



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

NOV 15 2018

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

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Federal Facility Agreement Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2019 (Print Date: 10/26/2018)

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 is submitting the Revision 0 Appendix E, Long-Term Projections for Fiscal Year (FY) 2019 (Print Date: 10/26/2018) (Enclosure 1) for your review. The proposed changes or additions below are based on previously agreed commitments or the enclosed implementation schedules.

The enclosed Appendix E maintains progress and protects human health and the environment. We ask that you provide us with an opportunity to discuss any concerns that you may have before providing your comments.

Appendix E.1 (FY2020)

The information listed below reflects changes from the Revision 0 Appendix E for FY2018 – E.2: Deliverables Commitment Dates and Milestone Commitment Dates for FY2020 (Print Date: 11/03/2017, Updated 09/14/2018).

1. Based on the enclosed implementation schedule (Enclosure 2), the Wetland Area at Dunbarton Bay (NBN) Revision 0 Post Construction Report in Support of Steel Creek Integrator Operable Unit Submittal was added with a date of 06/08/2020.
2. Due to a previous inadvertent omission, the Pen Branch Integrator Operable Unit (Including Indian Grave Branch [NBN]) Fifth Phase II Field Start was added with a date of 08/31/2020. This milestone is on the Pen Branch implementation schedule and listed in Appendix E.3.

Appendix E.2 (FY2021)

The information listed below does not include annual or biennial submittals that are required per the FFA or previous regulatory agreements.

1. Based on the D-Area Groundwater Operable Unit (OU) implementation schedule that was submitted with the Revision 0 Appendix E for FY2018 (IACD-18-103, dated November 14, 2017), the documents and submittal dates listed below are included in Appendix E.2.
 - D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment Submittal – 10/08/2020
 - D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Corrective Measures Study/Feasibility Study – 07/20/2021
2. Based on the agreements from the regulatory approved extension request for the Early Action Statement of Basis/Proposed Plan for the D-Area OU (SRNS-RP-2017-00723, Revision 1) and Subsequent Milestones (IACD-18-174, dated August 23, 2018), the milestones and documents and submittal dates are included in Appendix E.2. These milestones and documents are applicable for the D-Area Ash Basins (488-1D and 488-2D), D-Area Ash Landfill (488-4D), and D-Area Coal Pile Runoff Basin (489-D).
 - Issue Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit – 11/10/2020
 - Revision 0 Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal – 11/30/2020
 - Remedial Action Start in Support of D-Area Operable Unit – 09/03/2021
3. Based on the enclosed implementation schedule (Enclosure 3), the Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Engineered Cover Systems Submittal is included with a date of 12/17/2020.
4. Based on the regulatory approved 2018 Update to the Suspension Agreement FFA High-Level Waste Tank Milestones (signed 11/2017) (refer to FFA Appendix L), the D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal is included with a date of 01/31/2021.
5. Based on the implementation schedule submitted with the Revision 0 Appendix E for FY2018 (IACD-18-103, dated November 14, 2017), the Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies is included with a date of 02/08/2021.
6. Based on the implementation schedule submitted with the Revision 0 Appendix E for FY2018 (IACD-18-103, dated November 14, 2017), the A-Area Ash Pile (788-A), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) Operable Unit Revision 0 Interim Record of Decision Remedial Alternative Selection Submittal is included with a date of 03/09/2021.

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7. Based on the implementation schedule that was submitted with the Revision 0 Appendix E for FY2013 (ACP-13-110, dated November 15, 2012) and agreements reached during the September 27, 2017 Additional D-Area Cinder/Ash Areas conference call, the 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]) Revision 0 Periodic Report 5 Submittal is included with a date of 03/30/2021.
8. Based on the enclosed implementation schedule (Enclosure 4), the G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Post-Construction Report/Corrective Measures Implementation Report/Remedial Action Completion Report Submittal is included with a date of 06/22/2021.
9. Based on the implementation schedule that was submitted with the Revision 0 Appendix E for FY2013 (ACP-13-110, dated November 15, 2012), the Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN]) Sixth Phase II Field Start is included with a date of 06/30/2021.
10. Based on the enclosed implementation schedule (Enclosure 5), the Lower Three Runs Integrator Operable Unit Revision 0 Remedial Action Implementation Plan Submittal and Lower Three Runs Integrator Operable Unit Revision 0 Land Use Control Implementation Plan Submittal are included with a date of 02/03/2021.
11. Based on the regulatory approved extension request for the submittal of the Feasibility Study (SRNS-RP-2018-00199, Revision 0) and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IACD-18-141, dated March 15, 2018), the Lower Three Runs Integrator Operable Unit Remedial Action Start is included with a date of 9/28/2021. This milestone is also reflected on the Lower Three Runs implementation schedule (Enclosure 5).
12. The milestone for Complete Operational Closure of Five (5) Tanks by 09/30/2021 was moved from Appendix E.3 to Appendix E.2.

Appendix E.3 (FY2022+)

1. The milestone for Complete Operational Closure of Five (5) Tanks by 09/30/2021 was moved from Appendix E.3 to Appendix E.2.
2. Based on the enclosed Early Construction and Operational Disposal Site (ECODS) L-3, L-Area Rubble Pits (131-1L, 131-4L), L-Area Ash Basin (188-L) OU implementation schedule (Enclosure 6), the Record of Decision Issuance date was revised from 09/2025 to 08/2025 and the Remedial Action Start date was revised from 12/2026 to 11/2026. The original dates were listed without an implementation schedule.

Ms. Susan B. Fulmer
Mr. Jon Richards

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The High-Level Waste (HLW) Tank commitments in this appendix are from Appendix L. Our ability to meet the HLW Tank commitments has been impacted by substantial programmatic issues that have arisen and resulted in adjustments that have been or will be made to the Liquid Waste Program. As we have done in the past, we look forward to continued discussions with you regarding where we are today and our future planning so that we may address these issues in a constructive manner.

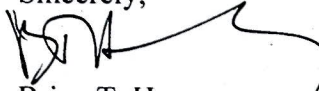
To aid in your review of the Revision 0 Appendix E for FY2019 Enclosures 7 through 10 are also provided:

7. Tally of Milestones for Fiscal Year 2020
8. Tally of Milestones for Fiscal Year 2021
9. Tally of Milestones for Fiscal Years 2019 – 2065
10. FY2019 Area Completion Plan

Please review the enclosures and provide your comments by December 31, 2018. The effort and time that the EPA and SCDHEC 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
SRS Remedial Project Manager
Infrastructure and Area Completion Division

IACD-19-108

Enclosures:

1. Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2019 (Print Date: 10/26/2018)
2. Wetland Area at Dunbarton Bay (WADB) Implementation Schedule
3. Sixth Five-Year Remedy Review Report for Savannah River Site OUs with Engineered Cover Systems Implementation Schedule
4. G-Area Oil Seepage Basin (GOSB) Implementation Schedule
5. Lower Three Runs Integrator Operable Unit Implementation Schedule
6. ECODS L-3 L-Area Rubble Pits (131-1L, 131-4L), L-Area Ash Basin (188-L) OU Implementation Schedule
7. Tally of Milestones for Fiscal Year 2020
8. Tally of Milestones for Fiscal Year 2021
9. Tally of Milestones for Fiscal Years 2019-2065
10. Area Completion Plan

Ms. Susan B. Fulmer
Mr. Jon Richards

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cc w/o encl:

R. Campbell, EPA – Atlanta
R. H. Pope, EPA - Atlanta
D. Scaturo, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
G. O'Quinn, SCDHEC – Aiken Environmental Affairs Office

cc w/encl:

D. Lloyd, EPA - Atlanta
J. Tufts, EPA - Atlanta

Enclosure 1

Revision 0 Appendix E, Long-Term Projections for Fiscal Year 2019
(Print Date: 10/26/2018)

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

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 2020 Submittal	10/01/2019
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2020 Submittal	10/01/2019
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Lower Three Runs Integrator Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal	10/15/2019
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35
Revision 0 Appendix E for Fiscal Year 2020 (Commitments for Fiscal Years 2021 & 2022 and Projected ROD Issuance Dates for Fiscal Year 2023+) Submittal	11/15/2019
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Complete Bulk Waste Removal Efforts for Tank 10H	11/30/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): 89
Administrative Record File Indices Annual Update for Fiscal Year 2019 Submittal	12/01/2019
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Federal Facility Agreement Annual Progress Report for Fiscal Year 2019 (Including annual certification of Land Use Control Units) Submittal	12/01/2019
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Groundwater Remedies Submittal	12/20/2019
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Removal Actions Performed in Fiscal Year 2019 Report Submittal	01/01/2020
SRS Unit Index Number(s): NA	SEMS Number(s): NA
D-Area Groundwater Operable Unit Treatability Study Field Start	01/31/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Native Soil Covers and/or Land Use Controls	02/06/2020
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.

