



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

JAN 24 2022

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. Jon Richards
Savannah River Remediation Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Federal Facility Agreement (FFA) Revision 1 Appendix E, Long-Term Projections for Fiscal Year (FY) 2022 (Print Date: 01/18/2022) and Savannah River Site's Responses to the Regulatory Comments on the FFA Revision 0 Appendix E for FY2022

In accordance with the terms of Section XIX.C of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS), the U.S. Department of Energy (DOE) is submitting the Revision 1 Appendix E, Long-Term Projections for Fiscal Year (FY) 2022 (Print Date: 01/18/2022) (Enclosure 1) for your review. The South Carolina Department of Health and Environmental Control's (SCDHEC) and U. S. Environmental Protection Agency's (EPA) comments on the Revision 0 Appendix E for FY2022 (Print Date: 11/01/2021) were received on December 20, 2021 and January 3, 2022, respectively. The SRS' responses to the regulatory comments are also enclosed (Enclosures 2 and 3) for your review.

Based on the SRS' responses to the regulatory comments, Appendix E was updated to reflect dates in the regulatorily approved *Second Extension Request for the Submittal of the Early Action Remedial Investigation Work Plan (Revision 0) and Subsequent Milestones in Support of F-Area Operable Unit, SEMS Number: 88* (IACD-22-108, dated November 16, 2021). The EPA and SCDHEC approved the extension request on November 16, 2021 and November 18, 2021, respectively. Appendix E was updated as listed below.

Appendix E.1: The submittal of the Revision 0 Early Action Remedial Investigation Work Plan in Support of F-Area Operable Unit was added with a date of 01/28/2023.

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Appendix E.2: The Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit was added with a date of 01/28/2024.

Appendix E.3: The Field Start, Issue ROD and Remedial Action Start dates were revised to JAN 2024, APR 2027, and JUL 2028, respectively.

SRS personnel are evaluating potential alternatives that could be performed in the near-term in place of the F-Area Operable Unit Early Action and will schedule a meeting with EPA and SCDHEC to discuss the alternatives as soon as possible.

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

Questions from you or your staff may be directed to me at (803) 952-8365.

Sincerely,

Brian T. Hennessey

Digitally signed by Brian T.
Hennessey
Date: 2022.01.24 09:42:09 -05'00'

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

IACD-22-122

Enclosures:

1. Federal Facility Agreement Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2022 (Print Date: 01/18/2022)
2. Savannah River Site's Responses to the South Carolina Department of Health and Environmental Control's Comments on the Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2022 (Print Date: 11/01/2021)
3. Savannah River Site's Responses to the U. S. Environmental Control's Comments on the Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2022 (Print Date: 11/01/2021)

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Ms. Susan Fulmer
Mr. Jon Richards

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cc w/o encl:

J. Blalock, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. Reece, SCDHEC-Columbia
T. R. Fuss, SCDHEC-Aiken Environmental Affairs Office
B. Cameron, SCDHEC-Aiken Environmental Affairs Office
G. O'Quinn, SCDHEC-Aiken Environmental Affairs Office
K. L. Beatty, SCDHEC-Aiken Environmental Affairs Office
H. L. Herlong, SCDHEC-Aiken Environmental Affairs Office

cc w/encl:

D. Lloyd, EPA-Atlanta
R. H. Pope, EPA-Atlanta
C. VanTrees, EPA-Atlanta

Enclosure 1

Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2022
(Print Date: 01/18/2022)

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix E for Fiscal Year 2023 (Commitments for Fiscal Years 2024 & 2025 and Projected ROD Issuance Dates for Fiscal Year 2026+) Submittal	11/15/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Administrative Record File Indices Annual Update for Fiscal Year 2022 Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2022 (Including annual certification of Land Use Control Units) Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment Submittal	12/21/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
Complete Operational Closure of FDB-5 and FDB-6 Diversion Boxes	12/31/2022
SRS Unit Index Number(s): 283 580 1307 1308	SEMS Number(s): 23
Removal Actions Performed in Fiscal Year 2022 Report Submittal	01/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic and/or Stabilization/Solidification Cover Systems	01/26/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): 00

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

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D&D: Deactivation and Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

¹ This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections

E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Building 211-2F, Control and Check House Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1275 SEMS Number(s): 88	01/28/2023
Building 211-3F, Waste Truck Unloading Station Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1276 SEMS Number(s): 88	01/28/2023
Building 211-7F, Chemical Handling Facility Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1277 SEMS Number(s): 88	01/28/2023
Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1279 SEMS Number(s): 88	01/28/2023
Building 222-F, Cold Feed Preparation Area Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1293 SEMS Number(s): 88	01/28/2023
Building 246-F, Equipment Test Facility Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1352 SEMS Number(s): 88	01/28/2023
Building 247-7F, EC Process Building Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1355 SEMS Number(s): 88	01/28/2023
Building 247-8F, Compressed Gas Storage Building Revision 0 Early Action Remedial Investigation Work Plan Submittal in Support of F-Area Operable Unit SRS Unit Index Number(s): 1356 SEMS Number(s): 88	01/28/2023

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Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Early Construction and Operational Disposal Site (ECODS) N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) ¹ Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal	03/20/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
Lower Three Runs Integrator Operable Unit Remedial Action Start	04/24/2023
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2023
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2023
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
A-Area Ash Pile (788-A) and A-Area Coal Pile Runoff Basin (788-3A) Revision 0 Statement of Basis/Proposed Plan Submittal	06/20/2023
SRS Unit Index Number(s): 236 47	SEMS Number(s): 62
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit Effectiveness Monitoring Report Submittal [WSRC-RP-2008-4051 nad WSRC-2008-4049, Reports to be submitted biennially (every 2 years).]	06/30/2023
SRS Unit Index Number(s): 51 566	SEMS Number(s): 31
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report titled updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2023
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59

