

Superfund Construction Project – Funding Pending



Woodbrook Road Dump Superfund Site South Plainfield, New Jersey

Site Description

The [Woodbrook Road Dump](#) site is a 70-acre inactive dumping area located on two properties of heavily wooded and undeveloped land within the Dismal Swamp, in South Plainfield, New Jersey. The surrounding area consists of a mixture of undeveloped/open space, residential and industrial properties.

Dumps operated on the properties during the 1940s and 1950s, accepting household and industrial wastes until the state of New Jersey shut them down in 1958. Texas Eastern Terminal Company (TETC) purchased the properties in 1971 and 1972.

Partially buried, leaking capacitors were discovered on the site in 1999. After the capacitors were removed, an investigation found soils contaminated with high levels of polychlorinated biphenyls (PCBs). EPA added the site on the National Priorities List in 2003.

Site Status and Cleanup Actions to Date

- TETC, under EPA oversight, removed and disposed of capacitors from the surface of the site and instituted security measures such as fences and warning signs.
- TETC conducted a remedial investigation/feasibility study (RI/FS) at the site from 2007 through 2012. Based on the investigation and risk assessments, EPA identified risk to human health and the environment from PCBs in soil, with the highest concentrations found in the vicinity of the capacitor or capacitor parts on the site.
- In 2013, EPA signed a record of decision (ROD), which selected the remedy for excavation and off-site disposal of soil and debris contaminated with PCBs at concentrations greater than 1.0 part per million (ppm) on the site.
- The site is currently open space in wetlands and is zoned commercial/industrial. The 2005 conceptual site model prepared by TETC assumes the area will be utilized for “passive recreation, hiking, and ecological education” and EPA anticipates that the land will remain open space.
- EPA initiated a pre-remedial design investigation in 2014 consisting of more intensive soil sampling to further delineate the soil to be excavated. Soil and debris will be disposed of at two types of disposal facilities: waste > 50 ppm of PCBs will go to a Toxic Substances Control Act facility and wastes from 1 to 50 ppm of PCBs will be disposed at a Resource Conservation and Recovery Act subtitle D landfill. The pre-remedial design investigation provided sample results to be utilized as post-excavation data during the remedial action to streamline the excavation process.
- The Bound Brook transects the site, with three on-site tributaries and a body of standing water discharging into the brook. Due to the proximity of the surface water and shallow groundwater, the design included storm water protection and groundwater treatment.
- EPA completed the remedial design for soil removal in September 2017.
- EPA is currently engaged in negotiations with a party to obtain funds to implement the selected remedy or to have the party perform the selected remedy.

Project Pending Funding, as of the end of Fiscal Year 2020

This work consists of soil and debris excavation, which is this site’s only action.

Funding Through Fiscal Year 2020

EPA has provided approximately \$2.8 million for cleanup activities at the site.