



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

**JUN 17 2025**

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 Environmental Services  
2600 Bull Street  
Columbia, South Carolina 29201

Mr. Jon Richards  
Savannah River Site Remedial Project Manager  
Superfund and Emergency Management Division  
U. S. Environmental Protection Agency, Region 4  
61 Forsyth Street, SW  
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

**SUBJECT:** Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) (U) April 2024 through March 2025 (SRNS-RP-2025-00708, Revision 0, June 2025) and Groundwater Model Update for Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) (U) (SRNS-RP-2024-01410, Revision 0, June 2025) SEMS Number: 24

In accordance with the terms of the Federal Facility Agreement (FFA), the U. S. Department of Energy (DOE) is submitting the subject report and supporting document for your review. This model updates the one reported in 2017 using newly collected surface water, groundwater, soil and soil boring data which resulted in a recalibrated flow model and updated predictive simulations of future solute transport of tetrachloroethylene, trichloroethylene, 1,4-dioxane, and lindane. Please review the enclosures and provide your comments or approval within one-hundred and twenty (120) days of receipt. The time and effort that the South Carolina Department of Environmental Services and the U. S. Environmental Protection Agency have given on the subject operable unit are greatly appreciated.

Comments or questions from you or your staff may be directed to me at (803) 952-6211 or the DOE Program Manager, April Coffman, at (803) 508-0490.

Sincerely,

**MATTHEW  
BAKER**

Digitally signed by  
MATTHEW BAKER  
Date: 2025.06.11 15:15:47  
-04'00'

Matthew R. Baker  
Acting FFA Remedial Project Manager  
DOE-Savannah River Operations Office  
Remediation, Deactivation, and Decommissioning Division

RDDD-25-140

JUN 17 2025

Ms. Susan Fulmer  
Mr. Jon Richards

2

Enclosures:

1. Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) (U) April 2024 through March 2025 (SRNS-RP-2025-00708, Revision 0, June 2025) SEMS Number: 24
2. Groundwater Model Update for Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) (U) (SRNS-RP-2024-01410, Revision 0, June 2025) SEMS Number: 24

cc w/o encl:

M. Reece, SCDES-Columbia  
H. J. Porter, SCDES-Columbia  
J. Blalock, SCDES-Columbia  
S. French, SCDES-Columbia  
R. G. Stewart, SCDES-Columbia  
M. Mehta, SCDES-Columbia  
G. O'Quinn, SCDES-Midlands Aiken Environmental Affairs Office  
T. G. Corley, SCDES-Midlands Aiken Environmental Affairs Office  
C. L. Robertson, SCDES-Midlands Aiken Environmental Affairs Office  
E. G. Downing, SCDES-Midlands Aiken Environmental Affairs Office  
H. L. Herlong, SCDES-Midlands Aiken Environmental Affairs Office

cc w/ encl:

H. H. Cathcart, SCDES-Columbia  
M. McRae, TechLaw, Inc.