH LANDFILL (488-4D) GROUNDWATER MONITORING WELLS DCB 16R, DCB 47C, DCB075, AND DCB076 (ER-HGPP-2014-00021)

Ref.: Letter, A. Thrash (SCDHEC) to B. C. Terry (SRNS), *RE: Savannah River Site (SRS)/FFA D-Area Ash Landfill (488-4D) SC1 890 008 989 Barnwell County Request for the Approval for the Abandonment of Groundwater Monitoring Wells in Support of the D-Area Ash Landfill (488-4D) Removal Action Activities (ER-HGPP-2014-00021), SRNS-J2000-2014-00357, dated July 23, 2014*), dated July 28, 2014 (SRNS-OS-2014-00053)

In their letter dated July 28, 2014, the South Carolina Department of Health and Environmental Control approved the abandonment of groundwater monitoring wells DCB 16R, DCB 47C, DCB075, and DCB076 in support of the removal action activities at the D-Area Ash Landfill (488-4D) (Reference 1). The Well Abandonment Reports for these wells are enclosed for your files.

If you have any questions or comments regarding this submittal, please contact Shelia McFalls at (803) 952-6819.

Sincerely,

Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance & Area Completion Projects

slm:cks

Enclosure:
Well Abandonment Reports for DCB 016R, DCB 047C, DCB075, and DCB076

Ms. Susan B. Fulmer
SRNS-J2000-2014-00560
Page 2
October 7, 2014

ec w/enclosure:
D. Lloyd, USEPA – Region 4
H. H. Cathcart, SCDHEC - Columbia
A. M. Thrash, SCDHEC – Columbia
J. Koon, SCDHEC – Columbia
R. Schweitzer, SCDHEC - Columbia
J. R. Hughes, SCDHEC – Midlands EQC Region – Aiken
S. L. Simons, SCDHEC – Midlands EQC Region – Aiken

Well Abandonment Report

Well Number: DCB 016R	
Project Name: DAsh Well abandonment	Project Manager: Ron Socha
Location Description: DAsh Ash Basin	
Driller Name/Company/Certification No.: Richard Mosley/Cascade/B1435	Oversight Name/Company: Bob Van Pelt/SRNS
Date Well Abandoned: 09/02/14	Reason for Abandonment: No longer Required
Total Abandoned Footage: 39 ft	Geophysical Logs (If applicable, list.): NA

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	09/02/14	Portland Cement	1/2 bag (~30 lbs) + water	
	09/02/14	Bentonite Chips	1/4 Bag (~12 lbs)	

Comments

Report Prepared By: Robert Van Pelt	Date: 9/29/14	Site Inspected By: Bob Van Pelt	Date: 9/29/14

Well Abandonment Report

Well Number: DCB 047C

Project Name: D Area Well abandonment	Project Manager: Ron Socha	Location Description: D Area Ash Basin
Driller Name/Company/Certification No.: Richard Mowery/Cascade/B1435	Oversight Name/Company: Bob VanPelt/SRNS	
Date Well Abandoned: 09/02/14	Reason for Abandonment: NO Longer Required	
Total Abandoned Footage: 42 ft	Geophysical Logs (If applicable, list.): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	09/02/14	Portland cement	1/2 bag (~30 lbs) + water	
	09/02/14	Bentonite Chips	1/4 Bag (~12 lbs)	

Comments

Bentonite Chips in screen followed by Grout to surface.

Report Prepared By	Date	Site Inspected By	Date
Robert VanPelt	9/29/14	Greg VanPelt	9/29/14

Well Abandonment Report

Well Number: DCB 075

Project Name: D Area Well Abandonment	Project Manager: Ron Socha	Location Description: D Area Ash Basin
Driller Name/Company/Certification No.: Richard Mooney/Cascade/ B1435	Oversight Name/Company: Bob VanPelt / SRNS	
Date Well Abandoned: 09/02/14	Reason for Abandonment: No longer Required	
Total Abandoned Footage: 40.5 ft	Geophysical Logs (If applicable, list.): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	09/02/14	Portland cement	1/2 bag (~30 lbs) + water	
	09/02/14	Bentonite chips	1/4 bag (~12 lbs)	

Comments

Bentonite chips in screen followed by Grout to surface.

Report Prepared By	Date	Site Inspected By	Date
Robert VanPelt	9/29/14	Bob VanPelt	9/29/14

Well Abandonment Report

Well Number: DCB 076

Project Name: D Area Well Abandonment	Project Manager: Ron Socha
Location Description: D Area Ash Basin	
Driller Name/Company/Certification No.: Richard Mooney/Cascade/B1435	Oversight Name/Company: Bob VanPelt/SRNS
Date Well Abandoned: 09/02/14	Reason for Abandonment: No longer Required
Total Abandoned Footage: 40.5 ft	Geophysical Logs (If applicable, list.): NA

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	09/02/14	Portland cement	1/2 bag (~30 lbs) + water	
	09/02/14	Bentonite chips	1/4 bag (~12 lbs)	

Comments

Bentonite chips in screen followed by Grout to surface.

Report Prepared By: Robert VanPelt	Date: 09/29/14	Site Inspected By: Bob VanPelt	Date: 9/29/14

Posted by Shelia Mcfalls Entered on 10/01/2014	Regulatory Integration & Environmental Services Document Status Approved	Routing Number RIES-2014-00111

Name	User ID	
Mcfalls Shelia L	O9144	
Department	Site Address	Phone No.
(SRNS) J2300 - Program Mgmt & Integration	730-4B Rm 3141	(803) 952-6819

Title:

SUBMITTAL OF THE WELL ABANDONMENT REPORTS FOR THE D-AREA ASH LANDFILL (488-4D) GROUNDWATER MONITORING WELLS DCB 16R, DCB 47C, DCB075, AND DCB076 (ER-HGPP-2014-00021)

Description:

SRNS-J2000-2014-00560

Due Date:

10/06/2014

Attachments:

SRNS-J2000-2014-00560.pdf

Comments:

Title		Name	Address	Phone
Reviewers		Robert Vanpelt/SRNS/Srs	730-4B Rm 3007	(803) 952-6523
Reviewers		Ron Socha/SRNS/Srs	730-4B Rm 3002	(803) 952-6511
Reviewers		Joseph Burch/SRNS/Srs	730-4B Rm 3018	(803) 952-6660
Reviewers		Catherine Lewis/SRNS/Srs	730-4B Rm 317	(803) 952-6677
Reviewers		Tony Long/SRNS/Srs	730-4B Rm 3003	(803) 952-5525

Reviewers		Jeffcj Ward/SRNS/Srs	730-4B Rm 314	(803) 952-6541
Reviewers		Thomas Kmetz/SRNS/Srs	730-4B Rm 329	(803) 952-6494
Reviewers		Benjamin Terry/SRNS/Srs	730-4B Rm 315	(803) 952-6937
Reviewers		Karen-M Adams/DOE/Srs	730-B Rm 3390	(803) 952-7871
Reviewers		Avery Hammett/DOE/Srs	730-B Rm 3396	(803) 952-7805
Reviewers				
Reviewers				

RIES Request: Approved on 10/06/2014

Approvers	Assigned	Notified	Received	Status Changed	Status
Robert Vanpelt	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/02/2014 08:04:04 AM	10/02/2014 08:04:08 AM	Approved
Ron Socha	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/02/2014 10:47:37 AM	10/06/2014 10:52:16 AM	Approved
Joseph Burch	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/02/2014 09:03:05 AM	10/06/2014 08:00:23 AM	Approved
Catherine Lewis	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/01/2014 04:55:55 PM	10/01/2014 04:56:39 PM	Approved
Tony Long	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/06/2014 11:42:29 AM	10/06/2014 11:42:35 AM	Approved
Jeffcj Ward	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/02/2014 06:13:02 PM	10/02/2014 06:13:35 PM	Approved
Thomas Kmetz	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/01/2014 05:09:58 PM	10/01/2014 05:10:02 PM	Approved
Benjamin Terry	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/03/2014 02:49:02 PM	10/03/2014 02:49:48 PM	Approved
Karen-M Adams	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/02/2014 07:27:22 AM	10/02/2014 08:25:51 AM	Approved
Avery Hammett	10/01/2014 04:47:32 PM	10/01/2014 04:47:32 PM	10/01/2014 04:52:46 PM	10/01/2014 04:54:47 PM	Approved

Administration

Approval Cycle Settings

Savannah River
NUCLEAR SOLUTIONS
FLUOR • NEWPORT NEWS NUCLEAR • HONEYWELL

SRNS-J2000-2016-00568
RSM Track Number: 10666

OCT 5 2016

Ms. Susan B. Fulmer, P.G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Dear Ms. Fulmer:

SUBMITTAL OF THE D-AREA ASH PROJECT (WELLS AROUND D-AREA ASH BASIN 488-1D) WELL ABANDONMENT REPORTS FOR MONITORING WELLS DA 4C, DB 5C, DA 7C, DB 10C, DA 11C, DA 12C, DB 13C, DA 14C, AND DB 15C (ER-HGPP-2015-00018) AND D-AREA ASH PROJECT (WELL EAST OF THE 488-4D ASH LANDFILL) WELL ABANDONMENT REPORT FOR MONITORING WELL DCB 13R (ER-HGPP-2016-00007)

References:

1. Letter, H. H. Cathcart (SCDHEC) to B. C. Terry (SRNS), *Re: Savannah River Site (SRS)/FFA D-Area Operable Unit SC1 890 008 989 Barnwell County Request for Approval for the Savannah River Site Hydrogeologic/Geotechnical Well Abandonment Program Plan for the D-Area Ash Project (Wells around D-Area Ash Basin 488-1D) (ER-HGPP-2015-00018) (Terry to Fulmer), SRNS-J2000-2015-00730, dated December 1, 2015*, dated December 3, 2015 (SRNS-OS-2015-00101)
2. Letter, H. H. Cathcart (SCDHEC) to B. C. Terry (SRNS), *Re: Savannah River Site (SRS)/FFA D-Area Operable Unit SC1 890 008 989 Barnwell County Request for the Savannah River Site Hydrogeologic/Geotechnical Well Abandonment Program Plan for the D-Area Ash Project (Well East of the 488-4D Ash Landfill) (ER-HGPP-2016-00007), SRNS-J2000-2016-00472, dated July 28, 2016 and received July 29, 2016*, dated August 4, 2016 (SRNS-OS-2016-00052)

In your letter dated December 3, 2015, the South Carolina Department of Health and Environmental Control (SCDHEC) conditionally approved the abandonment of ten monitoring wells/piezometers (i.e., DA 4C, DB 5C, DB 6C, DA 7C, DB 10C, DA 11C, DA 12C, DB 13C, DA 14C, and DB 15C) located in the D-Area Ash Basin (488-1D) south and west berms, as they are no longer required due to closure of the basin (Reference 1). All of these monitoring wells/piezometers, except DB 6C, were abandoned. DB 6C was not abandoned due to an oversight. DB 6C will be abandoned in Fiscal Year 2017 and the Well Abandonment Report will be submitted to you upon completion. In addition, in your letter dated August 4, 2016, the SCDHEC approved the abandonment of monitoring well DCB 13R, which is located outside the 488-4D Ash Landfill to allow for the removal of ash for consolidation in the 488-1D Ash Basin (Reference 2).

The Well Abandonment Reports for DA 4C, DB 5C, DA 7C, DB 10C, DA 11C, DA 12C, DB 13C, DA 14C, DB 15C, and DCB 13R are enclosed for your files.

Ms. Susan B. Fulmer
SRNS-J2000-2016-00568
Page 2

OCT 5 2016

If you have any questions or comments regarding this submittal, please contact Shelia McFalls at (803) 952-6819.

Sincerely,

Benjamin C. Terry, Manager
Environmental Permitting
Environmental Compliance & Area Completion Projects

slm:tab

Enclosures:
Well Abandonment Reports for DA 4C, DB 5C, DA 7C, DB 10C, DA 11C, DA 12C, DB 13C, DA 14C, DB 15C, and DCB 13R

ec w/encl:
R. H. Pope, EPA – Atlanta
D. Lloyd, EPA – Atlanta
H. H. Cathcart, SCDHEC - Columbia
H. M. Reed, SCDHEC – Midlands EQC Region – Aiken
S. L. Simons, SCDHEC – Midlands EQC Region – Aiken

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Well Number: DA 4C

Project Name: D Area Well Abandonments	Project Manager: Joe Santos	Location Description: near Ash Basins
Driller Name/Company/Certification No.: Richard Mooney / Cascade / IB1435	Oversight Name/Company: BOB Van Pelt / SRNS	
Date Well Abandoned: 9/8/16	Reason for Abandonment: NO Tonber Required	
Total Abandoned Footage: 44.7A	Geophysical Logs (If applicable, list): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad, remove posts
hole plug in screen, grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (If applicable)
Grout	9/8/16	Holeplug	1/2 bag	
	9/8/16	Portland Cement	10 gal	

Comments

Report Prepared By	Date	Site Inspected By	Date
R Van Pelt	9/8/16	[signature]	9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Well Number: DB 5C

Project Name: D Area Well Abandonments	Project Manager: Joe Santos	Location Description: Near D Ash basins
Driller Name/Company/Certification No.: Richard Mobley / Cascade B1435	Oversight Name/Company: Bob Van Pelt / SRNS	
Date Well Abandoned: 9/8/16	Reason for Abandonment: No longer required	
Total Abandoned Footage: 35 ft	Geophysical Logs (If applicable, list.): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

Cut casing flush to surface; remove posts
hole plug in screen; grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (If applicable)
Grout	9/8/16	hole plug	½ bag	
	9/8/16	Portland cement	8 gal	

Comments

Report Prepared By	Date	Site Inspected By	Date
Van Pelt	9/8/16	[illegible]	9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Well Number: DA 7C

Project Name: D Area Well abandonments	Project Manager: Joe Santos	Location Description: Near D Ash Basins
Driller Name/Company/Certification No.	Oversight Name/Company: BOB Van Pelt / SRNS	
Date Well Abandoned: 9/9/16	Reason for Abandonment: No longer required	
Total Abandoned Footage: 50.4 ft	Geophysical Logs (If applicable, list.): N A	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad
remove posts
hole plug in screen
Grout to surface.

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (If applicable)
Grout	9/9/16	hole plug	1/2 bag	
	9/9/16	Portland Cement	15 gal	

Comments

Report Prepared By	Date	Site Inspected By	Date
[signature]	9/14/16	[signature]	9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Project Name: Dtsea Well Abandonments	Project Manager: Joe Santos	Well Number: DB 10C
Driller Name/Company/Certification No.: Richard Mooney / Cascade / B1435	Oversight Name/Company: Bob VanAlt / SRNS	Location Description: near D Ash Basins
Date Well Abandoned: 9/8/16	Reason for Abandonment: no longer required	
Total Abandoned Footage: 25ft	Geophysical Logs (if applicable, list.): N/A	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut off casing and removed posts.
1/4 hole plug in screen
Grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	9/8/16	hole plug	1/4	
	9/8/16	Portland Cement	5 gal	

Comments

Report Prepared By: R Van Alt	Date: 9/12/16	Site Inspected By:	Date: 9-13-16

Well Abandonment Report

Well Number: DA 11c		
Project Name: D Area Well Abandonments	Project Manager: Joe Santos	Location Description: Near D Ash Basins
Driller Name/Company/Certification No.: Richard Mintz / Cascade / 61435	Oversight Name/Company: Bob Van Pelt / SRNS	
Date Well Abandoned: 9/9/16	Reason for Abandonment: NO longer Required	
Total Abandoned Footage: 50 ft	Geophysical Logs (If applicable, list.): N/A	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad
remove posts
hole plug in screen
Grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (If applicable)
Grout	9/9/16	hole plug	1/2 bag	
	9/9/16	portland cement	15 gal	

Comments

Report Prepared By: Bob Van Pelt	Date: 9/12/16	Site Inspected By:	Date: 9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Well Number: DA12C

Project Name: D Area Well abandonments	Project Manager: Joe Santos	Location Description: Near D Ash basins
Driller Name/Company/Certification No: Richard Money/Cascade/B1435	Oversight Name/Company: BOB VanPelt/SRNS	
Date Well Abandoned: 9/9/16	Reason for Abandonment: No Longer required	
Total Abandoned Footage: 50ft	Geophysical Logs (if applicable, list.): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

Cut casing flush to pad
remove posts
hole plug in screen
Grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	9/9/16	hole plug	1/2 bag	
	9/9/16	Portland Cement	15 gal	

Comments

Report Prepared By	Date	Site Inspected By	Date
VanPelt	9/9/16		9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Project Name: D Area Well Abandonments	Project Manager: Joe Santos	Well Number: DB 13C Location Description:
Driller Name/Company/Certification No.: Richard Morley/Cascade/WB1435	Oversight Name/Company: Bob Van Pelt/SRNS	
Date Well Abandoned: 9/8/16	Reason for Abandonment: No Longer Required	
Total Abandoned Footage: 30 ft	Geophysical Logs (If applicable, list.): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad
remove posts
1/3 bag plug in screen
grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (If applicable)
Grout	9/8/16	hole plug	1/3 bag	
	9/8/16	portland cement	5 gal	

Comments

Report Prepared By: Bob Van Pelt	Date: 9/12/16	Site Inspected By: Bill Lee	Date: 9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Project Name: Three Well abandonments	Project Manager: Joe Santos	Well Number: DA 14c
Driller Name/Company/Certification No.: Richard Moseley / Cascade / WA1435	Oversight Name/Company: Bob Van Pelt / SRNS	Location Description: Near Ash Basins
Date Well Abandoned: 9/9/16	Reason for Abandonment: No water required	
Total Abandoned Footage: 30 ft	Geophysical Logs (if applicable, list.): NA	

Abandonment Method

☒ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad
remove posts
hole plug in screen
Grout to surface

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	9/9/16	hole plug	1/2 bag	
	9/9/16	Portland cement	12 gal	

Comments

Report Prepared By	Date	Site Inspected By	Date
H Van Pelt	9/12/16	B Gephart	9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Well Number: DB 15C		
Project Name: D Area Well Abandonments	Project Manager: Joe Santos	Location Description: Near D Ash Basins
Driller Name/Company/Certification No.: Richard Mooney / Cascade / B1435	Oversight Name/Company: Bob Van Pelt / SRNS	
Date Well Abandoned: 9/8/16	Reason for Abandonment: no longer Required	
Total Abandoned Footage: 25 ft	Geophysical Logs (If applicable, list.): NA	

Abandonment Method

☒ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut casing flush to pad; remove posts
hole plug in screen; grout to surface.

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	9/8/16	Hole plug	1/3 bag	
	9/8/16	Portland cement	5 gal	

Comments

Report Prepared By: R Van Pelt	Date: 9/8/16	Site Inspected By: Bill Lee	Date: 9-13-16

OSR 30-29 (Rev 2-9-2004)

Well Abandonment Report

Project Name: D-Area Well Abandonments	Project Manager: Joe Scentis	Well Number: DCB 13R
Driller Name/Company/Certification No: Richard Mooney/Cascade/B1435	Oversight Name/Company: BOB Van Pelt/SRNS	Location Description: Near D-Ash Basins
Date Well Abandoned: 9/8/16	Reason for Abandonment: No longer required	
Total Abandoned Footage:	Geophysical Logs (if applicable, list): NA	

Abandonment Method

☑ Pumping/Pouring Grout ☐ Pressure Grout ☐ Perforate Casing/Grout ☐ Over Ream ☐ Drill Out

Other Method (Describe)

cut outer casing flush to pad
cut/removed bollards

	Date	Grout Type	Quantity (bags, yds, etc.)	Weight (if applicable)
Grout	9/8/16	hole plug	1/4 bag	
	9/8/16	Portland cement	5 gallons	

Comments

Report Prepared By: BVan Pelt	Date: 9/12/16	Site Inspected By: Bill Lee	Date: 9-13-16

APPENDIX U

DATA USABILITY REPORT FOR CONFIRMATION SAMPLING AT THE 488-2D ASH BASIN

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APPENDIX U

Data Usability Report (DUR) for Confirmation Sampling at the 488-2D Ash Basin (U)

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I. CONFIRMATION SAMPLES

1.0 PROJECT SUMMARY

This report presents analytical data verification, validation and usability assessment results for the soil confirmation sampling that was conducted in accordance with the *Field Sampling Plan for the 488-2D Ash Basin* (FSP) (SRNS 2015a) and presented in the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin* (SRNS 2016). The project generated 18 regular field samples (REG), 1 field duplicate sample (FD) and 1 split sample (SPL). A single rinsate blank (RB) was also collected. The samples, along with the requested analyses, are listed in Table 1.