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 not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

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 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Work Plan Submittal	02/14/2020
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
D-Area Ash Basin (488-1D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 238	SEMS Number(s): 63
D-Area Ash Basin (488-2D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 272	SEMS Number(s): 63
D-Area Ash Landfill (488-4D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 548	SEMS Number(s): 63
D-Area Coal Pile Runoff Basin (489-D) Revision 0 Second Early Action Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit Submittal	02/18/2020
SRS Unit Index Number(s): 69	SEMS Number(s): 63
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)	03/09/2020
SRS Unit Index Number(s): 283 298	SEMS Number(s): 23 89
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) Operable Unit (Including Southern Portions of 313-M Inactive Clay Process Sewer Line to Tims Branch [NBN] and Southern Portions of 320-M Inactive Clay Process Sewer Line from the Building Slab to Former Security Fence [NBN]) Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4029, Reports will be submitted annually)	04/02/2020
SRS Unit Index Number(s): 100 234	SEMS Number(s): 19
D-Area Coal Storage Area (484-17D) Removal Action Start in Support of D-Area Groundwater Operable Unit	04/30/2020
SRS Unit Index Number(s): 520 2264	SEMS Number(s): 63

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¹ This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2020

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN]) Revision 0 Periodic Report 6 Submittal	05/30/2020
SRS Unit Index Number(s): 504	SEMS Number(s): 84
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)	05/31/2020
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Wetland Area at Dunbarton Bay (NBN) Revision 0 Post Construction Report in Support of Steel Creek Integrator Operable Unit Submittal	06/08/2020
SRS Unit Index Number(s): 509	SEMS Number(s): 71
Chemicals, Metals, and Pesticides Pits (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)	06/17/2020
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
Issue Lower Three Runs Integrator Operable Unit Record of Decision Remedial Alternative Selection	06/25/2020
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Field Start	06/30/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
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.)	06/30/2020
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59
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.]	06/30/2020
SRS Unit Index Number(s): 487	SEMS Number(s): 77

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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¹ This facility was not addressed per Facility Decommissioning Evaluation (FDE) protocols; however, this facility will receive final disposition as a remedial action conducted as part of an ongoing characterization/remedial action.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2021

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 2021 Submittal	10/01/2020
SRS Unit Index Number(s): NA	SEMS Number(s): NA
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2021 Submittal	10/01/2020
SRS Unit Index Number(s): NA	SEMS Number(s): NA
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment Submittal	10/08/2020
SRS Unit Index Number(s): 520	SEMS Number(s): 63
Issue D-Area Ash Basin (488-1D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 238	SEMS Number(s): 63
Issue D-Area Ash Basin (488-2D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 272	SEMS Number(s): 63
Issue D-Area Ash Landfill (488-4D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 548	SEMS Number(s): 63
Issue D-Area Coal Pile Runoff Basin (489-D) Second Record of Decision Remedial Alternative Selection in Support of D-Area Operable Unit	11/10/2020
SRS Unit Index Number(s): 69	SEMS Number(s): 63
Revision 0 Appendix E for Fiscal Year 2021 (Commitments for Fiscal Years 2022 & 2023 and Projected ROD Issuance Dates for Fiscal Year 2024+) Submittal	11/15/2020
SRS Unit Index Number(s): NA	SEMS Number(s): NA
D-Area Ash Basin (488-1D) Revision 0 Second Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 238	SEMS Number(s): 63
D-Area Ash Basin (488-2D) Revision 0 Second Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 272	SEMS Number(s): 63
D-Area Ash Landfill (488-4D) Revision 0 Land Use Control Implementation Plan in Support of D-Area Operable Unit Submittal	11/30/2020
SRS Unit Index Number(s): 548	SEMS Number(s): 63

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 & 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.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2021

Deliverable or Milestone:	Milestone/ Submittal Date (MM/DD/YYYY)
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]) Revision 0 Periodic Report 5 Submittal SRS Unit Index Number(s): 508 569 570 SEMS Number(s): 69	03/30/2021
M-Area Settling Basin Inactive Process Sewers to Manhole 1 (081-M) Operable Unit (Including Southern Portions of 313-M Inactive Clay Process Sewer Line to Tims Branch [NBN] and Southern Portions of 320-M Inactive Clay Process Sewer Line from the Building Slab to Former Security Fence [NBN]) Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4029, Reports will be submitted annually) SRS Unit Index Number(s): 100 234 SEMS Number(s): 19	04/02/2021
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) SRS Unit Index Number(s): 46 45 49 101 102 237 SEMS Number(s): 28	05/31/2021
Chemicals, Metals, and Pesticides Pit (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) SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24	06/17/2021
G-Area Oil Seepage Basin (761-13G) Operable Unit Revision 0 Post-Construction Report/Corrective Measures Implementation Report/Remedial Action Completion Report Submittal SRS Unit Index Number(s): 77 SEMS Number(s): 93	06/22/2021
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	06/30/2021
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN]) Sixth Phase II Field Start SRS Unit Index Number(s): 504 SEMS Number(s): 84	06/30/2021
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.) SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59	06/30/2021

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 & 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.

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

Fourmile Branch Watershed

High Level Radioactive Waste Tanks

Complete Operational Closure of Seven (7) Tanks

SEP 2022

SRS Index Number(s): NA
SEMS Number(s): 23 or 89

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 I Field Start	DEC 2001
First Phase II Field Start	SEP 2003
Second Phase II Field Start	NOV 2006
Third Phase II Field Start	DEC 2008
Fourth Phase II Field Start	NOV 2012
Fifth Phase II Field Start	JUN 2017
Sixth Phase II Field Start	JUN 2021
Seventh Phase II Field Start	JUN 2025
Eighth Phase II Field Start	MAR 2029
Phase III Field Start	MAY 2059

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 2027 JUL 2028

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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
 E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
 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**

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

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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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 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

SRS Index Number: 579
SEMS Number: 88

SEP 2022 SEP 2039 DEC 2040

Building 211-2F, Control and Check House

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1275
SEMS Number(s): 88

Building 211-3F, Waste Truck Unloading Station

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1276
SEMS Number(s): 88

Building 211-7F, Chemical Handling Facility

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1277
SEMS Number(s): 88

Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1279
SEMS Number(s): 88

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

Building 222-F, Cold Feed Preparation Area

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1293
SEMS Number(s): 88

Building 246-F, Equipment Test Facility

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1352
SEMS Number(s): 88

Building 247-7F, EC Process Building

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1355
SEMS Number(s): 88

Building 247-8F, Compressed Gas Storage Building

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1356
SEMS Number(s): 88

Building 247-F, Manufacturing Building

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1357
SEMS Number(s): 88

Building 647-G, Warehouse

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1480
SEMS Number(s): 88

Building 707-2F, Regulated Shops

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1412
SEMS Number(s): 88

Building 723-F, Laundry Facility

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1425
SEMS Number(s): 88

Building 728-F, Uranium Oxide Storage Building

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1426
SEMS Number(s): 88

Building 730-F, Uranium Oxide Storage Building

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 1428
SEMS Number(s): 88

Combined Spills from 221-F (NBN)

SEP 2022 OCT 2026 JAN 2028

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

F-Area Inactive Process Sewer Lines from Building to the Security Fence (081-1F)

SEP 2022 OCT 2026 JAN 2028

SRS Index Number(s): 141
SEMS Number(s): 88

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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 Operable Unit Final Action

SRS Index Number(s): 579
SEMS Number(s): 88

SEP 2039 DEC 2040

F-Area Process Sewer Lines as Abandoned (NBN)

SRS Index Number(s): 563
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Low Level Radioactive Drain Lines from F-Area Laboratory and
F-Area Laboratory High Activity Tanks C and D (772-F and -1F)

SRS Index Number(s): 308
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Sandblast Area CMF-001 (NBN)

SRS Index Number(s): 343
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Spill on 02/25/85 of 20000 CM of Water Vapor - Rad (NBN)

SRS Index Number(s): 394
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

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)

SRS Index Number(s): 414 429
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

Spill on 06/01/59 of <1 CI of Segregated Solvent from 211-F (NBN)

SRS Index Number(s): 435
SEMS Number(s): 88

SEP 2022 OCT 2026 JAN 2028

F Tank Farm Area Operable Unit

SRS Index Number: 580
SEMS Number: 23

FEB 2036 JAN 2042 APR 2043

F-Area Retention Basin (281-8F)

SRS Index Number(s): 280
SEMS Number(s): 23

FEB 2036 JAN 2042 APR 2043

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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 2042 APR 2043

