

**Shelia Mcfalls**

---

**From:** Lloyd, Diedre <Lloyd.Diedre@epa.gov>  
**Sent:** Tuesday, May 9, 2023 7:35 PM  
**To:** Cathcahe (dhec.sc.gov); Joseph Burch  
**Cc:** Richards, Jon M.; Fulmer, Susan; HENNESSEY, BRIAN; ADAMS, KAREN; MORROW, KAREN D; Chris Bergren; Shannan Lucero; Amy Meyer; Kelsey Holcomb; Rasheed Muwwakkil; Shelia Mcfalls; J Ross; Dena Brett; Elizabeth Shull; Terry Killeen; McRae, Mac; O'Quinn, Gregory; Taylorwf (dhec.sc.gov); Slocum, Christopher  
**Subject:** [EXTERNAL] RE: Federal Facility Agreement FY 2023 Milestone for the 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, July 31, 2023

Joe,

EPA also concurs that the 488-4D landfill groundwater data submitted in the 2023 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (Revision 0, March 2023) meets the annual reporting requirement for post-closure care requirements for 2022 as required by R.61-107.19 and looks forward to reviewing the data in the 488-4D Ash Landfill Annual Groundwater Monitoring Report - 2023 Data in July 2024.

Thanks, Diedre

**Diedre Lloyd**

Hydrologist | Senior Remedial Project Manager at EPA, Region IV Superfund & Emergency Management Division (SEMD)

**Phone:** 404-562-8855

**Mobile:** 404-229-9500

**Email:** [Lloyd.diedre@epa.gov](mailto:Lloyd.diedre@epa.gov)

61 Forsyth Street, SW  
Atlanta, GA 30303

[www.epa.gov](http://www.epa.gov)

---

**From:** Cathcart, Heather H. <cathcahe@dhec.sc.gov>  
**Sent:** Monday, May 1, 2023 3:12 PM  
**To:** joseph.burch@srs.gov; Lloyd, Diedre <Lloyd.Diedre@epa.gov>  
**Cc:** Richards, Jon M. <Richards.Jon@epa.gov>; Fulmer, Susan <fulmersb@dhec.sc.gov>; brian.hennessey <brian.hennessey@srs.gov>; karen-m.adams@srs.gov; Karen.Morrow@srs.gov; chris.bergren@srs.gov; Shannan.Lucero@srs.gov; Amy.meyer@srs.gov; Kelsey.Holcomb@srs.gov; rasheed.muwwakkil@srs.gov; Shelia.Mcfalls@srs.gov; j.ross@srs.gov; dena.brett@srs.gov; Ashley.Shull@srs.gov; terry.killeen@srs.gov; McRae, Mac <mac.mcrae@techlawinc.com>; O'Quinn, Gregory <OQUINNGN@dhec.sc.gov>; Taylor, William <taylorwf@dhec.sc.gov>; Slocum, Christopher <slocumcb@dhec.sc.gov>  
**Subject:** Re: Federal Facility Agreement FY 2023 Milestone for the 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, July 31, 2023

Joe,

SCDHEC concurs that the 488-4D landfill groundwater data submitted in the 2023 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U)(SRNS-RP-2023-00261, Revision 0, March 2023) meets the annual reporting requirement for post-closure care requirements for 2022 as required by R.61-107.19 and looks forward to reviewing the data in the 488-4D Ash Landfill Annual Groundwater Monitoring Report - 2023 Data in July 2024.

Please contact me if you have any questions or concerns.

Thank you,  
Heather

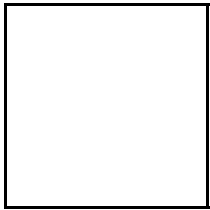
**Heather H. Cathcart**

Federal Remediation Coordinator  
Federal Remediation Section, Division of Site Assessment, Remediation & Revitalization

**S.C. Dept. of Health & Environmental Control**

Office: (803) 898-0916

Connect: [www.scdhec.gov](http://www.scdhec.gov) [Facebook](#) [Twitter](#)



