

# Remove and Insert Instructions

ARF-023096

Document Number	Date
WSRC-OS-94-42	02/22/2021

Tab	Remove Pages	Number of Pages	Insert Pages	Number of Pages
Appendix E	E.1-1 to E.1-5 (Print Date: 10/30/2019, Updated 12/17/2020)	5	E.1-1 to E.1-5 (Print Date: 01/21/2021)	5
Appendix E	E.2-1 to E.2-5 (Print Date: 10/30/2019, Updated 12/17/2020)	5	E.2-1 to E.2-5 (Print Date: 01/21/2021)	3
Appendix E	E.3-1 to E.3-20 (Print Date: 10/30/2019, Updated 12/17/2020)	20	E.3-1 to E.3-20 (Print Date: 11/04/2020)	19
FFA Modification	33	1	33	1

**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2022 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2021
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2022 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	10/01/2021
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) <sup>1</sup> Operable Unit Revision 0 Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment (BRA) and Corrective Measures Study/Feasibility Study (CMS/FS) Submittal SRS Unit Index Number(s): 525 244 1828 SEMS Number(s): 93	10/28/2021
Revision 0 Appendix E for Fiscal Year 2022 (Commitments for Fiscal Years 2023 & 2024 and Projected ROD Issuance Dates for Fiscal Year 2025+) Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	11/15/2021
<b>Issue Stormwater Outfall A-013 (NBN) Operable Unit Record of Decision Remedial Alternative Selection</b> SRS Unit Index Number(s): 483 SEMS Number(s): 62	11/29/2021
Administrative Record File Indices Annual Update for Fiscal Year 2021 Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2021
Federal Facility Agreement Annual Progress Report for Fiscal Year 2021 (Including annual certification of Land Use Control Units) Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	12/01/2021
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems Submittal SRS Unit Index Number(s): N/A SEMS Number(s): 00	12/15/2021
Removal Actions Performed in Fiscal Year 2021 Report Submittal SRS Unit Index Number(s): N/A SEMS Number(s): N/A	01/01/2022
<b>Issue Lower Three Runs Integrator Operable Unit Record of Decision Remedial Alternative Selection</b> SRS Unit Index Number(s): 505 110 312 SEMS Number(s): 35	01/24/2022

---

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.

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



**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
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)	05/31/2022
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2022
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report titled updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2022
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.)]	06/30/2022
SRS Unit Index Number(s): 121 122 123 124 119 120 42	SEMS Number(s): 25
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Letter Report Submittal (Reference: WSRC-RP-2003-4150, Letter reports will be submitted in even numbered years)	07/31/2022
SRS Unit Index Number(s): 520	SEMS Number(s): 63
D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years)	07/31/2022
SRS Unit Index Number(s): 26	SEMS Number(s): 27
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) <sup>1</sup> Operable Unit Revision 0 Statement of Basis/Proposed Plan Submittal	08/03/2022
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93

---

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.

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

**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.1: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2022**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
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.]	08/31/2022
SRS Unit Index Number(s): 487	SEMS Number(s): 77
TNX Area Groundwater Operable Unit 2021 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	08/31/2022
SRS Unit Index Number(s): 25	SEMS Number(s): 21 29
<b>Building 211-2F, Control and Check House Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1275	SEMS Number(s): 88
<b>Building 211-3F, Waste Truck Unloading Station Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1276	SEMS Number(s): 88
<b>Building 211-7F, Chemical Handling Facility Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1277	SEMS Number(s): 88
<b>Building 211-F, Outside Facilities (Including the 805 and 820 Tank Cells) Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1279	SEMS Number(s): 88
<b>Building 222-F, Cold Feed Preparation Area Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1293	SEMS Number(s): 88
<b>Building 246-F, Equipment Test Facility Early Action RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start in Support of F-Area Operable Unit</b>	09/30/2022
SRS Unit Index Number(s): 1352	SEMS Number(s): 88

---

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.

