

The Savannah River Site Environmental Bulletin

June 20, 2018

Volume 30, Number 7

RECORD OF DECISION AVAILABLE FOR THE WETLAND AREA AT DUNBARTON BAY IN SUPPORT OF STEEL CREEK INTEGRATOR OPERABLE UNIT AT THE SAVANNAH RIVER SITE

The Record of Decision (ROD) for Remedial Alternatives for the Wetland Area at Dunbarton Bay (WADB), a subunit of the Steel Creek Integrator Operable Unit, is being issued by the U.S. Department of Energy (DOE), the lead agency for the Savannah River Site (SRS), with concurrence by the U.S. Environmental Protection Agency – Region 4 (EPA), and South Carolina Department of Health and Environmental Control (SCDHEC). The ROD was completed to meet the terms of the Federal Facility Agreement (FFA) for the SRS, which governs the investigation and cleanup of operable units. The FFA integrates the requirements of the Resource Conservation and Recovery Act and the Comprehensive Environmental Response, Compensation, and Liability Act.

The WADB is located at the SRS in Barnwell County, South Carolina. At the SRS, P-Reactor operated between 1954 and 1991 and utilized a coal-fired powerhouse to generate steam and electricity, with coal ash produced as a waste of boiler operations. The ash was disposed into the P-Area Ash Basin. During removal activities at the P-Area Ash Basin in 2010, an area of ash overflow was discovered south of the P-Area Ash Basin extending into the Dunbarton Bay (wetland area). The source of the ash is believed to have resulted from storm water overflows from the P-Area Ash Basin. A remedial action is needed at the WADB due to contaminants that are present in surface ash/soil media that may pose a threat to human health and the environment.

DOE, EPA, and SCDHEC have reviewed the risks associated with the WADB and have evaluated cleanup alternatives. The selected remedial alternative for the WADB is the excavation of ash and ash-contaminated soil media extending from the P-Area Ash Basin to the edge of a 30-meter (100-feet) buffer around the Dunbarton Bay (wetland area) and disposal of the excavated ash at an approved off-SRS permitted disposal facility. Land Use Controls to prevent unrestricted use or exposure were also selected as part of the remedial action since some materials would be left in place within the environmentally sensitive areas of Dunbarton Bay.

Copies of the ROD 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 (USC)-Aiken campus in Aiken, SC; and
- Thomas Cooper Library Government Information and Maps Department at USC in Columbia, SC.

Hard copies of the ROD are available at the following locations:

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

An electronic copy of the ROD is posted at the following address: <http://irmsrv02.srs.gov/general/programs/soil/rod/rod.html>

For additional information, contact: Janet Griffin, Savannah River Nuclear Solutions, LLC, Savannah River Site, 730-1B, Aiken, SC 29808

The SRS Environmental Bulletin

For additional information about the five-year remedy review process at SRS, please contact:

Janet Griffin
Savannah River Nuclear Solutions
Aiken, S.C. 29808
(803) 952-8467
email: janet.griffin@srs.gov

Mailing List Information

Add to mail list Correct my address Remove from mail list

Name _____

Mailing Address _____

E-mail Address _____

Mail to: SRS Environmental Bulletin
Savannah River Site, Building 730-1B
Aiken, SC 29808

Save a stamp! E-mail your changes to janet.griffin@srs.gov



13000040



The SRS Environmental Bulletin

Savannah River Site
Building 730-1B
Aiken, S.C. 29808