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 2037 JAN 2042 APR 2043

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 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator) Early Remedial Action

SEP 2023 SEP 2024

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

Building 782-1H, Pump House¹

SEP 2037 JAN 2042 APR 2043

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

Combined Spills from 211-H (NBN)

SEP 2037 JAN 2042 APR 2043

SRS Index Number(s): 260
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

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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

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

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 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

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 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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

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 2061 JUN 2062

Building 711-3N, Pipe Warehouse

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 1850
SEMS Number(s): 93

Building 714-6N, Miscellaneous Storage (SYLCOR)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 1861
SEMS Number(s): 93

Building 717-11N, Electrical Lineman's Office/Warehouse

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 1869
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

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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

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 Operable Unit Final Action

MAR 2061 JUN 2062

SRS Index Number(s): 586
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

Sandblast Area CMN-001 (NBN)

DEC 2033 MAR 2037 JUN 2038

SRS Index Number(s): 354
SEMS Number(s): 93

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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			
Lower Three Runs Watershed			
Integrator Operable Unit			
Lower Three Runs Integrator Operable Unit	MAR 2003	JUN 2020	SEP 2021
Phase I Field Start	MAR 2002		
First Phase II Field Start	MAR 2005		
Second Phase II Field Start	MAR 2007		
Third Phase II Field Start	JUL 2010		
Phase III Field Start	MAR 2013		
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 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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])	OCT 2002	SEP 2049	DEC 2049
Phase I Field Start	DEC 2002		
First Phase II Field Start	DEC 2004		
Second Phase II Field Start	JAN 2008		
Third Phase II Field Start	JAN 2011		
Fourth Phase II Field Start	MAY 2016		
Fifth Phase II Field Start	AUG 2020		
Sixth Phase II Field Start	JAN 2024		
Seventh Phase II Field Start	JUN 2028		
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			
G-Area Oil Seepage Basin Operable Unit (761-13G)	SEP 2016	SEP 2019	SEP 2020
SRS Index Number(s): 77			
SEMS Number(s): 93			
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			
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			

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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 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 Operable Unit Final Action

SEP 2047 DEC 2048

SRS Index Number(s): 583
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

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

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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
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	MAY 2001	JUN 2064	SEP 2065
Phase I Field Start	JUN 2001		
First Phase II Field Start	MAR 2007		
Second Phase II Field Start	SEP 2009		
Third Phase II Field Start	MAR 2013		
Fourth Phase II Field Start	FEB 2018		
Fifth Phase II Field Start	APR 2022		
Sixth Phase II Field Start	MAR 2026		
Seventh Phase II Field Start	MAR 2031		
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	JUN 2023	SEP 2024
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 ^{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 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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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Field Start** **ROD
Issuance** **RA Start
or
Tank Dates**

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) ² NOV 2020 SEP 2021

SRS Index Number(s): 238
SEMS Number(s): 63

D-Area Ash Basin (488-2D) ² NOV 2020 SEP 2021

SRS Index Number(s): 272
SEMS Number(s): 63

D-Area Ash Landfill (488-4D) ² NOV 2020 SEP 2021

SRS Index Number(s): 548
SEMS Number(s): 63

D-Area Coal Pile Runoff Basin (489-D) ² SEP 2008 NOV 2020 SEP 2021

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 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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			
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])	SEP 2000	AUG 2064	DEC 2064
Phase I Field Start	JUN 2000		
First Phase II Field Start	JUN 2002		
Second Phase II Field Start	SEP 2004		
Third Phase II Field Start	MAR 2007		
Fourth Phase II Field Start	JUN 2010		
Fifth Phase II Field Start	AUG 2014		
Sixth Phase II Field Start	JUL 2019		
Seventh Phase II Field Start	MAY 2023		
Eighth Phase II Field Start	MAY 2027		
Ninth Phase II Field Start	AUG 2030		
Phase III Field Start	FEB 2059		
Wetland Area at Dunbarton Bay (NBN)		AUG 2018	FEB 2019
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), L-Area Rubble Pit (131-4L), and L-Area Ash Basin (188-0L) Operable Unit	SEP 2022	AUG 2025	NOV 2026
SRS Index Number(s): 537 98 99 148			
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			

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

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

<p>L Area Operable Unit⁷ SRS Index Number: 584 SEMS Number: 91</p>	<p>SEP 2034</p>	<p>JUL 2063</p>	<p>OCT 2064</p>
<p>Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage¹ SRS Index Number(s): 1770 SEMS Number(s): 91</p>	<p>SEP 2034</p>	<p>OCT 2040</p>	<p>JAN 2042</p>
<p>L-Area Operable Unit Final Action SRS Index Number(s): 584 SEMS Number(s): 91</p>		<p>JUL 2063</p>	<p>OCT 2064</p>
<p>L-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 560 SEMS Number(s): 91</p>	<p>SEP 2034</p>	<p>OCT 2040</p>	<p>JAN 2042</p>
<p>L-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 479 SEMS Number(s): 91</p>	<p>SEP 2034</p>	<p>OCT 2040</p>	<p>JAN 2042</p>
<p>Potential Release from L-Area Disassembly Basin (NBN) SRS Index Number(s): 303 SEMS Number(s): 91</p>	<p>SEP 2034</p>	<p>OCT 2040</p>	<p>JAN 2042</p>
<p>Potential Release from L-Area Reactor Cooling Water System (186/190-L) SRS Index Number(s): 305 SEMS Number(s): 91</p>	<p>SEP 2034</p>	<p>OCT 2040</p>	<p>JAN 2042</p>

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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			
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])	MAY 2003	SEP 2063	DEC 2063
Phase I Field Start	JUN 2003		
First Phase II Field Start	JAN 2007		
Second Phase II Field Start	JUN 2008		
Third Phase II Field Start	JUL 2012		
Fourth Phase II Field Start	MAY 2015		
Fifth Phase II Field Start	MAR 2019		
Sixth Phase II Field Start	JAN 2023		
Seventh Phase II Field Start	JAN 2027		
Eighth Phase II Field Start	SEP 2031		
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), A-Area Coal Pile Runoff Basin (788-3A), and Stormwater Outfall A-013 (NBN) (Interim Action)		NOV 2021	MAR 2023
SRS Index Number(s): 236 47 483			
SEMS Number(s): 62			
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop	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			

Revision 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

General Separations Area Western Groundwater Operable Unit (NBN)

SEP 2004 JAN 2043 APR 2044

SRS Index Number(s): 575
SEMS Number(s): 85

Site Evaluation Areas

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

JAN 2025

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 0 Appendix E: Fiscal Year 2019 Long-Term Projections
E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2022+)
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**

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 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) Record of Decision Issuance and Remedial Action Start dates are specific to those units only. These units will be covered under a Second Early Action ROD for the D-Area Operable Unit (DAOU).

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 DAOU Early Action ROD (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.

Enclosure 2

Wetland Area at Dunbarton Bay (WADB) Implementation Schedule

Enclosure 3

Sixth Five-Year Remedy Review Report for Savannah River Site OUs with Engineered Cover Systems Implementation Schedule

C	L	Activity Name	Original Duration	Start	Finish	2020		2021				2022		
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
		Prepare Rev 0 Remedy Review Report (ECS 6th Five year)	117	02-Jul-2020	17-Dec-2020		■							
		Submit Rev 0 Remedy Review Report (ECS)	0		17-Dec-2020			◆						
		Rev 0 Remedy Review Report EPA/SCDHEC Review (ECS)	90	18-Dec-2020	17-Mar-2021		■							
		Receipt of EPA/SCDHEC Comments (ECS)	0		17-Mar-2021				◆					
		SRS Revise Rev 0 Remedy Review Report (ECS)	90	18-Mar-2021	15-Jun-2021		■							
		Submit Rev1 Remedy Review Report (ECS)	0		15-Jun-2021					◆				
		Rev 1 Remedy Review Report EPA/SCDHEC Review (ECS)	45	16-Jun-2021	30-Jul-2021					■				
		Receive Comments Rev1 Remedy Review Report (ECS)	0		30-Jul-2021						◆			
		SRS Revise Rev 1 Remedy Review Report (ECS)	45	02-Aug-2021*	15-Sep-2021					■				
		Submit Rev1.1 Remedy Review Report (ECS)	0		15-Sep-2021						◆			
		Rev 1.1 Remedy Review Report EPA/SCDHEC Review (Engineered Cover System)	30	16-Sep-2021	15-Oct-2021						■			
		Receipt of Rev1.1 Remedy Review Report EPA/DHEC Approval (Engineered Cover System)	0		15-Oct-2021							◆		
		DOE Sign Remedy Review Report (Engineered Cover System)	30	18-Oct-2021*	16-Nov-2021							■		
		DOE Send Signed Copy to SCDHEC (Engineered Cover System)	0		16-Nov-2021								◆	
		SCDHEC Sign Remedy Review Report (Engineered Cover System)	30	17-Nov-2021	16-Dec-2021							■		
		SCDHEC Send Signed Copy to EPA (Engineered Cover System)	0		16-Dec-2021								◆	
		EPA Sign Remedy Review Report (Engineered Cover System)	33	17-Dec-2021	18-Jan-2022							■		
		EPA Send Signed Copy to DOE (Engineered Cover System)	0		18-Jan-2022								◆	
		Public Notification Preparation (Engineered Cover System)	14	19-Jan-2022	01-Feb-2022							■		
		Issue Remedy Review Report (Engineered Cover System)	0		01-Feb-2022								◆	