Table 1. Sample Identification (ID) Summary

Station ID	Sample ID	Sample Type	Sample Date	Sample Time	Matrix	Interval *(ft)*	Analysis Requested
4882DAB-01	DAAB4882D-002	REG	9/02/15	0940	Soil	0-1	1, 2, 3, 4, 5
4882DAB-02	DAAB4882D-003	REG	9/02/15	0950	Soil	0-1	1, 2, 3, 4, 5
4882DAB-03	DAAB4882D-004	REG	7/13/15	1000	Soil	0-1	1, 2, 3, 4, 5
4882DAB-03	DAAB4882D-001	RB	7/13/15	1010	Water	-	1, 2, 3, 4, 5
4882DAB-04	DAAB4882D-005	REG	9/02/15	1000	Soil	0-1	1, 2, 3, 4, 5
4882DAB-05	DAAB4882D-006	FD	7/23/15	0845	Soil	0-1	1, 2, 3, 4, 5
4882DAB-05	DAAB4882D-007	REG	7/23/15	0845	Soil	0-1	1, 2, 3, 4, 5
4882DAB-05	DAAB4882D-008	SPL	7/23/15	0845	Soil	0-1	1, 2, 3, 4, 5
4882DAB-06	DAAB4882D-009	REG	7/23/15	0825	Soil	0-1	1, 2, 3, 4, 5
4882DAB-07	DAAB4882D-010	REG	7/23/15	0815	Soil	0-1	1, 2, 3, 4, 5
4882DAB-08	DAAB4882D-011	REG	7/23/15	0800	Soil	0-1	1, 2, 3, 4, 5
4882DAB-09	DAAB4882D-012	REG	7/23/15	0835	Soil	0-1	1, 2, 3, 4, 5
4882DAB-10	DAAB4882D-013	REG	9/02/15	1025	Soil	0-1	1, 2, 3, 4, 5
4882DAB-11	DAAB4882D-014	REG	7/13/15	0940	Soil	0-1	1, 2, 3, 4, 5
4882DAB-12	DAAB4882D-015	REG	7/13/15	0920	Soil	0-1	1, 2, 3, 4, 5
4882DAB-13	DAAB4882D-016	REG	7/13/15	0840	Soil	0-1	1, 2, 3, 4, 5
4882DAB-14	DAAB4882D-017	REG	7/13/15	0830	Soil	0-1	1, 2, 3, 4, 5
4882DAB-15	DAAB4882D-018	REG	7/13/15	0910	Soil	0-1	1, 2, 3, 4, 5
4882DAB-16	DAAB4882D-019	REG	9/02/15	1010	Soil	0-1	1, 2, 3, 4, 5
4882DAB-17	DAAB4882D-020	REG	9/02/15	1015	Soil	0-1	1, 2, 3, 4, 5
4882DAB-20	DAAB4882D-023	REG	7/23/15	0745	Soil	0-1	1, 2, 3, 4, 5

Analyses Requested:
1. Chromium, Hexavalent
2. Mercury, Total Recovery
3. Uranium, Alpha Spectroscopy
4. Gamma Spectroscopy
5. ICP-MS Metals

A total of 651 analytical records were produced consisting of regular sample records and field quality control (QC) records (Table 2).

Table 2. Total Number of Records

Number of Records	Chemical	Radiochemical	Totals
Analytical	431	126	558
Field QC	72	21	93
Totals	503	147	651

The verification process was conducted to review completeness of the sampling and analytical requirements. Validation has been performed to assess compliance with methods, procedures, and contracts, and to assess a comparison with measurement performance criteria in the ER-SOP-033, *Analytical Data Qualification* (SRNS 2015b). A usability assessment will provide the data user with an assessment of whether the process execution and resulting data meet project quality objectives in the Quality Assurance Project Plan (QAPP) (SRNS 2012) and the *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site* (SAP) (SRNS 2014). These processes involve examination of the FSP (SRNS 2015a) and SAP (SRNS 2014), electronic data files, the field data, analytical data, and laboratory records. Computer programs are used to verify that samples were properly preserved and were analyzed within the required holding time, that QC results were within specified acceptable ranges, and that the appropriate detection limits were employed by the laboratories. Additionally, manual reviews of field data and laboratory records are conducted to ensure the quality of these items. Validation summaries for holding time, preservation, calibration, analyte identification, and analyte quantitation can be found in subsections 3.1, *Holding Times*; 3.2, *Preservation*; and 3.3, *Calibration, Identification, and Quantitation.*

The data were validated to determine if the records conform to the technical criteria associated with definitive data per ER-SOP-033 (SRNS 2015b). Table 3 provides a brief validation summary for the project. Review qualifiers are assigned by a data validator internal to Savannah River Nuclear Solutions and external to the analytical laboratory. Environmental records include regular sample and field duplicate records.

Table 3. Environmental Record Review Qualifier Summary

	Detects		Non-detects		Rejected	
Method Code	**# NULL Qualifiers**	**# J Qualifiers**	**# U Qualifiers**	**# UJ Qualifiers**	**# R Qualifiers**	**Total**
A-01-RMOD	2	0	1	0	0	3
RADA-011	36	10	11	0	0	57
GA-01-RMOD	3	1	0	0	0	4
RADA-013	71	5	0	0	0	76
EPA6010C	3	10	24	2	0	39
EPA6020A	276	105	18	2	0	401
EPA7471B	19	1	0	0	0	20
EPA7196A	10	6	4	0	0	20
Total	**420**	**138**	**58**	**4**	**0**	**620**
% of Total	**67%**	**23%**	**9%**	**1%**	**0%**	**100%**

2.0 ASSESSMENT OF PRECISION, ACCURACY, REPRESENTATIVENESS, COMPARABILITY, and COMPLETENESS DATA QUALITY INDICATORS (DQIs) AND MEASUREMENT PERFORMANCE CRITERIA

This section discusses the analytical data in terms of the following indicators of data quality: precision, accuracy, representativeness, comparability, and completeness. Precision is determined from the field and laboratory duplicate analyses and indicates the consistency of field and laboratory techniques. Accuracy is determined from the laboratory control samples (LCS), matrix spikes (MS), and the results of the method, field, trip, and rinsate blanks; it indicates the ability of the laboratory to generate correct results. Representativeness measures how well the data represents the sample population. Comparability expresses the confidence with which data from different laboratories are considered to be equivalent. Representative completeness measures the amount of data resulting from the data collection activity.

2.1 Precision

Precision is the degree to which a set of observations or measurements of the same property, obtained under similar conditions, conform to themselves. Field duplicates measure the repeatability of the sampling and analytical techniques, and laboratory duplicates measure the ability of the laboratory to reproduce a result. Low precision can be caused by poor instrument performance, poor operator technique, inconsistent application of method protocols, laboratory environment, time between analyses, or by a difficult, heterogeneous sample matrix. Precision is especially important when the action limit approaches the quantification limit. At least 5% of the samples were collected in duplicate for this project. The laboratory performs duplicate analyses on at least 5% of the samples received.

Precision is expressed in terms of the relative percent differences (RPD) as follows:

$$\text{RPD} = \frac{|x - y|}{\left(\frac{x + y}{2}\right)} \times 100$$

where x is the original sample result and y is the duplicate sample result. When one result of a duplicate pair is below the MDL, the sample specific estimated quantification limit (ssEQL) is used for that result in the calculation. When both results are below the MDL, the RPD is not calculated.

The RPD should be less than 20% for water samples and less than 35% for solid samples when results are greater than the ssEQL. In the case where results are between the ssEQL and the MDL, the RPD should be less than 100% for water samples and less than 200% for soil samples. In the event analytical precision goals are not met, a determination of the usability of that information is made through the environmental data assessment process.

No records were rejected due to precision issues. Details for this project can be found in subsections 3.6, *Laboratory Duplicate RPD*; and 3.7, *Field Duplicate RPD*.

2.2 Accuracy

Accuracy is defined as the closeness of agreement between an observed value and an accepted reference value. Accuracy is especially important when the concentration of concern approaches the detection limit and/or the action limit. When the concentration is underestimated near the detection limit, the analyte may be present but reported as not detected. When the concentration is underestimated near the action limit, the analyte may be at a concentration that would require remediation, but the remediation would not be performed. When the concentration is overestimated near the detection limit, the analyte may not be present but reported as detected. When the concentration is overestimated near the action limit, the analyte may not be at a concentration that would require remediation, but the remediation would be performed. The sample types used to evaluate accuracy are performance evaluation studies, LCSs, surrogate spikes, MSs, method blanks, trip blanks, and rinsate blanks

LCSs monitor the performance of all steps in the analytical process, including sample preparation, and are used to identify problems with the analytical procedure. LCSs are deionized water that is spiked with the target analyte, digested, and analyzed with the regular samples. The LCS spiking solution is obtained from the Environmental Protection Agency, third-party supplier, or is prepared in the laboratory using chemical from a different source than the calibration standards.

The LCS percent recovery is calculated as follows:

$$\%\ \text{Recovery} = \frac{\text{Blank spike concentration}}{\text{Spike concentration}} \times 100$$

One hundred percent recovery is equivalent to 100% accuracy. Values less than 100% or greater than 100% may indicate a sample matrix effect and a false reading. A periodic program of sample spiking is required (e.g., one MS and one MS duplicate per 20 samples). In the event that analytical accuracy goals are not met, a determination is made through the environmental data assessment process relative to the usability of that information.

Details for this project can be found in subsections 3.5, *Method Blanks*; 3.8, *Matrix Spike Recovery*; 3.9, *LCS Recovery*; and 3.10, *Surrogate/Tracer Recovery*.

2.3 Representativeness

Representativeness is a measure of the degree to which data accurately and precisely represent a characteristic of a population, a parameter variation at a sampling point, a process condition, or an environmental condition. The representativeness of samples collected is controlled by adhering to the detailed descriptions of sampling procedures. The objective of this assessment is to accurately represent the concentrations of target analytes or compounds. Representative samples for this investigation will be required by implementing approved sampling and analytical procedures that will generate data representative of the sampling point location and will be maintained. Analytical methods are selected that will most accurately represent the true concentration of the parameter of interest. The accumulation of QC procedures and information

(i.e., RPD values, blank QC concentrations, MS percent recoveries, etc.) employed for a given analysis combine to exhibit the representativeness of the data generated.

The goal for representative sample data will therefore be met by properly documenting field and analytical protocols. In the event these procedures and methods are not able to be implemented, the appropriate corrective action documentation should encompass the impact on the representativeness of the information. When review of the data and documentation determines the data to be non-representative, the information is qualified in its use or is not used by the project.

All samples were collected and analyzed per established procedures.

2.4 Comparability

Comparability is the degree to which different methods, data sets, and decisions agree or can be represented as similar. The comparability of the data from the laboratories is based on the results of the split samples and on confirmation that the laboratories used the same standardized procedures for sample analysis, the same reporting unit, and obtained similar quantitation limits. Comparability of the data produced for this investigation may be obtained by implementing the identified protocols for sampling and analysis of samples. Implementation of traceable reference materials such as laboratory standards, expression of results in standard concentration units, and successful participation by the laboratories in external performance evaluation programs will enable the information produced through this investigation to be compared with future data sets, if required. For at least 5% of the sample locations, a split sample is collected and sent to the designated QC laboratory.

One split soil sample from one location was collected for this project in accordance with the approved FSP (SRNS 2015a). Details for the split sample can be found in subsection *3.11, Split Samples Comparability.*

2.5 Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared with the amount that was expected to be obtained under correct, normal circumstances. The Quality Assurance (QA) completeness objective for Resource Conservation and Recovery Act Facility Investigation/Remedial Investigation projects is to obtain valid field and laboratory analytical results for at least 90% of the samples collected during the project. This implies that completeness of sample collection (i.e., the number of samples collected compared to the number of samples planned) must be virtually 100% to allow for some loss of data during the laboratory analytical process. Accountability of samples collected, from field to final disposal, must be 100%.

Completeness is a measure of the amount of data obtained from a measurement process that achieves the project goals as compared to the amount of data planned to be obtained by the project. Completeness is affected by unexpected conditions during the data collection process that reduce the usable data achieved relative to the data planned.

When review of the data and documentation determines the data to be incomplete, the impact relative to the project objective will be assessed and documented.

The following are measures of completeness:

Sample Collection:

$$\text{Completeness} = \frac{\text{Number of Sample Points Sampled}}{\text{Number of Sample Points Planned}} \times 100$$

Field Measurement:

$$\text{Completeness} = \frac{\text{Number of Valid Measurements Made}}{\text{Number of Measurements Planned}} \times 100$$

Laboratory Analysis:

$$\text{Completeness} = \frac{\text{Number of Valid Data Points}}{\text{Number of Data Points Planned}} \times 100$$

The completeness numbers for this project are listed below:

Sample Collection Completeness	100%
Field Measurement Completeness	100%
Laboratory Analysis Completeness	100%

3.0 VALIDATION FINDINGS

3.1 Holding Times

All holding times for the reported analyses were within the recommended limits. No qualification was required.

Table 4. Holding Time (HT) Review Qualifier Summary

Method Code	Total # of Records	# of Records Qualified for HT	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	60	0	Not Required
GA-01-RMOD	4	0	Not Required
RADA-013	80	0	Not Required
EPA6010C	39	0	Not Required
EPA6020A	423	0	Not Required
EPA7470A	1	0	Not Required
EPA7471B	20	0	Not Required
EPA7196A	21	0	Not Required

3.2 Preservation

All chemical and physical preservation for the reported analyses were properly applied. No qualification was required.

Table 5. Preservation Review Qualifier Summary

Method Code	Total # of Records	# of Records Qualified for Preservation	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	60	0	Not Required
GA-01-RMOD	4	0	Not Required
RADA-013	80	0	Not Required
EPA6010C	39	0	Not Required
EPA6020A	423	0	Not Required
EPA7470A	1	0	Not Required
EPA7471B	20	0	Not Required
EPA7196A	21	0	Not Required

3.3 Calibration, Identification, and Quantitation

All calibration, identification and quantitation criteria for the reported analyses were within the recommended limits. No qualification was required.

Table 6. Calibration (CAL), Identification (ID), and Quantitation Review Summary

Method Code	Total # of Records	# of Records Qualified for CAL, ID and Quantitation	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	60	0	Not Required
GA-01-RMOD	4	0	Not Required
RADA-013	80	0	Not Required
EPA6010C	39	0	Not Required
EPA6020A	423	0	Not Required
EPA7470A	1	0	Not Required
EPA7471B	20	0	Not Required
EPA7196A	21	0	Not Required

3.4 Trip Blanks, Rinsate Blanks and Field Blanks

All rinsate blank criteria for the reported analyses were within the recommended limits. No qualification was required.

Table 7. Rinsate Blank (RB) Review Qualifier Summary

Method Code	Total # of RB Records	# of RB Records Qualified	Associated Samples Qualified
RADA-011	3	0	Not Required
RADA-013	4	0	Not Required
EPA6020A	22	0	Not Required
EPA7470A	1	0	Not Required
EPA7196A	1	0	Not Required

3.5 Method Blanks

EPA6010C, ICP Metals

One record was qualified as estimated (J-qualified) due to the detection of antimony in the method blank (V-qualified). Record qualified as J/V.

Four records were qualified as non-detect (U-qualified) due to the detection of antimony in the method blank, U/V.

EPA6020A, ICP-MS Metals

One record was qualified as non-detect due to the detection of antimony in the method blank, U/V.

Eleven records were qualified as estimated due to the detection of zinc in the method blank, J/V.

EPA7196A, Chromium, Hexavalent

Two records were qualified as non-detect due to the detection of hexavalent chromium in the method blank, U/V.

Three records were qualified as estimated due to the detection of hexavalent chromium in the method blank, J/V.

RADA-011, Alpha Spectroscopy

Two records were qualified as estimated due to the detection of uranium-233/234 in the method blank, J/V.

Ten records were qualified as non-detect due to the detection of uranium-235 in the method blank, U/V.

Two records were qualified as estimated due to the detection of uranium-235 in the method blank, J/V.

Table 8. Method Blank (MB) Review Qualifier Summary

Method Code	Total # of MB Records	# of MB Records Qualified	Associated Samples Qualified
A-01-RMOD	3	0	
RADA-011	57	12	DAAB4882D-004, DAAB4882D-006, DAAB4882D-007, DAAB4882D-009, DAAB4882D-010, DAAB4882D-012, DAAB4882D-014, DAAB4882D-015, DAAB4882D-016, DAAB4882D-017, DAAB4882D-018, DAAB4882D-023
GA-01-RMOD	4	0	
RADA-013	80	0	
EPA6010C	39	5	DAAB4882D-002, DAAB4882D-003, DAAB4882D-005, DAAB4882D-013, DAAB4882D-019
EPA6020A	423	12	DAAB4882D-004, DAAB4882D-005, DAAB4882D-008, DAAB4882D-0010, DAAB4882D-011, DAAB4882D-012, DAAB4882D-013, DAAB4882D-014, DAAB4882D-015, DAAB4882D-018, DAAB4882D-019, DAAB4882D-020
EPA7470A	1	0	
EPA7471B	20	0	
EPA7196A	21	5	DAAB4882D-006, DAAB4882D-007, DAAB4882D-011, DAAB4882D-012, DAAB4882D-023

3.6 Laboratory Duplicate RPD

All laboratory duplicate criteria for the reported analyses for the reported analyses were within the recommended limits. No qualification was required.

Table 9. Laboratory Duplicate Qualifier Summary

Method Code	Total # of Records	# of Lab Duplicate Records Qualified	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	9	0	Not Required
GA-01-RMOD	7	0	Not Required
RADA-013	18	0	Not Required
EPA7196A	5	0	Not Required

3.7 Field Duplicate RPD

All field duplicate criteria for the reported analyses for the reported analyses were within the recommended limits. No qualification was required.

Table 10. Field Duplicate Qualifier Summary

Method Code	Total # of Records	# of Duplicate Records Qualified	Associated Samples Qualified
RADA-011	3	0	Not Required
RADA-013	4	0	Not Required
EPA6010C	2	0	Not Required
EPA6020A	20	0	Not Required
EPA7471B	1	0	Not Required
EPA7196A	1	0	Not Required

3.8 Matrix Spike Recovery

Table 11. Matrix Spike (MS) Recovery Qualifier Summary

Method Code	Total # of MS/MSD Records	# of MS/MSD Records Qualified	Associated Samples Qualified
EPA6010C	15	2	DAAB4882D-006, DAAB4882D-007
EPA6020A	74	26	DAAB4882D-006, DAAB4882D-007, DAAB4882D-008, DAAB4882D-013, DAAB4882D-018
EPA7471B	8	0	Not Required
EPA7196A	12	0	Not Required

EPA6010C, ICP Metals

Two antimony records were qualified as approximate because the MS/Matrix Spike Duplicate (MSD) recovery was outside the established control limits, UJ/11.

EPA6020A, ICP-MS Metals

Two boron records were qualified as approximate because the MS/MSD recovery was outside the established control limits, UJ/11.

One boron record was qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Three chromium records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Two copper records were qualified as because the MS/MSD recovery was outside the established control limits, J/11.

Two lead records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Four magnesium records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Four molybdenum records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

One strontium record was qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Three selenium records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

Three zinc records were qualified as estimated because the MS/MSD recovery was outside the established control limits, J/11.

3.9 LCS Recovery

Table 12. LCS Qualifier Summary

Method Code	Total # of LCS Records	# of LCS Records Qualified	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	60	0	Not Required
GA-01-RMOD	4	0	Not Required
RADA-013	80	0	Not Required
EPA6010C	39	0	Not Required
EPA6020A	423	1	DAAB4882D-008
EPA7470A	1	0	Not Required
EPA7471B	20	0	Not Required
EPA7196A	21	0	Not Required

One antimony record was qualified as non-detect due to LCS criteria not being met, U/2.

3.10 Surrogate/Tracer Recovery

All tracer and surrogate recovery criteria for the reported analyses for the reported analyses were within the recommended limits. No qualification was required.

Table 13. Surrogate/Tracer Recovery Qualifier Summary

Method Code	Total # of LCS Records	# of LCS Records Qualified	Associated Samples Qualified
A-01-RMOD	3	0	Not Required
RADA-011	60	0	Not Required
GA-01-RMOD	4	0	Not Required
RADA-013	80	0	Not Required

3.11 Split Samples Comparability

Split soil samples were taken from one location and were analyzed by the same methodologies and two different laboratories (General Engineering Labs and Test America Labs).

