

# AFFIDAVIT OF PUBLICATION

**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 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.

ATTORNEY OR AGENCY: SAVANNAH RIVER NUCLEAR SOLUTIONS  
 BLDG 730-1B, 3139  
 AIKEN, SC 29808

ACCOUNT NUMBER: 23479  
 AD NUMBER: 0003048880-01  
 PO NUMBER:

STATE OF GEORGIA  
 COUNTY OF RICHMOND

Personally appeared before me, **James Holmes**, to me known, who being sworn, deposes and says: That he/she is the authorized agent of GateHouse Media Georgia Holdings, Inc, doing business in said County under the trade name of **The Augusta Chronicle**, a newspaper in said County; That he/she is authorized to make affidavits of publication on behalf of said publisher company: **The Augusta Chronicle**; that said newspaper is of general circulation in said county and in the area adjacent thereto; that he/she has reviewed the regular editions of said newspapers published on:

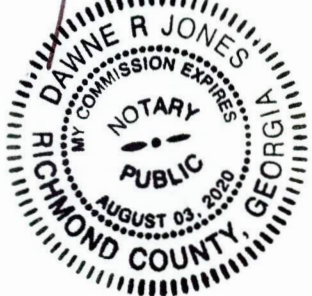
05/30/2018

and finds that the following advertisement appeared in each of said editions, to-wit:

\_\_\_\_\_ (deponent)  
 Sworn to and subscribed before me

This 30th day of May, 2018

\_\_\_\_\_  
 Notary Public Richmond County, Georgia.



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 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.

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