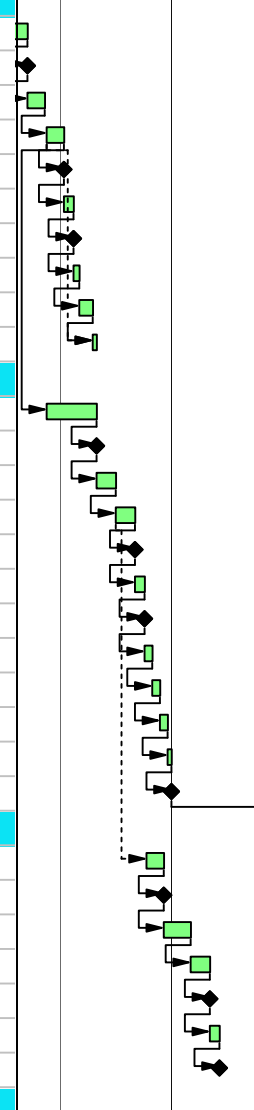
Savannah River Nuclear Solutions
 Engineered Cover System
 Sixth Five-Year Remedy Review Report

*6th Remedy Review
 Implementation Schedule Layout*

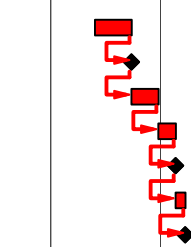
Enclosure 4

G-Area Oil Seepage Basin (GOSB) Implementation Schedule

Activity Name	Original Duration	Start	Finish	18	FY2019	FY2020	FY2021	FY2022	FY2023	2024
				F	F	F	F	F	F	F
Four Mile Branch WS	1353	05-Apr-18	17-Dec-21							
G-Area Oil Seepage Basin Implementation Sche	1353	05-Apr-18	17-Dec-21							
4-Statement of Basis/Proposed Plan (SB/PP)	299	05-Apr-18	28-Jan-19							
SRS Prepare SB/PP (Rev.0)	68	05-Apr-18	11-Jun-18							
SRS Submit SB/PP (Rev.0) to EPA/SCDHEC	0		11-Jun-18							
EPA/SCDHEC Review of SB/PP (Rev.0)	60	12-Jun-18	10-Aug-18							
SRS Incorporate EPA/SCDHEC Comments	60	13-Aug-18	11-Oct-18							
SRS Submit SB/PP (Rev.1) to EPA/SCDHEC	0		11-Oct-18							
EPA/SCDHEC Final Review/Approval	33	12-Oct-18	13-Nov-18							
Approval of SB/PP	0		13-Nov-18							
Notification of SB/PP Public Comment	14	14-Nov-18	27-Nov-18							
Public Comment Period	45	28-Nov-18	11-Jan-19							
Develop Responsiveness Summary	15	14-Jan-19	28-Jan-19							
5-ROD	414	13-Aug-18	30-Sep-19							
SRS Develop ROD (Rev.0)	169	13-Aug-18	28-Jan-19							
SRS Submit ROD (Rev.0) to EPA/SCDHEC	0		28-Jan-19							
EPA/SCDHEC Review of ROD (Rev.0)	60	29-Jan-19	29-Mar-19							
SRS Incorporate EPA/SCDHEC Comments	60	01-Apr-19	30-May-19							
Submit ROD (Rev.1) to EPA/SCDHEC	0		30-May-19							
EPA/SCDHEC Final Review/Approval	32	31-May-19	01-Jul-19							
Approval of ROD	0		01-Jul-19							
DOE Obtain Signature on ROD	25	02-Jul-19	26-Jul-19							
SCDHEC Obtain Signature on ROD	25	29-Jul-19	22-Aug-19							
EPA Obtain Signature on ROD	25	23-Aug-19	16-Sep-19							
Prepare Public Notice	14	17-Sep-19	30-Sep-19							
Issue ROD	0		30-Sep-19							
6-CMI/RAIP	241	08-Jul-19	04-Mar-20							
SRS Develop CMI/RAIP (Rev.0)	60	08-Jul-19*	05-Sep-19							
SRS Submit CMI/RAIP (Rev.0) to EPA/SCDHEC	0		05-Sep-19							
EPA/SCDHEC Review of (CMI/RAIP Rev.0)	90	06-Sep-19	04-Dec-19							
SRS Incorporate EPA/SCDHEC Comments	61	05-Dec-19	03-Feb-20							
SRS Submit CMI/RAIP (Rev.1) to EPA/SCDHEC	0		03-Feb-20							
EPA/SCDHEC Final Review/Approval	30	04-Feb-20	04-Mar-20							
Approval of CMI/RAIP	0		04-Mar-20							
7-RA Start	0	30-Sep-20	30-Sep-20							



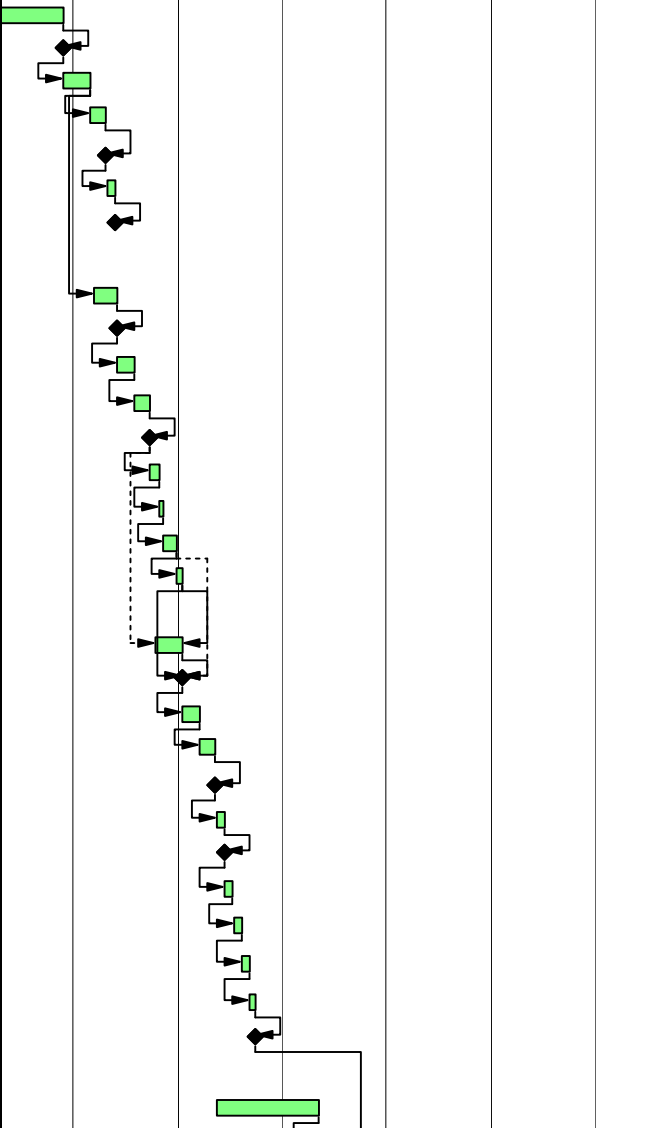
Activity Name	Original Duration	Start	Finish	Calendar																		
				18	FY2019			FY2020			FY2021			FY2022			FY2023			2024		
				F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
RA Start	0	30-Sep-20																				
8-PCR/CMIR/RACR	298	23-Feb-21	17-Dec-21																			
SRS Develop PCR/CMIR/RACR (Rev.0)	120	23-Feb-21*	22-Jun-21																			
SRS Submit PCR/CMIR/RACR (Rev.0) to EPA/SCDHEC	0		22-Jun-21																			
EPA/SCDHEC Review of PCR/CMIR/RACR (Rev.0)	90	23-Jun-21	20-Sep-21																			
SRS Incorporate EPA/SCDHEC Comments	60	21-Sep-21	19-Nov-21																			
SRS Submit PCR/CMIR/ACR (Rev.1) to EPA/SCDHEC	0		19-Nov-21																			
EPA/SCDHEC Final Review/Approval	28	20-Nov-21	17-Dec-21																			
Approval of PCR/CMIR/RACR	0		17-Dec-21																			



