

SAVANNAH RIVER SITE JANET GRIFFIN
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Aiken SC 29808

AFFIDAVIT OF PUBLICATION

Aiken Standard

The North Augusta Star

State of South Carolina

County of Aiken

Personally appeared before me the undersigned advertising clerk of the Aiken Standard, a seven day per week newspaper published in Aiken, South Carolina, and made oath in due form of law that the advertisement of

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05/30/18 Wed AS
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at a cost of **\$326.12**
Account# **253106**
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P.O. Number: **Action Memorandum**

SWORN and subscribed to before
me today, 06/02/2018

Gloria Sawyer
advertising clerk

Jennifer L. Mills

JENNIFER L. MILLS
Notary Public, South Carolina
My Commission Expires
April 02, 2024

PUBLIC NOTICE

Action Memorandum and Responsiveness Summary issued for the Non-Time Critical Removal Action for the C-Area Groundwater Operable Unit

The U. S. Department of Energy (DOE) has selected the preferred alternative for the non-time critical removal action for the C-Area Groundwater Operable Unit (CAGW). A thirty (30)-day public comment period for the CAGW Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis was held from March 13, 2018 to April 11, 2018.

The CAGW is one of the several groundwater operable units identified at the Savannah River Site (SRS). The CAGW is located within the Fourmile Branch watershed and encompasses groundwater beneath C-Area. The C-Area is situated near the center of the SRS. The CAGW includes a volatile organic compound groundwater plume containing primarily trichloroethylene (TCE), with minor quantities of tetrachloroethylene, and a tritium groundwater plume. The tritiated groundwater will be addressed in a separate, future decision and is not part of this removal action.

DOE has selected Alternative 2, Treatment Barrier Using Emulsified Edible Oil for the distal portion of the CAGW TCE groundwater plume. A mixture of emulsified edible oil, water and buffer solution will be injected into the groundwater at the areas of highest TCE concentrations in the distal portion of the CAGW TCE groundwater plume. The emulsified edible oil will provide a carbon source for the microbes already present within the area that will aid in the destruction of the TCE. The emulsified oil also acts to adsorb the TCE as the water flows through the injection zone, thus reducing the mobility of the TCE. This alternative will not preclude any additional remediation of the CAGW and is expected to be consistent with the expected final remedial action.

The selection of the preferred alternative is documented in the Action Memorandum. DOE has worked with the South Carolina Department of Health and Environmental Control and the U. S. Environmental Protection Agency to ensure that the removal action is consistent with all applicable human health and environmental requirements.

Copies of the Action Memorandum and Responsiveness Summary are available in the administrative record. The administrative record is available in the information repositories listed below:

- DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina-Aiken campus in Aiken, SC; and
- Thomas Cooper Library Government Documents Department at the University of South Carolina in Columbia, SC.

Hard copies of the Action Memorandum and Responsiveness Summary are available at the following:

- Reese Library Government Information Section at Augusta University in Augusta, GA; and
- Asa H. Gordon Library at Savannah State University in Savannah, GA.

For additional information, contact

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May 30, 2018