Table 14. Split Samples

Station ID	Sample ID	Interval *(ft)*	Date/Time	Sample Type	Matrix	Labs
4882DAB-05	DAAB4882D-007	0-1	7/23/15 0845	REG	SOIL	GEL
4882DAB-05	DAAB4882D-008	0-1	7/23/15 0845	SPL	SOIL	TAL

Thallium was detected at 260 µg/kg at the General Engineering Lab and 790 µg/kg at the Test America Lab, however both results were detected above each of the Labs' method detection limits but below each Lab's sample quantitation limits and both thallium results were qualified, J/21.

4.0 DATA USABILITY

All analytical data associated with this project should be considered usable for the purposes outlined in the *Field Sampling Plan for the 488-2D Ash Basin* (SRNS 2015a) and the *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin* (SRNS 2016). There are no limitations noted for the data associated with this project. Qualification details are found in Section 3.0, Validation Findings.

5.0 REFERENCES

SRNS, 2012. *Area Completion Projects Programmatic Quality Assurance Project Plan for Environmental Data Collection and Management*, ERD-AG-2005-00001, Revision 5, Savannah River Nuclear Solutions, Savannah River Site, Aiken SC

SRNS, 2014. *Confirmation Sampling and Analysis Plan for Coal and/or Ash Removal at the Savannah River Site (U),* Revision 1.1, SRNS-RP-2013-00332, Savannah River Nuclear Solutions, Savannah River Site, Aiken SC

SRNS, 2015a. *Field Sampling Plan for the 488-2D Ash Basin (U),* Revision 1, SRNS-RP-2014-00442, Savannah River Nuclear Solutions, LLS, Savannah River Site, Aiken SC

SRNS, 2015b. *Analytical Data Qualification*, ER-SOP-033, Revision 6, Environmental Compliance and Area Completion Projects (EC&ACP) Geochemical Monitoring Procedures Manual C-3, Volume 10, Savannah River Nuclear Solutions, Savannah River Site, Aiken SC

SRNS, 2016. *Human Health and Ecological Evaluation for Confirmation Sampling at the 488-2D Ash Basin (U),* Revision 1, ERD-EN-2015-0053, Savannah River Nuclear Solutions, LLS, Savannah River Site, Aiken SC

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II. HEXAVALENT CHROMIUM STUDY SAMPLES

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Report of Hexavalent Chromium in Soils

Project: DAAB 488-2D-CR6
Samples Collected: August 31, 2015
Report Date: October 30, 2015

Prepared for:
Allison Walker
North Wind, Inc. - Greenville
535 N. Pleasantburg Drive, Suite 136
Greenville SC 29607

Brooks Rand Labs
Project ID: N15I011

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Brooks Applied Labs

Report Prepared for:

North Wind, Inc. - Greenville
ATTN: Allison Walker
535 N. Pleasantburg Drive, Suite 136
Greenville SC 29607

October 30, 2015

1. Sample Reception

Eleven (11) soil samples were submitted for hexavalent chromium and total chromium analyses. The samples were received in acceptable condition on September 2, 2015 in a sealed container at 5.0°C.

All samples were received in a laminar flow clean hood void of trace metals contamination and ultra-violet radiation. Upon reception, all samples were designated discrete sample identifiers. All samples were then stored in a secure, monitored refrigerator (maintained at a temperature of ≤6°C) until preparation and analysis could be performed.

2. Sample Preparation

All sample preparation is performed in laminar flow clean hoods known to be free from trace metals contamination. All applied water for dilutions and sample preservatives are monitored for contamination to account for any biases associated with the sample results.

Hexavalent Chromium Quantitation by EPA 7199 Mod. All samples were extracted using EPA Method 3060A. In summary, a known mass of each sample was weighed into a polypropylene centrifuge tube and $MgCl_2$, a phosphate buffer solution, and a buffered alkaline extraction solution were added to each vial. All vials were then heated, with continuous stirring, at 90-95°C in a hotblock apparatus for a minimum of one (1) hour. The resulting extracts were cooled, filtered (0.45µm), and injected directly into sealed autosampler vials prior to analysis for hexavalent chromium.

Hexavalent Chromium Quantitation by EPA Method 6800 All samples were extracted using a modified EPA Method 3060A. In summary, a known mass of each was added to a polyethylene centrifuge tube which contains $MgCl_2$. Each sample was then amended with a known amount of isotopically enriched trivalent and hexavalent chromium (^{50}Cr and ^{53}Cr, respectively) in accordance with the projected native concentrations. An alkaline extraction solution and a phosphate buffer solution were applied to each sample. All vials were then heated, with continuous stirring, at 90-95°C in a hotblock apparatus for a minimum of one (1) hour. The

resulting extracts were cooled, filtered (0.45µm), and injected directly into sealed autosampler vials prior to analysis for hexavalent chromium.

Total Chromium Quantitation A known mass of each sample was weighed into a polypropylene vial. All samples were then digested with aliquots of concentrated HNO_3 and H_2O_2 in a hot block apparatus, in accordance with EPA Method 3050B. The resulting digests were analyzed for total chromium.

Total Solids Determination A known mass of each sample was placed into a pre-weighed pan, and the combined mass of the sample and pan was recorded. All samples were then placed into a convection oven maintained at a temperature of 110°C. After drying for a minimum of sixteen (16) hours, all samples were briefly cooled and reweighed. The total solids percentage of each sample was calculated by dividing the weight of the dried sample by the weight of the original sample.

3. Sample Analysis

All sample analysis is preceded by a minimum of a five-point calibration curve spanning the entire concentration range of interest. All calibration curves, associated with each species of interest, are standardized by linear regression resulting in a response factor. All sample results are **instrument blank corrected** to account for any operational biases associated with the analytical platform. All sample results for hexavalent chromium and total chromium have also been **dry weight corrected** in accordance with the measured total solids concentrations.

Prior to sample analysis, all calibration curves are verified using second source standards which are identified as initial calibration verification standards (ICV).

Ongoing instrument performance is identified by the analysis of continuing calibration verification standards (CCV) and continuing calibration blanks (CCB) at a minimum interval of every ten analytical runs.

Hexavalent Chromium Quantitation by EPA 7199 Mod. All sample extracts for hexavalent chromium quantitation were analyzed via a modified version of EPA Method 7199, employing ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry (IC-ICP-DRC-MS). Aliquots of each sample are injected onto an anion exchange column and mobilized by an alkaline (pH > 7) gradient. The eluting chromium species are then introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through a pressurized chamber (DRC) containing a specific reactive gas which preferentially reacts with interfering ions of the same target mass to charge (m/z) ratios. A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system.

The retention time for hexavalent chromium is compared to known standards for species identification.

Hexavalent Chromium Quantitation by EPA Method 6800 All samples for hexavalent chromium quantitation were analyzed by EPA Method 6800 (speciated isotope dilution mass spectrometry, or SIDMS), employing ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry (IC-ICP-DRC-MS). Aliquots of each sample are injected onto an anion exchange column and mobilized by an alkaline (pH > 7) gradient. The eluting chromium species are then introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through a pressurized chamber (DRC) containing a specific reactive gas which preferentially reacts with interfering ions of the same target mass to charge ratios (m/z). A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system. Mass-to-charge ratios of 50, 52, and 53 are monitored during the analysis and the ratios are applied for quantitation purposes, as detailed in EPA Method 6800. Samples are analyzed in triplicate with the average being reported for each sample.

The retention times for trivalent and hexavalent chromium are compared to known standards for species identification.

Total Chromium Quantitation All sample digests for total chromium quantitation were analyzed via a modified EPA Method 200.8, employing inductively coupled plasma triple quadrupole mass spectrometry (ICP-QQQ-MS). Aliquots of each sample digest are introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through an initial quadrupole (Q1), which filters the target masses prior to their entrance into a second chamber. The second chamber contains specific reactive gasses or collision gasses that preferentially react either with interfering ions of the same target mass to charge ratios (m/z) or with the target analyte, producing an entirely different mass to charge ratio (m/z) which can then be differentiated from the initial interferences. The ions then exit the collision/reaction chamber into the mass analyzer (Q2). A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system.

4. Analytical Issues and Discussion

No significant issues were encountered with the requested analyses. All quality control parameters associated with these samples were within acceptance limits with the following exceptions:

For Batch NC00138, the third replicate of NC00138-BLK2 (identified as NC00138-BLK2 AT) was misinjected by the instrument. Since the remaining two replicates associated with this blank were properly injected, no corrective action was taken. The result for NC00138-BLK2 has been calculated as the average of the first two injections.

For Batch NC00149, spurious chromium peaks were observed in the chromatograms associated with several of the method blanks. These peaks did not directly overlap the integration windows for the target chromium species in any of the samples, except that of the first replicate associated with NC00149-BLK4. Since the remaining two replicates associated with this blank were properly injected, no corrective action was taken. The result for NC00149-BLK4 has been calculated as the average of the last two injections.

The RPD associated with the duplicate performed on sample N15I011-11 was above the control limit of 25% for Batch NC00138 (NC00138-DUP1, RPD of 34%). A triplicate set (including NC00138-DUP1 and NC00138-DUP2) was performed on this sample, and the associated RSD was within control at 18%. Visual inspection of sample N15I011-11 indicated that the matrix was heterogeneous in nature. The elevated duplicate RPD therefore reflects the sample heterogeneity and does not impact the validity of the reported results.

An important aspect of using isotopic ratios for quantitation purposes via EPA 6800 is ensuring that the measured signal for the target chromium isotopes is significantly above that associated with the background of the method. When the measured signal for a target isotope for a given chromium species is near that of the background, greater variability in the measured isotope ratio and therefore the final calculated sample result will occur. Each SIDMS result with a measured signal to background ratio of less than three for any hexavalent chromium isotope have been flagged (J-1) to indicate the greater variability associated with these results.

The SIDMS results obtained for sample 4882DAB-31 and its associated triplicate set (NC00149-DUP1 and NC00149-DUP2) were significantly below that of the method blanks for this batch (NC00149). These results have been flagged (X-1) in the attached report to indicate that they should be considered non-detects, but have been presented in an uncensored form for quality control evaluation purposes.

It should be noted that the RPDs associated with the matrix spike duplicates have been updated in this revised report. Although all MS/MSD RPDs are still within established control limits, the MS/MSD RPDs presented in the initial report were incorrectly calculated using the results (in mg/kg) obtained for the MS and MSD instead of the percent recoveries obtained for these spikes.

It should be noted that the method detection limit (MDL) for hexavalent chromium by EPA 7199 Mod has been calculated as three times the standard deviation of replicate analyses of the lowest standard in the calibration curve. The MDL for total chromium has been calculated as three times the standard deviation of the method blanks prepared and analyzed concurrently with the submitted samples.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. BAL, an accredited laboratory, certifies that the reported results of all analyses for which BAL is NELAP accredited meet all NELAP requirements. For more details, please see the Report

Information page in your report. Please feel free to contact me if you have any questions regarding this report.

Sincerely,

Ben Wozniak

Ben Wozniak
Project Manager
ben@brooksapplied.com

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Report Information

Laboratory Accreditation

BAL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BAL is also certified by many other states to perform environmental analyses. For a current list of our accreditations /certifications, please visit our website at <http://www.brooksapplied.com/resources/certificates-permits/>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

BLK	method blank	**MS**	matrix spike
BAL	Brooks Applied Labs	**MSD**	matrix spike duplicate
BS	laboratory fortified blank	**ND**	non-detect
CAL	calibration standard	**NR**	non-reportable
CCB	continuing calibration blank	**N/C**	not calculated
CCV	continuing calibration verification	**PS**	post preparation spike
COC	chain of custody record	**REC**	percent recovery
D	dissolved fraction	**RPD**	relative percent difference
DUP	duplicate	**RSD**	relative standard deviation
IBL	instrument blank	**SCV**	secondary calibration verification
ICV	initial calibration verification	**SOP**	standard operating procedure
MDL	method detection limit	**SRM**	standard reference material
MRL	method reporting limit	**T**	total recoverable fraction

Definition of Data Qualifiers

(Effective 9/23/09)

J	Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate.
E	An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H	Holding time and/or preservation requirements not met. Result is estimated.
J-1	Greater variability is associated with this result. A full explanation is presented in the narrative.
J-M	Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated.
J-N	Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated.
M	Duplicate precision (RPD) was not within acceptance criteria. Result is estimated.
N	Spike recovery was not within acceptance criteria. Result is estimated.
R	Rejected, unusable value. A full explanation is presented in the narrative.
U	Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X-1	Result should be considered a non-detect (ND). A full explanation is presented in the narrative.

These qualifiers are based on those previously utilized by Brooks Applied Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BAL.

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Information

Sample	Lab ID	Report Matrix	Type	Sampled	Received
4882DAB-21	N15I011-01	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-22	N15I011-02	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-23	N15I011-03	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-24	N15I011-04	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-25	N15I011-05	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-27	N15I011-06	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-28	N15I011-07	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-29	N15I011-08	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-30	N15I011-09	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-31	N15I011-10	Soil/Sediment	Sample	08/31/2015	09/02/2015
4882DAB-26	N15I011-11	Soil/Sediment	Sample	08/31/2015	09/02/2015

Batch Summary

Analyte	Lab Matrix	Method	Prepared	Analyzed	Batch	Sequence
%TS	Soil/Sediment	SM 2540G	09/09/2015	09/15/2015	NC00055	N/A
Cr	Soil/Sediment	EPA 200.8	09/14/2015	09/15/2015	NC00088	S150030
Cr(VI)	Soil/Sediment	IC-ICP-MS	09/09/2015	09/10/2015	NC00054	S150016
Cr(VI)	Soil/Sediment	EPA 6800 Mod	09/23/2015	09/24/2015	NC00138	N/A
Cr(VI)	Soil/Sediment	EPA 6800 Mod	09/28/2015	09/29/2015	NC00149	N/A

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
4882DAB-21										
N15I011-01	%TS	Soil/Sediment	NA	89.87		0.30	1.00	%	NC00055	N/A
N15I011-01	Cr	Soil/Sediment	dry	11.3		0.025	0.107	mg/kg	NC00088	S150030
N15I011-01	Cr(VI)	Soil/Sediment	dry	0.208		0.012	0.023	mg/kg	NC00054	S150016
N15I011-01	Cr(VI)	Soil/Sediment	dry	0.686				mg/kg	NC00138	N/A
4882DAB-22										
N15I011-02	%TS	Soil/Sediment	NA	86.45		0.30	1.00	%	NC00055	N/A
N15I011-02	Cr	Soil/Sediment	dry	14.4		0.027	0.115	mg/kg	NC00088	S150030
N15I011-02	Cr(VI)	Soil/Sediment	dry	0.379		0.012	0.023	mg/kg	NC00054	S150016
N15I011-02	Cr(VI)	Soil/Sediment	dry	1.85				mg/kg	NC00138	N/A
4882DAB-23										
N15I011-03	%TS	Soil/Sediment	NA	91.10		0.30	1.00	%	NC00055	N/A
N15I011-03	Cr	Soil/Sediment	dry	3.39		0.024	0.102	mg/kg	NC00088	S150030
N15I011-03	Cr(VI)	Soil/Sediment	dry	0.162		0.011	0.021	mg/kg	NC00054	S150016
N15I011-03	Cr(VI)	Soil/Sediment	dry	0.482				mg/kg	NC00138	N/A
4882DAB-24										
N15I011-04	%TS	Soil/Sediment	NA	79.43		0.30	1.00	%	NC00055	N/A
N15I011-04	Cr	Soil/Sediment	dry	13.3		0.029	0.123	mg/kg	NC00088	S150030
N15I011-04	Cr(VI)	Soil/Sediment	dry	0.077		0.013	0.026	mg/kg	NC00054	S150016
N15I011-04	Cr(VI)	Soil/Sediment	dry	0.239				mg/kg	NC00138	N/A
4882DAB-25										
N15I011-05	%TS	Soil/Sediment	NA	87.36		0.30	1.00	%	NC00055	N/A
N15I011-05	Cr	Soil/Sediment	dry	3.23		0.027	0.114	mg/kg	NC00088	S150030
N15I011-05	Cr(VI)	Soil/Sediment	dry	0.117		0.012	0.024	mg/kg	NC00054	S150016
N15I011-05	Cr(VI)	Soil/Sediment	dry	0.172				mg/kg	NC00138	N/A
4882DAB-26										
N15I011-11	%TS	Soil/Sediment	NA	91.25		0.30	1.00	%	NC00055	N/A
N15I011-11	Cr	Soil/Sediment	dry	4.84		0.025	0.107	mg/kg	NC00088	S150030
N15I011-11	Cr(VI)	Soil/Sediment	dry	0.254		0.011	0.021	mg/kg	NC00054	S150016
N15I011-11	Cr(VI)	Soil/Sediment	dry	0.430				mg/kg	NC00138	N/A

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
4882DAB-27										
N15I011-06	%TS	Soil/Sediment	NA	87.44		0.30	1.00	%	NC00055	N/A
N15I011-06	Cr	Soil/Sediment	dry	11.0		0.026	0.113	mg/kg	NC00088	S150030
N15I011-06	Cr(VI)	Soil/Sediment	dry	0.815		0.012	0.024	mg/kg	NC00054	S150016
N15I011-06	Cr(VI)	Soil/Sediment	dry	1.03				mg/kg	NC00138	N/A
4882DAB-28										
N15I011-07	%TS	Soil/Sediment	NA	87.26		0.30	1.00	%	NC00055	N/A
N15I011-07	Cr	Soil/Sediment	dry	9.34		0.027	0.114	mg/kg	NC00088	S150030
N15I011-07	Cr(VI)	Soil/Sediment	dry	0.791		0.011	0.022	mg/kg	NC00054	S150016
N15I011-07	Cr(VI)	Soil/Sediment	dry	1.06				mg/kg	NC00138	N/A
4882DAB-29										
N15I011-08	%TS	Soil/Sediment	NA	90.41		0.30	1.00	%	NC00055	N/A
N15I011-08	Cr	Soil/Sediment	dry	15.9		0.026	0.110	mg/kg	NC00088	S150030
N15I011-08	Cr(VI)	Soil/Sediment	dry	0.193		0.012	0.022	mg/kg	NC00054	S150016
N15I011-08	Cr(VI)	Soil/Sediment	dry	0.603				mg/kg	NC00138	N/A
4882DAB-30										
N15I011-09	%TS	Soil/Sediment	NA	80.08		0.30	1.00	%	NC00055	N/A
N15I011-09	Cr	Soil/Sediment	dry	17.8		0.029	0.123	mg/kg	NC00088	S150030
N15I011-09	Cr(VI)	Soil/Sediment	dry	0.037		0.013	0.025	mg/kg	NC00054	S150016
N15I011-09	Cr(VI)	Soil/Sediment	dry	0.071	J-1			mg/kg	NC00149	N/A
4882DAB-31										
N15I011-10	%TS	Soil/Sediment	NA	87.43		0.30	1.00	%	NC00055	N/A
N15I011-10	Cr	Soil/Sediment	dry	3.58		0.026	0.109	mg/kg	NC00088	S150030
N15I011-10	Cr(VI)	Soil/Sediment	dry	0.015	J	0.012	0.023	mg/kg	NC00054	S150016
N15I011-10	Cr(VI)	Soil/Sediment	dry	0.002	X-1			mg/kg	NC00149	N/A

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: NC00054
Lab Matrix: Soil/Sediment
Method: IC-ICP-MS

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
NC00054-BS1	**Laboratory Fortified Blank, Cr(III) (NC00077)**						
	Cr(VI)		20.04	ND	mg/kg	NR 0-1%	N/C
NC00054-BS2	**Laboratory Fortified Blank, Cr(VI) (NC00016)**						
	Cr(VI)		20.00	23.26	mg/kg	116% 80-120	
NC00054-SRM1	**Blank Spike-PbCrO4**						
	Cr(VI)		720.8	702.1	mg/kg	97% 75-125	
NC00054-SRM2	**Reference-Nist2701**						
	Cr(VI)		551.2	533.9	mg/kg	97% 75-125	
NC00054-DUP1	**Duplicate, (N15I011-11)**						
	Cr(VI)	0.254		0.249	mg/kg		2% 25
NC00054-MS1	**Matrix Spike, Cr(III) (N15I011-11)**						
	Cr(VI)	0.254	21.37	0.565	mg/kg	1% 0-15%	
NC00054-MS2	**Matrix Spike, Cr(VI) (N15I011-11)**						
	Cr(VI)	0.254	21.02	18.54	mg/kg	87% 75-125	
NC00054-MS3	**Matrix Spike, PbCrO4 (N15I011-11)**						
	Cr(VI)	0.254	647.9	582.1	mg/kg	90% 75-125	
NC00054-MSD1	**Matrix Spike Duplicate, Cr(III) (N15I011-11)**						
	Cr(VI)	0.254	21.50	0.223	mg/kg	-0.1% 0-15%	N/A N/A
NC00054-MSD2	**Matrix Spike Duplicate, Cr(VI) (N15I011-11)**						
	Cr(VI)	0.254	21.22	21.15	mg/kg	98% 75-125	12% 25
NC00054-MSD3	**Matrix Spike Dup-PbCrO4**						
	Cr(VI)	0.254	659.5	600.3	mg/kg	91% 75-125	1% 25