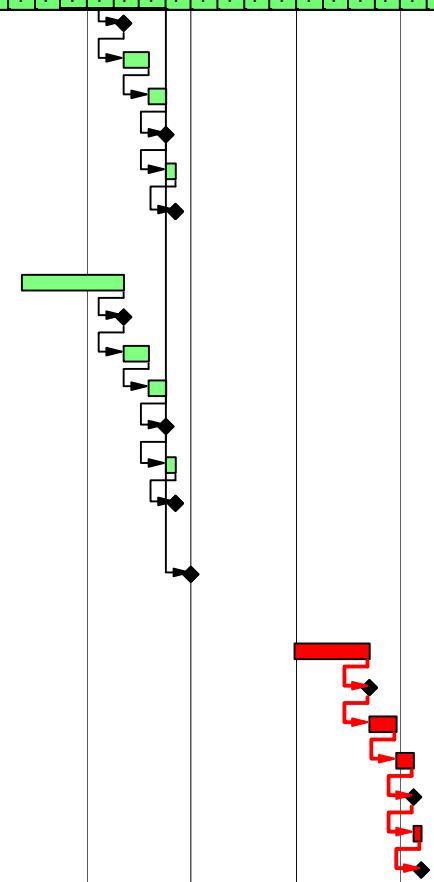
Enclosure 5

Lower Three Runs Integrator Operable Unit Implementation Schedule

Activity Name	Original Duration	Start	Finish																
				FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	2024									
				F	F	F	F	F	F	F									
Lower Three Runs WS	1482	11-Jan-18 A	13-Dec-23																
IOU Lower Three Runs	1482	11-Jan-18 A	13-Dec-23																
2- FEASIBILITY STUDY	280	11-Jan-18 A	25-Feb-19																
Develop FS LTR	87	11-Jan-18 A	24-Aug-18																
SRS Submittal of Rev. 0 FS to EPA/SCDHEC (FFA 8/24/18)	0		24-Aug-18																
EPA/SCDHEC Review Rev. 0 FS	91	28-Aug-18	26-Nov-18																
SRS Incorporates EPA/SCDHEC Comments FS	59	27-Nov-18	24-Jan-19																
SRS Submittal Rev. 1 FS	0		24-Jan-19																
EPA/SCDHEC Final Review and Approval FS	32	25-Jan-19	25-Feb-19																
Receipt of EPA/SCDHEC Approval	0		25-Feb-19																
3- PROPOSED PLAN	213	10-Dec-18	15-Oct-19																
Develop Proposed Plan LTR	54	10-Dec-18	28-Feb-19																
Submit Rev. 0 Proposed Plan (FFA 2/28/19)	0		28-Feb-19																
EPA/SCDHEC Review of Rev. 0 Proposed Plan	60	01-Mar-19	29-Apr-19																
SRS Incorporates EPA/SCDHEC Comments PP	59	30-Apr-19	27-Jun-19																
SRS Submittal of Rev. 1 Proposed Plan	0		27-Jun-19																
EPA/SCDHEC Final Review and Approval PP	32	28-Jun-19	29-Jul-19																
Notification of Public Comment	14	30-Jul-19	12-Aug-19																
Public Comment Period	45	13-Aug-19	26-Sep-19																
Responsiveness Summary and Approval	19	27-Sep-19	15-Oct-19																
4- ROD	237	17-Jul-19	25-Jun-20																
Develop ROD LTR	64	17-Jul-19	15-Oct-19																
Submit Rev. 0 ROD (FFA 10/15/19)	0		15-Oct-19																
EPA/SCDHEC Review of Rev. 0 ROD	59	16-Oct-19	13-Dec-19																
SRS Incorporates EPA/SCDHEC Comments ROD	58	16-Dec-19	11-Feb-20																
SRS Submittal of Rev. 1 ROD	0		11-Feb-20																
EPA/SCDHEC Final Review and Approval of ROD	30	12-Feb-20	12-Mar-20																
Receipt of ROD Approval	0		12-Mar-20																
DOE Obtain Signature on ROD	29	13-Mar-20	10-Apr-20																
EPA Obtain Signature on ROD	30	13-Apr-20	12-May-20																
SCDHEC Obtain Signature on ROD	29	13-May-20	10-Jun-20																
Prepare for Public Notice	15	11-Jun-20	25-Jun-20																
Issue ROD	0		25-Jun-20																
5- RAIP	369	12-Feb-20	02-Aug-21																
Develop RAIP	245	12-Feb-20*	03-Feb-21																



Activity Name	Original Duration	Start	Finish																			
				FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	2024												
				F	F	F	F	F	F	F	F	F	F	F	F							
Submit Rev. 0 RAIP	0		03-Feb-21																			
EPA/SCDHEC Review of Rev. 0 RAIP	90	04-Feb-21	04-May-21																			
SRS Incorporates EPA/SCDHEC Comments RAIP	58	05-May-21	01-Jul-21																			
SRS Submittal Rev. 1 RAIP	0		01-Jul-21																			
EPA/SCDHEC Final Review and Approval RAIP	32	02-Jul-21	02-Aug-21																			
Receipt of EPA/SCDHEC Approval RAIP	0		02-Aug-21																			
6- LUCIP	369	12-Feb-20	02-Aug-21																			
Develop LUCIP	245	12-Feb-20*	03-Feb-21																			
Submit Rev. 0 LUCIP	0		03-Feb-21																			
EPA/SCDHEC Review of Rev. 0 LUCIP	90	04-Feb-21	04-May-21																			
SRS Incorporates EPA/SCDHEC Comments LUCIP	58	05-May-21	01-Jul-21																			
SRS Submittal Rev. 1 LUCIP	0		01-Jul-21																			
EPA/SCDHEC Final Review and Approval LUCIP	32	02-Jul-21	02-Aug-21																			
Receipt of EPA/SCDHEC Approval LUCIP	0		02-Aug-21																			
7- RA START	0	28-Sep-21	28-Sep-21																			
RA Start LTR (FFA 9/28/21)	0		28-Sep-21																			
8- PCR/CMIR/RACR	305	26-Sep-22	13-Dec-23																			
Develop PCR/CMIR/RACR	180	26-Sep-22*	15-Jun-23																			
Submit Rev. 0 PCR/CMIR/RACR	0		15-Jun-23																			
EPA/SCDHEC Review of Rev. 0 PCR/CMIR/RACR	90	16-Jun-23	13-Sep-23																			
SRS Incorporates EPA/SCDHEC Comments PCR/CMIR/RACR	61	14-Sep-23	13-Nov-23																			
SRS Submittal Rev. 1 PCR/CMIR/RACR	0		13-Nov-23																			
EPA/SCDHEC Final Review and Approval PCR/CMIR/RACR	30	14-Nov-23	13-Dec-23																			
Receipt of EPA/SCDHEC Approval PCR/CMIR/RACR	0		13-Dec-23																			



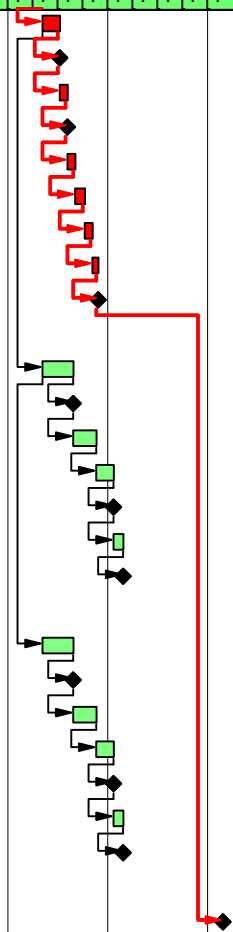
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Enclosure 6

ECODS L-3, L-Area Rubble Pits (131-1L, 131-4L), and L-Area Ash Basin (188-L)
OU Implementation Schedule

