



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

FEB - 6 2018

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

Dear Ms. Fulmer:

SUBJECT: Extension Request for the Utilization of the D-Area Ash Basin (488-1D) Inlet Basin Water for Irrigation Purposes, CERCLIS Number: 63

The Savannah River Site (SRS) requests South Carolina Department of Health and Environmental Control's (SCDHEC) concurrence to continue the utilization of the 488-1D Inlet Basin storm water for the irrigation of the 488-4D Ash Landfill and 488-D Ash Basin covers through June 30, 2018 in support of the 488-1D Ash Basin Removal Action. SRS anticipates the 488-1D Ash Basin to be covered with the liner system by the end of May 2018, eliminating the need to manage water that has contacted ash as industrial wastewater. SCDHEC previously provided approval to SRS to proceed with irrigation from the 488-1D Ash Basin through February 28, 2018 (Letter dated July 20, 2017, ARF-021219). The irrigation provides a risk contingency in the event of unforeseen weather events that could impact the completion of the D-Area Ash Project.

As previously agreed, a portable pump along with transport pipes and sprinkler heads will continue to be used and operated to provide enough pressure head to deliver the water to the application zones. Irrigation controls are as follows:

- Irrigation is limited to the top of the grassed caps; no side slope irrigation is allowed.
- During operation, the site will be monitored for runoff. There will be no visible water runoff from the wetted area resulting from the irrigation system; application rates will be modified as necessary to ensure no runoff.
- Irrigation and rainfall will be monitored in the application area with rain gauge(s) to ensure that 2 days of rest is maintained to prohibit over saturation of the cover system.

Please review the information contained in this letter and provide your approval to continue irrigation prior to February 28, 2018.

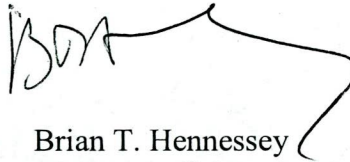
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Ms. Susan Fulmer

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The effort and time that the SCDHEC have given on the subject operable unit are greatly appreciated. Questions from you or your staff may be directed to me at (803) 952-8365, or the U.S. Department of Energy Federal Project Director, Ms. Karen Adams, at (803) 952-7871.

Sincerely,

A handwritten signature in black ink, appearing to read "BTH", with a long, sweeping horizontal line extending to the right.

Brian T. Hennessey
SRS Remedial Project Manager
Area Completion Project

IACD-18-129

cc:

D. Scaturo, SCDHEC-Columbia
S. French, SCDHEC-Columbia
M. D. Wilson, SCDHEC-Columbia
G. K. Taylor, SCDHEC-Columbia
T. R. Fuss, SCDHEC - Aiken Environmental Affairs Office
R. H. Pope, EPA-Atlanta
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