



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

JAN 12 2023

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 2023 (Print Date: 01/09/2023) and Savannah River Site's Responses to the Regulatory Comments on the FFA Revision 0 Appendix E for Fiscal Year 2023 (Print Date: 10/26/2022)

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) 2023 (Print Date: 01/09/2023) (Enclosure 1) for your review. The U.S. Environmental Protection Agency (EPA) approved and the South Carolina Department of Health and Environmental Control (SCDHEC) provided comments on the Revision 0 Appendix E for FY2023 (Print Date: 10/26/2022) on December 14, 2022 and December 19, 2022, respectively. The SRS' responses to the SCDHEC's comments are also enclosed (Enclosure 2) for your review.

Based on SRS' responses to the SCDHEC's comments, Appendix E was updated to reflect the dates in the DOE, SCDHEC, and EPA signed *2022 High Level Waste Tank Milestones Agreement* as stated below.

Appendix E.1 (FY2024)

1. Added "Issue Explanation of Significant Difference for Incorporating F-Area Diversion Boxes 5 and 6 into the Revision 1 Interim Record of Decision Remedial Alternative Selection for the F-Area Tank Farm, Waste Tanks 17 and 20" with a milestone/submittal date of 03/01/2024.

Appendix E.2 (FY2025)

1. Added “Complete Preliminary Cease Waste Removal for One (1) Tank” with a milestone/submittal date of 12/31/2024.

Appendix E.3 (FY2026+)

1. Added the “Complete Preliminary Cease Waste Removal” and “Complete Operational Closure” milestone or deliverable with the dates listed below. In future updates to Appendix E, the milestone or deliverable with the exact date will move to Appendix E.1 and/or Appendix E.2, as applicable. The milestone or deliverable with exact date will also be included in Appendix D, as applicable.

Milestone or Deliverable	Tank Dates
Complete Preliminary Cease Waste Removal for Three (3) Tanks	December 2025
Complete Preliminary Cease Waste Removal for Two (2) Tanks	December 2026
Complete Preliminary Cease Waste Removal for Two (2) Tanks	December 2027
Complete Preliminary Cease Waste Removal for Two (2) Tanks	December 2029
Complete Preliminary Cease Waste Removal for One (1) Tank	December 2030
Complete Preliminary Cease Waste Removal for One (1) Tank	December 2034
Complete Preliminary Cease Waste Removal for One (1) Tank	December 2035
Complete Preliminary Cease Waste Removal for One (1) Tank	December 2036
Complete Preliminary Cease Waste Removal for Two (2) Tanks	December 2037
Complete Operational Closure for Three (3) Tanks	December 2028
Complete Operational Closure for Two (2) Tanks	December 2030
Complete Operational Closure for Three (3) Tanks	December 2031
Complete Operational Closure for One (1) Tank	December 2032
Complete Operational Closure for Two (2) Tanks	December 2033
Complete Operational Closure for One (1) Tank	December 2036
Complete Operational Closure for Four (4) Tanks	December 2037

2. Footnote “7” was removed from the F-Area Operable Unit since there are currently no early actions planned for the area operable unit. In addition, F-Area Operable Unit was removed from the description of the footnote.

Ms. Susan Fulmer
Mr. Jon Richards

JAN 12 2023

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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: 2023.01.12 10:48:30 -05'00'

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

IACD-23-125

Enclosures:

1. Federal Facility Agreement Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2023 (Print Date: 01/09/2023)
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 2023 (Print Date: 10/26/2022)

cc w/o encl:

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

cc w/encl:

J. Dawson, EPA-Atlanta
D. Lloyd, EPA-Atlanta
R. H. Pope, EPA-Atlanta

Enclosure 1

Revision 1 Appendix E, Long-Term Projections for Fiscal Year 2023
(Print Date: 01/09/2023)

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.1: 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
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 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

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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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.

² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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
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
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
Issue Explanation of Significant Difference for Incorporating F-Area Diversion Boxes 5 and 6 into the Revision 1 Interim Record of Decision Remedial Alternative Selection for the F-Area Tank Farm, Waste Tanks 17 and 20	03/01/2024
SRS Unit Index Number(s): 1307 1308	SEMS Number(s): 23
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
Wetland Area at Dunbarton Bay in Support of Steel Creek Integrator Operable Unit Revision 0 Post-Construction Report Addendum Submittal	03/18/2024
SRS Unit Index Number(s): 509	SEMS Number(s): 71

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²This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections

E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Early Construction and Operational Disposal Site L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit Revision 0 Resource Conservation and Recovery Act Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study Submittal	03/22/2024
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 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) and P-Area Burning/Rubble Pit (131-P) 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
R-Area Reactor Seepage Basins (904-57G, -58G, -59G, -60G, -103G, and -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

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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.

² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2024

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal ²	07/31/2024
SRS Unit Index Number(s): 548	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 2023 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
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

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²This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2025

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 2025 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2024
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2025 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2024
A-Area Ash Pile (788-A) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³ SRS Unit Index Number(s): 236 SEMS Number(s): 62	10/02/2024
A-Area Coal Pile Runoff Basin (788-3A) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³ SRS Unit Index Number(s): 47 SEMS Number(s): 62	10/02/2024

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² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2025

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
F-Area Ash Landfill (288-F) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³	10/02/2024
SRS Unit Index Number(s): 276	SEMS Number(s): 88
H-Area Ash Basin (288-H) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³	10/02/2024
SRS Unit Index Number(s): 292	SEMS Number(s): 61
K-Area Ash Basin (188-K) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³	10/02/2024
SRS Unit Index Number(s): 300	SEMS Number(s): 90
L-Area Ash Basin (188-L) in Support of Beneficial Reuse of Select Coal Ash and Coal Fines Operable Units at the Savannah River Site Revision 0 Focused Early Action Corrective Measures Study / Feasibility Study Submittal ³	10/02/2024
SRS Unit Index Number(s): 148	SEMS Number(s): 91

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² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

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Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2025

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
D-Area Ash Basin Wetlands (NBN) in Support of Savannah River and Floodplain Swamp Integrator Operable Unit Revision 0 Focused Corrective Measures Study / Feasibility Study Submittal	10/30/2024
SRS Unit Index Number(s): 569	SEMS Number(s): 69
Revision 0 Appendix E for Fiscal Year 2025 (Commitments for Fiscal Years 2026 & 2027 and Projected ROD Issuance Dates for Fiscal Year 2028+) Submittal	11/15/2024
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2024 (Including annual certification of Land Use Control Units) Submittal	12/01/2024
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
D-Area Groundwater Operable Unit (NBN) Revision 0 Resource Conservation and Recovery Act Facility Investigation / Remedial Investigation with Baseline Risk Assessment Submittal	12/10/2024
SRS Unit Index Number(s): 520	SEMS Number(s): 63

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³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

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Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Lower Three Runs Integrator Operable Unit Revision 0 Post-Construction Report / Remedial Action Completion Report Submittal SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	01/21/2025
Early Construction and Operational Disposal Site 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 SRS Unit Index Number(s): 537 98 99 SEMS Number(s): 91	01/30/2025
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal SRS Unit Index Number(s): 520 SEMS Number(s): 63	01/31/2025
Issue Seventh Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls SRS Unit Index Number(s): N/A SEMS Number(s): 00	02/06/2025

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² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

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SRS Unit Index Number(s): 283 298	SEMS Number(s): 23 89
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop Operable Unit Revision 0 Remedial Investigation Report with Baseline Risk Assessment Submittal	03/11/2025
SRS Unit Index Number(s): 1035 1060	SEMS Number(s): 62
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)	05/31/2025
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides 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)	06/17/2025
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24

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 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.

² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2025

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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 and WSRC-RP-2008-4049, Reports to be submitted biennially (every 2 years).] SRS Unit Index Number(s): 51 566 SEMS Number(s): 31	06/30/2025
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) and P-Area Burning/Rubble Pit (131-P) 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.) SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	06/30/2025
488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal ² SRS Unit Index Number(s): 548 SEMS Number(s): 63	07/31/2025
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Letter Report Submittal (Reference: WSRC-RP-97-422, Letter reports will be submitted in odd numbered years) SRS Unit Index Number(s): 26 SEMS Number(s): 27	07/31/2025

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 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.

² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2025

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Revision 0 Periodic Report on the Bioassessment of Savannah River Site Streams ⁴	09/30/2025
SRS Unit Index Number(s): 504 506 460 508 569 570 509 462 510 456 SEMS Number(s): 84 74 69 71 86	

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 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.

² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.

³ Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

⁴ The *Periodic Report on the Bioassessment of Savannah River Site Streams* addresses all integrator operable units (IOUs) until the Phase III Field Start for each individual IOU. As applicable, the report will reflect the SRS Index Numbers and SEMS Numbers for the IOUs discussed in the report. The Lower Three Runs IOU is not included in the report because the Phase III Field Start has been achieved.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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

High Level Radioactive Waste Tanks

Complete Preliminary Cease Waste Removal for Three (3) Tanks			DEC 2025
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for Two (2) Tanks			DEC 2026
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for Two (2) Tanks			DEC 2027
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for Two (2) Tanks			DEC 2029
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for One (1) Tank			DEC 2030
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for One (1) Tank			DEC 2034
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for One (1) Tank			DEC 2035
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for One (1) Tank			DEC 2036
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Preliminary Cease Waste Removal for Two (2) Tanks			DEC 2037
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			
Complete Operational Closure for Three (3) Tanks			DEC 2028
SRS Index Number(s): N/A			
SEMS Number(s): 23 or 89			

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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)**

**Site
Evaluation
Report
Submittal
Date
or
Field Start**

**ROD
Issuance**

**RA Start
or
Tank Dates**

Area Operable Unit or Integrator Operable Unit Name

Unit Name

Complete Operational Closure for Two (2) Tanks

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2030

Complete Operational Closure for Three (3) Tanks

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2031

Complete Operational Closure for One (1) Tank

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2032

Complete Operational Closure for Two (2) Tanks

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2033

Complete Operational Closure for One (1) Tank

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2036

Complete Operational Closure for Four (4) Tanks

SRS Index Number(s): N/A
SEMS Number(s): 23 or 89

DEC 2037

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 Streams¹² SEP 2032
Periodic Report on the Bioassessment of Savannah River Site Streams¹² SEP 2039
Periodic Report on the Bioassessment of Savannah River Site Streams¹² SEP 2046
Periodic Report on the Bioassessment of Savannah River Site Streams¹² SEP 2053

SRS Index Number(s): 504
SEMS Number(s): 84

RCRA/CERCLA Units

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

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

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

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

H-Area Ash Basin (288-H) Operable Unit ¹⁴

FEB 2027 FEB 2028

SRS Index Number(s): 292
SEMS Number(s): 61

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

C Area Operable Unit ^{6,9}

SEP 2011 OCT 2024 JAN 2025

SRS Index Number: 577
SEMS Number: 79

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

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

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

Field Start

**ROD
Issuance**

**RA Start
or
Tank Dates**

Potential Release from C-Area Reactor Cooling Water System (186/190-C)

SRS Index Number(s): 242
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 Reactor Discharge Canal (NBN)

SEP 2011 AUG 2044 NOV 2045

SRS Index Number(s): 511
SEMS Number(s): 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

Containment Tank C803-7-1 (NBN)

SRS Index Number(s): 2255
SEMS Number(s): 79

C Area Operable Unit Final Action

AUG 2044 NOV 2045

SRS Index Number(s): 577
SEMS Number(s): 79

F Area Operable Unit

SEP 2022 OCT 2026 JAN 2027

SRS Index Number: 579
SEMS Number: 88

Combined Spills from 221-F (NBN)