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



**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
Revision 0 Appendix C, RCRA/CERCLA Unit List, Appendix G, Site Evaluation Areas, and Appendix K, D&D Facilities for Fiscal Year 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix H, RCRA Regulated Units for Fiscal Year 2023 Submittal	10/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Appendix E for Fiscal Year 2023 (Commitments for Fiscal Years 2024 & 2025 and Projected ROD Issuance Dates for Fiscal Year 2026+) Submittal	11/15/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Administrative Record File Indices Annual Update for Fiscal Year 2022 Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Federal Facility Agreement Annual Progress Report for Fiscal Year 2022 (Including annual certification of Land Use Control Units) Submittal	12/01/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
Revision 0 Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Operating Equipment Submittal	12/21/2022
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
Complete Operational Closure of FDB-5 and FDB-6 Diversion Boxes	12/31/2022
SRS Unit Index Number(s): 283 580 1307 1308	SEMS Number(s): 23
Removal Actions Performed in Fiscal Year 2022 Report Submittal	01/01/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): N/A
<b>Issue Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic and/or Stabilization/Solidification Cover Systems</b>	01/26/2023
SRS Unit Index Number(s): N/A	SEMS Number(s): 00
D-Area Groundwater Operable Unit (NBN) Revision 0 Treatability Study Data Report Submittal	01/31/2023
SRS Unit Index Number(s): 520	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)	03/09/2023
SRS Unit Index Number(s): 283 298	SEMS Number(s): 23 89

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

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation & Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

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

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

**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
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) <sup>1</sup> Operable Unit Revision 0 Record of Decision Remedial Alternative Selection Submittal	03/20/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
<b>Lower Three Runs Integrator Operable Unit Remedial Action Start</b>	04/24/2023
SRS Unit Index Number(s): 505 110 312	SEMS Number(s): 35
A-Area Burning/Rubble Pits (731-A, -1A), A-Area Rubble Pit (731-2A), and Miscellaneous Chemical Basin/Metals Burning Pit (731-4A, -5A) Operable Unit Performance Evaluation Report Submittal (Reference: WSRC-RP-2008-4071, Reports will be submitted annually)	05/31/2023
SRS Unit Index Number(s): 46 45 49 101 102 237	SEMS Number(s): 28
Chemicals, Metals, and Pesticides (CMP) Pits (080-170G, -171G, -180G, -181G, -182G, -183G, and -190G) Operable Unit Annual Effectiveness Monitoring Report Submittal (Reference: WSRC-RP-2007-4070, Reports will be submitted annually)	06/17/2023
SRS Unit Index Number(s): 61 62 63 64 65 66 67	SEMS Number(s): 24
A-Area Ash Pile (788-A) and A-Area Coal Pile Runoff Basin (788-3A) Revision 0 Statement of Basis/Proposed Plan Submittal	06/20/2023
SRS Unit Index Number(s): 236 47	SEMS Number(s): 62
C-Area Burning/Rubble Pit (131-C) and Old C-Area Burning/Rubble Pit (NBN) Operable Unit Effectiveness Monitoring Report Submittal [WSRC-RP-2008-4051 and WSRC-RP-2008-4049, Reports to be submitted biennially (every 2 years).]	06/30/2023
SRS Unit Index Number(s): 51 566	SEMS Number(s): 31
K-Area Burning/Rubble Pit and Rubble Pile (131-K and 631-20G) (KBRP) and P-Area Burning/Rubble Pit (131-P) (PBRP) Operable Units Combined Groundwater Monitoring Report Submittal (Reference: ACP-08-133; combined sampling summary submitted annually beginning June 30, 2008, with detailed groundwater reports submitted every five years, beginning June 30, 2012. Report title updated in accordance with IACD-18-122, dated January 11, 2018.)	06/30/2023
SRS Unit Index Number(s): 84 88 108	SEMS Number(s): 40 59
Early Construction and Operational Disposal Site (ECODS) L-3 (East of L Area) (NBN), L-Area Rubble Pit (131-1L), and L-Area Rubble Pit (131-4L) Operable Unit Revision 0 RCRA Facility Investigation/Remedial Investigation Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study Submittal	07/11/2023
SRS Unit Index Number(s): 537 98 99	SEMS Number(s): 91
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) Groundwater Monitoring Report Submittal (Reference: WSRC-RP-2003-4150, Groundwater reports will be submitted in odd numbered years)	07/31/2023
SRS Unit Index Number(s): 520	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.

