



Environmental Bulletin

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from the Savannah River Site

Record of Decision Available for the SRS C Area Burning/Rubble Pit Operable Unit

This Record of Decision (ROD) is being issued by the United States Department of Energy (DOE), the lead agency for the Savannah River Site (SRS), with concurrence by the United States Environmental Protection Agency – Region 4 (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) announcing the remedial alternative selections for the C Area Burning/Rubble Pit Operable Unit (OU) at SRS.

The CBRP was constructed in the early 1960s. It is a shallow, unlined excavation measuring approximately 25 ft wide, 350 ft long, with a depth of 8 ft to 12 ft. and was used as a waste burn pit for volatile organic compounds (VOCs), used oil, paper, plastics and rubber. After 1973, burning was ceased and the pit was used to dispose of inert rubble. Contamination from the early disposal practices has migrated into the subsurface soils and leached into the groundwater creating a VOC plume approximately 4000 ft long and 1000 ft wide. The plume discharges into wetlands that feed Fourmile Branch Creek. The primary constituent of concern for the groundwater plume at CBRP OU is trichloroethylene (TCE).

The DOE, the EPA and the SCDHEC have reviewed the risks associated with this unit and have evaluated cleanup alternatives. The following remedy has been selected for the CBRP:

- Source area (vadose zone) and pit (S-2) - maintain the existing 1 x 10⁻⁶ cm/sec soil cover system, continue operation of the existing active microblowers, institutional controls, and groundwater monitoring.
- Groundwater (GW-2) - implementation of a Monitored Natural Attenuation (MNA) remedy, with institutional controls, and groundwater monitoring.

Surface water (SW-2) - implementation of a MNA remedy to reduce groundwater concentrations thereby reducing surface water concentrations, institutional controls, and surface water monitoring.

The selected remedies will be protective of human health and the environment. They are also intended to be the final actions for the CBRP OU.

The Record of Decision is part of the Administrative Record File and is available for public review during normal business hours at the following information repositories.

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

Hard copies of the Record of Decision are available at the following:

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

Any comments or questions may be directed to

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