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: NC00055
Lab Matrix: Soil/Sediment
Method: SM 2540G

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
NC00055-DUP1	**Duplicate, (N15I011-11)**						
	%TS	91.25		91.09	%		0.2% 15

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: NC00088
Lab Matrix: Soil/Sediment
Method: EPA 200.8

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
NC00088-BS1	**Laboratory Fortified Blank, (NC00389)**						
	Cr		40.00	42.29	mg/kg	106% 75-125	
NC00088-SRM1	**Certified Reference Material, (NC00378, CRM052-50G Loamy Clay 1 - 3050B)**						
	Cr		334.0	357.1	mg/kg	107% 75-125	
NC00088-DUP1	**Duplicate, (N15I011-11)**						
	Cr	4.841		5.352	mg/kg		10% 25
NC00088-MS1	**Matrix Spike, (N15I011-11)**						
	Cr	4.841	42.79	51.95	mg/kg	110% 75-125	
NC00088-MSD1	**Matrix Spike Duplicate, (N15I011-11)**						
	Cr	4.841	42.52	50.10	mg/kg	106% 75-125	3% 25

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: NC00138
Lab Matrix: Soil/Sediment
Method: EPA 6800 Mod

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
NC00138-SRM1	**Certified Reference Material, (NC00366, NIST 2701)**						
	Cr(VI)		551.2	563.7	mg/kg	102% 75-125	
NC00138-DUP1	**Duplicate, (N15I011-11)**						
	Cr(VI)	0.430		0.306	mg/kg		*34%* 25
NC00138-DUP2	**Duplicate, (N15I011-11)**						
	Cr(VI)	0.430		0.339	mg/kg		24% 25

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: NC00149
Lab Matrix: Soil/Sediment
Method: EPA 6800 Mod

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
NC00149-SRM1	**Certified Reference Material, (NC00366, NIST 2701)**						
	Cr(VI)		551.2	512.3	mg/kg	93% 75-125	
NC00149-DUP1	**Duplicate, (N15I011-10)**						
	Cr(VI)	0.002	X-1	0.002	mg/kg		4% 25
NC00149-DUP2	**Duplicate, (N15I011-10)**						
	Cr(VI)	0.002	X-1	0.001	mg/kg		11% 25

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: NC00054
Matrix: Soil/Sediment
Method: IC-ICP-MS
Analyte: Cr(VI)

Sample	Result	Units
NC00054-BLK1	0.010	mg/kg wet
NC00054-BLK2	0.009	mg/kg wet
NC00054-BLK3	0.009	mg/kg wet
NC00054-BLK4	0.009	mg/kg wet

Average: 0.009
Limit: 0.020

MDL: 0.010
MRL: 0.020

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: NC00055
Matrix: Soil/Sediment
Method: SM 2540G
Analyte: %TS

Sample	Result	Units
NC00055-BLK1	0.20	%

Average: 0.20
Limit: 1.00

MDL: 0.30
MRL: 1.00

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: NC00088
Matrix: Soil/Sediment
Method: EPA 200.8
Analyte: Cr

Sample	Result	Units
NC00088-BLK1	0.003	mg/kg wet
NC00088-BLK2	0.010	mg/kg wet
NC00088-BLK3	0.017	mg/kg wet
NC00088-BLK4	-0.0002	mg/kg wet

Average: 0.007 **Standard Deviation:** 0.008 **MDL:** 0.024
Limit: 0.053 **Limit:** 0.016 **MRL:** 0.100

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: NC00138
Matrix: Soil/Sediment
Method: EPA 6800 Mod
Analyte: Cr(VI)

Sample	Result		Units
NC00138-BLK1	0.019	J-1	mg/kg wet
NC00138-BLK2	0.018	J-1	mg/kg wet
NC00138-BLK3	0.017	J-1	mg/kg wet
NC00138-BLK4	0.031	J-1	mg/kg wet

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: NC00149
Matrix: Soil/Sediment
Method: EPA 6800 Mod
Analyte: Cr(VI)

Sample	Result		Units
NC00149-BLK1	0.019	J-1	mg/kg wet
NC00149-BLK2	0.016	J-1	mg/kg wet
NC00149-BLK3	0.017	J-1	mg/kg wet
NC00149-BLK4	0.015	J-1	mg/kg wet

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Instrument Calibration

Sequence: S150016
Instrument: ICPMS4
Date: 09/10/2015
Analyte: Cr(VI)

Total Chromium and Chromium Speciation
Method: IC-ICP-MS

Lab ID	True Value	Result	Units	REC & Limits	
S150016-ICB1		0.00007	µg/L		
S150016-ICB2		0.0002	µg/L		
S150016-ICB3		-0.0001	µg/L		
S150016-ICB4		-0.0001	µg/L		
S150016-CAL1	0.01000	0.009	µg/L	93%	
S150016-CAL2	0.01000	0.010	µg/L	102%	
S150016-CAL3	0.01000	0.010	µg/L	98%	
S150016-CAL4	0.01000	0.013	µg/L	131%	
S150016-CAL5	0.05000	0.049	µg/L	99%	
S150016-CAL6	0.1000	0.100	µg/L	100%	
S150016-CAL7	0.5000	0.507	µg/L	101%	
S150016-CAL8	1.000	1.001	µg/L	100%	
S150016-CAL9	5.000	5.043	µg/L	101%	
S150016-CALA	10.00	9.976	µg/L	100%	
S150016-IBL1		0.0005	µg/L		
S150016-ICV1	0.000	0.0002	µg/L	N/A	N/A
S150016-ICV2	2.002	1.963	µg/L	98%	80-120
S150016-ICB5		0.0002	µg/L		
S150016-CCV1	1.000	0.997	µg/L	100%	75-125
S150016-CCB1		0.0007	µg/L		
S150016-CCV2	1.000	1.006	µg/L	101%	75-125
S150016-CCB2		0.0001	µg/L		
S150016-CCV3	1.000	1.008	µg/L	101%	75-125
S150016-CCB3		0.0005	µg/L		
S150016-CCV4	1.000	0.954	µg/L	95%	75-125
S150016-CCB4		0.0004	µg/L		
S150016-CCV5	1.000	0.977	µg/L	98%	75-125
S150016-CCB5		0.0004	µg/L		

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Instrument Calibration

Sequence: S150030
Instrument: ICPMS8
Date: 09/15/2015
Analyte: Cr 52 [HEHe]

Trace Metals by ICP-MS
Method: EPA 200.8

Lab ID	True Value	Result	Units	REC & Limits	
S150030-ICB1		0.000	µg/L		
S150030-CAL1	0.04000	0.037	µg/L	93%	
S150030-CAL2	0.1000	0.100	µg/L	100%	
S150030-CAL3	0.4000	0.340	µg/L	85%	
S150030-CAL4	1.000	0.938	µg/L	94%	
S150030-CAL5	4.000	4.022	µg/L	101%	
S150030-CAL7	40.00	40.11	µg/L	100%	
S150030-CAL8	100.0	99.96	µg/L	100%	
S150030-ICB2		0.0001	µg/L		
S150030-ICV3	10.00	9.985	µg/L	100%	85-115
S150030-ICB3		0.006	µg/L		
S150030-SCV1	3.810	4.034	µg/L	106%	85-115
S150030-IBL1		-0.002	µg/L		
S150030-IBL2		0.018	µg/L		
S150030-IBL3		0.007	µg/L		
S150030-IBL4		0.003	µg/L		
S150030-CCV1	10.00	10.20	µg/L	102%	75-125
S150030-CCB1		-0.002	µg/L		
S150030-CCV2	10.00	9.894	µg/L	99%	75-125
S150030-CCB2		0.003	µg/L		
S150030-CCV3	10.00	10.04	µg/L	100%	75-125
S150030-CCB3		0.008	µg/L		
S150030-CCV4	10.00	9.981	µg/L	100%	75-125
S150030-CCB4		0.004	µg/L		
S150030-CCV5	10.00	9.937	µg/L	99%	75-125
S150030-CCB5		-0.003	µg/L		
S150030-CCV6	10.00	10.27	µg/L	103%	75-125
S150030-CCB6		0.0009	µg/L		

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Containers

Lab ID: N15I011-01
Sample: 4882DAB-21
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-02
Sample: 4882DAB-22
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-03
Sample: 4882DAB-23
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-04
Sample: 4882DAB-24
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-05
Sample: 4882DAB-25
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-06
Sample: 4882DAB-27
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Containers

Lab ID: N15I011-07
Sample: 4882DAB-28
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-08
Sample: 4882DAB-29
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-09
Sample: 4882DAB-30
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-10
Sample: 4882DAB-31
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Lab ID: N15I011-11
Sample: 4882DAB-26
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/31/2015
Received: 09/02/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4oz jar	not provided	none	none		cooler

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Shipping Containers

cooler

Received: September 2, 2015 11:26
Tracking No: 808173278910 via FedEx
Coolant Type: Ice
Temperature: 5.0 °C

Description: cooler
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

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Report of Hexavalent Chromium in Soils

Project: DAAB 488-2D-CR6
Samples Collected: October 8, 2015
Report Date: November 11, 2015

Prepared for:
Allison Walker
North Wind, Inc. - Greenville
535 N. Pleasantburg Drive, Suite 136
Greenville SC 29607

Brooks Rand Labs
Project ID: 1541071

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Chain of Custody Forms (pages 23-38) and Analytical Instrument Outputs (pages 29-332) from the BAL Report not included in this appendix.

Brooks Applied Labs

Report Prepared for:

North Wind, Inc. - Greenville
ATTN: Allison Walker
535 N. Pleasantburg Drive, Suite 136
Greenville SC 29607

November 11, 2015

1. Sample Reception

Six (6) soil samples were submitted for hexavalent chromium and total chromium analyses. The samples were received in acceptable condition on October 9, 2015 in a sealed container at 3.5°C.

All samples were received in a laminar flow clean hood void of trace metals contamination and ultra-violet radiation. Upon reception, all samples were designated discrete sample identifiers. All samples were then stored in a secure, monitored refrigerator (maintained at a temperature of ≤6°C) until preparation and analysis could be performed.

2. Sample Preparation

All sample preparation is performed in laminar flow clean hoods known to be free from trace metals contamination. All applied water for dilutions and sample preservatives are monitored for contamination to account for any biases associated with the sample results.

Hexavalent Chromium Quantitation by EPA 7199 Mod. All samples were extracted using EPA Method 3060A. In summary, a known mass of each sample was weighed into a polypropylene centrifuge tube and $MgCl_2$, a phosphate buffer solution, and a buffered alkaline extraction solution were added to each vial. All vials were then heated, with continuous stirring, at 90-95°C in a hotblock apparatus for a minimum of one (1) hour. The resulting extracts were cooled, filtered (0.45µm), and injected directly into sealed autosampler vials prior to analysis for hexavalent chromium.

Hexavalent Chromium Quantitation by EPA Method 6800 All samples were extracted using a modified EPA Method 3060A. In summary, a known mass of each was added to a polyethylene centrifuge tube which contains $MgCl_2$. Each sample was then amended with a known amount of isotopically enriched trivalent and hexavalent chromium (^{50}Cr and ^{53}Cr, respectively) in accordance with the projected native concentrations. An alkaline extraction solution and a phosphate buffer solution were applied to each sample. All vials were then heated, with continuous stirring, at 90-95°C in a hotblock apparatus for a minimum of one (1) hour. The

resulting extracts were cooled, filtered (0.45µm), and injected directly into sealed autosampler vials prior to analysis for hexavalent chromium.

Total Chromium Quantitation A known mass of each sample was weighed into a polypropylene vial. All samples were then digested with aliquots of concentrated HNO_3 and H_2O_2 in a hot block apparatus, in accordance with EPA Method 3050B. The resulting digests were analyzed for total chromium.

Total Solids Determination A known mass of each sample was placed into a pre-weighed pan, and the combined mass of the sample and pan was recorded. All samples were then placed into a convection oven maintained at a temperature of 110°C. After drying for a minimum of sixteen (16) hours, all samples were briefly cooled and reweighed. The total solids percentage of each sample was calculated by dividing the weight of the dried sample by the weight of the original sample.

3. Sample Analysis

All sample analysis is preceded by a minimum of a five-point calibration curve spanning the entire concentration range of interest. All calibration curves, associated with each species of interest, are standardized by linear regression resulting in a response factor. All sample results are **instrument blank corrected** to account for any operational biases associated with the analytical platform. All sample results for hexavalent chromium and total chromium have also been **dry weight corrected** in accordance with the measured total solids concentrations.

Prior to sample analysis, all calibration curves are verified using second source standards which are identified as initial calibration verification standards (ICV).

Ongoing instrument performance is identified by the analysis of continuing calibration verification standards (CCV) and continuing calibration blanks (CCB) at a minimum interval of every ten analytical runs.

Hexavalent Chromium Quantitation by EPA 7199 Mod. All sample extracts for hexavalent chromium quantitation were analyzed via a modified version of EPA Method 7199, employing ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry (IC-ICP-DRC-MS). Aliquots of each sample are injected onto an anion exchange column and mobilized by an alkaline (pH > 7) gradient. The eluting chromium species are then introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through a pressurized chamber (DRC) containing a specific reactive gas which preferentially reacts with interfering ions of the same target mass to charge (m/z) ratios. A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system.

The retention time for hexavalent chromium is compared to known standards for species identification.

Hexavalent Chromium Quantitation by EPA Method 6800 All samples for hexavalent chromium quantitation were analyzed by EPA Method 6800 (speciated isotope dilution mass spectrometry, or SIDMS), employing ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry (IC-ICP-DRC-MS). Aliquots of each sample are injected onto an anion exchange column and mobilized by an alkaline (pH > 7) gradient. The eluting chromium species are then introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through a pressurized chamber (DRC) containing a specific reactive gas which preferentially reacts with interfering ions of the same target mass to charge ratios (m/z). A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system. Mass-to-charge ratios of 50, 52, and 53 are monitored during the analysis and the ratios are applied for quantitation purposes, as detailed in EPA Method 6800. Samples are analyzed in triplicate with the average being reported for each sample.

The retention times for trivalent and hexavalent chromium are compared to known standards for species identification.

Total Chromium Quantitation All sample digests for total chromium quantitation were analyzed via a modified EPA Method 200.8, employing inductively coupled plasma triple quadrupole mass spectrometry (ICP-QQQ-MS). Aliquots of each sample digest are introduced into a radio frequency (RF) plasma where energy-transfer processes cause desolvation, atomization, and ionization. The ions are extracted from the plasma through a differentially-pumped vacuum interface and travel through an initial quadrupole (Q1), which filters the target masses prior to their entrance into a second chamber. The second chamber contains specific reactive gasses or collision gasses that preferentially react either with interfering ions of the same target mass to charge ratios (m/z) or with the target analyte, producing an entirely different mass to charge ratio (m/z) which can then be differentiated from the initial interferences. The ions then exit the collision/reaction chamber into the mass analyzer (Q2). A solid-state detector detects ions transmitted through the mass analyzer, on the basis of their mass-to-charge ratio (m/z), and the resulting current is processed by a data handling system.

4. Analytical Issues and Discussion

No significant issues were encountered with the requested analyses. All quality control parameters associated with these samples were within acceptance limits with the following exceptions:

The RPD associated with the duplicate performed on sample 1541071-01 was above the control limit of 25% for hexavalent chromium in Batch B151675 (B151675-DUP1, RPD of 29%). The native sample and duplicate were re-analyzed, and the elevated RPD was confirmed; therefore, the results associated with the initial analyses have been reported. Visual inspection of sample 1541071-01 indicated that the matrix was heterogeneous in nature. The

elevated duplicate RPD therefore reflects the sample heterogeneity and does not impact the validity of the reported results.

The RPD associated with the duplicate performed on sample 1541071-01 was above the control limit of 25% for hexavalent chromium in Batch B151887 (B151887-DUP1, RPD of 37%). A triplicate set (including B151887-DUP1 and B151887-DUP2) was performed on this sample, and the associated RSD was within control at 19%. As previously mentioned, a visual inspection of sample N15I011-11 indicated that the matrix was heterogeneous in nature. Therefore, the elevated RPD obtained for B151887-DUP1 is attributed to the heterogeneity of the submitted sample.

An important aspect of using isotopic ratios for quantitation purposes via EPA 6800 is ensuring that the measured signal for the target chromium isotopes is significantly above that associated with the background of the method. When the measured signal for a target isotope for a given chromium species is near that of the background, greater variability in the measured isotope ratio and therefore the final calculated sample result will occur. Each SIDMS result with a measured signal to background ratio of less than three for any hexavalent chromium isotope has been flagged (J-1) to indicate the greater variability associated with these results.

It should be noted that the method detection limit (MDL) for hexavalent chromium by EPA 7199 Mod has been calculated as three times the standard deviation of replicate analyses of the lowest standard in the calibration curve. The MDL for total chromium has been calculated as the average of the four method blanks plus three times the standard deviation of the method blanks.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. BAL, an accredited laboratory, certifies that the reported results of all analyses for which BAL is NELAP accredited meet all NELAP requirements. For more details, please see the Report Information page in your report. Please feel free to contact me if you have any questions regarding this report.

Sincerely,

Ben Wozniak

Ben Wozniak
Project Manager
ben@brooksapplied.com

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Report Information

Laboratory Accreditation

BAL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BAL is also certified by many other states to perform environmental analyses. For a current list of our accreditations/certifications, please visit our website at <http://www.brooksapplied.com/resources/certificates-permits/>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

BLK	method blank	**MS**	matrix spike
BAL	Brooks Applied Labs	**MSD**	matrix spike duplicate
BS	laboratory fortified blank	**ND**	non-detect
CAL	calibration standard	**NR**	non-reportable
CCB	continuing calibration blank	**N/C**	not calculated
CCV	continuing calibration verification	**PS**	post preparation spike
COC	chain of custody record	**REC**	percent recovery
D	dissolved fraction	**RPD**	relative percent difference
DUP	duplicate	**RSD**	relative standard deviation
IBL	instrument blank	**SCV**	secondary calibration verification
ICV	initial calibration verification	**SOP**	standard operating procedure
MDL	method detection limit	**SRM**	standard reference material
MRL	method reporting limit	**T**	total recoverable fraction

Definition of Data Qualifiers

(Effective 9/23/09)

J	Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate.
E	An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H	Holding time and/or preservation requirements not met. Result is estimated.
J-1	Greater variability is associated with this result. A full explanation is presented in the narrative.
J-M	Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated.
J-N	Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated.
M	Duplicate precision (RPD) was not within acceptance criteria. Result is estimated.
N	Spike recovery was not within acceptance criteria. Result is estimated.
R	Rejected, unusable value. A full explanation is presented in the narrative.
U	Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X	Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch.
	Result is estimated.

These qualifiers are based on those previously utilized by Brooks Applied Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BAL.

