

BFI - Solley Road

Solley Road
Glen Burnie, MD 21061
Congressional District 2
EPA ID #: MDD000797365
Last Updated: 12/30/2008

Current Progress at the Site

This facility is one of EPA Region III's high priority RCRA corrective action sites and EPA has determined that both the Human Exposure and Groundwater Environmental Indicators have been met.

In July 1991, EPA issued a Corrective Action Permit to BFI to conduct investigations, perform interim measures and monitor the contamination associated with the facility. EPA, the State of Maryland (MDE) and the facility have worked jointly to complete the requirements of the permit which required BFI to complete the Verification Investigation and RCRA Facility Investigations to document that Volatile Organic compounds (VOCs) was a concern to the groundwater and air media. Also, BFI implemented, and is currently operating and monitoring numerous stabilizations/interim measures which include a ground water recovery and treatment system, an active landfill gas extraction system, and the construction of a state-of-the-art landfill cap.

Monitoring of the ground water recovery and treatment system continues to occur. BFI has expressed interest in pursuing other technologies to expedite the clean-up process. On December 3, 2002, EPA and MDE approved a Pilot Study Work Plan to expedite the groundwater remediation. The Pilot Study provided useful information concerning a potential enhancement to the existing groundwater remediation system currently operating at the site. EPA and MDE were satisfied with the results of the pilot study and approved continuing with the next phase. The next phase included an evaluation of an alternative extraction well, a revised monitoring program and the use of Hydrogen Release Compounds (HRC) at "hot spots". A Phase II Pilot Study Workplan that proposed additional ground water remediation activities was approved by EPA and MDE. A new well was installed on November 13, 2006. In addition to the above an informal meeting was held on September 26, 2006 between the concerned citizens, EPA and MDE. In summary, the citizens were pleased with the remediation thus far and wanted the activities to continue.

Site Description

The Solley Road facility was developed as a sanitary landfill in the early 1960s by Johnson and Speake, Inc., the former owners of the facility. In 1973, BFI purchased and utilized the facility until its closure in 1982. The facility consists of two closed landfills, the West Fill and the East Fill. The West Fill was used for municipal solid waste (household trash), while the East Fill was used for industrial hazardous waste. In the year 2000, Allied Wastes Systems purchased the property from BFI.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

Contaminants

The main contaminants are volatile organic compounds such as benzene (a component of gasoline) and trichloroethylene (a solvent).

Community Interaction

The BFI Solley Road facility is located in a rural area 3 miles south of Baltimore, Maryland. There are a number of residents located within 1/4 mile of the facility. Since 1991, EPA, the State of Maryland and the facility have held numerous formal and informal meetings with the public to address the clean up of the facility.

Institutional Controls

No Institutional Controls Implemented.

Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

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