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation & Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

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

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

**Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.2: Deliverable Commitment Dates and Milestone Commitment Dates for FY 2023**

<b>Deliverable or Milestone:</b>	<b>Milestone/ Submittal Date (MM/DD/YYYY)</b>
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)	07/31/2023
SRS Unit Index Number(s): 26	SEMS Number(s): 27
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) <sup>1</sup> Operable Unit Revision 0 Corrective Measures Implementation/Remedial Action Implementation Plan Submittal	08/15/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
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) <sup>1</sup> Operable Unit Revision 0 Land Use Control Implementation Plan Submittal	08/15/2023
SRS Unit Index Number(s): 525 244 1828	SEMS Number(s): 93
R-Area Groundwater Operable Unit (NBN) Effectiveness Monitoring Report in Support of R Area Operable Unit Submittal (Reference: SRNS-RP-2010-01259, Reports will be submitted annually for the first five years [2013 through 2017]; after five years, reports will be submitted biennially, beginning June 30, 2019.)	08/31/2023
SRS Unit Index Number(s): 288	SEMS Number(s): 95
TNX Area Groundwater Operable Unit 2022 Comprehensive Groundwater Monitoring and Remedial Action Effectiveness Interim Report Submittal (Reference: WSRC-TR-95-284, Reports to be submitted annually.)	08/31/2023
SRS Unit Index Number(s): 25	SEMS Number(s): 21 29

---

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

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation & Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

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

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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

<b>Watershed</b>	<b>Site Evaluation Report Submittal Date or Field Start</b>	<b>ROD Issuance</b>	<b>RA Start or Tank Dates</b>
<b>Category (Integrator Operable Unit, Units and D&amp;D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)</b>			
<b>Area Operable Unit or Integrator Operable Unit Name</b>			
<b>Unit Name</b>			
<b>Fourmile Branch Watershed</b>			
<b>Integrator Operable Unit</b>			
Fourmile Branch Integrator Operable Unit (Including the Un-Named Tributary of Fourmile Branch South of C Area [NBN])	AUG 2001	SEP 2064	JAN 2065
Phase III Field Start	MAY 2059		
Periodic Report on the Bioassessment of Savannah River Site Streams <sup>12</sup>	SEP 2025		
Periodic Report on the Bioassessment of Savannah River Site Streams <sup>12</sup>	SEP 2032		
Periodic Report on the Bioassessment of Savannah River Site Streams <sup>12</sup>	SEP 2039		
Periodic Report on the Bioassessment of Savannah River Site Streams <sup>12</sup>	SEP 2046		
Periodic Report on the Bioassessment of Savannah River Site Streams <sup>12</sup>	SEP 2053		
SRS Index Number(s): 504			
SEMS Number(s): 84			
<b>RCRA/CERCLA Units</b>			
C-Area Groundwater Operable Unit (NBN) (including Building 108-3C, Fuel Unloading Facilities Power - Area Supv <sup>1</sup> )	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) <sup>1</sup> Operable Unit	SEP 2020	DEC 2023	DEC 2024
SRS Index Number(s): 525 244 1828			
SEMS Number(s): 93			
Sandblast Area CMH-002 (NBN) and Spill on 02/01/57 of Unknown of Seepage Basin Pipe Leak from 904-44G (NBN) Operable Unit	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 346 225			
SEMS Number(s): 61			

**Site Evaluation Areas**

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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-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<sup>6,9</sup>**

SRS Index Number: 577

SEMS Number: 79

SEP 2011

AUG 2044

NOV 2045

**Building 106-C, Process Water Storage Tank<sup>1</sup>**

SRS Index Number(s): 2232

SEMS Number(s): 79

**Building 107-C, Cooling Water Effluent Sump<sup>1</sup>**

SRS Index Number(s): 1178

SEMS Number(s): 79

**Building 109-C, Storage Basin<sup>1</sup>**

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 Containment<sup>1</sup>**

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

**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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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 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 <sup>7</sup>**