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Information

Sample	Lab ID	Report Matrix	Type	Sampled	Received
DAAB4882D-048	1541071-01	Soil/Sediment	Sample	10/08/2015	10/09/2015
DAAB4882D-049	1541071-02	Soil/Sediment	Sample	10/08/2015	10/09/2015
DAAB4882D-050FD	1541071-03	Soil/Sediment	Sample	10/08/2015	10/09/2015
DAAB4882D-051	1541071-04	Soil/Sediment	Sample	10/08/2015	10/09/2015
DAAB4882D-052	1541071-05	Soil/Sediment	Sample	10/08/2015	10/09/2015
DAAB4882D-053	1541071-06	Soil/Sediment	Sample	10/08/2015	10/09/2015

Batch Summary

Analyte	Lab Matrix	Method	Prepared	Analyzed	Batch	Sequence
%TS	Soil/Sediment	SM 2540G	10/20/2015	10/21/2015	B151720	N/A
Cr	Soil/Sediment	EPA 200.8	10/20/2015	10/24/2015	B151723	1500839
Cr(VI)	Soil/Sediment	SOP ASC-083.2	10/19/2015	10/21/2015	B151675	1500790
Cr(VI)	Soil/Sediment	EPA 6800 Mod	11/02/2015	11/10/2015	B151887	N/A

Project ID: NTW-GN1501Z
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Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
DAAB4882D-048										
1541071-01	%TS	Soil/Sediment	NA	82.57		0.30	1.00	%	B151720	N/A
1541071-01	Cr	Soil/Sediment	dry	17.3		0.021	0.120	mg/kg	B151723	1500839
1541071-01	Cr(VI)	Soil/Sediment	dry	0.534		0.002	0.024	mg/kg	B151675	1500790
1541071-01	Cr(VI)	Soil/Sediment	dry	0.931				mg/kg	B151887	N/A
DAAB4882D-049										
1541071-02	%TS	Soil/Sediment	NA	85.77		0.30	1.00	%	B151720	N/A
1541071-02	Cr	Soil/Sediment	dry	12.6		0.020	0.115	mg/kg	B151723	1500839
1541071-02	Cr(VI)	Soil/Sediment	dry	0.648		0.002	0.023	mg/kg	B151675	1500790
1541071-02	Cr(VI)	Soil/Sediment	dry	0.897				mg/kg	B151887	N/A
DAAB4882D-050FD										
1541071-03	%TS	Soil/Sediment	NA	85.54		0.30	1.00	%	B151720	N/A
1541071-03	Cr	Soil/Sediment	dry	13.0		0.019	0.111	mg/kg	B151723	1500839
1541071-03	Cr(VI)	Soil/Sediment	dry	0.684		0.002	0.024	mg/kg	B151675	1500790
1541071-03	Cr(VI)	Soil/Sediment	dry	0.815				mg/kg	B151887	N/A
DAAB4882D-051										
1541071-04	%TS	Soil/Sediment	NA	89.48		0.30	1.00	%	B151720	N/A
1541071-04	Cr	Soil/Sediment	dry	3.27		0.019	0.109	mg/kg	B151723	1500839
1541071-04	Cr(VI)	Soil/Sediment	dry	0.250		0.002	0.022	mg/kg	B151675	1500790
1541071-04	Cr(VI)	Soil/Sediment	dry	0.174				mg/kg	B151887	N/A
DAAB4882D-052										
1541071-05	%TS	Soil/Sediment	NA	77.93		0.30	1.00	%	B151720	N/A
1541071-05	Cr	Soil/Sediment	dry	11.8		0.022	0.124	mg/kg	B151723	1500839
1541071-05	Cr(VI)	Soil/Sediment	dry	0.273		0.003	0.026	mg/kg	B151675	1500790
1541071-05	Cr(VI)	Soil/Sediment	dry	0.235				mg/kg	B151887	N/A
DAAB4882D-053										
1541071-06	%TS	Soil/Sediment	NA	85.04		0.30	1.00	%	B151720	N/A
1541071-06	Cr	Soil/Sediment	dry	12.6		0.021	0.120	mg/kg	B151723	1500839
1541071-06	Cr(VI)	Soil/Sediment	dry	0.674		0.002	0.023	mg/kg	B151675	1500790
1541071-06	Cr(VI)	Soil/Sediment	dry	0.825				mg/kg	B151887	N/A

Project ID: NTW-GN1501Z
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Accuracy & Precision Summary

Batch: B151675
Lab Matrix: Soil/Sediment
Method: SOP ASC-083.2

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B151675-BS1	**Laboratory Fortified Blank, Cr(III) (NC00017)**						
	Cr(VI)		20.00	ND	mg/kg	NR 0-1%	N/C
B151675-BS2	**Laboratory Fortified Blank, Cr(VI) (NC00016)**						
	Cr(VI)		20.00	18.65	mg/kg	93% 80-120	
B151675-BS3	**Laboratory Fortified Blank, PbCrO4 (NC00442)**						
	Cr(VI)		643.6	561.0	mg/kg	87% 80-120	
B151675-SRM1	**Certified Reference Material, Nist 2701 (NC00366, NIST 2701-Hexavalent Chromium in Soil)**						
	Cr(VI)		551.2	433.7	mg/kg	79% 75-125	
B151675-DUP1	**Duplicate, (1541071-01)**						
	Cr(VI)	0.534		0.713	mg/kg		*29%* 25
B151675-MS1	**Matrix Spike, Cr(III) (1541071-01)**						
	Cr(VI)	0.534	23.98	1.169	mg/kg	3% 0-15%	
B151675-MS2	**Matrix Spike, Cr(VI) (1541071-01)**						
	Cr(VI)	0.534	24.12	22.19	mg/kg	90% 75-125	
B151675-MS3	**Matrix Spike, PbCrO4 (1541071-01)**						
	Cr(VI)	0.534	868.1	743.4	mg/kg	86% 75-125	
B151675-MSD1	**Matrix Spike Duplicate, Cr(III) (1541071-01)**						
	Cr(VI)	0.534	23.68	1.157	mg/kg	3% 0-15%	N/A N/A
B151675-MSD2	**Matrix Spike Duplicate, Cr(VI) (1541071-01)**						
	Cr(VI)	0.534	24.19	22.74	mg/kg	92% 75-125	2% 25
B151675-MSD3	**Matrix Spike Duplicate, PbCrO4 (1541071-01)**						
	Cr(VI)	0.534	736.7	641.2	mg/kg	87% 75-125	2% 25

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walke

Accuracy & Precision Summary

Batch: B151720
Lab Matrix: Soil/Sediment
Method: SM 2540G

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B151720-DUP1	**Duplicate, (1541071-01)**						
	%TS	82.57		82.28	%		0.4% 15

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Accuracy & Precision Summary

Batch: B151723
Lab Matrix: Soil/Sediment
Method: EPA 200.8

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B151723-BS1	**Laboratory Fortified Blank, (1543009)**						
	Cr		40.00	37.78	mg/kg	94% 75-125	
B151723-BS2	**Laboratory Fortified Blank, (1543010)**						
	Cr		50.00	46.48	mg/kg	93% 75-125	
B151723-SRM1	**Certified Reference Material, (NC00378, CRM052-50G Loamy Clay 1 - 3050B)**						
	Cr		334.0	315.3	mg/kg	94% 75-125	
B151723-DUP1	**Duplicate, (1541071-06)**						
	Cr	12.59		12.39	mg/kg		2% 25
B151723-MS1	**Matrix Spike, (1541071-06)**						
	Cr	12.59	44.86	66.51	mg/kg	120% 75-125	
B151723-MSD1	**Matrix Spike Duplicate, (1541071-06)**						
	Cr	12.59	48.48	62.52	mg/kg	103% 75-125	15% 25

Project ID: NTW-GN1501Z
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Client PM: Allison Walker

Accuracy & Precision Summary

Batch: B151887
Lab Matrix: Soil/Sediment
Method: EPA 6800 Mod

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B151887-SRM1	**Certified Reference Material, NIST 2701 (NC00366, NIST 2701-Hexavalent Chromium in Soil)**						
	Cr(VI)		551.2	524.7	mg/kg	95% 75-125	
B151887-DUP1	**Duplicate, (1541071-06)**						
	Cr(VI)	0.825		0.566	mg/kg		*37%* 25
B151887-DUP2	**Duplicate, (1541071-06)**						
	Cr(VI)	0.825		0.792	mg/kg		4% 25

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Method Blanks & Reporting Limits

Batch: B151675
Matrix: Soil/Sediment
Method: SOP ASC-083.2
Analyte: Cr(VI)

Sample	Result	Units
B151675-BLK1	0.009	mg/kg wet
B151675-BLK2	0.008	mg/kg wet
B151675-BLK3	0.009	mg/kg wet
B151675-BLK4	0.010	mg/kg wet

Average: 0.009
Limit: 0.020

MDL: 0.002
MRL: 0.020

Project ID: NTW-GN1501Z
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Method Blanks & Reporting Limits

Batch: B151720
Matrix: Soil/Sediment
Method: SM 2540G
Analyte: %TS

Sample	Result	Units
B151720-BLK1	0.06	%
B151720-BLK2	0.05	%

Average: 0.06
Limit: 1.00

MDL: 0.30
MRL: 1.00

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Method Blanks & Reporting Limits

Batch: B151723
Matrix: Soil/Sediment
Method: EPA 200.8
Analyte: Cr

Sample	Result	Units
B151723-BLK1	-0.008	mg/kg wet
B151723-BLK2	-0.028	mg/kg wet
B151723-BLK3	-0.008	mg/kg wet
B151723-BLK4	-0.028	mg/kg wet

Average: -0.018 **Standard Deviation:** 0.012 **MDL:** 0.018
Limit: 0.040 **Limit:** 0.012 **MRL:** 0.100

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Project ID: NTW-GN1501Z
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Method Blanks & Reporting Limits

Batch: B151887
Matrix: Soil/Sediment
Method: EPA 6800 Mod
Analyte: Cr(VI)

Sample	Result		Units
B151887-BLK1	0.023	J-1	mg/kg wet
B151887-BLK2	0.015	J-1	mg/kg wet
B151887-BLK3	0.016	J-1	mg/kg wet
B151887-BLK4	0.016	J-1	mg/kg wet

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Instrument Calibration

Sequence: 1500790
Instrument: ICPMS4
Date: 10/21/2015
Analyte: Cr(VI)

Total Chromium and Chromium Speciation
Method: IC-ICP-MS

Lab ID	True Value	Result	Units	REC & Limits	
1500790-ICB1		0.0001	µg/L		
1500790-ICB2		-0.00008	µg/L		
1500790-ICB3		0.00004	µg/L		
1500790-ICB4		-0.00007	µg/L		
1500790-CAL1	0.01000	0.009	µg/L	90%	
1500790-CAL2	0.01000	0.009	µg/L	90%	
1500790-CAL3	0.01000	0.009	µg/L	93%	
1500790-CAL4	0.01000	0.01	µg/L	96%	
1500790-CAL5	0.05000	0.05	µg/L	98%	
1500790-CAL6	0.1000	0.10	µg/L	98%	
1500790-CAL7	0.5000	0.49	µg/L	99%	
1500790-CAL8	1.000	0.99	µg/L	99%	
1500790-CAL9	5.000	4.95	µg/L	99%	
1500790-CALA	10.00	10.0	µg/L	100%	
1500790-IBL1		0.001	µg/L		
1500790-ICV2	2.006	1.93	µg/L	96%	80-120
1500790-ICB5		-0.00004	µg/L		
1500790-CCV1	1.000	0.98	µg/L	98%	75-125
1500790-CCB1		-0.001	µg/L		
1500790-CCV2	1.000	0.98	µg/L	98%	75-125
1500790-CCB2		0.0005	µg/L		
1500790-CCV3	1.000	0.95	µg/L	95%	75-125
1500790-CCB3		0.0003	µg/L		
1500790-CCV5	1.000	0.95	µg/L	95%	75-125
1500790-CCB5		0.0003	µg/L		
1500790-CCV6	1.000	0.93	µg/L	93%	75-125
1500790-CCB6		0.0004	µg/L		
1500790-CCV7	1.000	0.96	µg/L	96%	75-125
1500790-CCB7		0.0005	µg/L		

Project ID: NTW-GN1501Z
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Client PM: Allison Walker

Instrument Calibration

Sequence: 1500839
Instrument: ICPMS8
Date: 10/24/2015
Analyte: Cr 52 [O2]

Trace Metals by ICP-MS
Method: EPA 200.8

Lab ID	True Value	Result	Units	REC & Limits	
1500839-ICB1		0.000	µg/L		
1500839-CAL1	0.04000	0.036	µg/L	91%	
1500839-CAL2	0.1000	0.090	µg/L	90%	
1500839-CAL3	0.4000	0.353	µg/L	88%	
1500839-CAL4	1.000	0.861	µg/L	86%	
1500839-CAL5	4.000	3.808	µg/L	95%	
1500839-CAL6	10.00	9.477	µg/L	95%	
1500839-CAL7	40.00	38.75	µg/L	97%	
1500839-CAL8	100.0	100.6	µg/L	101%	
1500839-ICB2		-0.009	µg/L		
1500839-ICV1	10.00	9.400	µg/L	94%	85-115
1500839-ICB3		-0.004	µg/L		
1500839-SCV1	3.810	3.749	µg/L	98%	85-115
1500839-ICB4		0.047	µg/L		
1500839-IBL1		-0.012	µg/L		
1500839-IBL2		-0.012	µg/L		
1500839-IBL3		-0.011	µg/L		
1500839-IBL4		-0.008	µg/L		
1500839-CCV1	10.00	9.780	µg/L	98%	75-125
1500839-CCB1		-0.004	µg/L		
1500839-CCV2	10.00	9.883	µg/L	99%	75-125
1500839-CCB2		-0.010	µg/L		
1500839-CCV3	10.00	9.678	µg/L	97%	75-125
1500839-CCB3		-0.004	µg/L		
1500839-CCV4	10.00	9.546	µg/L	95%	75-125
1500839-CCB4		-0.005	µg/L		
1500839-CCV5	10.00	9.447	µg/L	94%	75-125
1500839-CCB5		-0.014	µg/L		
1500839-CCV6	10.00	9.577	µg/L	96%	75-125
1500839-CCB6		-0.015	µg/L		
1500839-CCV7	10.00	9.624	µg/L	96%	75-125
1500839-CCB7		-0.002	µg/L		
1500839-CCV8	10.00	9.593	µg/L	96%	75-125
1500839-CCB8		-0.0007	µg/L		
1500839-CCV9	10.00	9.609	µg/L	96%	75-125
1500839-CCB9		-0.002	µg/L		
1500839-CCVA	10.00	9.526	µg/L	95%	75-125
1500839-CCBA		-0.005	µg/L		
1500839-CCVB	10.00	9.433	µg/L	94%	75-125
1500839-CCBB		-0.007	µg/L		
1500839-CCVC	10.00	9.368	µg/L	94%	75-125

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Instrument Calibration

Sequence: 1500839
Instrument: ICPMS8
Date: 10/24/2015
Analyte: Cr 52 [O2]

Trace Metals by ICP-MS
Method: EPA 200.8

Lab ID	True Value	Result	Units	REC & Limits	
1500839-CCBC		-0.009	µg/L		
1500839-CCVD	10.00	9.348	µg/L	93%	75-125
1500839-CCBD		-0.012	µg/L		
1500839-CCVE	10.00	9.281	µg/L	93%	75-125
1500839-CCBE		-0.008	µg/L		
1500839-CCVF	10.00	9.390	µg/L	94%	75-125
1500839-CCBF		0.0007	µg/L		
1500839-CCVG	10.00	9.325	µg/L	93%	75-125
1500839-CCBG		-0.007	µg/L		
1500839-CCVH	10.00	9.406	µg/L	94%	75-125
1500839-CCBH		0.003	µg/L		
1500839-CCVI	10.00	9.454	µg/L	95%	75-125
1500839-CCBI		-0.005	µg/L		
1500839-CCVJ	10.00	9.318	µg/L	93%	75-125
1500839-CCBJ		0.008	µg/L		
1500839-CCVK	10.00	9.358	µg/L	94%	75-125
1500839-CCBK		0.009	µg/L		
1500839-CCVL	10.00	9.375	µg/L	94%	75-125
1500839-CCBL		0.00004	µg/L		
1500839-CCVM	10.00	9.260	µg/L	93%	75-125
1500839-CCBM		-0.003	µg/L		
1500839-CCVN	10.00	9.302	µg/L	93%	75-125
1500839-CCBN		0.002	µg/L		
1500839-CCVO	10.00	9.328	µg/L	93%	75-125
1500839-CCBO		0.003	µg/L		
1500839-CCVP	10.00	9.379	µg/L	94%	75-125
1500839-CCBP		0.0009	µg/L		
1500839-CCVQ	10.00	9.360	µg/L	94%	75-125
1500839-CCBQ		0.005	µg/L		
1500839-CCVR	10.00	9.399	µg/L	94%	75-125
1500839-CCBR		0.008	µg/L		
1500839-CCVS	10.00	9.515	µg/L	95%	75-125
1500839-CCBS		0.035	µg/L		
1500839-CCVT	10.00	9.509	µg/L	95%	75-125
1500839-CCBT		0.030	µg/L		
1500839-CCVU	10.00	9.532	µg/L	95%	75-125
1500839-CCBU		0.035	µg/L		
1500839-CCVV	10.00	9.520	µg/L	95%	75-125
1500839-CCBV		0.034	µg/L		
1500839-CCVW	10.00	9.433	µg/L	94%	75-125
1500839-CCBW		0.031	µg/L		

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Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Sample Containers

Lab ID: 1541071-01
Sample: DAAB4882D-048
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Lab ID: 1541071-02
Sample: DAAB4882D-049
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Lab ID: 1541071-03
Sample: DAAB4882D-050FD
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Lab ID: 1541071-04
Sample: DAAB4882D-051
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Lab ID: 1541071-05
Sample: DAAB4882D-052
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Lab ID: 1541071-06
Sample: DAAB4882D-053
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 10/08/2015
Received: 10/09/2015

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Jar HDPE	4 oz jar	not provided	none	none		cooler

Project ID: NTW-GN1501Z
PM: Ben Wozniak

Client PM: Allison Walker

Shipping Containers

cooler

Received: October 9, 2015 9:35
Tracking No: 808840180178 via FedEx
Coolant Type: Blue Ice
Temperature: 3.5 °C

Description: cooler
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

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DATA VALIDATION REPORT

For

Project DAAB-488-2D-CR6

Prepared by North Wind, Inc. – Greenville, SC

November 16, 2015

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INTRODUCTION

This report discusses the data validation of a Level IV data package generated by Brooks Applied Labs located at 18804 North Creek Parkway, Suite 100, Bothell, Washington 98011. The data package was received on November 3, 2015, loaded on a CD. The data validator performed a Level IV data validation examination, as per EPA and DoD-DOE QSM requirements. The type of validation process involves a comprehensive examination of every facet of the analyses represented by and documented in the data package. This report will provide details of this process and will discuss the quality of the data and any effects the data quality have on the reported results. A data summary spreadsheet will also be provided to enable the user to easily view all the data and data qualifiers applied as a result of the data validation process.

SUMMARY OF PROJECT

This project entailed the sampling of eleven (11) soil samples for the analysis of Chromium. In particular, the samples were analyzed for Total Chromium, Hexavalent Chromium (Cr VI), and Total Solids (in order to provide a correction factor so that results could be reported on a "dry weight" basis). Several methods for sample analysis were utilized by the laboratory, which are discussed in the next section.

SUMMARY OF METHODS

Three methods were used to determine Chromium concentrations in the 11 samples submitted for analysis. The following is a brief explanation of these methods and why three methods were utilized.

EPA method 200.8: ICP-MS (Inductively Coupled Plasma triple quadrupole- Mass Spectroscopy) analysis for Total Chromium

This method is used to determine the presence of and concentrations of over 60 metal elements in a wide variety of samples. In this method, samples are digested and then introduced into a radio frequency plasma, where the analytes are desolved, atomized and ionized. The ions so produced are transferred from the plasma to a triple quadrupole (QQQ) filter and the ions of interest are then transferred to a triple quadrupole filter, which filters target masses, then these mass ions are transferred to a mass analyzer, which detects and quantifies the metal analytes of interest. The resulting signal is then converted to usable data via a data handling system. The results labeled "Cr" were generated in this manner.

EPA Method 7199: ICP-DRC-MS (ICP - plasma dynamic reaction cell - MS) for Hexavalent Chromium (Cr VI)

This method involved all the capabilities of method 200.8, with added sample preparation steps. These added steps include passing the digestates of samples through an ion-exchange column, which is followed by adjustment of the pH to greater than 7. This mobilizes the chromium ions (one of which is

Cr VI), which is then passed through a DRC chamber which preferentially reacts with Cr VI. The signal is then collected and results for Cr (VI) are generated via the data handling system.

EPA Method 6800: IC-ICP-DRC-MS

This method is similar to the 7199 method, with an important difference. For method 6800, various isotopes of Chromium are detected, which gives rise to the acronym used for this method: SIDMS (Speciated isotope dilution MS). This method of analysis is essentially free from interferences and can determine specific species of Chromium by the use of labeled isotopes of Chromium (Cr-50, Cr-52 and Cr-53) for each species (oxidation state), which are detected by their individual retention times. This method works even if the Cr (VI) has degraded to Cr (III) during the sample preparation or analysis. Proponents of this method claim that it is the most reliable method for determining specific oxidation states of metal ions in a variety of matrices.

