



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

JUN 21 2022

Ms. Susan B. Fulmer, P. G., Manager
Federal Remediation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Jon Richards
Savannah River 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: Fiscal Year (FY) 2022 Budget Allotment for Environmental Compliance & Area Completion Projects and Federal Facility Agreement Revision 0 Appendix D for FY2022 (Print Date: 06/17/2022)

In accordance with the terms of Section XX.B of the Federal Facility Agreement (FFA) for the Savannah River Site (SRS), the U.S. Department of Energy (DOE) is providing official notification that the Savannah River Operations Office has received its Fiscal Year (FY) 2022 Budget Advice of Allotment and accompanying Approved Funding Program authorizing the FY2022 Environmental Compliance & Area Completion Projects budget.

This submittal also includes the FFA Revision 0 Appendix D for FY2022 (Print Date: 06/17/2022) for your review as required by FFA Section XX.B. The Revision 0 Appendix D for FY2022 was revised from the approved FFA Revision 1 Appendix E: Fiscal Year 2021 Long-Term Projections, Appendix E.1: Deliverable Commitment Dates and Milestones Commitment Dates for FY2022 (Print Date: 01/21/2021, Updated 09/07/2021) as stated below.

1. The submittal date for the fourteen milestones associated with the Revision 0 Early Action Remedial Investigation (RI) Work Plan in Support of F-Area Operable Unit was revised from 01/28/2022 to 01/28/2023 in accordance with the regulatory approved *Second Extension Request for the Submittal of the Early Action Remedial Investigation Work Plan (Revision 0) and Subsequent Milestones in Support of the F-Area Operable Unit*, SEMS Number: 88 (IACD-22-108, dated November 16, 2021). This change in submittal date moved these milestones from FY2022 to FY2023. Therefore, they are not listed in the Revision 0 Appendix D for FY2022.

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2. As discussed during the June 16, 2022, D-Area Groundwater (DAG) Operable Unit (OU) Annual Reports Microsoft Teams meeting, the Savannah River Site (SRS) has entered the remedial investigation and assessment process for the DAG OU. With this transition, there is no longer a need for a long-term monitoring and reporting strategy for DAG OU (described in the *Monitoring Work Plan for the D-Area Groundwater Operable Unit (U)* (WSRC-RP-2003-4150, Revision 1, June 2004) as SRS prepares for the submittal of the Resource Conservation and Recovery Act Facility Investigation / Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment (BRA) on or before December 10, 2024 in accordance with the approved implementation schedule. SRS proposed to replace the DAG OU letter report (2021 data discussion) due on July 31, 2022 and the groundwater report (2022 data discussion) due on July 31, 2023, with a single D-Area Groundwater Monitoring Report to be submitted on January 31, 2023. The January 2023 report will discuss data from 2021 to 2022. A Post-Characterization Scoping Meeting to be scheduled in September / October 2023 time frame will include a discussion of regulatory comments on the January 2023 Groundwater Monitoring Report as well as any additional 2022 and 2023 groundwater data.

After the January 2023 report, the annual DAG OU data reporting will be suspended until after a remedial decision is made and the appropriate post-remedial action (RA) reporting requirements are agreed upon by the DOE, U.S. Environmental Protection Agency (EPA), and South Carolina Department of Health and Environmental Control (SCDHEC). However, in order to meet the reporting requirements for the 488-4D Ash Landfill, an Annual Groundwater Monitoring Report for 488-4D Ash Landfill will be submitted in July of each year, starting in July 2022 (submittal date of July 31 each year). Once the post-RA reporting for the DAG OU begins, the groundwater monitoring data for the 488-4D Ash Landfill will be reported in the DAG OU report.

Based on the above discussion, the 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) for July 31, 2022 was replaced with the 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal. Footnote 2 will be added to the 488-4D Ash Landfill Annual Groundwater Monitoring Report entry as follows: “² This report will be submitted until such time as post-remedial action reporting for the D-Area Groundwater Operable Unit resumes.”

Appendix E will be updated to reflect changes to the FY2023 and beyond milestones for the DAG OU and the 488-4D Ash Landfill reports.

As of the date of this letter, all FY2022 milestones have been met on or ahead of schedule.

Please review the enclosures and provide your comments or approval within fifteen (15) days of receipt. The effort and time that the EPA and SCDHEC have given on the subject appendix are greatly appreciated.

Ms. Susan B. Fulmer
Mr. Jon Richards

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

Sincerely,

Brian T. Hennessey

Digitally signed by Brian T. Hennessey
Date: 2022.06.17 14:52:30 -04'00'

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

IACD-22-154

Enclosure:

Revision 0 Appendix D for Fiscal Year 2022 (Print Date: 06/17/2022)

cc w/o encl:

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

cc w/encl:

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

Revision 0 Appendix D for Fiscal Year 2022

| 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 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) ¹ 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 |
| Issue Stormwater Outfall A-013 (NBN) Operable Unit Record of Decision Remedial Alternative Selection 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 |

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

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

D&D: Deactivation and Decommissioning

NBN: No Building Number

RCRA: Resource Conservation and Recovery Act

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

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

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

Revision 0 Appendix D for Fiscal Year 2022

| Deliverable or Milestone: | Milestone/ Submittal Date (MM/DD/YYYY) |
|---|---|
| D-Area Ash Basin (488-1D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 238 SEMS Number(s): 63 | 05/09/2022 |
| D-Area Ash Basin (488-2D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 272 SEMS Number(s): 63 | 05/09/2022 |
| D-Area Ash Landfill (488-4D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 548 SEMS Number(s): 63 | 05/09/2022 |
| D-Area Coal Pile Runoff Basin (489-D) Revision 0 Second Early Action Post-Construction Report Submittal in Support of D-Area Operable Unit Submittal SRS Unit Index Number(s): 69 SEMS Number(s): 63 | 05/09/2022 |
| 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 | 05/31/2022 |
| 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) SRS Unit Index Number(s): 61 62 63 64 65 66 67 SEMS Number(s): 24 | 06/17/2022 |
| 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.) SRS Unit Index Number(s): 84 88 108 SEMS Number(s): 40 59 | 06/30/2022 |

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

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

Revision 0 Appendix D for Fiscal Year 2022

| Deliverable or Milestone: | Milestone/ Submittal Date (MM/DD/YYYY) |
|---|---|
| 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 |
| 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal ² | 07/31/2022 |
| SRS Unit Index Number(s): 548 | SEMS Number(s): 63 |
| D-Area Oil Seepage Basin (631-G) Groundwater Operable Unit Mixing Zone Report Submittal (Reference: WSRC-RP-97-422, Groundwater reports will be submitted in even numbered years) | 07/31/2022 |
| 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) ¹ 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 |
| 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 |

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

Revision 0 Appendix D for Fiscal Year 2022

| Deliverable or Milestone: | Milestone/ Submittal Date (MM/DD/YYYY) |
|--|---|
| 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 RCRA Facility Investigation/Remedial Investigation (RFI/RI) Field Start | 09/30/2022 |
| SRS Unit Index Number(s): 537 98 99 | SEMS Number(s): 91 |

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