SRS Index Number: 579  
SEMS Number: 88

SEP 2035      SEP 2039      DEC 2040

Building 211-2F, Control and Check House (Early Action)

SEP 2022      DEC 2025      MAR 2027

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

Building 211-3F, Waste Truck Unloading Station (Early Action)

SEP 2022      DEC 2025      MAR 2027

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

Building 211-7F, Chemical Handling Facility (Early Action)

SEP 2022      DEC 2025      MAR 2027

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

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

SEP 2022      DEC 2025      MAR 2027

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

Building 222-F, Cold Feed Preparation Area (Early Action)

SEP 2022      DEC 2025      MAR 2027

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

Building 246-F, Equipment Test Facility (Early Action)

SEP 2022      DEC 2025      MAR 2027

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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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 247-7F, EC Process Building (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1355

SEMS Number(s): 88

Building 247-8F, Compressed Gas Storage Building (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1356

SEMS Number(s): 88

Building 247-F, Manufacturing Building (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1357

SEMS Number(s): 88

Building 647-G, Warehouse (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1480

SEMS Number(s): 88

Building 707-2F, Regulated Shops (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1412

SEMS Number(s): 88

Building 723-F, Laundry Facility (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1425

SEMS Number(s): 88

Building 728-F, Uranium Oxide Storage Building (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1426

SEMS Number(s): 88

Building 730-F, Uranium Oxide Storage Building (Early Action)

SEP 2022

DEC 2025

MAR 2027

SRS Index Number(s): 1428

SEMS Number(s): 88

Combined Spills from 221-F (NBN) (Final Action)

SEP 2035

SEP 2039

DEC 2040

SRS Index Number(s): 485

SEMS Number(s): 88

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

SEP 2035

SEP 2039

DEC 2040

SRS Index Number(s): 141

SEMS Number(s): 88

F-Area Process Sewer Lines as Abandoned (NBN) (Final Action)

SEP 2035

SEP 2039

DEC 2040

SRS Index Number(s): 563

SEMS Number(s): 88

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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**

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

SEP 2035      SEP 2039      DEC 2040

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

Sandblast Area CMF-001 (NBN) (Final Action)

SEP 2035      SEP 2039      DEC 2040

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

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

SEP 2035      SEP 2039      DEC 2040

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

Spill on 04/24/91 of .11 Ci of Pu-239 (NBN) and Spill on 05/26/88 of 10 Gallons of Ethylene  
Glycol-Rad from F-Area Laboratory (NBN) (Final Action)

SEP 2035      SEP 2039      DEC 2040

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

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

SEP 2035      SEP 2039      DEC 2040

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

**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)

FEB 2036      JAN 2040      APR 2041

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

F-Area Tank Farm, 241-F (including Combined Spills from 242-F, NBN; Spill on 10/01/71 of  
100 ft<sup>2</sup> of Flush Water-Rad, NBN; Spill on 06/26/75 of 250 ft<sup>3</sup> 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 ft<sup>2</sup> 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 ft<sup>2</sup> 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 ft<sup>2</sup> 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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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**

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 Operable Unit SRS Index Number: 581 SEMS Number: 61	SEP 2037	JAN 2042	APR 2043
Building 230-H, Demonstration Waste Incinerator (Beta-Gamma Incinerator)  SRS Index Number(s): 1555 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Building 261-H, Consolidated Incineration Facility (CIF) (Hazardous Waste Incinerator)  SRS Index Number(s): 1666 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Building 782-1H, Pump House <sup>1</sup>  SRS Index Number(s): 1727 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from 211-H (NBN)  SRS Index Number(s): 260 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from 241-84H (NBN)  SRS Index Number(s): 261 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Combined Spills from H-Canyon (NBN)  SRS Index Number(s): 512 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
Ditch to Outfall H-012 (Tributary to Fourmile Creek) (NBN)  SRS Index Number(s): 274 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
ECODS H-1 (West of H-Area Facilities) (NBN)  SRS Index Number(s): 531 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Coal Pile Runoff Basin (289-H)  SRS Index Number(s): 79 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Inactive Process Sewer Lines from Building to Manhole P-44 (081-H)  SRS Index Number(s): 142 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043
H-Area Process Sewer Lines as Abandoned (NBN)  SRS Index Number(s): 591 SEMS Number(s): 61	SEP 2037	JAN 2042	APR 2043