The total chromium value is the sum of the Cr (III) and Cr (VI) results. Once one knows the Total Chromium (Cr (III) + Cr (VI)) value, and when the Cr (VI) concentration is determined, the Cr (III) can be calculated by difference. In most cases, Cr (III) makes up a large component of the total chromium result, as can be seen in the data presented for this project. Cr (VI) is environmentally and toxicologically important, which is the reason for the analysis.

Standard method 2540G: Total Solids

This is a simple method for determining percent solids of a solid sample. A known mass of sample is dried in an oven for a period of time, and the loss of mass is attributed to water that has been driven off. The dry mass divided by the original mass is calculated and a percent solids value is derived from that result. The initial ("wet") concentration result for an analyte is then divided by the percent solids value to obtain the "dry weight" result.

SPECIFIC DATA PACKAGE INFORMATION

The data package received by the project chemist is 529 pages in length. It is divided into several main sections:

- Introduction and overview
- Sample results and analytical batch information
- QC summary (accuracy and precision)
- Calibration information
- Chain of Custody and sample container summary
- Raw analytical data for five sample analysis batches

All necessary data were present and complied with the detail and completeness required for a Level IV data package. The Project chemist was able to utilize all the contents of the data package in order to perform the level IV data validation process. In addition, the thorough examination of the data

deliverables also serves as the Data Verification activity (also known as Contract Compliance Screening, CCS, by some entities).

Sample IDs

The following 11 samples were submitted for analysis:

4882DAB-21 4882DAB-22 4882DAB-23 4882DAB-24 4882DAB-25 4882DAB-26

4882DAB-27 4882DAB-28 4882DAB-29 4882DAB-30 4882DAB-31

Sample Collection and Receipt

They were all collected on August 31, 2015. All samples were received by the laboratory on September 2, 2015 in good condition.

Sample Preparation and Analysis Dates

Client ID	Lab ID	Batch NC00055	Batch NC00088	Batch NC00054	Batch NC00138	Batch NC00149
		Method 2540G- % moisture	Method 200.8- Total Chromium ICP-QQQ-MS	Method 7199 - Chromium (VI) ICP-DRC-MS	Method 6800 - Chromium (VI) SIDMS	Method 6800 - Chromium (VI) SIDMS
4882DAB-21	N15I011-01	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-22	N15I011-02	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-23	N15I011-03	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-24	N15I011-04	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-25	N15I011-05	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-26	N15I011-11	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-27	N15I011-06	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-28	N15I011-07	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-29	N15I011-08	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	
4882DAB-30	N15I011-09	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	Prep: 9/28/15* Anal.:9/29/15*
4882DAB-31	N15I011-10	Prep: 9/9/15 Anal.:9/15/15	Prep: 9/14/15 Anal.:9/15/15	Prep: 9/9/15 Anal.:9/10/15	Prep: 9/23/15 Anal.:9/24/15	Prep: 9/28/15* Anal.:9/29/15*

*Samples 4882DAB-30 and -31 were re-analyzed to confirm results.

QC SUMMARY

QC Indicators

The following QC indicators were employed for these analyses:

- Method blank (MBLK)
- Calibration verification standards (ICV, CCV)
- Matrix spike analysis (MS)
- Matrix Spike Duplicate analyses (MSD)
- Laboratory control samples: Certified reference materials (CRMs) and Standard Reference materials (SRMs), Laboratory fortified Blanks
- Laboratory duplicates (DUP)

QC results

Each of the above QC indicator results were examine to determine if (a) there were unacceptable results and (b) if so, what effects these unacceptable results would have on the results. "Unacceptable" means that the blank values, MS/MSD % recoveries, laboratory duplicate precision (RPD), SRM and CRM % recoveries are outside of acceptable limits.

The following is the summary of QC indicator performance:

- Method blank (MBLK): The Method 6800 Method blanks produced results that are greater than the method detection limits (MDLs). A maximum value of 0.031 mg/kg was obtained. All other blanks for the other methods were acceptable.
- Calibration verification standards (ICV, CCV): All ICV and CCV recoveries were within acceptable ranges of 90-110%.
- Matrix spike analysis (MS): all MS recoveries were within acceptable ranges of 80-120%.
- Matrix Spike Duplicate analyses (MSD): All MSD recoveries were within acceptable ranges of 80-120%.
- Laboratory control samples: (Certified reference materials (CRMs) and Standard Reference materials (SRMs), Laboratory fortified Blanks): All SRM, CRM and Lab fortified blank recoveries were within the acceptable range of 80-120%.
- Laboratory duplicates (DUP): Laboratory duplicate relative percent difference (RPD) values were less than 35%, which is considered acceptable for solid matrix result precision.

Qualified results based on QC results

Based on the foregoing QC result summary, the following results are affected:

The CR (VI) results generated by the EPA 6800 method for Samples 4882DAB-25, 4882DAB-30, and 4882DAB-31 should be considered undetected due to blank contamination. These results are within five times the highest method blank. The results are qualified with the **UJ** qualifier on the excel data summary that accompanies this report.

In addition to the examination of all QC indicators, the project chemist also verified all of the results by recalculation of values for methods 2540G, 200.8, and 7199. The method of calculation for results from Method 6800 is patented (proprietary) and was unavailable to this validator at the current time. However, the Laboratory is certified to perform this analysis by a number of States and agencies, which would suggest that the results for method 6800 are correct as reported.

No other data have been qualified in any way.

STATEMENT OF DATA USABILITY

Based on the comprehensive data validation process of the data for this project, all results are considered confident as reported and usable for the intended use of the data, with the exception of the three results considered undetected as discussed above.

It should be noted that the Cr (VI) results generated from method 6800 are up to three times greater than the results generated from method 7199. It is the position of the EPA and other agencies that data generated from method 6800 is very reliable and is the preferred method for determining the speciation of transition metals such as Chromium. Based on this statement, it is recommended that the data user be advised to utilize the results from EPA method 6800 for this project.

Report prepared by: Roy J. Cohen, PhD on: November 16, 2015

Project Chemist, North Wind.

Att: Excel data summary

CHROMIUM DATA - PROJECT DAAB-488-2D-CR6

sample ID	SPL DATE	LAB ID	ANALYTE	RESULT	UNITS	VAL_QUAL	METHOD	DATE PREP	ANALY DATE	BATCH
4882DAB21	8/31/2015	N15I011-01	SOLIDS	89.87	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB21	8/31/2015	N15I011-01	TOT CR	11.3	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB21	8/31/2015	N15I011-01	CR+6	0.208	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB21	8/31/2015	N15I011-01	CR+6	0.686	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB22	8/31/2015	N15I011-02	SOLIDS	84.65	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB22	8/31/2015	N15I011-02	TOT CR	14.4	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB22	8/31/2015	N15I011-02	CR+6	0.379	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB22	8/31/2015	N15I011-02	CR+6	1.85	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB23	8/31/2015	N15I011-03	SOLIDS	91.1	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB23	8/31/2015	N15I011-03	TOT CR	3.39	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB23	8/31/2015	N15I011-03	CR+6	0.162	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB23	8/31/2015	N15I011-03	CR+6	0.482	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB24	8/31/2015	N15I011-04	SOLIDS	79.43	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB24	8/31/2015	N15I011-04	TOT CR	13.3	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB24	8/31/2015	N15I011-04	CR+6	0.077	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB24	8/31/2015	N15I011-04	CR+6	0.239	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB25	8/31/2015	N15I011-05	SOLIDS	87.36	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB25	8/31/2015	N15I011-05	TOT CR	3.23	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB25	8/31/2015	N15I011-05	CR+6	0.117	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB25	8/31/2015	N15I011-05	CR+6	0.172	mg/kg	UJ	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB26	8/31/2015	N15I011-11	SOLIDS	91.25	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB26	8/31/2015	N15I011-11	TOT CR	4.84	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB26	8/31/2015	N15I011-11	CR+6	0.254	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB26	8/31/2015	N15I011-11	CR+6	0.43	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB27	8/31/2015	N15I011-06	SOLIDS	87.44	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB27	8/31/2015	N15I011-06	TOT CR	11.0	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB27	8/31/2015	N15I011-06	CR+6	0.815	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB27	8/31/2015	N15I011-06	CR+6	1.03	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB28	8/31/2015	N15I011-07	SOLIDS	87.26	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB28	8/31/2015	N15I011-07	TOT CR	9.34	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB28	8/31/2015	N15I011-07	CR+6	0.791	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB28	8/31/2015	N15I011-07	CR+6	1.06	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB29	8/31/2015	N15I011-08	SOLIDS	90.41	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB29	8/31/2015	N15I011-08	TOT CR	15.9	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB29	8/31/2015	N15I011-08	CR+6	0.193	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB29	8/31/2015	N15I011-08	CR+6	0.603	mg/kg	=	EPA6800	9/23/2015	9/24/2015	NC00138
4882DAB30	8/31/2015	N15I011-09	SOLIDS	80.08	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB30	8/31/2015	N15I011-09	TOT CR	17.8	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB30	8/31/2015	N15I011-09	CR+6	0.037	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB30	8/31/2015	N15I011-09	CR+6	0.071	mg/kg	UJ	EPA6800	9/28/2015	9/29/2015	NC00149
4882DAB31	8/31/2015	N15I011-10	SOLIDS	87.43	%	=	SM2540G	9/9/2015	9/15/2015	NC00055
4882DAB31	8/31/2015	N15I011-10	TOT CR	3.58	mg/kg	=	EPA200.8	9/14/2015	9/15/2015	NC00088
4882DAB31	8/31/2015	N15I011-10	CR+6	0.015	mg/kg	=	EPA7199	9/9/2015	9/10/2015	NC00054
4882DAB31	8/31/2015	N15I011-10	CR+6	0.002	mg/kg	UJ	EPA6800	9/28/2015	9/29/2015	NC00149

Qualifier Key: = means results is confident and usable for the intended purpose of the data.
UJ means that the result is within the range considered affected by blank contamination.
The reported value is an estimated detection limit.

DATA VALIDATION REPORT

For

Project DAAB-488-2D-CR6

Second sampling

Prepared by North Wind, Inc. – Greenville, SC

November 23, 2015

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INTRODUCTION

This report discusses the data validation of a Level IV data package generated by Brooks Applied Labs located at 18804 North Creek Parkway, Suite 100, Bothell, Washington 98011. The data package was received on November 16, 2015. The data validator performed a Level IV data validation examination, as per EPA and DoD-DOE QSM requirements. The type of validation process involves a comprehensive examination of every facet of the analyses represented by and documented in the data package. This report will provide details of this process and will discuss the quality of the data and any effects the data quality have on the reported results. A data summary spreadsheet will also be provided to enable the user to easily view all the data and data qualifiers applied as a result of the data validation process.

SUMMARY OF PROJECT

This project entailed the sampling of six (6) soil samples for the analysis of Chromium. In particular, the samples were analyzed for Total Chromium, Hexavalent Chromium (Cr VI), and Total Solids (in order to provide a correction factor so that results could be reported on a "dry weight" basis). Several methods for sample analysis were utilized by the laboratory, which are discussed in the next section.

SUMMARY OF METHODS

Three methods were used to determine Chromium concentrations in the six samples submitted for analysis. The following is a brief explanation of these methods and why three methods were utilized.

EPA method 200.8: ICP-MS (Inductively Coupled Plasma triple quadrupole- Mass Spectroscopy) analysis for Total Chromium

This method is used to determine the presence of and concentrations of over 60 metal elements in a wide variety of samples. In this method, samples are digested and then introduced into a radio frequency plasma, where the analytes are desolved, atomized and ionized. The ions so produced are transferred from the plasma to a triple quadrupole (QQQ) filter and the ions of interest are then transferred to a triple quadrupole filter, which filters target masses, then these mass ions are transferred to a mass analyzer, which detects and quantifies the metal analytes of interest. The resulting signal is then converted to usable data via a data handling system. The results labeled "Cr" were generated in this manner.

EPA Method 7199: ICP-DRC-MS (ICP - plasma dynamic reaction cell - MS) for Hexavalent Chromium (Cr VI)

This method involved all the capabilities of method 200.8, with added sample preparation steps. These added steps include passing the digestates of samples through an ion-exchange column, which is followed by adjustment of the pH to greater than 7. This mobilizes the chromium ions (one of which is Cr VI), which is then passed through a DRC chamber which preferentially reacts with Cr VI. The signal is then collected and results for Cr (VI) are generated via the data handling system.

EPA Method 6800: IC-ICP-DRC-MS

This method is similar to the 7199 method, with an important difference. For method 6800, various isotopes of Chromium are detected, which gives rise to the acronym used for this method: SIDMS (Speciated isotope dilution MS). This method of analysis is essentially free from interferences and can determine specific species of Chromium by the use of labeled isotopes of Chromium (Cr-50, Cr-52 and Cr-53) for each species (oxidation state), which are detected by their individual retention times. This method works even if the Cr (VI) has degraded to Cr (III) during the sample preparation or analysis. Proponents of this method claim that it is the most reliable method for determining specific oxidation states of metal ions in a variety of matrices.

The total chromium value is the sum of the Cr (III) and Cr (VI) results. Once one knows the Total Chromium (Cr (III) + Cr (VI)) value, and when the Cr (VI) concentration is determined, the Cr (III) can be calculated by difference. In most cases, Cr (III) makes up a large component of the total chromium result, as can be seen in the data presented for this project. Cr (VI) is environmentally and toxicologically important, which is the reason for the analysis.

Standard method 2540G: Total Solids

This is a simple method for determining percent solids of a solid sample. A known mass of sample is dried in an oven for a period of time, and the loss of mass is attributed to water that has been driven off. The dry mass divided by the original mass is calculated and a percent solids value is derived from that result. The initial ("wet") concentration result for an analyte is then divided by the percent solids value to obtain the "dry weight" result.

SPECIFIC DATA PACKAGE INFORMATION

The data package received by the project chemist is 332 pages in length. It is divided into several main sections:

- Introduction and overview
- Sample results and analytical batch information
- QC summary (accuracy and precision)
- Calibration information
- Chain of Custody and sample container summary
- Raw analytical data for four (4)sample analysis batches

All necessary data were present and complied with the detail and completeness required for a Level IV data package. The Project chemist was able to utilize all the contents of the data package in order to perform the level IV data validation process. In addition, the thorough examination of the data deliverables also serves as the Data Verification activity (also known as Contract Compliance Screening, CCS, by some entities).

Sample IDs

The following six samples were submitted for analysis: All sample numbers are preceded by **DAAB**

4882D-048 4882D-049 4882D-050FD 4882D-051 4882D-052 4882D-053

Sample Collection and Receipt

They were all collected on October 8, 2015. All samples were received by the laboratory on October 9, 2015 in good condition.

Sample Preparation and Analysis Dates

Client ID	Lab ID	Batch B151720	Batch B151723	Batch B151675	Batch B151887
DAAB...		Method 2540G-% moisture	Method 200.8-Total Chromium ICP-QQQ-MS	Method 7199 - Chromium (VI) ICP-DRC-MS	Method 6800 - Chromium (VI) SIDMS
4882D-048	1541071-01	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15
4882D-049	1541071-02	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15
4882D-050FD	1541071-03	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15
4882D-051	1541071-04	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15
4882D-052	1541071-05	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15
4882D-053	1541071-06	Prep: 10/20/15 Anal.:10/21/15	Prep: 10/20/15 Anal.:0/24/15	Prep: 10/19/15 Anal.:10/21/15	Prep: 11/02/15 Anal.:11/10/15

QC SUMMARY

QC Indicators

The following QC indicators were employed for these analyses:

- Method blank (MBLK)
- Calibration verification standards (ICV, CCV)
- Matrix spike analysis (MS)
- Matrix Spike Duplicate analyses (MSD)
- Laboratory control samples: Certified reference materials (CRMs) and Standard Reference materials (SRMs), Laboratory fortified Blanks
- Laboratory duplicates (DUP)
- Field Replicate sample analyses

QC results

Each of the above QC indicator results were examine to determine if (a) there were unacceptable results and (b) if so, what effects these unacceptable results would have on the results. "Unacceptable" means that the blank values, MS/MSD % recoveries, laboratory duplicate precision (RPD), SRM and CRM % recoveries are outside of acceptable limits.

The following is the summary of Laboratory QC indicator performance:

- Method blank (MBLK): The Method 7199 Method blanks produced results that are greater than the method detection limits (MDLs). A maximum value of 0.010 mg/kg was obtained. The method 6800 Method blanks also produced results that exceeded the MDLs. A maximum value of 0.023 mg/kg was obtained. Neither blank value has any impact on actual sample results; all sample results were at least 7.5 times these blank values. (All but one result from method 6800 and all the results from method 7199 were at least **10 times** the blank value.) All other blanks for the other methods were acceptable.
- Calibration verification standards (ICV, CCV): All ICV and CCV recoveries were within acceptable ranges of 90-110%.
- Matrix spike analysis (MS): all MS recoveries were within acceptable ranges of 80-120%.
- Matrix Spike Duplicate analyses (MSD): All MSD recoveries were within acceptable ranges of 80-120%.
- Laboratory control samples: (Certified reference materials (CRMs) and Standard Reference materials (SRMs), Laboratory fortified Blanks): All SRM, CRM and Lab fortified blank recoveries were within the acceptable range of 80-120%.
- Laboratory duplicates (DUP): Laboratory duplicate relative percent difference (RPD) values were less than 38%, which is considered acceptable for solid matrix result precision.
- In addition, the samplers collected a field replicate (duplicate) sample, designated as DAAB4882D-050FD, which is the replicate of sample DAAB4882D-049. Duplicate precision is measured by the Relative Percent Difference (RPD) between the pairs of results from the replicate samples. The relative percent difference values were calculated for each analysis performed on the two samples, with the following results:

Total Solids (method 2540G): 0.27 % RPD

Total Chromium (method 200.8): 3.13 % RPD

Cr (VI) (method 7199): 5.41 % RPD

Cr (VI) (Method 6800): 9.58 % RPD

Qualified results based on QC results

Based on the foregoing QC result summary, ***ALL results are considered confident***. No results are qualified in any way. The RPD calculations from the field replicate analyses affirm the reliability of the overall accuracy of the analyses. For soils, the acceptable precision criterion is < 40% RPD. All result pairs easily met this criterion; in fact, easily exceeded the criterion (in a favorable direction - all much less than 40% RPD).

In addition to the examination of all QC indicators, the project chemist also verified all of the results by recalculation of values for methods 2540G, 200.8, and 7199. The method of calculation for results from Method 6800 is patented (proprietary) and was unavailable to this validator at the current time. However, the Laboratory is certified to perform this analysis by a number of States and agencies, which would suggest that the results for method 6800 are correct as reported.

No other data have been qualified in any way.

STATEMENT OF DATA USABILITY

Based on the comprehensive data validation process of the data for this project, all results are considered confident as reported and usable for the intended use of the data. No data are considered compromised or estimated for any reason.

It should be noted that four out of six of the Cr (VI) results generated from method 6800 are up to two times greater than the results generated from method 7199. It is the position of the EPA and other agencies that data generated from method 6800 is very reliable and is the preferred method for determining the speciation of transition metals such as Chromium. Based on this statement, it is recommended that the data user be advised to utilize the results from EPA method 6800 for this project.

Report prepared by: Roy J. Cohen, PhD on: November 23, 2015

Project Chemist, North Wind.