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Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit Revision 0 Resource Conservation and Recovery Act Facility Investigation/Remedial Investigation Work Plan Submittal	09/22/2023
SRS Unit Index Number(s): 346 225	SEMS Number(s): 61

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Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2024 Submittal	10/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2024 Submittal	10/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix E for Fiscal Year 2024 (Commitments for Fiscal Years 2025 & 2026 and Projected ROD Issuance Dates for Fiscal Year 2027+) Submittal	11/15/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Administrative Record File Indices Annual Update for Fiscal Year 2023 Submittal	12/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2023 (Including annual certification of Land Use Control Units) Submittal	12/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Early Construction and Operational Disposal Site (ECODS) N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building)¹ Operable Unit Issue Record of Decision Remedial Alternative Selection	12/12/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
Revision 0 Seventh Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls Submittal	12/21/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
Removal Actions Performed in Fiscal Year 2023 Report Submittal	01/01/2024
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop Operable Unit Revision 0 Remedial Investigation Work Plan Submittal	01/25/2024
SRS Unit Index Number(s): 1035 1060	SEMS Number(s): 62

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**Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024**

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Building 211-2F, Control and Check House Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1275	SEMS Number(s): 88
Building 211-3F, Waste Truck Unloading Station Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1276	SEMS Number(s): 88
Building 211-7F, Chemical Handling Facility Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1277	SEMS Number(s): 88
Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1279	SEMS Number(s): 88
Building 222-F, Cold Feed Preparation Area Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1293	SEMS Number(s): 88
Building 246-F, Equipment Test Facility Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1352	SEMS Number(s): 88
Building 247-7F, EC Process Building Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1355	SEMS Number(s): 88
Building 247-8F, Compressed Gas Storage Building Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1356	SEMS Number(s): 88

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**Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024**

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Building 247-F, Manufacturing Building Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1357	SEMS Number(s): 88
Building 647-G, Warehouse Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1480	SEMS Number(s): 88
Building 707-2F, Regulated Shops Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1412	SEMS Number(s): 88
Building 723-F, Laundry Facility Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1425	SEMS Number(s): 88
Building 728-F, Uranium Oxide Storage Building Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1426	SEMS Number(s): 88
Building 730-F, Uranium Oxide Storage Building Early Action Remedial Investigation Field Start in Support of F-Area Operable Unit	01/28/2024
SRS Unit Index Number(s): 1428	SEMS Number(s): 88
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal	01/31/2024
SRS Unit Index Number(s): 520	SEMS Number(s): 63
A-Area Ash Pile (788-A) and A-Area Coal Pile Runoff Basin (788-3A) Revision 0 Record of Decision Remedial Alternative Selection Submittal	02/05/2024
SRS Unit Index Number(s): 236 47	SEMS Number(s): 62

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**Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024**

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment	02/08/2024
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
New or Replacement Waste Tank System Components Annual Report Submittal (Including status of bulk waste & heel removal activities for F Area & H Area tanks, F Area & H Area Tank Farm Performance Assessments, F Area & H Area Tank Farm General Closure Plans, operational closure of groups of tanks in F & H Areas, & implementation of Section 3116(a) with respect to F Area & H Area tanks)	03/09/2024
SRS Unit Index Number(s): 283 298	SEMS Number(s): 23 89
Early Construction and Operational Disposal Site (ECODS) L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit Revision 0 Statement of Basis/Proposed Plan Submittal	04/22/2024
SRS Unit Index Number(s): 537 98 99	SEMS Number(s): 91
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2024
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2024
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report title updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2024
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59

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Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, adn -104G) and 108-4R Overflow Basin) (108-4R) Groundwater Operable Unit Mixing Zone Report Submittal [Reference: SRNS-RP-2012-00349, Effective June 30, 2014, reports to be submitted every 4 years (e.g., 2014, 2018, 2022, etc.) with a letter report submitted 2 years after the full report (e.g., 2016, 2020, 2024, etc.)]	06/30/2024
SRS Unit Index Number(s): 121 122 123 124 119 120 42	SEMS Number(s): 25
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Letter Report Submittal (Reference: WSRC-RP-2003-4150, Letter reports will be submitted in even numbered years)	07/31/2024
SRS Unit Index Number(s): 520	SEMS Number(s): 63
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years)	07/31/2024
SRS Unit Index Number(s): 26	SEMS Number(s): 27
L-Area Southern Groundwater (NBN) Operable Unit Effectiveness Monitoring Report Submittal [Reference: SRNS-RP-2012-00857; after 2012, sampling results will be presented in 4-year effectiveness monitoring reports (EMRs) (e.g., 2012, 2016, 2020, etc.) with a 2-year data summary in letter format (e.g., 2014, 2018, 2022, etc.) in between the 4-year EMRs until the maximum contaminant levels have been attained for the L-Area Southern Groundwater monitored natural attenuation remedy. The L-Area Oil and Chemical Basin and L-Area Reactor Seepage Basin monitoring results will reported in the EMR or data summary following each 5-year sampling event.]	08/31/2024
SRS Unit Index Number(s): 487	SEMS Number(s): 77
TNX Area Groundwater Operable Unit 2022 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	08/31/2024
SRS Unit Index Number(s): 25	SEMS Number(s): 21 29
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop Operable Unit Remedial Investigation Field Start	09/30/2024
SRS Unit Index Number(s): 1035 1060	SEMS Number(s): 62
K-Area Ash Basin (188-K) Resource Conservation and Recovery Act Facility Investigation/Remedial Investigation Field Start	09/30/2024
SRS Unit Index Number(s): 300	SEMS Number(s): 90

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E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024**

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit Resource Conservation and Recovery Act Facility Investigation/Remedial Investigation Field Start	09/30/2024
SRS Unit Index Number(s): 346 225	SEMS Number(s): 61

Savannah River Site (SRS) Unit Index Number is a unique identifier assigned to each individual RCRA/CERCLA Unit. This number is used by SRS for tracking and is not meant to imply a ranking or priority.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation & Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

SEMS: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

¹This facility was addressed per Facility Decommissioning Evaluation (FDE) protocols; however, the post-decommissioning facility remnants (including the building slab) will be closed under the FFA as part of this operable unit.