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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-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

**H Tank Farm Area Operable Unit**

**AUG 2039      FEB 2045      MAY 2046**

SRS Index Number: 582  
SEMS Number: 89

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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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**

N Area Operable Unit <sup>7</sup> SRS Index Number: 586 SEMS Number: 93	DEC 2033	MAR 2061	JUN 2062
Building 711-3N, Pipe Warehouse  SRS Index Number(s): 1850 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 714-6N, Miscellaneous Storage (SYLCOR)  SRS Index Number(s): 1861 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 717-11N, Electrical Lineman's Office/Warehouse  SRS Index Number(s): 1869 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 717-12N, Construction Sort Building  SRS Index Number(s): 1870 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Building 728-N, Shipping Cask Car and Railroad Car Repair Facility  SRS Index Number(s): 1887 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Engineered Drainage Ditch Northeast of the Heavy Equipment Maintenance Area (NBN)  SRS Index Number(s): 574 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
Heavy Equipment Maintenance Area Miscellaneous Units (Consisting of Heavy Equipment Wash Areas #1, #2, and #3, Pickling Building, Drum Storage Area, Spray Irrigation Field, Outfall N-01, and Outfall N-02) (NBN)  SRS Index Number(s): 573 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
N-Area Operable Unit Final Action  SRS Index Number(s): 586 SEMS Number(s): 93		MAR 2061	JUN 2062
N-Area Process Sewer Lines as Abandoned (NBN)  SRS Index Number(s): 565 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038
New Salvage Yard (741-G)  SRS Index Number(s): 311 SEMS Number(s): 93	DEC 2033	MAR 2037	JUN 2038

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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 CMN-001 (NBN)

DEC 2033      MAR 2037      JUN 2038

SRS Index Number(s): 354

SEMS Number(s): 93

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

<b>Watershed</b>	<b>Site Evaluation Report Submittal Date or Field Start</b>	<b>ROD Issuance</b>	<b>RA Start or Tank Dates</b>
<b>Category (Integrator Operable Unit, Units and D&amp;D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)</b>			
<b>Area Operable Unit or Integrator Operable Unit Name</b>			

**Lower Three Runs Watershed**

**Integrator Operable Unit**

Lower Three Runs Integrator Operable Unit

MAR 2003    JAN 2022    APR 2023

PAR Pond (685-G) (Including the Pre-Cooler Ponds and Canals) (NBN), P-Area Reactor Discharge Canal to PAR Pond (Including Pre-Cooler Ponds) (NBN), and Old R-Area Discharge Canal (NBN) (also known as Joyce Branch)

SRS Index Number(s): 505    110    312

SEMS Number(s):            35

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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**

K-Area Operable Unit Final Action SRS Index Number(s): 583 SEMS Number(s): 90		SEP 2047	DEC 2048
K-Area Process Sewer Lines as Abandoned (NBN) SRS Index Number(s): 572 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
K-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN) SRS Index Number(s): 476 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Disassembly Basin (NBN) SRS Index Number(s): 301 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041
Potential Release from K-Area Reactor Cooling Water System (186/190-K) SRS Index Number(s): 302 SEMS Number(s): 90	SEP 2034	OCT 2039	JAN 2041