Att: Excel data summary

CHROMIUM DATA - PROJECT DAAB-488-2D-CR6
SECOND SAMPLING EVENT

sample ID	SPL DATE	LAB ID	ANALYTE	RESULT	UNITS	VAL_QUAL	METHOD	DATE PREP	ANALY DATE	BATCH			
DAAB4882D-048	10/8/2015	1541071-01	SOLIDS	82.57	%	=	SM2540G	10/20/2015	10/21/2015	B151720			
DAAB4882D-048	10/8/2015	1541071-01	TOT CR	17.3	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723			
DAAB4882D-048	10/8/2015	1541071-01	CR+6	0.534	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675			
DAAB4882D-048	10/8/2015	1541071-01	CR+6	0.931	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887			
DAAB4882D-049	10/8/2015	1541071-02	SOLIDS	85.77	%	=	SM2540G	10/20/2015	10/21/2015	B151720	Duplicate of DAAB4882D-050FD		
DAAB4882D-049	10/8/2015	1541071-02	TOT CR	12.6	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723	Duplicate of DAAB4882D-050FD		
DAAB4882D-049	10/8/2015	1541071-02	CR+6	0.648	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675	Duplicate of DAAB4882D-050FD		
DAAB4882D-049	10/8/2015	1541071-02	CR+6	0.897	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887	Duplicate of DAAB4882D-050FD		
DAAB4882D-050FD	10/8/2015	1541071-03	SOLIDS	85.54	%	=	SM2540G	10/20/2015	10/21/2015	B151720	DUP RPD =	0.269	%
DAAB4882D-050FD	10/8/2015	1541071-03	TOT CR	13.00	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723	DUP RPD =	3.125	%
DAAB4882D-050FD	10/8/2015	1541071-03	CR+6	0.684	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675	DUP RPD =	5.405	%
DAAB4882D-050FD	10/8/2015	1541071-03	CR+6	0.815	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887	DUP RPD =	9.579	%
DAAB4882D-051	10/8/2015	1541071-04	SOLIDS	89.48	%	=	SM2540G	10/20/2015	10/21/2015	B151720			
DAAB4882D-051	10/8/2015	1541071-04	TOT CR	3.27	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723			
DAAB4882D-051	10/8/2015	1541071-04	CR+6	0.250	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675			
DAAB4882D-051	10/8/2015	1541071-04	CR+6	0.174	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887			
DAAB4882D-052	10/8/2015	1541071-05	SOLIDS	77.93	%	=	SM2540G	10/20/2015	10/21/2015	B151720			
DAAB4882D-052	10/8/2015	1541071-05	TOT CR	11.8	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723			
DAAB4882D-052	10/8/2015	1541071-05	CR+6	0.273	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675			
DAAB4882D-052	10/8/2015	1541071-05	CR+6	0.235	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887			
DAAB4882D-053	10/8/2015	1541071-06	SOLIDS	85.04	%	=	SM2540G	10/20/2015	10/21/2015	B151720			
DAAB4882D-053	10/8/2015	1541071-06	TOT CR	12.6	mg/kg	=	EPA200.8	10/20/2015	10/24/2015	B151723			
DAAB4882D-053	10/8/2015	1541071-06	CR+6	0.674	mg/kg	=	EPA7199	10/19/2015	10/21/2015	B151675			
DAAB4882D-053	10/8/2015	1541071-06	CR+6	0.825	mg/kg	=	EPA6800	11/2/2015	11/10/2015	B151887			

Qualifier Key: = means result is confident and usable for the intended purpose of the data.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720
02/29/2016

MEMORANDUM

SUBJECT: Hexavalent Chromium Soil Analysis
Data Review and Comments
Laboratory Project IDs: N15I011 & 1541071.

FROM: Jeff Wilmoth, Chemist
Office of Quality Assurance
Science and Ecosystem Support Division

THRU: Denise Goddard, Chemist
Office of Quality Assurance
Science and Ecosystem Support Division

TO: Ray Terhune, Chemist
Office of Quality Assurance
Science and Ecosystem Support Division

This memorandum was prepared to provide a summary of the data review findings for the hexavalent chromium analytical data submitted to Region 4 on December 7, 2015, by Brooks Applied Laboratory of Bothell, Washington. As noted below, the soil samples were collected on August 31, 2015 and October 19, 2015, from various locations at the Savannah River Nuclear Site and analyzed using Method 7199. These data sets were originally validated by North Wind, Inc. of Greenville, South Carolina.

Sample Receiving

1) Eleven soil samples were collected on 8/31/15, prepared on 9/9/15 and analyzed on 9/10/15. The second set of six soil samples were collected on 10/8/15, prepared on 10/19/15 and analyzed on 10/21/15. In both cases, the laboratory met the applicable sample preparation and analytical holding times.

2) Soil samples were submitted using one sample entry per Chain of Custody (COC) page. This resulted in seventeen (17) pages of COCs submitted for 17 samples. No explanation was provided in the validation report for using separate COCs for each soil sample. Chain of custodies can accommodate multiple sample entries. Recommend samplers utilize available space on the COCs to reduce the number of COCs needed.

Calibration

N15I011

1) In the initial calibration (ICAL), 150909, the Blank and lowest level standard (0.01 ppb) were analyzed four (4) times. The average peak areas of these four analyses were used as the Blank and 0.010 ppb level entries for the ICAL. Averaging multiple calibration results for ICAL entry is not considered good laboratory practice. All Standards should be evaluated the same.

1541071

2) In the initial calibration (ICAL), 1500790, the Blank and lowest level standard (0.01 ppb) was analyzed four (4) times. The average peak areas of these four analysis were used as the Blank and 0.010 ppb level entries for the ICAL. Averaging multiple calibration results for ICAL entry is not considered good laboratory practice. All Standards should be evaluated the same.

The original data validator did not note this issue on their validation reports.

Traceability of Standards

1) Wording standards could not be traced to their original source.

Calculations

N15I011

1) Sample results for Sample 4882DAB-21 (Lab ID: NC15I011-01) were re-calculated.

$$\frac{50.5\text{mls} * 9.239778\ \mu\text{g/L} \div 0.8987(\%\ \text{solid})}{2.4927\text{g} * 1000} = .20828\ \text{mg/kg}$$

Re-calculated results match what was reported for this sample.

2) Results for Laboratory Fortified Blank (Lab ID: NC00054-BS2) were re-calculated

$$\frac{50.5\text{mls} * 1151.6\ \mu\text{g/L}}{2.5\text{g} * 1000} = 23.262\ \text{mg/kg}$$

Re-calculated results match what was reported.

1541071

1) Sample results for Sample DAAB4882D-048 (Lab ID: 1541071-01) were re-calculated.

$$\frac{50.5\text{mls} * 22.19914\ \mu\text{g/L}}{2.5429\text{g} * 1000} \div 0.8257(\%\ \text{solid}) = 0.5339\ \text{mg/kg}$$

Re-calculated results match what was reported for this sample (0.534mg/kg).

2) Results for Laboratory Fortified Blank (Lab ID: B151675-BS2) were re-calculated

$$\frac{50.5\text{mls} * 923.28\ \mu\text{g/L}}{2.5\text{g} * 1000} = 18.65\ \text{mg/kg}$$

Re-calculated results match what was reported.

Quality Control

N15I011

1) All QC items (LCS, MS/MSD, Duplicates) were within acceptance limits

2) The associated Blanks were all at or below the reported MDL of 0.010 mg/kg.

1541071

1) LCS and MS/MSD recoveries and RPDs were within acceptance limits. The sample duplicate analysis of sample DAAB4882D-049 (DAAB4882D-50FD) resulted in RPD above QC limit of 25. (29%). This was explained in the data validator's case narrative as being attributed to sample matrix non-homogeneity.

2) The associated Blanks were not all at or below the reported MDL of 0.010 mg/kg. However, associated sample results were above 10X the amounts in the blanks, therefore, data was not impacted. NOTE: In this analytical batch, the MDL is listed as 0.002 mg/kg. In the previous submittal from August 2015, the MDL is listed as 0.010 mg/kg. The MRLs in both cases are listed as 0.020 mg/kg. There was no documentation provided explaining the 5X decrease in the MDL in this data set.

Observations

1) The standard preparation logs were not submitted as part of the data package available for this review. Confirmation of SRMs and other Spike standard concentrations could not be assessed.

Conclusion

Based on the information available from the data package submitted for oversight review, the data appears to be suitable for its intended use. However, the issue noted with the initial calibration (averaging the peak areas of the lowest calibration standard) does warrant concern regarding laboratory practices. Although this may not have a direct impact on data quality in this case, this practice can have the appearance of manipulating calibration data and could result in misleading calibration recoveries and acceptance.

If you have any questions concerning these comments, please contact Denise Goddard at (706) 355-8568 or at Goddard.denise@epa.gov.

BAL Response N160323

BROOKS APPLIED LABS
18804 North Creek Parkway, Ste 100, Bothell, WA 98011 · USA · T: 206 632 6206 F: 206 632 6017 · info@brooksapplied.com

March 23, 2016

United States Environmental Protection Agency
Region 4 Science and Ecosystem Support Division
Attn: Denise Goddard
980 College Station Road
Athens, GA 30605-2720
Goddard.Denise@epa.gov

RE: Memorandum dated February 29, 2016

Dr. Goddard,

This document has been prepared in response to the USEPA's memorandum concerning hexavalent chromium data generated by Brooks Applied Labs (BAL) for North Wind, Inc. and issued in Reports N15I011 and 1541071. Brooks Applied Labs is devoted to continually improving the quality of our methods and systems, and therefore welcomes the comments provided to us on behalf of the USEPA.

BAL's standard practice for calibration for hexavalent chromium by ion chromatography inductively coupled plasma dynamic reaction cell mass spectrometry (IC-ICP-DRC-MS) is to analyze a minimum of five standards spanning the linear range of the instrument. For this method, the concentrations of the calibration curve typically span three orders of magnitude. Four replicates of the lowest calibration standard are analyzed, and the average response of the four replicates is used in the calibration. These four replicates are analyzed to allow calculation of a sequence-specific method detection limit (MDL) that more accurately reflects the run-to-run variability of the analyses compared to a traditional yearly MDL study performed in compliance with 40 CFR 136, Appendix B. Finally, the calibration curve itself is generated using an unweighted linear regression forced through zero.

In the sections of the USEPA memorandum entitled *Calibration* and *Conclusion*, it was noted that averaging multiple calibration results is not good laboratory practice. While BAL agrees that such a practice would be inappropriate in certain circumstances, averaging the response of the lowest calibration standard in a multi-point calibration spanning three orders of magnitude has no significant impact on the obtained calibration or sample results. For example, when the calibration applied to Sequence 1500790 for Report 1541071 was changed to include any or all individual response(s) of the replicates of the lowest calibration standard, the calibration slope and calculated sample results changed by less than 0.00001%. Despite the negligible effect of this change, BAL may consider modifying its current calibration procedures for this method. In the meantime, upon client request BAL can instead include in the calibration the individual response of each of the replicates of the lowest calibration standard.

In the sections of the USEPA memorandum entitled *Traceability of Standards* and *Observations* it was noted that the standard preparation logs were absent from the data package, preventing data validators from independently confirming the concentrations of all spiked batch and sequence quality control samples. BAL does document the preparation of all spiked samples, but typically only provides this documentation upon client request. An example of this documentation for the hexavalent chromium results associated with Report 1541071 has been provided in Appendix A of this response. Future Level IV reports for this project can include these standard preparation logs if requested by North Wind Inc.

In the section of the USEPA memorandum entitled *Quality Control*, it was noted that there was no documentation explaining why the MDL for hexavalent chromium for Report 1541071 was 0.002 mg/kg whereas that for Report N15I011 was 0.010 mg/kg. In the *Analytical Issues and Discussion* section of each of these reports, it is briefly mentioned that the MDLs for hexavalent chromium are calculated as three times the standard deviation of the replicate analyses of the lowest standard in the calibration curve. As previously noted in this response, BAL has historically calculated sequence-specific MDLs using these replicates since it has been BAL's stance that such calculations more accurately reflect the variability near the method reporting limit (MRL) for a specific analytical run. Upon client request BAL can instead report results for hexavalent chromium using the most recent MDL study conducted in accordance with 40 CFR 136, Appendix B.

Brooks Applied Labs again appreciates the data review performed by the USEPA Region 4 staff. Any further questions or concerns may be addressed to Ben Wozniak at (206) 753-6158 or ben@brooksapplied.com.

Sincerely,

Ben Wozniak

Ben Wozniak
Project Manager
ben@brooksapplied.com

Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00003

Description:	Chromium (VI) Stock standard	Expires:	08/30/16
Standard Type:	Analyte Spike	Prepared:	08/20/15
Solvent:	Water	Prepared By:	Jen Wallawine
Final Volume (mls):	1	Department:	Speciation
Vials:	1	Last Edit:	10/06/15 09:23 by H_G

Std-01-37-23

Analyte	CAS Number	Concentration	Units
Cr-1 53	7440-47-3	1003	ug/mL
Cr-1 52	7440-47-3	1003	ug/mL
Cr(VI)	18540-29-9	1003	ug/mL
Cr 86 [NH3]	7440-47-3	1003	ug/mL
Cr 68 [O2]	7440-47-3	1003	ug/mL
Cr 54	7440-47-3	1003	ug/mL
Cr 53 [HEHe]	7440-47-3	1003	ug/mL
Cr 53 [He]	7440-47-3	1003	ug/mL
Cr 53	7440-47-3	1003	ug/mL
Cr 52 [O2]	7440-47-3	1003	ug/mL
Cr 52 [HEHe]	7440-47-3	1003	ug/mL
Cr 52 [He]	7440-47-3	1003	ug/mL
Cr 52	7440-47-3	1003	ug/mL
Cr 50	7440-47-3	1003	ug/mL
Cr 103 [NH3]	7440-47-3	1003	ug/mL

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00016

Description:	Chromium (VI) CAL Stock Standard	Expires:	04/03/16
Standard Type:	Analyte Spike	Prepared:	05/01/13
Solvent:	H2O	Prepared By:	Jacki Aitken
Final Volume (mls):	60	Department:	Speciation
Vials:	1	Last Edit:	08/26/15 17:59 by JMA

CAT# 100012-7
Std-01-33-10

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	1000	ug/mL

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Appendix A

HIGH-PURITY STANDARDS
www.highpuritystandards.com

BAL Response N160323
P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

Std-01-33-10

Product Description:

Name:	Chromium^{+6}	Source Material:	Potassium Dichromate
Part Number:	**100012-7**	Material Purity:	99.993%
Lot Number:	**1312101**	Matrix:	H_2O

Certified Value: 1000 µg/mL ± 5 µg/mL

The Certified value is based on gravimetric preparation and verified using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval.

Density: 1.000 g/mL ± 0.002 g/mL @ 23.9°C

Preparation Information:

The highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines. This standard was prepared using methods developed at National Institute of Standards and Technology (NIST) for the preparation of SRM Spectrometric Standard Solutions. The matrix is 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for eighteen months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date:	May 1, 2013
Shipped Date:	10/3/2014
Expiration Date:	4/3/2016
Certificate Issue Date:	May 2, 2013

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used. reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00017

Description:	Chromium (III) ICV Stock Standard	Expires:	04/03/16
Standard Type:	Analyte Spike	Prepared:	07/19/13
Solvent:	2% HCl	Prepared By:	Jacki Aitken
Final Volume (mls):	60	Department:	Speciation
Vials:	1	Last Edit:	10/27/15 11:23 by BJW

CAT#1320012
Std-01-33-11
Standard certified for Cr(III) only!!! Value entered for Cr(VI) for LIMS calculation purposes only!

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	1000	ug/mL
Cr(III)		1000	ug/mL

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00335

Description:	Cr6 1ppm Intermediate Standard CAL	Expires:	09/08/15
Standard Type:	Analyte Spike	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	10	Department:	Speciation
Vials:	1	Last Edit:	09/04/15 10:35 by H_V

Diluent:

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	1	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00016	Chromium (VI) CAL Stock Standard	05/01/13	Jacki Aitken	04/03/16	08/26/15 17:59 by JMA	0.01

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00337

Description:	Cr3 1ppm Intermediate Standard ICV	Expires:	04/03/16
Standard Type:	Analyte Spike	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	10	Department:	Speciation
Vials:	1	Last Edit:	10/27/15 11:24 by BJW

Standard certified for Cr(III) only!!! Value entered for Cr(VI) for LIMS calculation purposes only!
Diluent:
Intermediate Standard make weekly.

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	1	ug/mL
Cr(III)		1	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00017	Chromium (III) ICV Stock Standard	07/19/13	Jacki Aitken	04/03/16	10/27/15 11:23 by BJW	0.01

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00339

Description:	Cr6 10ppb Intermediate Standard CAL	Expires:	04/03/16
Standard Type:	Analyte Spike	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	15	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:16 by H_V

Diluent:
Intermediate Standard make weekly.
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.01	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00335	Cr6 1ppm Intermediate Standard CAL	09/04/15	Helena Vu	09/08/15	09/04/15 10:35 by H_V	0.15

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00340

Description:	Cr6 0.01ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:20 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.00001	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard C	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.005

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00341

Description:	Cr6 0.05ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:20 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.00005	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard CAL	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.025

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00342

Description:	Cr6 0.10ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:21 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.0001	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard CAL	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.05

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BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00343

Description:	Cr6 0.50ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:21 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.0005	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard CAL	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.25

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BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00344

Description:	Cr6 1.0ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:22 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.001	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard CAL	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.5

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00345

Description:	Cr6 5.0ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:22 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.005	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00335	Cr6 1ppm Intermediate Standard CAL	09/04/15	Helena Vu	09/08/15	09/04/15 10:35 by H_V	0.025

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BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00346

Description:	Cr6 10.0ppb CAL	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:22 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.01	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00335	Cr6 1ppm Intermediate Standard CAL	09/04/15	Helena Vu	09/08/15	09/04/15 10:35 by H_V	0.05

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BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00347

Description:	Cr3 2ppb ICV	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	10/27/15 11:24 by BJW

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.002	ug/mL
Cr(III)		0.002	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00337	Cr3 1ppm Intermediate Standard ICV	09/04/15	Helena Vu	04/03/16	10/27/15 11:24 by BJW	0.01

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BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00349

Description:	Cr6 CCV (1.0 ppb)	Expires:	04/03/16
Standard Type:	Calibration Standard	Prepared:	09/04/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	09/10/15 15:24 by H_V

Diluent:
Calibration curve make daily of analysis
9/4/15 by HV

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	0.001	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00339	Cr6 10ppb Intermediate Standard CAL	09/04/15	Helena Vu	04/03/16	09/10/15 15:16 by H_V	0.5

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00366

Description:	NIST 2701-Hexavalent Chromium in Soil	Expires:	09/08/16
Standard Type:	Reference Materia	Prepared:	12/05/06
Solvent:	-	Prepared By:	Helena Vu
Final Volume (mls):	1	Department:	Speciation
Vials:	1	Last Edit:	09/09/15 14:41 by H_V

ASC: STD-01-19-07

Analyte	CAS Number	Concentration	Units	SRM Control Limits
Cr(VI)	18540-29-9	551.2	mg/Kg	75-125

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Appendix A

BAL Response N160323

National Institute of Standards & Technology

Certificate of Analysis

Standard Reference Material® 2701

Hexavalent Chromium in Contaminated Soil (High Level)

This Standard Reference Material (SRM) is intended primarily for use in the analysis of waste, soils, sediments, or other materials of a similar matrix. SRM 2701 is a soil, heavily contaminated with chromite ore processing residue (COPR), which has been air-dried, sieved, radiation-sterilized, and blended to achieve a high degree of homogeneity. All constituents in SRM 2701 for which certified, reference, and information values are provided were naturally present in the material before processing. A unit of SRM 2701 consists of approximately 75 g of the dried, radiation-sterilized material in an amber screw-capped glass bottle.

Certified Values: The certified concentrations of hexavalent chromium, total chromium, iron, and manganese in SRM 2701 are given in Table 1. A NIST certified value is a value for which NIST has the highest confidence in its accuracy in that all known or suspected sources of bias have been investigated or taken into account [1]. The certified values are based on the agreement of results from two or more independent analytical methods. The certified value for hexavalent chromium is the unweighted mean of analytical measurements by NIST and three collaborating laboratories. The value is based on the extraction of hexavalent chromium from the material using an approved U.S. Environmental Protection Agency (EPA) SW-846 analytical method (Method 3060A), which was used by all participating laboratories. The certified values for total chromium and iron are the unweighted means of results from three independent analytical methods at NIST. The certified value for manganese is the unweighted mean of results from two independent analytical methods at NIST.

Reference Values: Reference concentration values for aluminum, calcium, magnesium, potassium, sodium, silicon, titanium, and vanadium are provided in Table 2. Reference values are non-certified values that are the best estimate of the true value; however, the values do not meet NIST criteria for certification and are provided with associated uncertainties that may reflect only measurement precision, may not include all sources of uncertainty, or may reflect a lack of sufficient statistical agreement among multiple analytical methods [1]. The reference values are based on the results of measurements from a single method performed at NIST.

Information Values: Information values for sulfide, total organic carbon (TOC), chemical oxygen demand (COD), pH, and oxidation/reduction potential are provided in Table 3 as additional information on the composition and properties of the material. An information value is considered to be a value that will be of interest and use to the SRM user, but for which insufficient information is available to assess adequately the uncertainty associated with the value, or only a limited number of analyses were performed [1]. The information values are based on measurements from a single collaborating laboratory.

Expiration of Certification: The certification of **SRM 2701** is valid, within the measurement uncertainty specified, until **31 December 2018**, provided the SRM is handled and stored in accordance with instructions given in this certificate (see "Instructions for Use"). The certification is nullified if the SRM is damaged, contaminated, or otherwise modified.

Maintenance of SRM Certification: NIST will monitor this SRM over the period of its certification. If substantive technical changes occur that affect the certification before the expiration of this certificate, NIST will notify the purchaser. Registration (see attached sheet) will facilitate notification.