SEP 2035 SEP 2039 DEC 2040

SRS Index Number(s): 485
SEMS Number(s): 88

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

<p>F-Area Inactive Process Sewer Lines from Building to the Security Fence (081-1F)</p> <p>SRS Index Number(s): 141 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>F-Area Process Sewer Lines as Abandoned (NBN)</p> <p>SRS Index Number(s): 563 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Low Level Radioactive Drain Lines from F-Area Laboratory and F-Area Laboratory (772-F and -1F) High Activity Tanks C and D</p> <p>SRS Index Number(s): 308 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Sandblast Area CMF-001 (NBN)</p> <p>SRS Index Number(s): 343 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Spill on 02/25/85 of 20000 CM of Water Vapor - Rad (NBN)</p> <p>SRS Index Number(s): 394 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>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)</p> <p>SRS Index Number(s): 414 429 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Spill on 06/01/59 of <1 CI of Segregated Solvent from 211-F (NBN)</p> <p>SRS Index Number(s): 435 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells)</p> <p>SRS Index Number(s): 1279 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Building 211-7F, Chemical Handling Facility</p> <p>SRS Index Number(s): 1277 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Building 222-F, Cold Feed Preparation Area</p> <p>SRS Index Number(s): 1293 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>
<p>Building 211-2F, Control and Check House</p> <p>SRS Index Number(s): 1275 SEMS Number(s): 88</p>	<p>SEP 2035</p> <p>SEP 2039</p> <p>DEC 2040</p>

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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
Building 247-7F, EC Process Building SRS Index Number(s): 1355 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 246-F, Equipment Test Facility SRS Index Number(s): 1352 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 723-F, Laundry Facility SRS Index Number(s): 1425 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 247-F, Manufacturing Building SRS Index Number(s): 1357 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 707-2F, Regulated Shops SRS Index Number(s): 1412 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 730-F, Uranium Oxide Storage Building SRS Index Number(s): 1428 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 211-3F, Waste Truck Unloading Station SRS Index Number(s): 1276 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 247-8F, Compressed Gas Storage Building SRS Index Number(s): 1356 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 647-G, Warehouse SRS Index Number(s): 1480 SEMS Number(s): 88	SEP 2035	SEP 2039	DEC 2040
Building 728-F, Uranium Oxide Storage Building SRS Index Number(s): 1426 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

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

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)

FEB 2036 JAN 2040 APR 2041

SRS Index Number(s): 263 283 376 381 399 431
SEMS Number(s): 23

H Area Operable Unit

SRS Index Number: 581
SEMS Number: 61

SEP 2034 SEP 2039 JAN 2040

Combined Spills from 211-H (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 260
SEMS Number(s): 61

Combined Spills from H-Canyon (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 512
SEMS Number(s): 61

Ditch to Outfall H-012 (Tributary to Fourmile Creek) (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 274
SEMS Number(s): 61

ECODS H-1 (West of H-Area Facilities) (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 531
SEMS Number(s): 61

H-Area Coal Pile Runoff Basin (289-H)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 79
SEMS Number(s): 61

H-Area Inactive Process Sewer Lines from Building to Manhole P-44 (081-H)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 142
SEMS Number(s): 61

H-Area Process Sewer Lines as Abandoned (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 591
SEMS Number(s): 61

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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,
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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**

H-Area Retention Basins and H-Area Retention Basin (Including the Former 281-7H Basin),
(281-1H, -2H and -8H)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 294 295 293
SEMS Number(s): 61

Sandblast Area CMH-001 (NBN)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 344
SEMS Number(s): 61

Spill on 10/07/85 of 20,000 Gallons of Contaminated Water from 244-H (NBN)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 332
SEMS Number(s): 61

Spill on 02/01/83 of 50 Gal of Oil - Rad (NBN)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 391
SEMS Number(s): 61

Spill on 01/12/87 of <100 Gm of Mercury North of 211-H (NBN)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 374
SEMS Number(s): 61

