



Environmental Bulletin

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from the Savannah River Site

Pre-Construction Fact Sheet Issued for Chemicals, Metals, and Pesticides Pits Operable Unit

The United States Department of Energy, United States Environmental Protection Agency, and South Carolina Department of Health and Environmental Control announce the availability of a Pre-construction Fact Sheet for the Chemicals, Metals, and Pesticides Pits Operable Unit (CMP OU). This fact sheet provides a description of the remedial actions selected for the CMP OU at the Savannah River Site (SRS).

The CMP OU is a Resource Conservation and Recovery Act/ Comprehensive Environmental Response, Compensation, and Liability Act (RCRA/CERCLA) unit. The CMP Pits are located in the central portion of the SRS in Barnwell County, approximately 5,200 feet north of the L-Area perimeter fence. The Pen Branch stream is located approximately 1,250 feet north of the unit. The CMP OU consists of the CMP Pits and soils, Ballast Area soils, surface water, and groundwater. When active, the CMP consisted of seven unlined pits, placed in two rows, on top of a knoll. The pits were 10 to 15 feet wide, 45 to 70 feet long, and 10 to 15 feet deep. The Ballast Area, located at the northern edge of the knoll, is an area of soil contamination that extends down the side slope of the knoll for a distance of 20 to 30 feet.

The interim remedial action for this subunit entails the following:

- Construct Windrows – Treatment pads will be constructed in a manner similar to that used during the Treatability Study. Contaminated soil in the Ballast Area will be excavated to a maximum depth of 4 feet and placed into windrows on the treatment pads. Baseline sampling will be performed.
- Conduct Enhanced Bioremediation Process – Amendments will be added and soils will be turned to control the aerobic/anaerobic conditions of the windrow. Monitoring and sampling will be performed to assess the progress made during the process and validate that remedial goals have been achieved.
- Return treated soil back to the Ballast Area and establish vegetation to prevent erosion.

There will be no health hazards posed to off-site communities as a result of this remedial action.

The Pre-construction Fact Sheet for the SRS Chemicals, Metals, and Pesticides Pits operable unit is available at the following locations: DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina (USC)-Aiken campus in Aiken, SC; Thomas Cooper Library Government Documents Department at USC in Columbia, SC; Reese Library at Augusta State University in Augusta, GA; and Asa H. Gordon Library at Savannah State University in Savannah, GA.

For additional information contact Jim Moore at 1-800-249-8155 or e-mail: jim02.moore@srs.gov

Upcoming 2004 SRS Citizens Advisory Board Meetings

March 22 -23
Sheraton Hotel & Conference Center
Columbia, SC

May 24 – 25
Radisson Hotel
Savannah, GA

**For more information call 1-800-249-8155 or
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