

M & T Delisa Landfill

New Jersey

EPA ID#: NJD085632164

EPA REGION 2

Congressional District(s): 06

Monmouth
Asbury Park

NPL LISTING HISTORY

Proposed Date: 12/1/1982

Final Date: 9/1/1983

Deletion Date: 3/6/1991

Site Description

The M & T Delisa Landfill disposed of municipal waste from 1945 to 1975 on a 132-acre site in Asbury Park. Seaview Square Mall was constructed on about 25 to 30 acres of the landfill in 1976. The mall construction incorporated control measures to address the potential for contamination. Refuse was excavated and the mall itself is situated on clean fill. However, since the parking lot is built on refuse, methane gas vents and a system to collect leachate were installed in the lot. In 1980, the EPA observed leachate seeping from the site into a nearby stream that empties into Deal Lake. However, investigations indicated that ground water, surface water, and soil were not impacted by the M & T Delisa Site (Site). In 1983, the mall and surrounding outside areas were tested for methane gas migration. The results indicated a plume of methane existed about 1 to 3 feet below the ground outside the mall. Approximately 2,300 people live within a 1-mile radius of the Site. There are 34 private wells within 3 miles of the landfill, and approximately 120 people draw drinking water from these wells. Deal Lake is less than a mile away and is used for recreational activities, including fishing.

Site Responsibility: This Site was addressed through Federal and potentially responsible parties' actions.

Threat and Contaminants

Sampling showed that groundwater contained metals such as arsenic, chromium, and lead and methylene chloride at low levels. Sediments contained polynuclear aromatic hydrocarbons (PNAs) and the metals arsenic, mercury, lead, and zinc. Storm drains and leachate seeping from the Site contained methylene chloride, chromium, lead, and arsenic. A risk assessment conducted by EPA indicates that these levels are not of concern.

Cleanup Approach

The Site was deleted from the National Priorities List on March 6, 1991 and turned over to the State to be addressed under the State's solid waste disposal regulations.

Response Action Status

Entire Site: The owner of the Site, under EPA monitoring, conducted a study to determine the extent of groundwater, surface water, and soil contamination at the Site. The study indicated that the Site is not a source of significant concentrations of any hazardous substances. In September 1990, the EPA determined that the Site would be addressed more appropriately by the State under its solid waste disposal regulations.

Site Facts: In 1983, the EPA issued an Administrative Order on Consent to the owner of the Site, requiring that the owner conduct site studies and perform cleanup activities. In January 1997, EPA entered into an Administrative Order on Consent to the owner of the Site regarding settlement of past costs.

Cleanup Progress

After the M & T Delisa Site was added to the NPL, a study to determine the nature and extent of contamination revealed that there were no significant concentrations of hazardous substances at the Site. The Site has been deleted from the NPL and will be addressed under State authorities.

Site Repositories

Neptune Township Library, 25 Neptune Boulevard, Neptune, N.J. 07753