



Environmental Bulletin

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from the Savannah River Site

Statement of Basis/Proposed Plan Available for Gunsite 012 Operable Unit (NBN) at the Savannah River Site

The United States Department of Energy (DOE) will release a Statement of Basis/Proposed Plan (SB/PP) on December 20, 2010 describing the proposed remedial approach for the Gunsite 012 Operable Unit (OU) 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 December 20, 2010 to February 3, 2011.

The SB/PP was completed to meet the terms of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), a law governing the investigation and cleanup of waste units. DOE has worked with the United States Environmental Protection Agency-Region 4 (EPA) and the SCDHEC to ensure the remedial approach is consistent with all applicable environmental requirements.

According to the Federal Facility Agreement, the Gunsite 012 OU (NBN) includes three RCRA / CERCLA units, the Gunsite 012 Rubble Pile (NBN), the Rubble Pile Across from Gunsite 012 (NBN), and the Early Construction and Operational Disposal Site (ECODS) G-3 (NBN) adjacent to Gunsite 012. From 1955 to 1957 the Gunsite 012 OU was an anti-aircraft gun emplacement that provided physical protection for SRS facilities against possible enemy air attack. The areas that make up the Gunsite 012 OU included administrative and housing facilities for support staff. In 1961 the site was dismantled and abandoned leaving concrete building pads in place. In the mid-1990s the gunsite was used for storage of creosote-treated railroad crossties and utility poles. Until the earlier part of 2010, there were asphalt tiles containing asbestos on the remaining concrete building pads and in soil piles near the building pads. The asphalt tiles have since been removed from both areas. The tiles on the building pads were removed during SRS routine maintenance activities while the piles of asphalt tiles on top of nearby soil were dispositioned via a CERCLA non-time critical removal action. Currently, the concrete building pads, a parking pad area, an Early Construction Operation Disposal Site, a disposal trench, and abandoned gun emplacement areas remain at the Gunsite 012 OU.

DOE, EPA, and SCDHEC have reviewed the risks associated with the Gunsite 012 OU and evaluated cleanup alternatives. Within the Gunsite 012 Rubble Pile polycyclic aromatic hydrocarbons (PAHs) in surface soil and antimony in the disposal trench were determined to be problems that warranted a remedial action. The PAHs were identified as a risk to human receptors based on the potential exposure of future residents and industrial workers to unacceptable levels of PAHs in the soil. The PAHs were likely introduced to the unit from tar material used to adhere the floor tiles to the concrete building pads. At the disposal trench antimony was identified in surface soil as a risk to future residents. There are no mobile or highly toxic materials (principal threat source material) associated with the Gunsite 012 Rubble Pile (NBN). The recommended remedial action will effectively reduce the exposure of human receptors to unacceptable levels of PAHs and antimony in surface soil. The preferred alternative for the Gunsite 012 Rubble Pile (NBN) is "Land Use Controls."

There were no problems identified for the Rubble Pile Across from Gunsite 012 or for ECODS G-3. Also, there are no mobile or highly toxic materials (principal threat source material) associated with these two RCRA/CERCLA units. Additionally, the two units have no current or potential threat to the public health, welfare, or environment. Therefore, no remedial action is necessary for the units. "No Action" is the preferred alternative for the Rubble Pile Across from Gunsite 012 (NBN) and for the ECODS G-3 (NBN).

Comments on the SB/PP and the draft RCRA permit are requested by February 3, 2011. 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 modification and will be sent to each person who submits comments. Copies of the SB/PP are available in the administrative record file. The administrative record file is available in the information repositories listed as follows:

- 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 SB/PP are available at the following:

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

An electronic copy of the SB/PP is posted at the following address: <http://www.srs.gov/general/programs/soil/pub/pubinv.html>

Copies of the draft RCRA permit modification 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 the following locations:

SCDHEC	or	SCDHEC-Region 5
Bureau of Land and Waste Management		Aiken EQC Office
8911 Farrow Road		206 Beaufort St., N.E.
Columbia, SC 29203		Aiken, SC 29801
Phone: (803) 896-4000		Phone: (803) 641-7670

If there is interest in discussing this recommended remedial approach, a public hearing may be requested. Comments on the SB/PP should be sent to Mr. Paul Sauerborn. Comments on the draft RCRA permit modification or requests for a public hearing should be sent to Mr. Richard Haynes. For additional information or to request a public meeting contact:

Paul Sauerborn	or	SCDHEC
SRNS, LLC		Attn: Richard Haynes, P.E., Director
Savannah River Site		Division of Waste Management
Building 730-1B		Bureau of Land and Waste Management
Aiken, SC 29808		2600 Bull Street
(803) 952-6658		Columbia, SC 29201
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**For more information on this or
other environmental and compli-
ance activities at SRS, contact:**

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