Activity Name	Original Duration	Start	Finish	Calendar																		
				2022	FY2023	FY2024	FY2025	FY2026	FY2027	/2028												
				F	F	F	F	F	F	F												
Steel Creek WS	1014	07-Oct-21	23-Nov-26																			
ECODS L-3, L- Area Rubble Pits (131-1L,131-4L)	1014	07-Oct-21	23-Nov-26																			
1-Workplan Development	174	07-Oct-21	24-Aug-22																			
SRS Develop Workplan (Rev.0)	94	07-Oct-21	24-Feb-22																			
SRS Submit Workplan (Rev.0) to EPA/SCDHEC	0		24-Feb-22																			
EPA/SCDHEC Review Workplan Rev 0	91	25-Feb-22	26-May-22																			
SRS Incorporate EPA/SCDHEC Comments-Workplan	60	27-May-22	25-Jul-22																			
SRS Submit Workplan (Rev.1) to EPA/SCDHEC	0		25-Jul-22																			
EPA/SCDHEC Final Review/Approval-Workplan	30	26-Jul-22	24-Aug-22																			
Approval of RFI/RI Workplan-Workplan	0		24-Aug-22																			
2-Characterization	139	30-Sep-22	15-Feb-23																			
Field Start	139	30-Sep-22	15-Feb-23																			
3-Combined RFI/RI/BRA/CMS/FS	178	16-Feb-23	10-Jan-24																			
SRS Prepare Combined Document	100	16-Feb-23	11-Jul-23																			
SRS Submit Combined Document (Rev.0) to EPA/SCDHEC	0		11-Jul-23																			
EPA/SCDHEC Review of Combined Document (Rev.0)	91	12-Jul-23	10-Oct-23																			
SRS Incorporate EPA/SCDHEC Comments	62	11-Oct-23	11-Dec-23																			
Submit Combined Document (Rev.1) to EPA/SCDHEC	0		11-Dec-23																			
EPA/SCDHEC Final Review/Approval	30	12-Dec-23	10-Jan-24																			
Approval of Combined Document	0		10-Jan-24																			
4-Statement of Basis/Proposed Plan (SB/PP)	181	11-Jan-24	05-Dec-24																			
SRS Prepare SB/PP (Rev.0)	70	11-Jan-24	22-Apr-24																			
SRS Submit SB/PP (Rev.0) to EPA/SCDHEC	0		22-Apr-24																			
EPA/SCDHEC Review of SB/PP (Rev.0)	60	23-Apr-24	21-Jun-24																			
SRS Incorporate EPA/SCDHEC Comments	60	24-Jun-24	22-Aug-24																			
SRS Submit SB/PP (Rev.1) to EPA/SCDHEC	0		22-Aug-24																			
EPA/SCDHEC Final Review/Approval	32	23-Aug-24	23-Sep-24																			
Approval of SB/PP	0		23-Sep-24																			
Notification of SB/PP Public Comment	14	24-Sep-24	07-Oct-24																			
Public Comment Period	45	08-Oct-24	21-Nov-24																			
Develop Responsiveness Summary	14	22-Nov-24	05-Dec-24																			
5-ROD	232	24-Jun-24	21-Aug-25																			
SRS Develop ROD (Rev.0)	115	24-Jun-24	05-Dec-24																			
SRS Submit ROD (Rev.0) to EPA/SCDHEC	0		05-Dec-24																			
EPA/SCDHEC Review of ROD (Rev.0)	60	06-Dec-24	03-Feb-25																			

Activity Name	Original Duration	Start	Finish	Fiscal Year																		
				2022	FY2023	FY2024	FY2025	FY2026	FY2027	'2028												
				F	F	F	F	F	F	F	F	F	F	F	F							
SRS Incorporate EPA/SCDHEC Comments	59	04-Feb-25	03-Apr-25																			
Submit ROD (Rev.1) to EPA/SCDHEC	0		03-Apr-25																			
EPA/SCDHEC Final Review/Approval	32	04-Apr-25	05-May-25																			
Approval of ROD	0		05-May-25																			
DOE Obtain Signature on ROD	30	06-May-25	04-Jun-25																			
SCDHEC Obtain Signature on ROD	33	05-Jun-25	07-Jul-25																			
EPA Obtain Signature on ROD	30	08-Jul-25	06-Aug-25																			
Prepare Public Notice	15	07-Aug-25	21-Aug-25																			
Issue ROD	0		21-Aug-25																			
6-CMI/RAIP	162	04-Feb-25	20-Nov-25																			
SRS Develop CMI/RAIP (Rev.0)	76	04-Feb-25	22-May-25																			
SRS Submit CMI/RAIP (Rev.0) to EPA/SCDHEC	0		22-May-25																			
EPA/SCDHEC Review of (CMI/RAIP Rev.0)	90	23-May-25	20-Aug-25																			
SRS Incorporate EPA/SCDHEC Comments	62	21-Aug-25	21-Oct-25																			
SRS Submit CMI/RAIP (Rev.1) to EPA/SCDHEC	0		21-Oct-25																			
EPA/SCDHEC Final Review/Approval	30	22-Oct-25	20-Nov-25																			
Approval of CMI/RAIP	0		20-Nov-25																			
7-LUCIP	162	04-Feb-25	20-Nov-25																			
SRS Develop LUCIP	76	04-Feb-25	22-May-25																			
SRS Submit LUCIP (Rev.0) to EPA/SCDHEC	0		22-May-25																			
EPA/SCDHEC Review of (LUCIP Rev.0)	90	23-May-25	20-Aug-25																			
SRS Incorporate EPA/SCDHEC Comments	62	21-Aug-25	21-Oct-25																			
SRS Submit LUCIP (Rev.1) to EPA/SCDHEC	0		21-Oct-25																			
EPA/SCDHEC Final Review/Approval	30	22-Oct-25	20-Nov-25																			
Approval of LUCIP	0		20-Nov-25																			
8-RA Start	0	23-Nov-26	23-Nov-26																			
RA Start	0	23-Nov-26																				



Enclosure 7

Tally of Milestones for Fiscal Year 2020

Fiscal Year 2020 Milestones
Revision 0 Appendix E.1 for Fiscal Year 2019 (Print Date: 10/26/2018)

Document Type	E.1
RFI/RI Workplans	1
RFI/RI/BRA	0
CMS/FS	0
Statement of Basis/Proposed Plan	0
Revision 0 ROD	2
Post-ROD Docs	1
Site Evaluation Reports	0
High Level Radioactive Waste Tanks	2
Other	23
Total ¹	29

	E.1 ²
Field Starts	3 on 5
Issue RODs ³	2 on 4
RA Starts (if appropriate) ³	1 on 1

RFI/RI Workplans

ECODS N-1, Central Shops Scrap Lumber Pile, and Building 690-N, Process Heat Exchanger Repair Facility

RFI/RI/BRA

CMS/FS

Statement of Basis/Proposed Plan

Revision 0 ROD

Lower Three Runs IOU

In Support of D Area Operable Unit ⁴

- D-Area Ash Basin (488-1D)
- D-Area Ash Basin (488-2D)
- D-Area Ash Landfill (488-4D)
- D-Area Coal Pile Runoff Basin (489-D)

Post-ROD Documents

WADB PCR

Site Evaluation Reports

High Level Radioactive Waste Tanks

New or Replacement Waste Tank Annual Report
 Complete Bulk Waste Removal Efforts for Tank 10H

Removal Action Starts

In Support of D Area Groundwater OU
 D-Area Coal Storage Area (484-17D)

Other – Programmatic

Revision 0 Appendices C, G, and K
 Revision 0 Appendix H
 Revision 0 Appendix E
 Administrative Record File Indices Annual Update
 Federal Facility Agreement Annual Progress Report
 Annual Removal Action Report
 Revision 0 Appendix D
 Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies

Other – Programmatic – Project-Specific

MIPSL OU Performance Evaluation Report (PER)
 ABRP & Misc Chem/Met Burn OU PER
 CMP Pits OU Effectiveness Monitoring Report
 KBRP and PBRP OUs Combined GW Monitoring Report
 L-Area Southern GW OU Effectiveness Monitoring Report
 R Rx Seepage Basins OU GW Mixing Zone Report
 TNX Area GW OU Effectiveness Monitoring Report
 D-Area Groundwater OU Letter Report
 D-Area Oil Seepage GW OU MZ Monitoring Report
 A-Area Misc. Rubble Pile OU PER
 FMB IOU Periodic Report 6
 D-Area Groundwater OU Treatability Study Field Start

Field Starts

D-Area Groundwater OU [1]
 Pen Branch IOU Fifth Phase II [2]
 ECODS N-1, Central Shops Scrap Lumber Pile, and Building 690-N, Process Heat Exchanger Repair Facility [2]

Issue RODs

Sixth Five-Year Remedy Review Report for SRS OUs with Native Soil Covers and/or LUCs [1]

Lower Three Runs IOU [3]

Remedial Action (RA0 Starts

G-Area Oil Seepage Basin OU [1]

¹ As new or revised Implementation Schedules are approved, the total number of documents will change.

² X on Y: # of documents and/or letters on milestones/operable unit count; typically, does not include D&D Facilities or Remnants.