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
Fourmile Branch Watershed			
Integrator Operable Unit			
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN])	AUG 2001	SEP 2064	JAN 2065
Phase III Field Start	MAY 2059		
Periodic Report on the Bioassessment of Savannah River Site Streams ¹²	SEP 2025		
Periodic Report on the Bioassessment of Savannah River Site Streams ¹²	SEP 2032		
Periodic Report on the Bioassessment of Savannah River Site Streams ¹²	SEP 2039		
Periodic Report on the Bioassessment of Savannah River Site Streams ¹²	SEP 2046		
Periodic Report on the Bioassessment of Savannah River Site Streams ¹²	SEP 2053		
SRS Index Number(s): 504			
SEMS Number(s): 84			
RCRA/CERCLA Units			
C-Area Groundwater Operable Unit (NBN) (including Building 108-3C, Fuel Unloading Facilities Power - Area Supv ¹)	MAR 2002	APR 2030	JUL 2031
SRS Index Number(s): 146 2237			
SEMS Number(s): 82			
Central Shops Groundwater Operable Unit (NBN)	DEC 2058	MAR 2062	JUN 2063
SRS Index Number(s): 567			
SEMS Number(s): 98			
ECODS N-1 (South of N Area) (NBN), Central Shops Scrap Lumber Pile (631-2G), and Building 690-N, Process Heat Exchanger Repair Facility (aka Ford Building) ¹ Operable Unit	SEP 2020	DEC 2023	DEC 2024
SRS Index Number(s): 525 244 1828			
SEMS Number(s): 93			
Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 346 225			
SEMS Number(s): 61			

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E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
Site Evaluation Areas			
H-Area Ash Basin (288-H)	DEC 2034		
SRS Index Number(s): 292			
SEMS Number(s): NA			
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
C Area Operable Unit ^{6,9}	SEP 2011	AUG 2044	NOV 2045
SRS Index Number: 577			
SEMS Number: 79			
Building 106-C, Process Water Storage Tank¹			
SRS Index Number(s): 2232			
SEMS Number(s): 79			
Building 107-C, Cooling Water Effluent Sump¹			
SRS Index Number(s): 1178			
SEMS Number(s): 79			
Building 109-C, Storage Basin¹			
SRS Index Number(s): 2233			
SEMS Number(s): 79			
Building 710-C, Pre-Manufactured Metal Shelter			
SRS Index Number(s): 2256			
SEMS Number(s): 79			
Building 717-C, Contaminated Maintenance Facility			
SRS Index Number(s): 1201			
SEMS Number(s): 79			
Building 904-89G, Retention Basin for 100-C Containment¹			
SRS Index Number(s): 2240			
SEMS Number(s): 79			
C Area Operable Unit Final Action		AUG 2044	NOV 2045
SRS Index Number(s): 577			
SEMS Number(s): 79			

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E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
C-Area Process Sewer Lines as Abandoned (NBN)			
SRS Index Number(s): 555			
SEMS Number(s): 79			
C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)			
SRS Index Number(s): 475			
SEMS Number(s): 79			
C-Area Reactor Discharge Canal (NBN)	SEP 2011	AUG 2044	NOV 2045
SRS Index Number(s): 511			
SEMS Number(s): 79			
Containment Tank C803-7-1 (NBN)			
SRS Index Number(s): 2255			
SEMS Number(s): 79			
ECODS C-1 (Near C-Area Reactor Discharge Canal) (NBN)			
SRS Index Number(s): 522			
SEMS Number(s): 79			
Potential Release from C-Area Disassembly Basin (NBN)			
SRS Index Number(s): 240			
SEMS Number(s): 79			
Potential Release from C-Area Reactor Cooling Water System (186/190-C)			
SRS Index Number(s): 242			
SEMS Number(s): 79			
F Area Operable Unit ⁷	SEP 2035	SEP 2039	DEC 2040
SRS Index Number: 579			
SEMS Number: 88			
Building 211-2F, Control and Check House (Early Action)	JAN 2024	APR 2027	JUL 2028
SRS Index Number(s): 1275			
SEMS Number(s): 88			
Building 211-3F, Waste Truck Unloading Station (Early Action)	JAN 2024	APR 2027	JUL 2028
SRS Index Number(s): 1276			
SEMS Number(s): 88			
Building 211-7F, Chemical Handling Facility (Early Action)	JAN 2024	APR 2027	JUL 2028
SRS Index Number(s): 1277			
SEMS Number(s): 88			
Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) (Early Action)	JAN 2024	APR 2027	JUL 2028
SRS Index Number(s): 1279			
SEMS Number(s): 88			

