



Environmental Bulletin

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from the Savannah River Site

Record of Decision Issued for the M-Area Inactive Process Sewer Lines (081-M) Operable Unit

The United States Department of Energy (DOE), the United States Environmental Protection Agency – Region 4 (EPA), and the South Carolina Department of Health and Environmental Control (SCDHEC) have selected the remedial approach for the M-Area Inactive Process Sewer Lines (MIPSL) Operable Unit (OU) at the Savannah River Site (SRS). A 45-day public comment period for the Statement of Basis/Proposed Plan and the associated draft Resource Conservation and Recovery Act (RCRA) permit modification was held from June 15, 2006 to July 29, 2006.

The DOE, EPA and SCDHEC have determined that the preferred remedial action consists of the following:

Phased Soil Vapor Extraction Enhanced with Soil Fracturing and Institutional Controls: Phased Soil Vapor Extraction Enhanced with Soil Fracturing will be implemented in areas where volatile organic compounds [e.g., trichloroethylene (TCE) and tetrachloroethylene (PCE)] are present in the vadose zone. Institutional Controls, including grouting of the MIPSL manholes to prevent access, will be implemented at the MIPSL OU.

This alternative will be protective of human health and the environment. It is also intended to be the final action for the MIPSL OU.

The MIPSL OU is located in the northwest portion of SRS, in M-Area. The MIPSL OU is comprised of the southern portions of the M-Area Settling Basin Inactive Process Sewer to Manhole 1 (MIPS; Building Number 081-M), including the Southern Portions of the 313-M Inactive Clay Process Sewer Lines to Tims Branch, no building number (NBN) and the Southern Portions of the 320-M Inactive Clay Process Sewer Lines from the Building Slab to the Former Security Fence, NBN (313-MIPS). The scope of the MIPSL OU remedial action is limited to the vadose zone. Groundwater is not considered part of the scope for the MIPSL OU. Any groundwater contamination resulting from the MIPSL OU is regulated by the SRS RCRA Part B Permit.

The remedial decision is documented in the Record of Decision. This document includes a Responsiveness Summary that addresses public comments. DOE has worked with SCDHEC and EPA to ensure that the remedial approach is consistent with all applicable environmental requirements.

Copies of the Record of Decision 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-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 Record of Decision are available at the following locations:

- 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 the address listed below:

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The SRS Environmental Bulletin

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