³ Issue RODs and RA Starts including Early Actions and/or Interim Actions and Remedy Review Reports.

⁴ These are Early Action milestones.

Enclosure 8

Tally of Milestones for Fiscal Year 2021

Fiscal Year 2021 Milestones
Revision 0 Appendix E.2 for Fiscal Year 2019 (Print Date: 10/26/2018)

Document Type	E.2
RFI/RI Workplans	0
RFI/RI/BRA	1
CMS/FS	1
Statement of Basis/Proposed Plan	0
Revision 0 ROD	1
Post-ROD Docs	4
Site Evaluation Reports	0
High Level Radioactive Waste Tanks	2
Other	22
Total ¹	31

	E.2 ²
Field Starts	1 on 1
Issue RODs ³	2 on 5
RA Starts (if appropriate) ³	2 on 7

RFI/RI Workplans

RFI/RI/BRA

D-Area Groundwater OU

CMS/FS

D-Area Groundwater OU

Statement of Basis/Proposed Plan

Revision 0 ROD

A-Area Ash Pile, A-Area Coal Pile Runoff Basin, and Stormwater Outfall A-013 OU (Interim)

Post-ROD Documents

Land Use Control Implementation Plan in Support of D Area Operable Unit ⁴

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

G-Area Oil Seepage Basin OU PCR/CMIR/RACR

Lower Three Runs IOU RAIP

Lower Three Runs IOU LUCIP

Site Evaluation Reports

High Level Radioactive Waste Tanks

New or Replacement Waste Tank Annual Report

Complete Operational Closure of Five (5) Tanks

Other – Programmatic

Revision 0 Appendices C, G, and K

Revision 0 Appendix H

Revision 0 Appendix E

Administrative Record File Indices Annual Update

Federal Facility Agreement Annual Progress Report

Annual Removal Action Report

Revision 0 Appendix D

Sixth Five-Year Remedy Review Report for SRS OUs with Engineered Cover Systems

Other – Programmatic – Project-Specific

MIPSL OU Performance Evaluation Report (PER)

ABRP & Misc Chem/Met Burn OU PER

CMP Pits OU Effectiveness Monitoring Report

CBRP OU Effectiveness Monitoring Report

KBRP and PBRP OUs Combined GW Monitoring Report

R Area GW OU Effectiveness Monitoring Report

TNX Area GW OU Effectiveness Monitoring Report

D-Area Groundwater OU GW Monitoring Report

D-Area Oil Seepage GW OU MZ Letter Report

A-Area Misc. Rubble Pile OU PER

D-Area Groundwater OU Treatability Study Data Report

Savannah River and Floodplain Swamp IOU Periodic Report 5

Field Starts

Fourmile Branch Sixth Phase II [1]

Issue RODs

In Support of D Area Operable Unit ⁴ [4]

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

Sixth Five-Year Remedy Review Report for SRS OUs with Groundwater Remedies [1]

Remedial Action (RA) Starts

In Support of D Area Operable Unit ⁴ [4]

D-Area Ash Basin (488-1D)

D-Area Ash Basin (488-2D)

D-Area Ash Landfill (488-4D)

D-Area Coal Pile Runoff Basin (489-D)

Lower Three Runs IOU [3]

¹ As new or revised Implementation Schedules are approved, the total number of documents will change.

² X on Y: # of documents and/or letters on milestones/operable unit count; typically, does not include D&D Facilities or Remnants.

³ Issue RODs and RA Starts including Early Actions and/or Interim Actions and Remedy Review Reports.

⁴ These are Early Action milestones.

Enclosure 9

Tally of Milestones for Fiscal Years 2019 - 2065

Tally of Milestones for Fiscal Years (FY) 2019 – 2065

FY	Field Starts¹	Issue RODs¹	RA Starts¹	Site Evaluation Report Submittals
2018 ²	1 – 3	3 – 3	0 – 0	0
2019	2 – 4	2 – 2	1 – 1	0
2020	3 – 5	2 – 4	1 – 1	0
2021	1 – 1	2 – 5	2 – 7	0
2022	3 – 16	2 – 4	0 – 0	0
2023	2 – 4	3 – 3	1 – 3	0
2024	4 – 7	3 – 3	2 – 2	0
2025	1 – 1	1 – 4	1 – 2	2
2026	1 – 3	0 – 0	0 – 0	0
2027	2 – 4	5 – 15	1 – 4	0
2028	1 – 2	0 – 0	2 – 10	0
2029	1 – 1	0 – 0	3 – 5	0
2030	1 – 2	0 – 0	0 – 0	0
2031	2 – 5	1 – 1	0 – 0	0
2032	0 – 0	0 – 0	1 – 1	0
2033	0 – 0	0 – 0	0 – 0	0
2034	3 – 14	0 – 0	0 – 0	0
2035	1 – 5	0 – 0	0 – 0	1
2036	1 – 7	0 – 0	0 – 0	1
2037	1 – 15	1 – 5	0 – 0	0
2038	0 – 0	0 – 0	1 – 5	0
2039	1 – 6	2 – 6	0 – 0	0
2040	0 – 0	1 – 5	1 – 5	0
2041	0 – 0	1 – 4	2 – 6	0
2042	1 – 1	2 – 22	1 – 4	0
2043	1 – 2	1 – 1	2 – 22	0

¹ X – Y: # of documents and/or letters – milestone/operable unit count

² 2018 information based on actuals and is provided for comparison purposes.

D&D Facilities or Remnants associated with Area Operable Units are not included in the tally counts listed above.

Issue RODs include Early Actions, Interim Actions, ESDs, Final Actions, and Five-Year Remedy Review Reports. RA Starts include Early Actions, Interim Actions, and Final Actions.

Tally of Milestones for Fiscal Years (FY) 2018 – 2065

FY	Field Starts¹	Issue RODs¹	RA Starts¹	Site Evaluation Report Submittals
2044	0 - 0	1 - 1	1 - 1	0
2045	0 - 0	1 - 6	0 - 0	0
2046	0 - 0	2 - 4	2 - 7	0
2047	0 - 0	1 - 1	2 - 4	0
2048	0 - 0	1 - 1	0 - 0	0
2049	0 - 0	1 - 2	3 - 4	0
2050	0 - 0	0 - 0	1 - 2	0
2051	0 - 0	0 - 0	0 - 0	0
2052	0 - 0	0 - 0	0 - 0	0
2053	0 - 0	0 - 0	0 - 0	0
2054	0 - 0	0 - 0	0 - 0	0
2055	0 - 0	0 - 0	0 - 0	0
2056	0 - 0	1 - 1	0 - 0	0
2057	0 - 0	0 - 0	1 - 1	0
2058	1 - 2	0 - 0	0 - 0	0
2059	3 - 4	0 - 0	0 - 0	0
2060	1 - 3	0 - 0	0 - 0	0
2061	0 - 0	1 - 1	0 - 0	0
2062	0 - 0	1 - 1	1 - 1	0
2063	0 - 0	3 - 6	1 - 1	0
2064	0 - 0	3 - 6	2 - 5	0
2065	0 - 0	0 - 0	4 - 7	0

¹ X - Y: # of documents and/or letters – milestone/operable unit count

² 2018 information based on actuals and is provided for comparison purposes.

D&D Facilities or Remnants associated with Area Operable Units are not included in the tally counts listed above.

Issue RODs include Early Actions, Interim Actions, ESDs, Final Actions, and Five-Year Remedy Review Reports. RA Starts include Early Actions, Interim Actions, and Final Actions.