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name Unit Name			
Building 222-F, Cold Feed Preparation Area (Early Action) SRS Index Number(s): 1293 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 246-F, Equipment Test Facility (Early Action) SRS Index Number(s): 1352 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 247-7F, EC Process Building (Early Action) SRS Index Number(s): 1355 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 247-8F, Compressed Gas Storage Building (Early Action) SRS Index Number(s): 1356 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 247-F, Manufacturing Building (Early Action) SRS Index Number(s): 1357 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 647-G, Warehouse (Early Action) SRS Index Number(s): 1480 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 707-2F, Regulated Shops (Early Action) SRS Index Number(s): 1412 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 723-F, Laundry Facility (Early Action) SRS Index Number(s): 1425 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 728-F, Uranium Oxide Storage Building (Early Action) SRS Index Number(s): 1426 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Building 730-F, Uranium Oxide Storage Building (Early Action) SRS Index Number(s): 1428 SEMS Number(s): 88	JAN 2024	APR 2027	JUL 2028
Combined Spills from 221-F (NBN) (Final Action) SRS Index Number(s): 485 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name Unit Name			
F-Area Inactive Process Sewer Lines from Building to the Security Fence (081-1F) (Final Action) SRS Index Number(s): 141 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
F-Area Process Sewer Lines as Abandoned (NBN) (Final Action) SRS Index Number(s): 563 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Low Level Radioactive Drain Lines from F-Area Laboratory and F-Area Laboratory (772-F and -1F) High Activity Tanks C and D (Final Action) SRS Index Number(s): 308 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Sandblast Area CMF-001 (NBN) (Final Action) SRS Index Number(s): 343 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Spill on 02/25/85 of 20000 CM of Water Vapor - Rad (NBN) (Final Action) SRS Index Number(s): 394 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Spill on 04/24/91 of .11 Ci of Pu-239 (NBN) and Spill on 05/26/88 of 10 Gallons of Ethylene Glycol-Rad from F-Area Laboratory (NBN) (Final Action) SRS Index Number(s): 414 429 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Spill on 06/01/59 of <1 CI of Segregated Solvent from 211-F (NBN) (Final Action) SRS Index Number(s): 435 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
F Tank Farm Area Operable Unit SRS Index Number: 580 SEMS Number: 23	FEB 2036	JAN 2040	APR 2041
F-Area Retention Basin (281-8F) SRS Index Number(s): 280 SEMS Number(s): 23	FEB 2036	JAN 2040	APR 2041

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E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
<p>Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)</p> <p>Area Operable Unit or Integrator Operable Unit Name</p> <p>Unit Name</p>			
<p>F-Area Tank Farm, 241-F (including Combined Spills from 242-F, NBN; Spill on 10/01/71 of 100 ft² of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft³ of Rad Contaminated Soil, NBN; F-Area Tank Farm, 241-F [F-Area Tank Farm Groundwater Operable Unit; Spill on 05/01/57 of 125 ft² of Rad Liquid from Solvent Trailer (WMF-008) (formerly Index No. 200); Flush of Feed Pump to 242-F Spill Water in the Ground, 04/01/66 (WMF-017); Tank 19 Contaminated Area (WMF-001 & -002); 242-F Contaminated Area (WMF-003); Tank 7 Contaminated Area (WMF-004); Tank 8 Contaminated Area (WMF-005)]; Spill on 01/19/83 of 1000 ft² of Radioactive Spill, NBN; Spill on 04/14/81 of 3 gal of Contaminated Flush Water-Rad, NBN; Spill on 05/30/78 of Unknown of Sump Overflow, NBN; Spill on 10/16/81 of 30 gal of Low Level Waste from Trailer, NBN; Spill on 06/06/79 of <1 gal of Contaminated Liquid, NBN; Spill on 03/01/66 of 500 ft² of Flush Water-Rad, NBN; Spill on 04/57 of Rad Liquid from Solvent Trailer, NBN; Spill on 05/28/81 of 9000 gal Chromated Water, NBN)</p> <p>SRS Index Number(s): 263 283 376 381 399 431 SEMS Number(s): 23</p>	FEB 2036	JAN 2040	APR 2041
<p>H Area Operable Unit</p> <p>SRS Index Number: 581 SEMS Number: 61</p> <p>Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator)</p> <p>SRS Index Number(s): 1555 SEMS Number(s): 61</p> <p>Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator)</p> <p>SRS Index Number(s): 1666 SEMS Number(s): 61</p> <p>Building 782-1H, Pump House¹</p> <p>SRS Index Number(s): 1727 SEMS Number(s): 61</p> <p>Combined Spills from 211-H (NBN)</p> <p>SRS Index Number(s): 260 SEMS Number(s): 61</p> <p>Combined Spills from 241-84H (NBN)</p> <p>SRS Index Number(s): 261 SEMS Number(s): 61</p> <p>Combined Spills from H-Canyon (NBN)</p> <p>SRS Index Number(s): 512 SEMS Number(s): 61</p> <p>Ditch to Outfall H-012 (Tributary to Fourmile Creek) (NBN)</p> <p>SRS Index Number(s): 274 SEMS Number(s): 61</p>	SEP 2037	JAN 2042	APR 2043

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) Area Operable Unit or Integrator Operable Unit Name Unit Name			
ECODS H-1 (West of H-Area Facilities) (NBN) SRS Index Number(s): 531 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Coal Pile Runoff Basin (289-H) SRS Index Number(s): 79 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Inactive Process Sewer Lines from Building to Manhole P-44 (081-H) SRS Index Number(s): 142 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 591 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Retention Basins and H-Area Retention Basin (Including the Former 281-7H Basin), (281-1H, -2H and -8H) SRS Index Number(s): 294 295 293 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Sandblast Area CMH-001 (NBN) SRS Index Number(s): 344 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 01/12/87 of <100 Gm of Mercury North of 211-H (NBN) SRS Index Number(s): 374 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 02/01/83 of 50 Gal of Oil - Rad (NBN) SRS Index Number(s): 391 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H (NBN) SRS Index Number(s): 332 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043