Combined Spills from 241-84H (NBN)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 261
SEMS Number(s): 61

Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 1555
SEMS Number(s): 61

Building 782-1H, Pump House¹

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 1727
SEMS Number(s): 61

Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator)

SEP 2037

JAN 2042

APR 2043

SRS Index Number(s): 1666
SEMS Number(s): 61

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
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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

Unit Name

**Site
Evaluation
Report
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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)

AUG 2039 FEB 2045 MAY 2046

SRS Index Number(s): 298 262 264 275 375 403
SEMS Number(s): 89

N Area Operable Unit ⁷

SRS Index Number: 586
SEMS Number: 93

DEC 2033 MAR 2037 JUN 2038

Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area (NBN)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 574
SEMS Number(s): 93

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)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 573
SEMS Number(s): 93

N-Area Process Sewer Lines as Abandoned (NBN)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 565
SEMS Number(s): 93

New Salvage Yard (741-G)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 311
SEMS Number(s): 93

Building 717-12N, Construction Sort Building

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 1870
SEMS Number(s): 93

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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
Building 717-11N, Electrical Lineman's Office/Warehouse SRS Index Number(s): 1869 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 711-3N, Pipe Warehouse SRS Index Number(s): 1850 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
Sandblast Area CMN-001 (NBN) SRS Index Number(s): 354 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

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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			

Lower Three Runs Watershed

Integrator Operable Unit

Lower Three Runs Integrator Operable Unit	MAR 2003	JAN 2022	APR 2023
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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

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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			
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 Groundwater Operable Unit (Including K-Area Tritium Anomaly) (NBN)	SEP 2042	MAR 2048	JUN 2049
SRS Index Number(s): 519			
SEMS Number(s): 99			
K-Area Ash Basin (188-K) Operable Unit ¹⁴		FEB 2027	FEB 2028
SRS Index Number(s): 300			
SEMS Number(s): 90			
L-Area Ash Basin (188-L) Operable Unit ¹⁴		FEB 2027	FEB 2028
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	OCT 2039	JAN 2040
SRS Index Number: 583			
SEMS Number: 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			
K-Area Process Sewer Lines as Abandoned (NBN)	SEP 2034	OCT 2039	JAN 2041
SRS Index Number(s): 572			
SEMS Number(s): 90			

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

K-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)

SEP 2034 OCT 2039 JAN 2041

SRS Index Number(s): 476
SEMS Number(s): 90

Potential Release from K-Area Disassembly Basin (NBN)

SEP 2034 OCT 2039 JAN 2041

SRS Index Number(s): 301
SEMS Number(s): 90

Potential Release from K-Area Reactor Cooling Water System (186/190-K)

SEP 2034 OCT 2039 JAN 2041

SRS Index Number(s): 302
SEMS Number(s): 90

Building 901-1K, Polyphosphate Unloading and Storage Facility

SEP 2034 OCT 2039 JAN 2041

SRS Index Number(s): 1762
SEMS Number(s): 90

K-Area Operable Unit Final Action

SEP 2047 DEC 2048

SRS Index Number(s): 583
SEMS Number(s): 90

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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
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Date
or
Field Start** **ROD
Issuance** **RA Start
or
Tank Dates**

Savannah River Floodplain Swamp Watershed

Integrator Operable Unit

<p>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}</p> <p>Phase III Field Start</p> <p>D-Area Ash Basin Wetlands (NBN)</p> <p>D-006 Petroleum Release Site (NBN)</p> <p>SRS Index Number(s): 508 569 570 SEMS Number(s): 69</p>	<p>MAY 2001 JUN 2064 SEP 2065</p> <p>DEC 2059</p> <p>MAR 2027 MAR 2028</p>
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RCRA/CERCLA Units

<p>D-Area Groundwater Operable Unit (D-Area Upgradient Sources) (NBN)¹¹</p> <p>SRS Index Number(s): 520 SEMS Number(s): 63</p>	<p>JUN 2020 MAR 2028 JUN 2029</p>
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Units and D&D Facilities (or Remnants) Assigned to an Area Operable Unit