---

**From:** joseph.burch@srs.gov <joseph.burch@srs.gov>

**Sent:** Monday, May 1, 2023 1:57 PM

**To:** Cathcart, Heather H. <cathcahe@dhec.sc.gov>; Lloyd, Diedre <lloyd.diedre@epa.gov>

**Cc:** Jon Richards <Richards.Jon@epa.gov>; Fulmer, Susan <fulmersb@dhec.sc.gov>; brian.hennessey <brian.hennessey@srs.gov>; karen-m.adams@srs.gov <karen-m.adams@srs.gov>; Karen.Morrow@srs.gov <Karen.Morrow@srs.gov>; chris.bergren@srs.gov <chris.bergren@srs.gov>; Shannan.Lucero@srs.gov <Shannan.Lucero@srs.gov>; Amy.meyer@srs.gov <Amy.meyer@srs.gov>; Kelsey.Holcomb@srs.gov <Kelsey.Holcomb@srs.gov>; rasheed.muwwakkil@srs.gov <rasheed.muwwakkil@srs.gov>; Shelia.Mcfalls@srs.gov <Shelia.Mcfalls@srs.gov>; j.ross@srs.gov <j.ross@srs.gov>; dena.brett@srs.gov <dena.brett@srs.gov>; Ashley.Shull@srs.gov <Ashley.Shull@srs.gov>; terry.killeen@srs.gov <terry.killeen@srs.gov>; Mac.McRae@TechLawInc.com <mac.mcrae@techlawinc.com>; O'Quinn, Gregory <OQUINNGN@dhec.sc.gov>

**Subject:** Federal Facility Agreement FY 2023 Milestone for the 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, July 31, 2023

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

**SRNS-J2000-2023-00274**

Diedre/Heather;

Reference 1: 2023 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U)(SRNS-RP-2023-00261, Revision 0, March 2023) SEMS Number 63 (DOE letter: RDDD-23-002, Date April 3, 2023)

Reference 2: FY 2023 Federal Facility Agreement (FFA) Appendix E.1 Milestone- - 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, SEMS Number(s): 63, SRS Unit Index Number(s): 548 - 07/31/2023

The SRS is requesting your concurrence that the submittal of the 2023 Groundwater Monitoring Report for the D-Area Groundwater Operable Unit (U)(SRNS-RP-2023-00261, Revision 0, March 2023) SEMS Number 63 (DOE letter: RDDD-23-002, Date April 3, 2023) met the Federal Facility Agreement (FFA) Appendix E.1 Milestone- 07/31/2023 - 488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, SEMS Number(s): 63, SRS Unit Index Number(s): 548 on April 3, 2023.

On April 3, 2023, SRS submitted *Reference 1*, which included the 2022 488-4D Ash Landfill groundwater monitoring data. Per Reference 1, Section 5.1.5 *Recommendation* states:

*“Sampling for the DAG OU will continue as outlined in Appendix B until submittal of the Corrective Measures Study/Feasibility Study. A focused 488-4D Ash Landfill monitoring report will continue to be submitted by July 31st of each year as required by SCDHEC. **This full DAG OU monitoring report includes the 2022 data for the 488-4D Ash Landfill, the next 488-4D Ash Landfill monitoring report will be submitted in July 2024.**”*

Since Reference 1 included the 2023 reporting requirement for the 488-4D Landfill Federal Facility Agreement (FFA) milestone, an additional stand-alone *488-4D Ash Landfill Annual Groundwater Monitoring Report* should not be required to meet the current FFA due date of 7/31/2023 (Reference 2). No additional data would be presented since the March 2023 report was comprehensive for the entire DAG OU and included the 2022 data specific to the 488-4D Ash Landfill. As a result, the *488-4D Ash Landfill Annual Groundwater Monitoring Report Submittal, SEMS Number(s): 63, SRS Unit Index Number(s): 548* was met on April 3, 2023 also.

The next 488-4D Ash Landfill monitoring report will be submitted on or before July 31, 2024 to discuss the 2023 monitoring data specific to the 488-4D Ash Landfill.

Please respond back with your concurrence or if you need to discuss this further.

Thanks.

-----  
Joseph Burch  
Savannah River Nuclear Solutions, LLC  
Area Completion Projects  
Building 730-4B  
Phone: 803-952-6660; Cell: 803-761-4053