



Environmental Bulletin

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from the Savannah River Site

Central Shops Sewage Sludge Lagoon

Proposed Plan recommends remedial approach

The Department of Energy (DOE) will release a Statement of Basis/Proposed Plan on August 8, 2001, describing the proposed remedial approach for the Central Shops Sewage Sludge Lagoon (CSSSL) Operable Unit at the Savannah River Site (SRS). The South Carolina Department of Health and Environmental Control (SCDHEC) will also release a draft Resource Conservation and Recovery Act (RCRA) permit modification for the proposed remedial action for this unit. These documents will be available for public review and copying at the locations listed below. The public comment period is scheduled for August 8, 2001, to September 21, 2001.

DOE, the U.S. Environmental Protection Agency (EPA), and SCDHEC have reviewed the risks associated with this unit and have evaluated cleanup alternatives. The three agencies are recommending the following action for the Central Shops Sewage Sludge Lagoon Operable Unit:

No Action - The No Action alternative is the preferred alternative for the CSSSL. This means that no remedial action will be performed at the CSSSL. There is no waste to treat and no institutional or engineering controls are required. Because no further action will be taken, the CSSSL will remain in its present condition. No capital and/or operation and maintenance costs will be involved for this action. This alternative will be protective of human health and the environment. It is also intended to be the final action for the Central Shops Sewage Sludge Lagoon Operable Unit.

The CSSL and its associated components are located less than 0.25 mi. southwest of the industrial area of Central Shops in the central portion of SRS. Initially, the CSSL OU included a buried sanitary sewer line, the lagoon, and an overflow ditch. The lagoon had approximate dimensions of 60 ft by 40 ft by 10 ft deep. The lagoon was surrounded by an earthen berm and was equipped with an overflow pipe that fed an asphalt-lined overflow ditch. The overflow ditch led to a Carolina Bay approximately 700 ft away.

From the early 1950s to mid 1970s, the lagoon was used as an oxidation pond for the treatment of sanitary waste from Central Shops. From the mid-1970s until closure in 1988, the lagoon was used as a sewage sludge disposal location. The lagoon was closed in October 1988. All primary source material in the lagoon and 2 ft of underlying soil were removed from the unit. The earthen berm was pushed into the lagoon, and the unit was backfilled to grade and seeded to establish vegetative cover. The underground sewer line was capped at both ends after removal of two manholes and abandoned

in place. The third manhole located adjacent to the asphalt storage area was filled with grout in June 2000.

Comments on the Statement of Basis/Proposed Plan and the draft RCRA permit modification are requested by September 21, 2001. Upon completion of the public comment period, a Responsiveness Summary that addresses public comments will be prepared. The Responsiveness Summary will be made available with the Record of Decision and the final RCRA permit decision and will be sent to each person who submits comments.

Copies of the Statement of Basis/Proposed Plan are available in the administrative record, which also contains the RCRA Facility Investigation/Remedial Investigation with Risk Assessment Report for this unit. The administrative record is available in the DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina-Aiken campus in Aiken, SC and the Thomas Cooper Library Government Documents Department at the University of South Carolina in Columbia, SC.

Hard copies of the Statement of Basis/Proposed Plan are available at the Reese Library at Augusta State University in Augusta, GA; and Asa H. Gordon Library at Savannah State University in Savannah, GA.

The Statement of Basis/Proposed Plan is also available on the Internet in the SRS Home Page under (<http://www.srs.gov>), under "Happening Now," (<http://www.srs.gov/general/srs-home.htm>) and on the SRS Environmental Restoration Home Page, under "Public Involvement," (<http://www.srs.gov/general/srenviro/erd/pub/pubinv.html>).

Copies of the draft RCRA permit modification/s are available for review at SCDHEC during regular business hours, 8:30 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at SCDHEC, Bureau of Land and Waste Management, 8901 Farrow Road, Columbia, South Carolina 29203, Phone: (803)896-4000, or SCDHEC, Lower Savannah District, Environmental Quality Control Office, 218 Beaufort St., N.E., Aiken, SC 29802, Phone: (803) 641-7670.

If there is interest in discussing this recommended remedial approach, a public hearing may be requested. Comments on the Statement of Basis/Proposed Plan should be sent to Mr. Jim Moore and Mr. John Litton. Comments on the draft RCRA permit modification or requests for a public hearing should be sent to Mr. John Litton. For additional information or to request a public meeting contact Jim Moore (see address on back of page) or SCDHEC, Attn: John Litton, P.E., Director, Division of Waste Management, Bureau of Land and Waste Management, 2600 Bull Street, Columbia, SC 29201, (803) 896-4000.

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For more information on this or other
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Public Involvement

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