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Watershed	Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)	Area Operable Unit or Integrator Operable Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
		H Tank Farm Area Operable Unit SRS Index Number: 582 SEMS Number: 89	AUG 2039	FEB 2045	MAY 2046
		H-Area Tank Farm, 241-H (including H-Area Tank Farm, 241-H [H Tank Farm Groundwater Operable Unit; Tank 37 Steam Line Contamination Area, Tank 37 to HDB-6 Capped Transfer Line, Concentrate Transfer System Contamination Area, 242-H Evaporator Contamination Area, Rock Bank Contamination Area, Diversion Box 5 Contamination Area, Tanks 9-12 Contamination Area, Tanks 13-16 Contamination Area, Pump Pits 5 and 6 Contamination Area]; Combined Spills from 241-H, NBN [Spill on 12/29/83 Piping Leak Top of Tank 13, Spill on 09/13/91 of Chromated Water from Underground Line, Spill on 01/06/81 of 10 gal Water from Cesium Removal Column]; Combined Spills from 242-H, NBN [Spill on 06/14/82 of 600-800 gal from Evaporator, Spill on 07/14/82 of 600-800 gal from Evaporator Overhead, Spill from Tank 13 Leak Detection Box, Spill on 02/01/69 of Unknown Waste Tank Spill]; Diversion Box Rad from 907-1H, NBN; Spill on 01/19/80 of Unknown of Chromated Water from H-Area Pump House, NBN; Spill on 11/10/81 of 500 gal Chromated Water from 243-H, NBN; Spill on 04/18/80 of Unknown of Chromated Water from Valve House 3, NBN; Spill on 03/28/87 of <15,000 gal Chromated Water from 241-24H, NBN; Spill on 05/02/85 of 10 gal of Cooling Water from Tank Farm, NBN) SRS Index Number(s): 298 262 264 275 375 403 SEMS Number(s): 89	AUG 2039	FEB 2045	MAY 2046
		N Area Operable Unit ⁷ SRS Index Number: 586 SEMS Number: 93	DEC 2033	MAR 2061	JUN 2062
		Building 711-3N, Pipe Warehouse SRS Index Number(s): 1850 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
		Building 714-6N, Miscellaneous Storage (SYLCOR) SRS Index Number(s): 1861 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
		Building 717-11N, Electrical Lineman's Office/Warehouse SRS Index Number(s): 1869 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
		Building 717-12N, Construction Sort Building SRS Index Number(s): 1870 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
		Building 728-N, Shipping Cask Car and Railroad Car Repair Facility SRS Index Number(s): 1887 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038

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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) Area Operable Unit or Integrator Operable Unit Name Unit Name			
Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area (NBN) SRS Index Number(s): 574 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02) (NBN) SRS Index Number(s): 573 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
N-Area Operable Unit Final Action SRS Index Number(s): 586 SEMS Number(s): 93		MAR 2061	JUN 2062
N-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 565 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
New Salvage Yard (741-G) SRS Index Number(s): 311 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Sandblast Area CMN-001 (NBN) SRS Index Number(s): 354 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038

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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) Area Operable Unit or Integrator Operable Unit Name Unit Name			
Lower Three Runs Watershed			
Integrator Operable Unit			
Lower Three Runs Integrator Operable Unit	MAR 2003	JAN 2022	APR 2023
PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals) (NBN), P-Area Reactor Discharge Canal to PAR Pond (Including Pre-Cooler Ponds) (NBN), and Old R-Area Discharge Canal (NBN) (also known as Joyce Branch)			

SRS Index Number(s): 505 110 312
 SEMS Number(s): 35

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Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
<hr/>			
Pen Branch Watershed			
Integrator Operable Unit			
Pen Branch Integrator Operable Unit (Including Indian Grave Branch [NBN]) ¹²	OCT 2002	SEP 2049	DEC 2049
Phase III Field Start	JUN 2043		
K-Area Reactor Discharge Canal (NBN)			
SRS Index Number(s): 506 460			
SEMS Number(s): 74			
 RCRA/CERCLA Units			
K-Area Ash Basin Operable Unit (188-0K)	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 300			
SEMS Number(s): 90			
K-Area Groundwater Operable Unit (Including K-Area Tritium Anomaly) (NBN)	SEP 2042	MAR 2048	JUN 2049
SRS Index Number(s): 519			
SEMS Number(s): 99			
L-Area Ash Basin (188-0L) Operable Unit	SEP 2025	AUG 2028	NOV 2029
SRS Index Number(s): 148			
SEMS Number(s): 91			
 Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
K Area Operable Unit ⁷	SEP 2034	SEP 2047	DEC 2048
SRS Index Number: 583			
SEMS Number: 90			
Building 901-1K, Polyphosphate Unloading and Storage Facility	SEP 2034	OCT 2039	JAN 2041
SRS Index Number(s): 1762			
SEMS Number(s): 90			
Combined Spills from K-Area Complex, 106-K and 109-K (NBN)	SEP 2034	OCT 2039	JAN 2041
SRS Index Number(s): 514			
SEMS Number(s): 90			

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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas) Area Operable Unit or Integrator Operable Unit Name Unit Name			
K-Area Operable Unit Final Action SRS Index Number(s): 583 SEMS Number(s): 90		SEP 2047	DEC 2048
K-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 572 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
K-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 476 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Disassembly Basin (NBN) SRS Index Number(s): 301 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Reactor Cooling Water System (186/190-K) SRS Index Number(s): 302 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041

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 E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
 Sorted in order of Watershed, Category, and Unit Name

