

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD
OPERATING PROCEDURES, VOL. I**
Manual: C3
Procedure: ER-IDS-019-027
Revision: 5
Effective Date: 06/02/2016
Type-Class: Form
Page: 1 of 3
OLD RADIOACTIVE WASTE BURIAL GROUND (BLDG. 643-E) FIELD INSPECTION CHECKLIST
WORKING COPY

This document is a Working Copy. Prior to start of work, verify this is the latest revision per the Procedure Index.

Charles P. Carter
 Verified By

11-20-18

Date

CAUTION

The Inspector shall IMMEDIATELY notify the Post-Closure Manager and Environmental Compliance Authority if there has been a breach or compromise of the institutional controls of this waste unit. This notification shall be in accordance with Savannah River Site post-closure inspection procedures.

NOTE

1. Manual C3, ER-SOP-019, *Waste Unit Inspection and Maintenance*, shall be referred to for inspection details.
2. Monitoring wells associated with this waste unit are maintained in accordance with EC&ACP Monitoring Well Procedures.
3. Steps in this checklist may be completed concurrently or in any order.

 SCHEDULED
 UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)	A or X	Observation/Corrective Action Taken
1. Verify roads to waste unit are accessible.	X	WEST ROAD NEEDS CURBING. VEGETATION NEEDS REMOVING FROM SIDE OF ROAD. SEE MAP NOTE: ① REF. MAINT. REGISTER PL-2018-00129
2. Verify that the waste unit signs (24) are in acceptable condition, have the correct information* and are legible from a distance of 25 feet.	X	PINE LIMBS BLOCKING WASTE UNIT SIGNS on THE NORTH SIDE. SEE MAP NOTE: ② REF. MAINT. REGISTER PL-2018-00130
3. Verify that fence is in good condition and that unattended gates are locked.	X	FENCE HAS SEVERAL HOLES UNDERNEATH CAUSED BY ANIMALS. SEE MAP NOTE: ③ REF. MAINT. REGISTER PL-2018-00131

Manual: C3
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 Page: 2 of 3

Old Radioactive Waste Burial Ground (Bldg. 643-E) Field Inspection Checklist

 SCHEDULED UNSCHEDULED

A = Satisfactory	A or X	Observation/Corrective Action Taken
X = Unsatisfactory (Explanation required)		
4. Verify there is no unauthorized digging, excavation or construction activities on the soil cover.	A	
5. Check the integrity of drainage ditches for the presence of excessive erosion, sediment buildup, and any debris restricting water flow.	X	DRAINAGE DITCH AT THE HEADWALL HAS SOME EROSION. SEE MAP NOTE (4) REF. MAINT. REGISTER PL-2018-00132
6. Visually inspect the concrete monuments to ensure they are visible and not damaged.	A	
7. Verify that no woody vegetation is growing on the soil cover. Remove or identify as needed.	A	
8. Visually check vegetative cover for grass density with no bare spots more than 3 feet by 3 feet in area. The height of the vegetation should not impair the visual inspection of the soil cover. This will be determined by the Inspector.	A	
9. Check the soil cover for signs of erosion, depression (subsidence) and exposed waste.	A	
10. Check for signs of burrowing animals.	X	ACTIVE ANT MOUNDS ON SOIL COVER. SEE MAP NOTE (5) REF. MAINT. REGISTER PL-2018-00133
11. Other		NO FURTHER ENTRIES CPL. 11-20-18