<p>D Area Operable Unit^{2, 3, 8}</p> <p>SRS Index Number: 578 SEMS Number: 63</p> <p>D-Area Coal Pile Runoff Basin (489-D)</p> <p>SRS Index Number(s): 69 SEMS Number(s): 63</p> <p>D-Area Process Sewer Lines as Abandoned (NBN)</p> <p>SRS Index Number(s): 558 SEMS Number(s): 63</p> <p>D-Area Waste Oil Facility (484-10D)⁴</p> <p>SRS Index Number(s): 70 SEMS Number(s): 63</p>	<p>SEP 2008 DEC 2016 NOV 2017</p> <p>SEP 2008 JAN 2046 APR 2047</p> <p>SEP 2008 JAN 2046 APR 2047</p>
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Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

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 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 Asbestos Pit (080-20G)

SRS Index Number(s): 211
SEMS Number(s): 63

Building 772-D, Control Laboratory and Supervisor's Office

SRS Index Number(s): 1250
SEMS Number(s): 63

Building 421-2D, Moderator Handling and Storage

SRS Index Number(s): 1215
SEMS Number(s): 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-D, Finishing Building

SRS Index Number(s): 1218
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 Coal Storage Area (484-17D) ¹⁵

SEP 2008

JAN 2046

APR 2047

SRS Index Number(s): 2264
SEMS Number(s): 63

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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			
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		SEP 2023	
P-Area Reactor Discharge Canal (NBN)			
SRS Index Number(s): 509 462			
SEMS Number(s): 71			
RCRA/CERCLA Units			
P-Area Groundwater Operable Unit (NBN)	DEC 2013	MAY 2031	JUL 2032
SRS Index Number(s): 143			
SEMS Number(s): 81			
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	MAY 2026	AUG 2027
SRS Index Number(s): 537 98 99			
SEMS Number(s): 91			
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 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

L Area Operable Unit⁷

SRS Index Number: 584
SEMS Number: 91

SEP 2034 OCT 2040 JAN 2041

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

Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage¹

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

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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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

Unit Name

**Site
Evaluation
Report
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Date
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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

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

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

A-Area Ash Pile (788-A) and A-Area Coal Pile Runoff Basin (788-3A) Operable Unit¹⁴

FEB 2027 FEB 2028

SRS Index Number(s): 236 47
SEMS Number(s): 62

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

F-Area Ash Landfill (288-F) Operable Unit ¹⁴

FEB 2027 FEB 2028

SRS Index Number(s): 276
SEMS Number(s): 88

Site Evaluation Areas

Advanced Tactical Training Area (ATTA) Firing Ranges (NBN)

JAN 2052

SRS Index Number(s): 208
SEMS Number(s): NA

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

A Area Operable Unit ⁷

SRS Index Number: 576
SEMS Number: 62

SEP 2035 MAY 2056 AUG 2057

A-001 Outfall (NBN)

SEP 2035 OCT 2038 JAN 2040

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

A-Area Operable Unit Final Action

MAY 2056 AUG 2057

SRS Index Number(s): 481
SEMS Number(s): 62

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
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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			

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 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 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 each 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 is discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022).

Regulatory milestones have been incorporated into the FFA.

Revision 1 Appendix E: Fiscal Year 2023 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2026+)
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**

¹⁴Beneficial Reuse Coal and Coal Ash Units as described and discussed in the *Preferred Remedial Action and Regulatory Strategy for Remaining Savannah River Site's Coal Ash and Coal Fines Operable Units (U)* (IACD-22-166, dated July 21, 2022). These units have been combined from a remedial decision perspective and will be addressed through one set of FFA documentation as an early action.

¹⁵The 484-17D D-Area Coal Storage Area (DCSA) was dispositioned using the removal action process (refer to Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for the D-Area Coal Storage Area (484-17D) (U) [SRNS-RP-2018-00813, Revision 1, June 2019]), and is considered decommissioned. The final action for 484-17D DCSA will be selected under the final Record of Decision for the D-Area Operable Unit (DAOU). Therefore, it is listed as a subunit of the DAOU.