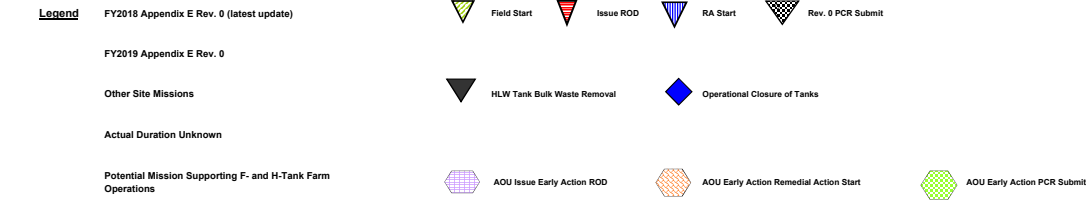
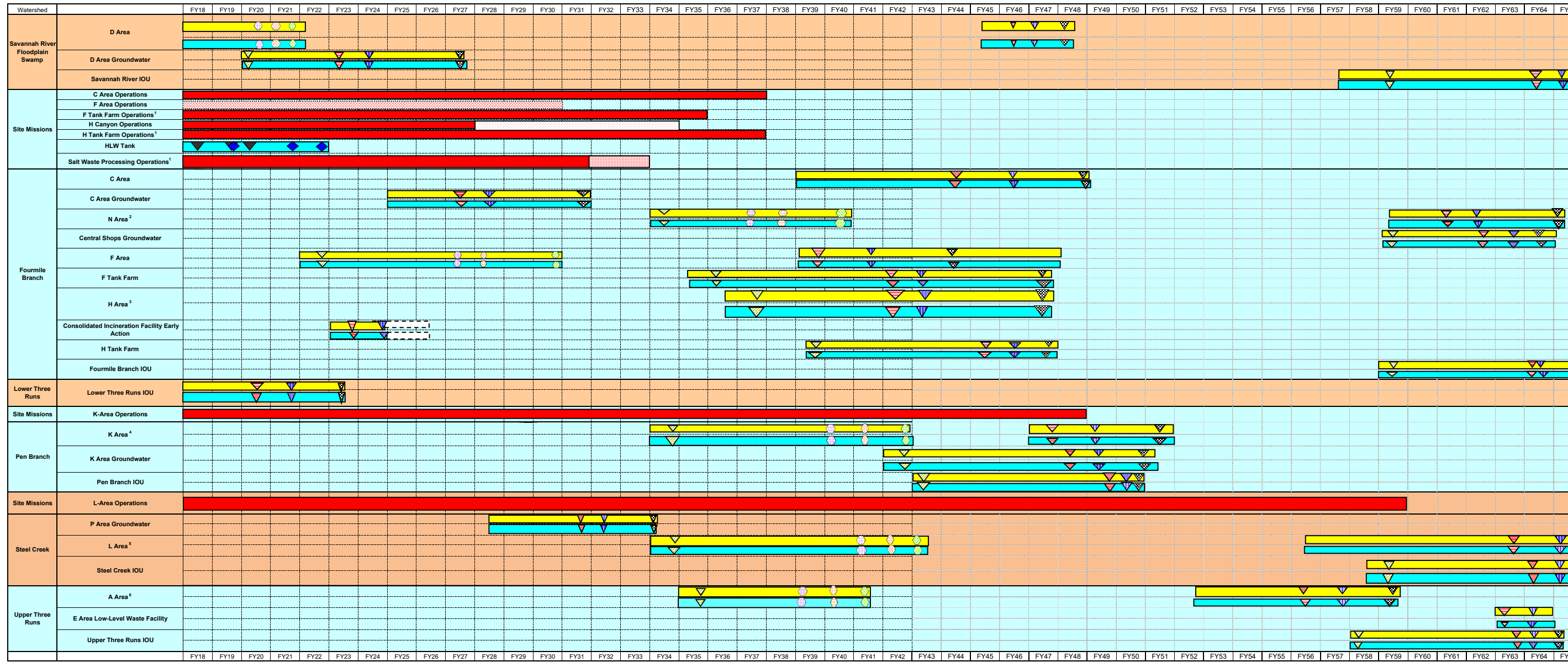
Item	Description	Unit	Quantity	Price	Total
1
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16
17
18
19
20
21
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92
93
94
95
96
97
98
99
100

Item	Description	Unit	Quantity	Price	Total
101
102
103
104
105
106
107
108
109
110

Enclosure 10

Area Completion Plan

SRS Area Completion Plan



¹ The end dates for these site missions are based on the Liquid Waste System Plan (SRR-LWP-2009-00001, Rev. 20, March 2016), which has been approved by DOE.

² The Central Scrap Lumber Pile, ECODS N-1, Sandblast Area CMN-001, and Building 690-N, Process Heat Exchanger Repair Facility (Ford Building) was separated from the NAOU with separate milestones (i.e., Field Start in FY2020, Issue ROD in FY2023, and RA Start in FY2025).

³ Sandblast Area CMN-002 and Spill on 02/01/87 of Unknown Seepage Basin Pipe Leak from 904-44G was separated from the NAOU with separate milestones (i.e., Field Start in FY2024, Issue ROD in FY2027, and RA Start in FY2029).

⁴ The K-Area Ash Basin was separated from the KAOU with separate milestones (i.e., Field Start in FY2024, Issue ROD in FY2027, and RA Start in FY2029).

⁵ The ECODS L-3, L-Area Ash Basin, L-Area Rubble Pit (1L) and L-Area Rubble Pit (4L) was separated from the LAOU with separate milestones (i.e., Field Start in FY2022, Issue ROD in FY2025, and RA Start in FY2027).

⁶ The remnants from Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop was separated from the AAOU with separate milestones (i.e., Field Start in FY2024, Issue ROD in FY2027, and RA Start in FY2029).

FY2018 Appendix E Rev. 0 (Print Date: 11/03/2017, Updated 10/03/2018)					FY2019 Appendix E Rev. 0 (10/26/2018)						
Field Start	Issue ROD	Other ROD*	RA Start	Site Evaluation Report	Field Start	Issue ROD	Other ROD*	RA Start	Site Evaluation Report		
FY19	4	1	1	1	0	FY19	4	1	1	0	
FY20	5	3	1	1	0	FY20	5	3	1	0	
FY21	1	0	5	7	0	FY21	1	0	5	7	0
FY22	16	0	4	0	0	FY22	16	0	4	0	0
FY23	4	1	2	3	0	FY23	4	1	2	3	0
FY24	7	2	1	2	0	FY24	7	2	1	2	0
FY25	1	4	2	2	2	FY25	1	4	2	2	2
FY26	3	0	0	0	0	FY26	3	0	0	0	0
FY27	4	6	0	4	0	FY27	4	6	0	4	0
FY28	2	0	0	1	0	FY28	2	0	0	1	0
FY29	1	0	0	5	0	FY29	1	0	0	5	0
FY30	2	0	0	0	0	FY30	2	0	0	0	0
FY31	5	1	0	0	0	FY31	5	1	0	0	0
FY32	0	0	0	1	0	FY32	0	0	0	1	0
FY33	0	0	0	0	0	FY33	0	0	0	0	0
FY34	14	0	0	0	0	FY34	14	0	0	0	0
FY35	5	0	0	0	1	FY35	5	0	0	0	1
FY36	7	0	0	0	1	FY36	7	0	0	0	1
FY37	15	0	5	0	0	FY37	15	0	5	0	0
FY38	0	0	0	5	0	FY38	0	0	0	5	0
FY39	6	1	5	0	0	FY39	6	1	5	0	0
FY40	0	0	5	5	0	FY40	0	0	5	5	0
FY41	0	0	4	6	0	FY41	0	0	4	6	0
FY42	1	22	0	4	0	FY42	1	22	0	4	0
FY43	2	1	0	22	0	FY43	2	1	0	22	0
FY44	0	1	0	1	0	FY44	0	1	0	1	0
FY45	0	6	0	0	0	FY45	0	6	0	0	0
FY46	0	4	0	7	0	FY46	0	4	0	7	0
FY47	0	1	0	4	0	FY47	0	1	0	4	0
FY48	0	1	0	0	0	FY48	0	1	0	0	0
FY49	0	2	0	4	0	FY49	0	2	0	4	0
FY50	0	0	0	2	0	FY50	0	0	0	2	0
FY51	0	0	0	0	0	FY51	0	0	0	0	0
FY52	0	0	0	0	0	FY52	0	0	0	0	0
FY53	0	0	0	0	0	FY53	0	0	0	0	0
FY54	0	0	0	0	0	FY54	0	0	0	0	0
FY55	0	0	0	0	0	FY55	0	0	0	0	0
FY56	0	1	0	0	0	FY56	0	1	0	0	0
FY57	0	0	0	1	0	FY57	0	0	0	1	0
FY58	2	0	0	0	0	FY58	2	0	0	0	0
FY59	4	0	0	0	0	FY59	4	0	0	0	0
FY60	3	0	0	0	0	FY60	3	0	0	0	0
FY61	0	1	0	0	0	FY61	0	1	0	0	0
FY62	0	1	0	1	0	FY62	0	1	0	1	0
FY63	0	6	0	1	0	FY63	0	6	0	1	0
FY64	0	6	0	5	0	FY64	0	6	0	5	0
FY65	0	0	0	7	0	FY65	0	0	0	7	0

* Other RODs for Early Actions, or Interim Actions, or ESDs, or Five-Year Remedy Review Reports.

FY	FDEs	DPPRs
2019	3	2
2020	4	4
2021	0	4

Program Status (04/04/2017)	
515	Number of Waste Units
97	Units in Assessment
10	Units in Remediation
408	Units Complete

*** The information is provided for regulatory planning purposes only and is subject to change.
FDE = Facility Decommissioning Evaluation
DPPR = Decommissioning Project Final Report