Inspected By

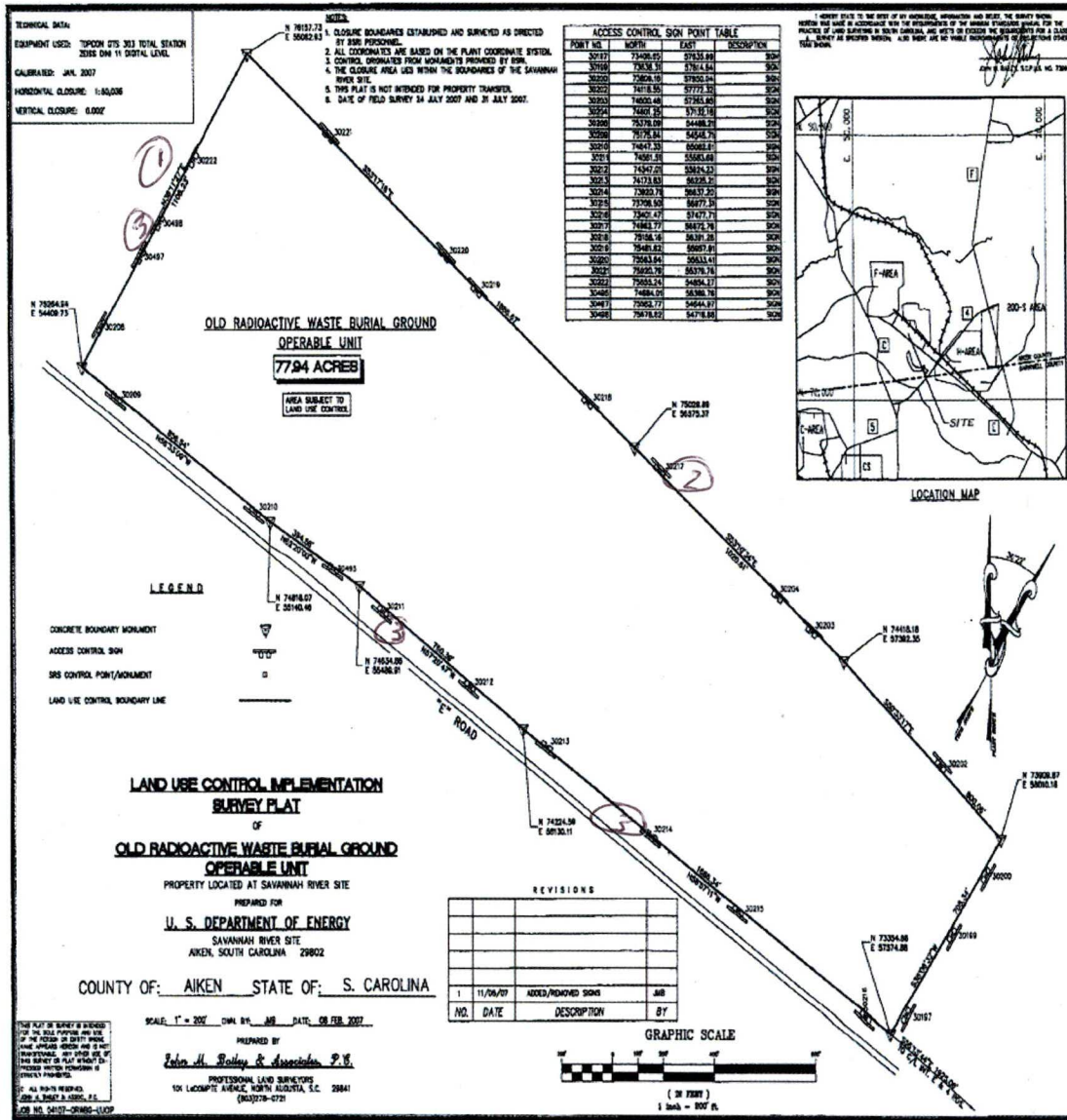
<i>CHARLES R. CARTER</i> (Print Name)	<i>Charles R. Carter</i> (Signature)	11-20-18 (Date)
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Review By Post-Closure Manager

<i>George Joyner</i> (Print Name)	<i>George Joyner</i> (Signature)	12/11/18 (Date)
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Old Radioactive Waste Burial Ground (Bldg. 643-E) Field Inspection Checklist

MAP OLD RADIOACTIVE WASTE BURIAL GROUND (Bldg. 643-E)



NOTES: (1) WEST ROAD NEEDS VEGETATION (LIMBS) CUT. USFS WILL CUT LIMBS FROM ROAD. (2) PINE LIMBS BLOCKING WASTE UNIT SIGN ON THE NORTH SIDE. USFS WILL CUT PINE LIMBS. (3) FENCE HAS SEVERAL HOLES UNDERNEATH CAUSED BY ANIMALS. USFS WILL REPAIR HOLES. TRIANGULAR DITCH AT THE HEAD WALL ADJACENT TO "E" ROAD HAS SOME EROSION. USFS WILL MAKE REPAIRS. (5) ACTIVE ANT MOUNDS ON SOIL COVER. APPLIED 3lbs of EXTINGUISH ANT BAIT.

CPC 11-20-18

POST CLOSURE MAINTENANCE REGISTER

Index Number
Unit Name

18 OLD RADIOACTIVE WASTE BURIAL GROUND 643-E

Watershed FOURMILE BRANCH

AHA # AHA-ER-5534
 Work Order # NA
 Work Group POST CLOSURE MAINTENANCE
 Priority Medium
 RCRA NO

Maintenance Number	PC-2018-00133	Maintenance Status	Complete
Inspection Date	11/20/2018	Chemical Type	NA
Completion Date	11/20/2018	Chemical Name	Extinguish
		Amount Used	3.0 Pounds

Description Of Maintenance Item

Active ant mounds on soil cover

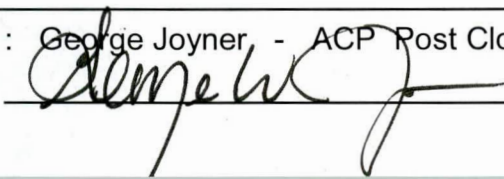
Maintenance Item Corrected

Applied Extinguish ant bait.