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

<b>Watershed</b>	<b>Site Evaluation Report Submittal Date or Field Start</b>	<b>ROD Issuance</b>	<b>RA Start or Tank Dates</b>
<b>Savannah River Floodplain Swamp Watershed</b>			
<b>Integrator Operable Unit</b>			
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]) <sup>10,12</sup>	MAY 2001	JUN 2064	SEP 2065
Phase III Field Start	DEC 2059		
D-Area Ash Basin Wetlands (NBN) and D-006 Petroleum Release Site (NBN)			
SRS Index Number(s): 508 569 570			
SEMS Number(s): 69			
<b>RCRA/CERCLA Units</b>			
D-Area Groundwater Operable Unit (D-Area Upgradient Sources) (NBN) <sup>11</sup>	JUN 2020	MAR 2028	JUN 2029
SRS Index Number(s): 520			
SEMS Number(s): 63			
<b>Units and D&amp;D Facilities (or Remnants) Assigned to an Area Operable Unit</b>			
D Area Operable Unit <sup>2,3,8</sup>	SEP 2008	JAN 2046	APR 2047
SRS Index Number: 578			
SEMS Number: 63			
<b>Building 420-2D, Rework Handling Facility</b>			
SRS Index Number(s): 1212			
SEMS Number(s): 63			
<b>Building 420-D, Concentrator Building</b>			
SRS Index Number(s): 1214			
SEMS Number(s): 63			
<b>Building 421-2D, Moderator Handling and Storage</b>			
SRS Index Number(s): 1215			
SEMS Number(s): 63			
<b>Building 421-D, Finishing Building</b>			
SRS Index Number(s): 1218			
SEMS Number(s): 63			

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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 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)**

NOV 2020      SEP 2021

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

**D-Area Ash Basin (488-2D)**

NOV 2020      SEP 2021

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

**D-Area Ash Landfill (488-4D)**

NOV 2020      SEP 2021

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

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

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) <sup>4</sup>**

SEP 2008      JAN 2046      APR 2047

SRS Index Number(s): 70  
SEMS Number(s): 63

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

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

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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 Unit <sup>7</sup> SRS Index Number: 584 SEMS Number: 91	SEP 2034	JUL 2063	OCT 2064
Building 108-4L, Emergency Diesel Generator and Fuel Oil Storage <sup>1</sup>  SRS Index Number(s): 1770 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Operable Unit Final Action  SRS Index Number(s): 584 SEMS Number(s): 91		JUL 2063	OCT 2064
L-Area Process Sewer Lines as Abandoned (NBN)  SRS Index Number(s): 560 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
L-Area Reactor Area Cask Car Railroad Tracks as Abandoned (NBN)  SRS Index Number(s): 479 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Disassembly Basin (NBN)  SRS Index Number(s): 303 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042
Potential Release from L-Area Reactor Cooling Water System (186/190-L)  SRS Index Number(s): 305 SEMS Number(s): 91	SEP 2034	OCT 2040	JAN 2042

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

<b>Watershed</b>	<b>Site Evaluation Report Submittal Date or Field Start</b>	<b>ROD Issuance</b>	<b>RA Start or Tank Dates</b>
<b>Category (Integrator Operable Unit, Units and D&amp;D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)</b>			
<b>Area Operable Unit or Integrator Operable Unit Name Unit Name</b>			
<b>Upper Three Runs Watershed</b>			
<b>E-Area Low Level Waste Facility</b>			
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] <sup>5</sup>		MAR 2063	DEC 2063
SRS Index Number(s): 592 571 266			
SEMS Number(s): 86			
<b>Integrator Operable Unit</b>			
Upper Three Runs Integrator Operable Unit (Including Tims Branch [NBN]) <sup>12</sup>	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			
<b>RCRA/CERCLA Units</b>			
A-Area Ash Pile (788-0A) and A-Area Coal Pile Runoff Basin (788-3A) Operable Unit		OCT 2024	JAN 2026
SRS Index Number(s): 236 47			
SEMS Number(s): 62			
Building 716-A, Automotive Repair Facility and Building 725-A, Paint Shop Operable Unit	SEP 2024	SEP 2027	DEC 2028
SRS Index Number(s): 1035 1060			
SEMS Number(s): 62			
General Separations Area Eastern Groundwater Operable Unit (NBN)	SEP 2001	FEB 2046	MAY 2047
SRS Index Number(s): 549			
SEMS Number(s): 46			
General Separations Area Western Groundwater Operable Unit (NBN)	SEP 2004	JAN 2043	APR 2044
SRS Index Number(s): 575			
SEMS Number(s): 85			

