

DELILAH ROAD

NEW JERSEY

EPA ID# NJD980529002

EPA REGION 2
CONGRESSIONAL DIST. 02
Atlantic County
Egg Harbor Township

NPL LISTING HISTORY
Proposed Date: 09/01/83
Final Date: 09/01/84

Site Description

The 40-acre Delilah Road site is one of a complex of four landfills formerly operated by Mr. Charles Price. The site was a sand and gravel pit used for sand mining operations and was then converted to a solid waste disposal site, accepting municipal and construction wastes and some hazardous wastes. A permit subsequently was issued for the disposal of non-hazardous municipal and solid waste only. The site accepted municipal and household wastes from 1974 to 1980, but records indicate that drummed flammable wastes and sludges containing trichloroethylene and lead were dumped at the site. A notice of violation was issued by the New Jersey Department of Environmental Protection (NJDEP) in 1979. Landfill operations ended in 1980. Numerous incidents of illegal dumping were reported after the site was closed. Sampling by EPA uncovered groundwater contamination in 1982. Jarrets Run, a creek that flows intermittently into Absecon Creek, is located 1,000 feet north of the landfill. A New Jersey Water Company public water supply well is located near the landfill.

Site Responsibility: This site is being addressed through State actions.

Threats and Contaminants

A surface soil sample collected at the landfill contained the following compounds: arsenic, barium, beryllium and selenium. The groundwater is contaminated with low levels of heavy metals and volatile organic compounds (VOCs). The contaminated groundwater and soil could pose a health hazard to individuals if ingested.

Clean Up Approach

This site is being addressed in a single long-term remedial phase focusing on cleanup of the entire site.

Response Action Status

Entire Site: The State completed a remedial investigation and feasibility study in 1990. A Record of Decision was signed by the State in 1990. The major components of the selected remedy include: placement of an impermeable layer cap on the landfill; installation of a surface water control system; installation of a landfill gas collection and treatment system, subject to design studies confirming the need for this system; implementation of an air and groundwater monitoring program; and fencing of the site and establishment of appropriate deed restrictions. An Explanation of Significant Differences (ESD) issued by NJDEP in September 1998 substituted a soil cap for the impermeable cap called for by the ROD. The site is currently in the remedial action phase.

Cleanup Progress

The NJDEP conducted numerous site inspections and issued cease and desist orders and levied fines against the operators of the site. After the landfill ceased operations, the State completed the installation of municipal water supply mains in the area near the site. Hookups have been provided to the residences and businesses around the perimeter of the landfill that previously relied on private wells for their water supply. In addition, private wells have been sealed in compliance with State requirements to limit access to contaminated groundwater via these potable wells. In the fall of 1994, the State and several potentially responsible parties entered into an Administrative Consent Order (ACO) for remedial activities at the site. The ACO calls for a soil cover and further called for the NJDEP to issue an ESD to modify the State's 1990 ROD. NJDEP issued an ESD in September 1998, which changed in the remedy selected in the ROD from a non-hazardous cap with an impermeable layer to a soil cap. In May 2001, NJDEP approved a Phase Two Remedial Action Work Plan which presented the detailed plans and related information for the design of the soil cover and a gas venting system. In the winter of 2001, the potentially responsible parties implemented the state-selected closure remedy. The final stages of this remedy are scheduled for completion in the summer of 2006.