Watershed	Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)	Area Operable Unit or Integrator Operable Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Savannah River Floodplain Swamp Watershed					
Integrator Operable Unit					
	Savannah River and Floodplain Swamp Integrator Operable Unit (Including Beaver Dam Creek [NBN], D-Area Effluent Discharge Canal [NBN], and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D [NBN]) ^{10, 12}		MAY 2001	JUN 2064	SEP 2065
	Phase III Field Start		DEC 2059		
	D-Area Ash Basin Wetlands (NBN) and D-006 Petroleum Release Site (NBN)				
	SRS Index Number(s): 508 569 570				
	SEMS Number(s): 69				
RCRA/CERCLA Units					
	D-Area Groundwater Operable Unit (D-Area Upgradient Sources) (NBN) ¹¹		JUN 2020	MAR 2028	JUN 2029
	SRS Index Number(s): 520				
	SEMS Number(s): 63				
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit					
	D Area Operable Unit ^{2, 3, 8}		SEP 2008	JAN 2046	APR 2047
	SRS Index Number: 578				
	SEMS Number: 63				
	Building 420-2D, Rework Handling Facility				
	SRS Index Number(s): 1212				
	SEMS Number(s): 63				
	Building 420-D, Concentrator Building				
	SRS Index Number(s): 1214				
	SEMS Number(s): 63				
	Building 421-2D, Moderator Handling and Storage				
	SRS Index Number(s): 1215				
	SEMS Number(s): 63				

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
<hr/>			
Building 421-D, Finishing Building			
SRS Index Number(s): 1218			
SEMS Number(s): 63			
Building 772-D, Control Laboratory and Supervisor's Office			
SRS Index Number(s): 1250			
SEMS Number(s): 63			
Combined Spills from 483-D and Associated Areas (NBN)		SEP 2008	JAN 2046 APR 2047
SRS Index Number(s): 265			
SEMS Number(s): 63			
D-Area Asbestos Pit (080-20G)			
SRS Index Number(s): 211			
SEMS Number(s): 63			
D-Area Ash Basin (488-1D)			
SRS Index Number(s): 238			
SEMS Number(s): 63			
D-Area Ash Basin (488-2D)			
SRS Index Number(s): 272			
SEMS Number(s): 63			
D-Area Ash Landfill (488-4D)			
SRS Index Number(s): 548			
SEMS Number(s): 63			
D-Area Coal Pile Runoff Basin (489-D)			
SRS Index Number(s): 69			
SEMS Number(s): 63			
D-Area Operable Unit Final Action		JAN 2046	APR 2047
SRS Index Number(s): 578			
SEMS Number(s): 63			
D-Area Process Sewer Lines as Abandoned (NBN)		SEP 2008	JAN 2046 APR 2047
SRS Index Number(s): 558			
SEMS Number(s): 63			
D-Area Waste Oil Facility (484-10D) ⁴		SEP 2008	JAN 2046 APR 2047
SRS Index Number(s): 70			
SEMS Number(s): 63			

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)	Area Operable Unit or Integrator Operable Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Steel Creek Watershed					
Integrator Operable Unit					
	Steel Creek Integrator Operable Unit (Including Wetland Area at Dunbarton Bay [NBN], L Lake [NBN] and L-Area Reactor Discharge Canal [NBN]) ¹²		SEP 2000	AUG 2064	DEC 2064
	Phase III Field Start		FEB 2059		
	Wetland Area at Dunbarton Bay (NBN) ¹³				
	P-Area Reactor Discharge Canal (NBN)				
	SRS Index Number(s): 509 462				
	SEMS Number(s): 71				
RCRA/CERCLA Units					
	ECODS L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit		SEP 2022	AUG 2025	NOV 2026
	SRS Index Number(s): 537 98 99				
	SEMS Number(s): 91				
	P-Area Groundwater Operable Unit (NBN)		DEC 2013	MAY 2031	JUL 2032
	SRS Index Number(s): 143				
	SEMS Number(s): 81				
Site Evaluation Areas					
	Dunbarton Railroad Yard (NBN)		DEC 2035		
	SRS Index Number(s): 546				
	SEMS Number(s): NA				

Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name Unit Name			
L Area Operable Unit ⁷ SRS Index Number: 584 SEMS Number: 91	SEP 2034	JUL 2063	OCT 2064
Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage ¹ SRS Index Number(s): 1770 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Operable Unit Final Action SRS Index Number(s): 584 SEMS Number(s): 91		JUL 2063	OCT 2064
L-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 560 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 479 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Disassembly Basin (NBN) SRS Index Number(s): 303 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Reactor Cooling Water System (186/190-L) SRS Index Number(s): 305 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
Sorted in order of Watershed, Category, and Unit Name

Watershed	Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)	Area Operable Unit or Integrator Operable Unit Name Unit Name	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Upper Three Runs Watershed					
E-Area Low Level Waste Facility					
	E-Area Low-Level Waste Facility, 643-26E [including Low Level Radioactive Waste Disposal Facility (non-hazardous waste disposal portion of 643-7E) and Combined Spills from 643-G as reported in WSRC-RP-97-419] ⁵			MAR 2063	DEC 2063
	SRS Index Number(s): 592 571 266				
	SEMS Number(s): 86				
Integrator Operable Unit					
	Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) ¹²		MAY 2003	SEP 2063	DEC 2063
	Phase III Field Start		NOV 2057		
	Steed Pond (NBN)				
	SRS Index Number(s): 510 456				
	SEMS Number(s): 70				
RCRA/CERCLA Units					
	A-Area Ash Pile (788-0A) and A-Area Coal Pile Runoff Basin (788-3A) Operable Unit			OCT 2024	JAN 2026
	SRS Index Number(s): 236 47				
	SEMS Number(s): 62				
	Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop Operable Unit		SEP 2024	SEP 2027	DEC 2028
	SRS Index Number(s): 1035 1060				
	SEMS Number(s): 62				
	General Separations Area Eastern Groundwater Operable Unit (NBN)		SEP 2001	FEB 2046	MAY 2047
	SRS Index Number(s): 549				
	SEMS Number(s): 46				
	General Separations Area Western Groundwater Operable Unit (NBN)		SEP 2004	JAN 2043	APR 2044
	SRS Index Number(s): 575				
	SEMS Number(s): 85				