Notes New observation.

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

12/11/18

POST CLOSURE MAINTENANCE REGISTER

Index Number
Unit Name

18 OLD RADIOACTIVE WASTE BURIAL GROUND 643-E

Watershed FOURMILE BRANCH

AHA # NA
 Work Order # N/A
 Work Group USFS
 Priority Medium
 RCRA NO

Maintenance Number PC-2018-00129 **Maintenance Status** Complete
Inspection Date 11/20/2018 **Chemical Type** NA
Completion Date 1/9/2019 **Chemical Name**
 Amount Used

Description Of Maintenance Item

West road needs cutting. Vegetation needs removing from the side of the road.

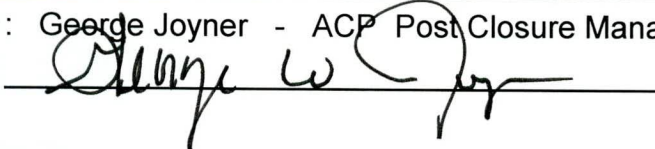
Maintenance Item Corrected

USFS cut road

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

1/24/19

POST CLOSURE MAINTENANCE REGISTER

Index Number
Unit Name

18 OLD RADIOACTIVE WASTE BURIAL GROUND 643-E

Watershed FOURMILE BRANCH

AHA #	NA
Work Order #	N/A
Work Group	USFS
Priority	Medium
RCRA	NO

Maintenance Number	PC-2018-00130	Maintenance Status	Complete
Inspection Date	11/20/2018	Chemical Type	NA
Completion Date	1/23/2019	Chemical Name	
		Amount Used	

Description Of Maintenance Item

Pine limbs blocking waste unit sign on the Northside

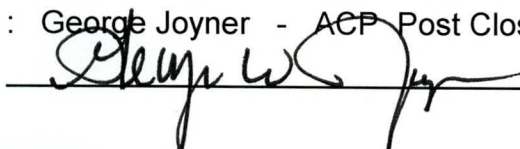
Maintenance Item Corrected

USFS cut pine limbs

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

2/19/19

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

18 OLD RADIOACTIVE WASTE BURIAL GROUND 643-E

Watershed FOURMILE BRANCH

AHA # NA
 Work Order # N/A
 Work Group USFS
 Priority Medium
 RCRA NO

Maintenance Number PC-2018-00131 **Maintenance Status** Complete
Inspection Date 11/20/2018 **Chemical Type** NA
Completion Date 1/23/2019 **Chemical Name**
 Amount Used

Description Of Maintenance Item

perimeter fence has several holes underneath caused by animals.

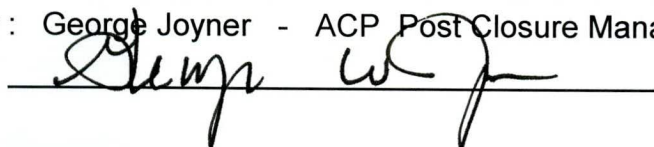
Maintenance Item Corrected

USFS filled holes

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

2/19/19

POST CLOSURE MAINTENANCE REGISTER

Index Number
Unit Name

18 OLD RADIOACTIVE WASTE BURIAL GROUND 643-E

Watershed FOURMILE BRANCH

AHA # NA
 Work Order # N/A
 Work Group USFS
 Priority Medium
 RCRA NO

Maintenance Number	PC-2018-00132	Maintenance Status	Complete
Inspection Date	11/20/2018	Chemical Type	NA
Completion Date	1/23/2019	Chemical Name	
		Amount Used	

Description Of Maintenance Item

Drainage ditch at the head wall adjacent to E road has some erosion

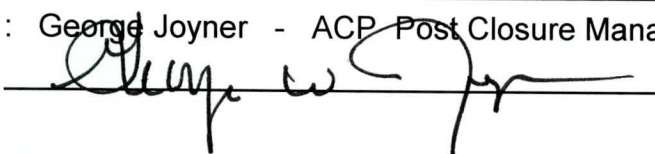
Maintenance Item Corrected

USFS will fill the eroded area with rock

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

2/19/19