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 2023 (Print Date: 10/26/2022)

Savannah River Site Responses to
South Carolina Department of Health & Environmental Control Comment on:
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(Print Date: 10/26/22) dated November 15, 2022 and received November 22, 2022.

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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

2. As you are aware, DOE, SCDHEC, and EPA have been engaged in milestone discussions for the High-Level Waste Tanks (HLWT), and the three parties have tentatively agreed to a new schedule. Once the new HLWT Milestone Agreement has been fully executed, the agreed upon milestones should be incorporated into the Revision 1 Appendix E, as appropriate. The Department is encouraged by DOE's commitment to close all fifty-one tanks by 2037. Strong efforts should be made by DOE to ensure adequate funding is provided so that this commitment is met.

Response: Agree. The DOE, SCDHEC, and EPA signed the *2022 High Level Waste Tank Milestones Agreement* on December 20, 2022, December 21, 2022, and December 27, 2022, respectively. The Agreement was added to the Federal Facility Agreement (FFA), Appendix L, *Statements of Dispute Resolution*, to document that the purpose and requirements of the *2019 Suspension Agreement – Federal Facility Agreement (FFA) High Level Waste (HLW) Tank Milestones* have been satisfied. In addition, the milestones listed in the Agreement will be added to FFA Appendices D and E, as applicable. These milestones are associated with (1) submittal and issuance of the F-Area Diversion Boxes FDB-5 and-6 Explanation of Significant Difference to the Interim

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Record of Decision, F-Area Tank Farm, Tanks 17 and 20, (2) Preliminary Cease Waste Removal dates for a specified number of tanks, and (3) Operational Closure dates for a specified number of tanks.

DOE will make strong efforts to ensure that adequate funding is available to reduce the risk to the environment by removing and closing tanks with a goal of completion of the liquid waste program by 2037.

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

3. The Department encourages DOE to take the proper steps to obtain funding for the phased removal action approach for the F-Area Material Storage Building (235-F). According to the September 22, 2022 SRS InSite news article (“SRS Completes Deactivation in Building Used to Produce Fuel for Space Program”), decommissioning will be a multi-year project that is planned to commence in FY2023. The budget for the decommissioning of this facility is substantial and measures for preparing for this expense should be considered. Any CERCLA related documents pertaining to this removal action should be placed on Appendix E as appropriate.

Response: Funding requests for Fiscal Years 2023 and 2024 included the funds needed to begin the initial planning for decommissioning Building 235-F, and near-term funding requests for Fiscal Year 25 and beyond will continue to include funds needed for this important project. DOE appreciates the strong support of SCDHEC and EPA for this significant effort.

No change to Appendix E is proposed.

Responsible Parties: Brian Hennessey, brian.hennessey@srs.gov, 803-952-8365 or Shelia McFalls, shelia.mcfalls@srs.gov, 803-952-6819

4. The Department is looking forward to the Core Team meeting to discuss the modeling results on the C-Area Moderator water and its path forward for in-situ decommissioning in the C-Area Reactor Complex. The Department asks that DOE begin to process for obtaining funding for this early action to support C-Area Reactor Complex closure.

Response: Savannah River Site (SRS) appreciated the opportunity to walk down the C-Area Reactor Moderator Water Storage tanks on December 13, 2022 with EPA and SCDHEC, discussing our modeling strategy for a possible in-situ remedy for this material. DOE plans to sample the moderator and perform fate and transport modeling of its contaminants in Fiscal Year 2023. SRS will convene a Core Team meeting upon completion of the modeling to discuss a path forward for this material, including

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potential early response action as soon as possible in support of C-Area Reactor Complex decommissioning.

No change to Appendix E is proposed.

Responsible Party: Chris Bergren, chris.bergren@srs.gov, 803-952-6530