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
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Watershed	Site Evaluation Report Submittal Date or Field Start	ROD Issuance	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)			
Area Operable Unit or Integrator Operable Unit Name			
Unit Name			
Site Evaluation Areas			
Advanced Tactical Training Area (ATTA) Firing Ranges (NBN)	JAN 2052		
SRS Index Number(s): 208			
SEMS Number(s): NA			
F-Area Ash Landfill (288-0F)	DEC 2024		
SRS Index Number(s): 276			
SEMS Number(s): NA			
Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit			
A Area Operable Unit ⁷	SEP 2035	MAY 2056	AUG 2057
SRS Index Number: 576			
SEMS Number: 62			
A-001 Outfall (NBN)	SEP 2035	OCT 2038	JAN 2040
SRS Index Number(s): 481			
SEMS Number(s): 62			
A-Area Operable Unit Final Action		MAY 2056	AUG 2057
SRS Index Number(s): 481			
SEMS Number(s): 62			
A-Area Process Sewer Lines as Abandoned (NBN)	SEP 2035	OCT 2038	JAN 2040
SRS Index Number(s): 562			
SEMS Number(s): 62			
SRL 904-A Process Trench (includes Stormwater Outfall A-002), Spill on 12/01/1971 of 1000 Gallons of Rad Water from SRL, and SRL Mixed Waste Storage Tanks (904-A, NBN, and 776-A)	SEP 2035	OCT 2038	JAN 2040
SRS Index Number(s): 131 387			
SEMS Number(s): 62			
Stormwater Outfall A-024 (NBN)	SEP 2035	OCT 2038	JAN 2040
SRS Index Number(s): 458			
SEMS Number(s): 62			

Revision 1 Appendix E: Fiscal Year 2022 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2025+)
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Watershed	Site Evaluation Report Submittal Date or Field Start	RA Start or Tank Dates
Category (Integrator Operable Unit, Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)		
Area Operable Unit or Integrator Operable Unit Name		
Unit Name		

Savannah River Site (SRS) Index Number is a unique identifier. This number is used by SRS for tracking and is not meant to imply a ranking or priority. SEMS OU Number: The U. S. Environmental Protection Agency's (EPA's) Superfund Enterprise Management System database.

Watershed Designation: An Area Completion may extend into two Watersheds. The center location of the Area Completion grouping was used to determine in which Watershed the Area Completion is listed. The Watershed designation in Appendix E is not meant to represent the true geographical representation. Reference the Federal Facility Agreement (FFA) Appendix C, RCRA/CERCLA Units to determine the actual watershed in which a unit is located.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation and Decommissioning

ECODS: Early Construction and Operational Disposal Site

NBN: No Building Number

RA: Remedial Action

RCRA: Resource Conservation and Recovery Act

ROD: Record of Decision

¹ These facilities were not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, these facilities will receive final disposition as remedial actions conducted as part of the ongoing area completion effort.

² The final remedial decision for D-Area Ash Basin (488-1D), D-Area Ash Basin (488-2D), D-Area Ash Landfill (488-4D), and D-Area Coal Pile Runoff Basin (489-D) are discussed in the Second Early Action ROD for the D-Area Operable Unit (DAOU) (SRNS-RP-2018-00461, Revision 1, July 2020). Therefore, bold text is used to indicate that these units have a final remedial decision.

³ The final remedial decision for Building 420-D, Concentrator Building, Building 421-D, Finishing Building, Building 772-D, Control Laboratory and Supervisor's Office, Building 421-2D, Moderator Handling and Storage, Building 420-2D, Rework Handling Facility, and D-Area Asbestos Pit (080-20G) was discussed in the Early Action ROD for the DAOU (SRNS-RP-2010-00162, Revision 1.2, July 2011). Therefore, bold text is used to indicate that these units have a final remedial decision.

⁴ This entry is for the environmental media associated with the 484-10D Facility.

⁵ This entry includes all Burial Ground Complex facilities that have not previously undergone remedial action/corrective action.

⁶ All of the C-Area Operable Unit (CAOU) subunits, except the C-Area Reactor Discharge Canal (NBN), will be remediated per the Early Action decision documents. The C-Area Reactor Discharge Canal (NBN) will be remediated as part of the CAOU Final Action decision documents. Please note that the C-Area Process Sewer Lines as Abandoned are defined as those pipelines and tanks/structures that are no longer in service. The remaining sewer systems, process lines, and structures that continue to service the C-Area Reactor Building (105-C) Complex will be closed as part of the final action for the CAOU.

⁷ The current milestone dates for the F-Area Operable Unit, N-Area Operable Unit, K-Area Operable Unit, L-Area Operable Unit, and A-Area Operable Unit will be Early Action decision dates. Final action decisions for these area operable units will be associated with the completion of D&D activities in these areas. The scope of the early and final actions be agreed upon by the U. S. Department of Energy (DOE), EPA, and South Carolina Department of Health and Environmental Control (SCDHEC).

⁸ The DAOU Final Action dates are based on the completion of D&D activities in D-Area. Any DAOU subunits not remediated under previous D-Area removal and/or early remedial actions will be part of the DAOU Final Action.

⁹ The final remedial decision for Building 106-C, Process Water Storage Tank, Building 107-C, Cooling Water Effluent Sump, Building 109-C, Storage Basin, Building 710-C, Pre-Manufactured Metal Shelter, Building 717-C, Contaminated Maintenance Facility, Building 904-89G, Retention Basin for 100-C Containment, C-Area Process Sewer Lines as Abandoned (NBN), C-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN), Containment Tank C803-7-1 (NBN), ECODS C-1 (Near C-Area Reactor Discharge Canal) (NBN), Potential Release from C-Area Disassembly Basin (NBN), and Potential Release from C-Area Reactor Cooling Water System (186/190-C) was discussed in the CAOU Early Action ROD (SRNS-RP-2014-00836, Revision 1, May 2015). Therefore, bold text is used to indicate that these units have a final remedial decision.

