



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 4
 ATLANTA FEDERAL CENTER
 61 FORSYTH STREET
 ATLANTA, GEORGIA 30303-8960

December 2, 2017

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Brian Hennessey, 730-B
 SRS Remedial Project Manager
 Savannah River Operations Office
 Area Completion Projects
 Post Office Box A
 Aiken, South Carolina 29802



Dear Mr. Hennessey:

The U.S. Environmental Protection Agency (EPA) has reviewed the Department of Energy, Savannah River Site 2016 D Area Oil Seepage Basin Operable Unit (631-G) Groundwater Mixing Zone Letter Report, CERCLIS #27.

EPA cannot provide approval for this report until the attached comment is addressed.

If you have any concerns or questions, please contact me at (404) 229-9500.

Sincerely,

Diedre Lloyd: ef

Diedre Lloyd
 Remedial Project Manager
 Restoration and Sustainability Branch
 Superfund Division

Attachment:

cc: Angelia Adams, DOE-SRS
 Phil Prater, DOE-SRS
 Karen Adams, DOE-SRS
 C. L. Bergren, SRNS-ACP (Signed Original)
 Susan Fulmer, SCDHEC

**EPA COMMENTS ON THE
2016 D AREA OIL SEEPAGE BASIN OPERABLE UNIT
GROUNDWATER MIXING ZONE LETTER REPORT**

CERCLIS NUMBER: 27

JULY 2017

**SAVANNAH RIVER SITE
AIKEN, SOUTH CAROLINA**

EPA COMMENTS:

1. On Page 5 the Calendar Year 2016 D-Area Oil Seepage Basin Operable Unit (631-G) Groundwater Mixing Zone Letter Report, CERCLIS Number: 27, dated July 2017 (2016 Annual Report) presents a discussion of how the Natural Attenuation/Groundwater Mixing Zone (NA/GWMZ) remedy may not be sufficient to meet the remedial action objective for groundwater cleanup, particularly for plume compliance wells DOL 2, DOB 11, and DOB 15 within a reasonable timeframe. Additionally, the text in the Conclusion section on Page 7 states Field data collected in 2016 indicate that the groundwater conditions are not fully balanced for reductive dechlorination. However, the 2016 Annual Report does not include a recommendation as to how this issue is to be addressed (i.e. updating the conceptual site model, discuss with team members to determine an alternative path forward, if necessary, etc.). Please revise and include recommendations in the 2016 Annual Report that will address the above mentioned issues.