**Revision 0 Appendix E: Fiscal Year 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**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**

Stormwater Outfall A-013 (NBN) Operable Unit

NOV 2021

SRS Index Number(s): 483  
SEMS Number(s): 62

**Site Evaluation Areas**

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

JAN 2052

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

F-Area Ash Landfill (288-0F)

DEC 2024

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

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

**A Area Operable Unit <sup>7</sup>**

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 2021 Long-Term Projections**  
**E.3: Field Start, ROD Issuance and RA Start Dates (including Fiscal Year 2024+)**  
**Sorted in order of Watershed, Category, and Unit Name**

<b>Watershed</b>	<b>Site</b>	<b>RA Start</b>
<b>Category (Integrator Operable Unit, Units and D&amp;D Facilities (or Remnants) Assigned to an Area Operable Unit, RCRA/CERCLA Units or FFA Facility Closures, or Site Evaluation Areas)</b>	<b>Evaluation Report Submittal Date</b>	<b>or</b>
<b>Area Operable Unit or Integrator Operable Unit Name</b>	<b>or</b>	<b>or</b>
<b>Unit Name</b>	<b>Field Start</b>	<b>ROD Issuance</b>
	<b>or</b>	<b>Tank Dates</b>

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

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

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

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

<sup>6</sup> 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.

<sup>7</sup> 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).

<sup>8</sup> 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.

<sup>9</sup> 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.

<sup>10</sup> 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.

<sup>11</sup> 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.

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

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

The following are synopses of the modifications made to the Agreement. Reference the Administrative Record File to view the entire modification.

<b>Date</b>	<b>Section or Appendix Affected by Modification</b>	<b>Modification</b>
02/03/2021	Appendices C, G, H, and K	<p>Issuance of the SCDHEC and EPA approved Revision 0 Appendix C, RCRA/CERCLA Units List for Fiscal Year 2021 (Print Date: 09/24/2020). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 21, 2021 and January 27, 2021, respectively.</p> <p>Issuance of the SCDHEC and EPA approved Revision 0 Appendix G, Site Evaluation Areas for Fiscal Year 2021 (Print Date: 09/24/2020). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 21, 2021 and January 27, 2021, respectively.</p> <p>Issuance of the SCDHEC and EPA approved Revision 0 Appendix H, Solid Waste Management Units for Fiscal Year 2021 (Print Date: 09/24/2020). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 21, 2021 and January 27, 2021, respectively.</p> <p>Issuance of the SCDHEC and EPA approved Revision 0 Appendix K, D&amp;D Facilities for Fiscal Year 2021 (Print Date: 09/24/2020). The SCDHEC and EPA approved the Revision 0 appendix in their letters dated January 21, 2021 and January 27, 2021, respectively.</p>
02/22/2021	Appendix E	<p>Issuance of the SCDHEC and EPA approved Revision 1 Appendix E, Long-Term Projections for Fiscal Year (FY) 2021 (Print Date: 01/21/2021). The SCDHEC and EPA provided comments on the Revision 0 Appendix E, Long-Term Projections for FY2021 (Print Date: 11/4/2020) on December 17, 2020 and January 5, 2021, respectively. Based on the SRS' responses to the regulatory comments, Appendices E.1 and E.2 were revised to remove the submittal of the A-Area Miscellaneous Rubble Pile (731-6A) Operable Unit Performance Evaluation Reports as discussed and agreed to by DOE, SCDHEC, and EPA during a December 16, 2020 meeting. During the meeting, DOE, SCDHEC, and EPA agreed to discontinue operation of the passive soil vapor extraction system based on modeling and empirical data from the system. Therefore, submittal of the reports is no longer required. The SCDHEC and EPA approved the Revision 1 Appendix E, Long-Term Projections for FY2021 (Print Date: 01/21/2021) on February 22, 2021.</p>