

Forest Glen Mobile Home Subdivision

New York

EPA ID#: NYD981560923

EPA REGION 2

Congressional District(s): 29

Niagara
Niagara Falls

NPL LISTING HISTORY

Proposed Date: 8/16/1989

Final Date: 11/21/1989

Site Description

The 39-acre Forest Glen Mobile Home Subdivision site included an 11-acre former mobile home park which was built on land where chemical wastes had been illegally disposed. Approximately 150 people lived in the Forest Glen Subdivision. The area surrounding the site is used for residential and commercial purposes. Vacant land, which is heavily vegetated, is located to the north and east of the site. A railroad yard lies to the west. The mobile home park was serviced by a public water system. East Gill Creek flows along the northern edge of the former trailer park.

Site Responsibility: This site has been addressed through Federal and Potentially Responsible Parties' actions

Threat and Contaminants

Soils on site are contaminated with polycyclic aromatic hydrocarbons (PAHs) and semi-volatile organic compounds. There was a potential risk to human health from accidentally ingesting or coming in contact with contaminated soils. These soils have been placed under a cap, eliminating exposures to humans and the environment and preventing these soils from continuing to be a source of contamination to the groundwater.

Cleanup Approach

This site has been addressed in three stages: immediate actions and two long-term remedial phases focusing on permanent relocation of the affected residents and cleanup of the entire site.

Response Action Status

Immediate Actions: The EPA temporarily relocated 27 families before the site was listed on the NPL, and placed a high-visibility fence around the contaminated areas. Two hot spot areas were identified and were temporarily covered.

Permanent Relocation: In 1989, the EPA selected a remedy for the site that involved permanent relocation of site residents. The permanent relocation of the 53 families who resided at the site began in June 1990 and was completed in December 1992. A fence to prevent access was erected around the perimeter of the site.

Entire Site: Remedial Construction was completed at this site in 2003. The Remedial Action for soil was completed. The ground-water remedial action (pump and treat) is ongoing. The site has been redeveloped as a commercial facility.

Field work to determine the extent and the source of contamination at the site began in June 1994. A Remedial Investigation (RI) report was completed in December 1996 and a Feasibility Study (FS) report which analyzed alternative cleanup technologies based on the results of the RI was completed in August 1997. A Record of Decision for the Soil was issued in March 1998, selecting an excavation, consolidation and containment remedy. A Supplemental Ground-Water RI/FS was completed in 1998.

EPA signed a Record of Decision in September 1999 which selected a remedy for the contaminated ground water and revised the soil remedy because the intended future land use of the site changed from residential to commercial/light industrial. The contaminated ground water underlying the property is extracted and transported via sanitary sewer for treatment in the Niagara Falls Waste Water Treatment Plant. The less contaminated ground water to the west of the property is being allowed to naturally attenuate while being monitored. A cap was placed over the contaminated soil and a commercial building was constructed on the cap as part of the soil remedy.

Site Facts: EPA reached a settlement with potentially responsible parties (PRPs) at the site for reimbursement of EPA's

past costs. The Goodyear Tire & Rubber Company has been implementing the 1999 ROD under a court-approved June 2001 Consent Decree. The abandoned trailers and home were removed from the Site in September 2002. Construction for both the soil and groundwater remedies was completed in September 2003. Remedial Action for Soil was completed. The ground-water remedial action is ongoing.

Cleanup Progress

The remedial action for soil has been completed. Contaminated soil was excavated and consolidated in the former subdivision area and an engineered cover (cap) was placed over the contaminated soil. A 40,000 square-foot commercial building was constructed over the cap. The building is currently being used as a distribution facility. The remedial action for groundwater is ongoing. Two groundwater extraction wells were installed within the cap area. These two wells are pumped at approximately 10 gallons per minute each and the extracted water is transported to the Niagara Falls Waste Water Treatment Plant via a sanitary sewer. A monitored natural attenuation study was performed which concluded that the conditions in the aquifer are such that the contaminants in the off-property groundwater plume are naturally attenuating.

Fifty-three families were relocated from the Site. The permanent relocation of families, in addition to the fence surrounding the site, eliminated the potential for exposure to hazardous materials at the site while the soil cleanup was performed.

Site Repositories

USEPA Records Center 290 Broadway, 18th floor New York, NY 10007 (212) 637-4308

U.S. Environmental Protection Agency Western New York Public Information Office 186 Exchange Street Buffalo, New York 14204 (716) 551-4410