

The Savannah River Site Environmental Bulletin

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Revision 3 Action Memorandum Issued for the Non-Time Critical Removal Action for the D-Area Coal Pile Runoff Basin (489-D)

The U. S. Department of Energy (DOE) has selected the preferred alternative for the non-time critical removal action for the southern section of the D-Area Coal Pile Runoff Basin (CPRB) (489-D), a subunit of the D-Area Operable Unit (DAOU), located at the Savannah River Site (SRS). The selection of the preferred alternative is documented in the Revision 3 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 environmental requirements.

The DAOU is one of the area operable units identified at the SRS located within Barnwell County. DAOU is located in the southwest quadrant of SRS approximately 3,000-feet east of the nearest site boundary, the Savannah River. The DAOU is 210 acres and contains surface units and source areas in D Area that potentially pose a threat to human health and the environment. The 489-D CPRB was a storm water basin that previously managed storm water runoff that originated from the former coal yard adjacent to the D-Area Powerhouse. In order to support the D-Area Powerhouse operations, a phased approach was applied for the closure of the 489-D CPRB. The northern section (approximately twenty-five percent of the overall basin area) was closed in 2011. The southern section (approximately seventy-five percent of the overall basin area) continued to function as a storm water basin until the D-Area Powerhouse ceased operations in April 2012.

The Revision 3 Action Memorandum (IACD-15-168, dated August 11, 2015) discusses the removal action for the closure of the southern section of the 489-D CPRB. The purpose of this Action Memorandum is to document and describe the removal action for excavation and disposal of the residual coal fines remaining in the southern section with the goal of unrestricted land use upon completion. Once the coal fines and residual coal-related contaminants have been successfully removed, clean fill material will be placed in the southern section of the 489-D CPRB, and the area will be contoured and re-graded to function as a storm water retention basin. The Revision 3 Action Memorandum has no impact on earlier decisions, including land use controls, for the northern section of the 489-D CPRB.

A copy of the Revision 3 Action Memorandum is 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 Revision 3 Action Memorandum are available at the following:

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

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The SRS Environmental Bulletin

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