Coordination of the technical measurements leading to the certification of SRM 2701 was provided by S.E. Long of the NIST Chemical Sciences Division.

Carlos A. Gonzalez, Chief
Chemical Sciences Division

Gaithersburg, MD 20899
Certificate Issue Date: 13 September 2013
Certificate Revision History on Page 4

Robert L. Watters, Jr., Director
Office of Reference Materials

SRM 2701

Analytical measurements at NIST were performed by W.C Davis, W.R. Kelly, S.E. Long, J.L. Mann, A.F. Marlow, K.E. Murphy, R.L. Paul, J.R. Sieber, R.O. Spatz, and R.L. Zeisler of the NIST Chemical Sciences Division.

Measurements for the certification of hexavalent chromium were provided by the following collaborating laboratories: H.M. Kingston of Duquesne University (Pittsburgh, PA), D. Dunlop of TestAmerica (Pittsburgh, PA), and R. Gerads of Applied Speciation and Consulting LLC (Tukwilla, WA). Information values are based on data supplied by C. Armbruster of TestAmerica (Edison, NJ).

A multi-laboratory test on the usage of EPA SW-846 methods for hexavalent chromium, leachable chromium, and total chromium in SRM 2701 was conducted by NIST and NJDEP. The results of the study are summarized in Appendix A.

The material was collected by S.E. Long of the NIST Analytical Chemistry Division and B.S. MacDonald of the Office of Reference Materials in collaboration with S.J. Nagourney of the New Jersey Department of Environmental Protection (NJDEP), Office of Quality Assurance (OQA).

Statistical consultation was provided by Z.Q.J. Lu of the NIST Statistical Engineering Division.

Support aspects involved in the issuance of this SRM were coordinated through the NIST Office of Reference Materials.

NOTICE AND WARNINGS TO USERS[1]

Storage: SRM 2701 must be stored in its original bottle, tightly capped, at temperatures less than 30 °C and away from light.

Handling: This material is a contaminated soil that contains a significant amount of hexavalent chromium. HEXAVALENT CHROMIUM IS A KNOWN CARCINOGEN. Due caution and care should be exercised during its handling and use. This material has been processed to maintain homogeneity and is composed of a particle size distribution that is readily respirable. Stringent precautions should be taken to avoid inhalation of dust during material transfer and in the event of bottle breakage or compromise of the lid seal.

INSTRUCTIONS FOR USE

Use: A minimum sample mass of 200 mg (dry mass – see "Instructions for Drying") should be used for analytical determinations to be related to the certified values on this Certificate of Analysis. Prior to use, the contents of the bottle should be thoroughly mixed by gently rotating the bottle by hand and inverting several times. As this process may generate electrostatic charges, caution should be exercised when opening the bottle to avoid accidental exposure to the contents.

Instructions for Drying: Samples should be dried for 2 h at 110 °C in a laboratory convection oven to obtain a correction factor for moisture. Correction for moisture is to be made to the data before comparison with the certified values. The approximate mass loss on drying has been found to be in the range of 1.9 % to 2.3 % (n = 6), with a mean of 1.93 %.

Source and Preparation of Material: The material was processed by S.A. Wilson of the United States Geological Survey (USGS) under contract to NIST. The source material was chromite ore-contaminated soil from a location in Hudson County, New Jersey. Material was acquired from a three-acre site behind the Interpretative Center at the Liberty Science Center in Liberty State Park, Jersey City, NJ. By means of a mechanical excavator, samples of soil were collected in metal drums fitted with polyethylene liners to prevent contact between the material and the surface of the drums. The drums were then sealed and shipped to USGS (Lakewood, CO) for processing. At USGS, the soil was removed from the drums, transferred onto plastic-lined cardboard trays, and dried in a forced-air oven operating at room temperature for three days. Once dry, the material was transferred into a series of plastic-lined, five-gallon buckets. The material was then mechanically disaggregated using a ceramic auger and grinding bowl. The oversized material was separated from the soil fraction by sieving through a vibrating 2 mm screen. The fraction that was less than 2 mm was then ground in 25 kg batches using a ceramic-lined ball mill and corundum grinding media for a period of 8 h. The ground material was transferred to a series of five-gallon containers and

[1] Certain commercial equipment, instruments or materials are identified in this certificate to adequately specify the experimental procedure. Such identification does not imply recommendation or endorsement by the National Institute of Standards and Technology, nor does it imply that the materials or equipment identified are necessarily the best available for the purpose.

sealed prior to gamma radiation sterilization at an average dosage rate of 39.1 kGy per container. Upon return to USGS, the material was transferred to a 10 ft^3 cross-flow V-blender and allowed to mix for 24 h. The blended material was then finally split into 4 oz. brown glass screw-capped bottles using a custom-designed spinning riffler.

Analytical Methods: The analytical methods used for determination of certified and reference values in SRM 2701 are listed in Table 4.

Homogeneity: The homogeneity of SRM 2701 was assessed by analyzing duplicate samples from 20 bottles selected by stratified random sampling. The material was pressed into briquettes and analyzed by wavelength-dispersive X-ray fluorescence spectrometry using 20 selected elements as indicators. The data were subjected to analysis of variance (ANOVA) testing. The findings for between-bottle heterogeneity indicated that, at the 95 % confidence level, none of the bottles' contents exhibited statistically significant differences from the rest of the population of the sampled bottles with the exception of the copper content. For chromium, the relative standard deviation (RSD) of the measurements was less than 1 % for an estimated sample size of 170 mg. Results for all elements listed in Table 2 also had RSDs of less than 1 %, with the exception of sodium, which had an RSD of 1.9 % for an estimated sample size of 3 mg.

Table 1. Certified Values for Concentrations of Hexavalent Chromium and Selected Elements

	Mass Fraction [a]				
Hexavalent Cr[b]	551.2	mg/kg	±	34.5	mg/kg
Total Cr	4.26	%	±	0.12	%
Fe	23.73	%	±	0.19	%
Mn	0.2137	%	±	0.0014	%

[a] Each certified concentration value, expressed as a mass fraction on a dry-mass basis, is an equally weighted mean of the individual sets of results. The uncertainty in the certified value, calculated according to the method described in the ISO/JCGM Guide [2], is expressed as an expanded uncertainty, U. The expanded uncertainty is calculated as $U = ku_c$, where u_c is intended to represent, at the level of one standard deviation, the combined effects of inherent sources of uncertainty of the measurements and corrections for interferences and species interconversions (hexavalent chromium). The value of the coverage factor, $k = 2$, corresponds to a level of confidence of approximately 95 %.
[b] As determined after extraction using EPA Method 3060A.

Table 2. Reference Values for Concentrations of Selected Elements

Element	Mass Fraction, % [a]			Element	Mass Fraction, % [a]		
Al	5.05	±	0.15	Na	0.255	±	0.005
Ca	7.47	±	0.09	Si	4.17	±	0.04
K	0.174	±	0.007	Ti	0.547	±	0.008
Mg	7.47	±	0.17	V	0.236	±	0.011

[a] Each reference concentration value, expressed as a mass fraction on a dry-mass basis, is an equally weighted mean of the individual sets of results. The uncertainty in the reference value, calculated according to the method described in the ISO/JCGM Guide [2], is expressed as an expanded uncertainty, U. The expanded uncertainty is calculated as $U = ku_c$, where u_c is intended to represent, at the level of one standard deviation, the combined effects of inherent sources of uncertainty of the measurements and corrections for interferences. The value of the coverage factor, $k = 2$, corresponds to a level of confidence of approximately 95 %.

Table 3. Information Values for Selected Species and Properties

Species/Property	Value	Unit
Chemical oxygen demand (COD)	<10	mg/kg
Redox potential	526	mV
Sulfide	<10	mg/kg
Total organic carbon (TOC)	36900	mg/kg
pH	9.6	

Appendix A

BAL Response N160323

Table 4. Analytical Methods Used for Determination of Certified and Reference Values in SRM 2701

Analyte	Methods
Hexavalent Cr	EPA Method 3060A [3] and EPA Method 6800 [3,4] performed at collaborating laboratories
	EPA Method 3060A [3] and speciated isotope dilution inductively coupled plasma mass spectrometry (SID-ICP-MS) [4] performed at NIST
Total Cr	Isotope dilution (ID) ICP-MS [5] performed at NIST
	X-ray fluorescence spectrometry (XRF) following borate fusion preparation performed at NIST
	Instrumental neutron activation analysis (INAA) performed at NIST
Fe	XRF following borate fusion performed at NIST
	INAA performed at NIST
	Prompt gamma activation analysis (PGAA) performed at NIST
Mn	XRF following borate fusion performed at NIST
	INAA performed at NIST
Al, Ca, K, Mg, Na, Si, Ti, V	XRF following borate fusion performed at NIST

REFERENCES

[1] May, W.; Parris, R.; Beck II, C.; Fassett, J.; Greenberg, R.; Guenther, F.; Kramer, G.; Wise, S.; Gills, T.; Colbert, J.; Gettings, R.; MacDonald, B.; *Definition of Terms and Modes Used at NIST for Value-Assignment of Reference Materials for Chemical Measurements*; NIST Special Publication 260-136 (2000); available at http://www.nist.gov/srm/upload/SP260-136.PDF (accessed Sep 2013).

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Certificate Revision History: 13 September 2013 (Extension of certification period; editorial changes); **23 September 2009** (Editorial changes and additional information added to Table A2 in Appendix A); **23 January 2009** (editorial changes); **13 January 2009** (Original certificate date).

Users of this SRM should ensure that the Certificate of Analysis in their possession is current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail srminfo@nist.gov; or via the Internet at http://www.nist.gov/srm.

APPENDIX A

Multi-Laboratory Testing Using Approved U.S. Environmental Protection Agency (EPA) Analytical Methods: Method 3060A, Method 7196A, Method 7199, and Method 6800 (Hexavalent Chromium), Method 3050 (Leachable Chromium), and Method 3052 (Total Chromium)

The certified values of inorganic constituents in most National Institute of Standards and Technology (NIST) chemical composition Standard Reference Materials (SRMs) reflect the total absolute concentration of each measurand in the given SRM matrix. The certified concentrations are based on rigorous measurements obtained by well-characterized primary methods, or two or more independent methods or techniques. If dissolution of the matrix is necessary, the measurement approach generally requires complete sample decomposition, which can usually be achieved in a high-pressure digestion system such as a Carius tube. Alternatively and where applicable, the sample may also be analyzed nondestructively.

For environmental monitoring purposes, the concentrations of labile or extractable fractions of elements are often more useful than total concentrations. Concentrations of labile or extractable fractions are generally determined using relatively mild leach conditions, which are unlikely to totally decompose the sample. Reported concentrations of labile or extractable fractions of elements are generally lower than total absolute concentrations; recovery can be total only if an element in a given sample is completely labile. The recovery of an element as a percentage of the total concentration is a function of several factors that are defined by the sample matrix and the measurement method conditions.

In its monitoring programs, the U.S. EPA has promulgated a number of analytical methods to determine toxic elements, or element species, in soils, sediments, and sludges. The EPA publication SW-846, *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* [3], is the official compendium of analytical and sampling methods compiled by the EPA Office of Solid Waste (OSW). The methods have been evaluated and approved for use in accordance with the 1976 Resource Conservation and Recovery Act (RCRA). SW-846 Methods 3060A, 7196A, 7199, and 6800 are applicable to the measurement of hexavalent chromium, while Methods 3050 and 3052 are applicable to measurements of leachable chromium and total chromium respectively. Method 3060A is currently the best available analytical method for the extraction of hexavalent chromium from solid matrices and preservation of the oxidation state prior to analytical determinations using other finishing methods such as 7196A (colorimetric), 7199 (ion chromatography with post-column derivatization), and 6800 (elemental and speciated isotope dilution mass spectrometry). Method 3060A was used as the common basis for the certified value of hexavalent chromium in SRM 2701. Method 3050 is a strong acid leachable digestion method intended for the dissolution of elements that are environmentally available, while Method 3052 employs microwave-assisted digestion of solid samples, which is intended to provide almost complete decomposition of the sample, including silica, primarily using concentrated nitric acid and hydrofluoric acid combined with microwave heating.

To assess the performance of these SW-846 methods for the determination of hexavalent chromium, leachable chromium, and total chromium in SRM 2701 and to provide data that are relevant to users of these SW-846 methods, a multi-laboratory test was organized jointly by NIST and the New Jersey Department of Environmental Protection (NJDEP), Office of Quality Assurance (OQA) involving 22 participating laboratories listed in Table A1. Stratified random samples of SRM 2701 were distributed to a number of collaborating laboratories who were asked to measure the hexavalent chromium, leachable chromium, and/or total chromium concentrations in the material. Several laboratories provided replicate analyses for each data set from which the mean was calculated. The means of all the data sets forwarded by each laboratory are compiled by method in Table A2 and include summary statistics together with the percent recovery relative to the certified value.

Please note that none of the values in Table A2 are certified; these values are provided as information on the typical relative performance of the various EPA SW-846 methods for the determination of hexavalent chromium and total chromium in SRM 2701. The data should not be used for any other purpose. **The certified values, provided in Table 1 of the Certificate of Analysis, are the best estimates of the true concentrations.**

Table A1. Laboratories Participating in the Multi-laboratory Study of SRM 2701 Usage with SW-846 Methods (Appendix A)

S Nagourney
New Jersey Department of Environmental Protection
Office of Quality Assurance
Trenton, NJ, USA

S. Wilson
U.S. Geological Survey
Lakewood, CO, USA

D. Speis
Accutest Laboratories
Dayton, NJ, USA

L. Call
ALS Laboratory Group
Environmental Division
Smithfield, NSW, Australia

R. Gerads
Applied Speciation and Consulting, LLC
Tukwila, WA, USA

L. Reyes
Columbia Analytical Services
Rochester, NY, USA

D. Thomas
Dionex Corporation
Sunnyvale, CA, USA

H.M. Kingston
Duquesne University
Department of Chemistry and Biochemistry
Pittsburgh, PA, USA

J. DuPont
DHL Analytical, Inc.
Round Rock, TX, USA

B. Goyette
EMT
Morton Grove, IL, USA

C. Huff
Environmental Resource Associates
Arvada, CO, USA

J. Blouin
Direction du Laboratoire des Pollutions Industrielles
Center D-Expertise en Analyse Environmentale du Quebec
Laval, Quebec, Canada

M. Goss
Kentucky Department of Environmental Protection
Frankfort, KY, USA

A. Doupe
Lancaster Laboratories
Lancaster, PA, USA

J. Ghandi
Metrohm-Peak
Houston, TX, USA

V. Shah
City of New York
Department of Environmental Protection
Wards Island, NY, USA

C. Nowlan
Pace Analytical Services, Inc.
Minneapolis, MN, USA

B. Buckley
Rutgers University
Environmental and Occupational Health Sciences Institute
Piscataway, NJ, USA

C. Armbruster
TestAmerica, Edison
Edison, NJ, USA

D. Dunlap
TestAmerica, Pittsburgh
Pittsburgh, PA, USA

M. Nash
Thermo Electron Corporation
Winsford, Cheshire, UK

O.X.N. Donard
University of Pau
HELIOPARC
Pau, France

Table A2. Multi-Laboratory Concentration Data (Dry-Mass Basis) for SRM 2701 by SW-846 Methods

Data Set	Method 7196A Hexavalent Cr mg/kg	Method 7199 Hexavalent Cr mg/kg	Method 6800 Hexavalent Cr mg/kg	Method 3050 Leachable Cr % mass fraction	Method 3052 Total Cr % mass fraction
1	503.8	389.1	553.0	0.294	1.025
2	314.3	354.4	568.7	0.384	
3	415.7	461.6	529.8	0.465	
4	408.7	391.1	549.4	0.514	
5	399.9	405.7	575.2	0.317	
6	326.2	363.3	544.3	0.255	
7	266.0	358.6		0.360	
8	500.5	557.2		0.597	
9	351.7	414.2		0.441	
10	364.9	274.2		0.833	
11	336.7	393.8		0.236	
12	469.2	439.3		0.235	
13	338.4	270.4			
14		368.3			
Mean	**384.3**	**388.7**	**553.4**	**0.411**	**1.025**
SD[a]	73.5	72.1	16.5	0.175	
RSD[b]	19.1	18.5	3.0	42.7	
Median	364.9	390.1	551.2	0.372	
Minimum	266.0	270.4	529.8	0.235	1.025
Maximum	503.8	557.2	575.2	0.833	1.025
# Labs[c]	12	10	3	10	1
# Measurements[d]	13	14	6	12	1
Recovery (%)[e]	69.7	70.5	100.4	9.6	24.1

[a] Standard deviation
[b] Relative standard deviation
[c] Number of laboratories reporting data sets
[d] Number of data sets reported by all laboratories
[e] Mean recovery for the method relative to the certified value expressed as a percentage

Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00442

Description:	Lead Chromate-PbCrO4	Expires:	09/17/16
Standard Type:	Analyte Spike	Prepared:	09/18/15
Solvent:	-	Prepared By:	Misun Chun
Final Volume (mls):	1	Department:	Speciation
Vials:	1	Last Edit:	09/18/15 10:36 by MSC

ACS: STD01-03-12

Analyte	CAS Number	Concentration	Units
Cr(VI)	18540-29-9	160900	mg/Kg

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00492

Description:	Cr6 1ppm Intermediate Standard ICV	Expires:	08/30/16
Standard Type:	Analyte Spike	Prepared:	10/05/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	10	Department:	Speciation
Vials:	1	Last Edit:	10/06/15 09:23 by H_G

Diluent:
Intermediate Standard make weekly.
10/6/15 by HV

Analyte	CAS Number	Concentration	Units
Cr-1 53	7440-47-3	1.003	ug/mL
Cr-1 52	7440-47-3	1.003	ug/mL
Cr(VI)	18540-29-9	1.003	ug/mL
Cr 86 [NH3]	7440-47-3	1.003	ug/mL
Cr 68 [O2]	7440-47-3	1.003	ug/mL
Cr 54	7440-47-3	1.003	ug/mL
Cr 53 [HEHe]	7440-47-3	1.003	ug/mL
Cr 53 [He]	7440-47-3	1.003	ug/mL
Cr 53	7440-47-3	1.003	ug/mL
Cr 52 [O2]	7440-47-3	1.003	ug/mL
Cr 52 [HEHe]	7440-47-3	1.003	ug/mL
Cr 52 [He]	7440-47-3	1.003	ug/mL
Cr 52	7440-47-3	1.003	ug/mL
Cr 50	7440-47-3	1.003	ug/mL
Cr 103 [NH3]	7440-47-3	1.003	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00003	Chromium (VI) Stock standard	08/20/15	Jen Wallawine	08/30/16	10/06/15 09:23 by H_G	0.01

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Appendix A

BAL Response N160323

Analytical Standard Record

Brooks Applied Labs

NC00493

Description:	Cr6 2ppb ICV	Expires:	10/01/16
Standard Type:	Analyte Spike	Prepared:	10/05/15
Solvent:	Diluent	Prepared By:	Helena Vu
Final Volume (mls):	5	Department:	Speciation
Vials:	1	Last Edit:	10/06/15 09:23 by H_G

Diluent:
Calibration curve make daily of analysis
10/6/15 HV

Analyte	CAS Number	Concentration	Units
Cr-1 53	7440-47-3	0.002006	ug/mL
Cr-1 52	7440-47-3	0.002006	ug/mL
Cr(VI)	18540-29-9	0.002006	ug/mL
Cr 86 [NH3]	7440-47-3	0.002006	ug/mL
Cr 68 [O2]	7440-47-3	0.002006	ug/mL
Cr 54	7440-47-3	0.002006	ug/mL
Cr 53 [HEHe]	7440-47-3	0.002006	ug/mL
Cr 53 [He]	7440-47-3	0.002006	ug/mL
Cr 53	7440-47-3	0.002006	ug/mL
Cr 52 [O2]	7440-47-3	0.002006	ug/mL
Cr 52 [HEHe]	7440-47-3	0.002006	ug/mL
Cr 52 [He]	7440-47-3	0.002006	ug/mL
Cr 52	7440-47-3	0.002006	ug/mL
Cr 50	7440-47-3	0.002006	ug/mL
Cr 103 [NH3]	7440-47-3	0.002006	ug/mL

Parent Standards used in this standard:

Standard	Description	Prepared	Prepared By	Expires	Last Edit	(mls)
NC00492	Cr6 1ppm Intermediate Standard ICV	10/05/15	Helena Vu	08/30/16	10/06/15 09:23 by H_G	0.01

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