¹⁰ A separate schedule for the D-Area Effluent Discharge Canal and Ash Area Adjacent to and Easterly of D-Area Ash Basins 488-1D and 488-2D may be developed by the Core Team pending the results of the D-Area Groundwater Operable Unit remedial investigation process.

¹¹ Removal actions will be performed at the D-Area Groundwater Operable Unit in accordance with the Suspension Agreement FFA High-Level Waste (HLW) Tank Milestones, dated November 2017 and subsequent updates.

¹² The *Periodic Report on the Bioassessment of Savannah River Site Streams* will be submitted every 7 years and will address all integrator operable units (IOUs) until the Phase III Field Start for the individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOU discussed in the report. The Lower Three Runs will not be included in the reports since the Phase III Field Start has been achieved.

¹³ By Core Team agreement, the Wetland Area at Dunbarton Bay was divided into two phases: Phase I (North Ash Remediation Area and South Ash Remediation Area [SARA] Zone 1) and Phase 2 (SARA Zones 2, 3, 3a, and 4). Phase I remediation is complete. Phase 2 remediation will be addressed at a later date after completion of an evaluation of ash disposition alternatives.

Enclosure 2

Savannah River Site's Responses to the South Carolina Department of Health and Environmental Control's Comments on the Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2022 (Print Date: 11/01/2021)

Savannah River Site Responses to the
South Carolina Department of Health & Environmental Control Comment on:
Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2022
(Print Date: 11/01/2021) dated November 15, 2021 and received November 16, 2021

Comments Received: December 20, 2021

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General Comments

1. The schedule outlined in Appendix E contains a completion date of 2065 due to continuing missions at the Savannah River Site (SRS); however, the latter years of the schedule continue to contain a significant volume of work to be completed to meet this commitment. The Department is concerned that extending the Area Completion activities out jeopardizes the goals established in the Comprehensive Cleanup Plan and Letter of Support, as well as the overall accelerated cleanup vision for the SRS. The extremely heavy ramping up of work scheduled for the end of the SRS lifecycle may not be achievable from a budget or personnel perspective.

Response: In an effort to continue protection of human health and the environment, the U.S. Department of Energy (DOE) will continue to evaluate early execution of cleanup work. DOE wants to keep the efficiencies that have been gained through the Area Completion approach. Therefore, smaller projects that can be potentially performed ahead of final area completion will be identified for discussion with the U.S. Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) if funding becomes available.

No change to Appendix E is proposed.

Responsible Party: Shelia McFalls, shelia.mcfalls@srs.gov, 803-952-6819

Specific Comment

1. With the regulatory approval to extend the submittal of the Early Action Remedial Investigation Work Plan for F-Area Operable Unit, the Department looks forward to discussing potential alternatives that could be performed in the near-term in place of this milestone and the placement of these alternatives on Appendix D for FY2022 and Appendix E.1 for FY2023, as appropriate.

Response: Agree. The DOE appreciates the time and effort that the EPA and SCDHEC have given with respect to discussions concerning the extension of the F-Area Operable Unit (FAOU) Early Action milestones. Appendix E for Fiscal Year 2022 will be revised to reflect the changes in the dates for the FAOU Early Action milestones as approved in the extension request.

DOE and Environmental Compliance & Area Completion Projects personnel are evaluating potential alternatives that could be performed in the near-term in place of the FAOU Early Action. DOE will schedule a meeting with EPA and SCDHEC to discuss the alternatives as soon as possible.

Responsible Party: Shelia McFalls, shelia.mcfalls@srs.gov, 803-952-6819

Enclosure 3

Savannah River Site's Responses to the U. S. Environmental Control's Comments
on the Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections
for Fiscal Year 2022 (Print Date: 11/01/2021)

Comments Received: January 3, 2022

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General Comments

1. EPA appreciates the efforts in recent years to accelerate some CERCLA projects, especially in the D Area, and we hope that will continue with being notified of the delays in F Area work and until the new HLW tank schedules are worked out. We recognize the Appendix E schedules include through 2065 and a large amount of work remains in the next 40+ years. EPA is concerned like DHEC that extending the Area Completion activities out jeopardizes the goals established in the Comprehensive Cleanup Plan and Letter of Support, as well as the overall accelerated cleanup vision for the SRS.

Response: In an effort to continue protection of human health and the environment, the U.S. Department of Energy (DOE) will continue to evaluate early execution of cleanup work. DOE wants to keep the efficiencies that have been gained through the Area Completion approach. Therefore, smaller projects that can be potentially performed ahead of final area completion will be identified for discussion with the U.S. Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) if funding becomes available.

No change to Appendix E is proposed.

Responsible Party: Shelia McFalls, shelia.mcfalls@srs.gov, 803-952-6819

2. EPA looks forward to discussing the potential alternatives that could be performed in the near-term in place of this Early Action Remedial Investigation Work Plan for F-Area Operable Unit milestone and the placement of these alternatives on Appendix D for FY2022 and Appendix E.1 for FY2023, as appropriate.

Response: Agree. The DOE appreciates the time and effort that the EPA and SCDHEC have given with respect to discussions concerning the extension of the F-Area Operable Unit (FAOU) Early Action milestones. Appendix E for Fiscal Year 2022 will be revised to reflect the changes in the dates for the FAOU Early Action milestones as approved in the extension request.

DOE and Environmental Compliance & Area Completion Projects personnel are evaluating potential alternatives that could be performed in the near-term in place of the FAOU Early Action. DOE will schedule a meeting with EPA and SCDHEC to discuss the alternatives as soon as possible.

Responsible Party: Shelia McFalls, shelia.mcfalls@srs.gov, 803-952-6819