



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

JAN 31 2023

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

Mr. Jon Richards  
Savannah River 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:** Treatability Study Data Report for Groundwater Injection and Discharge Canal Neutralization at the D-Area Groundwater Operable Unit (OU) 2022 Data and Information (U) (SRNS-TR-2023-00009, Revision 0, January 2023) SEMS Number: 63

In accordance with the terms of the Federal Facility Agreement (FFA), the U. S. Department of Energy is submitting the subject document for your review. Please review the enclosure and provide your comments within one-hundred-twenty (120) days of receipt. Please note that per- and polyfluoroalkyl substances (PFAS) samples were collected in December 2021 and data from the two production wells (PW 3D and PW 136D) was received in January 2022 but was not included in the 2022 report. These wells are screened in zones between the depths of 640 to 750 feet below ground surface within the McQueen Branch Aquifer. PW 3D is currently being used for the groundwater injections associated with the current D-Area Groundwater Treatability Study. PW 136D may be used in the future, if necessary. The two samples were analyzed for 25 PFAS constituents using method EPA 533 with all sample data being non-detects. The complete PFAS sample results are included in this report.

The effort and time that the South Carolina Department of Health and Environmental Control and the U. S. Environmental Protection Agency have provided on this operable unit are greatly appreciated. Questions from you or your staff may be directed to me at (803) 952-8365.

Sincerely,

**Brian T. Hennessey** Digitally signed by Brian T. Hennessey  
Date: 2023.01.26 15:46:44 -05'00'

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

JAN 31 2023

Ms. Susan Fulmer  
Mr. Jon Richards

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Enclosure:

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cc w/o encl:

J. Blalock, SCDHEC-Columbia  
S. French, SCDHEC-Columbia  
M. Reece, SCDHEC-Columbia  
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R. H. Pope, EPA-Atlanta

cc w/encl:

D. Lloyd, EPA-Atlanta  
M. McRae, TechLaw, Inc.