

Pasley Solvents and Chemicals, Inc.

New York

EPA ID#: NYD991292004

EPA REGION 2 Congressional District(s): 04

Nassau
Hempstead

NPL LISTING HISTORY
Proposed Date: 10/1/1984
Final Date: 6/10/1986

Site Description

The Pasley Solvents and Chemicals Site measures 75' by 275', and is fenced on the north, east and south. A building and a loading platform borders the site on the west. The Site is a former tank farm used for the storage of oils, solvents and chemicals. The principal activity at the Site included the delivery of various chemicals to the Site, storage of chemicals in the above-ground storage tanks located there and eventual transfer of the chemicals to 55-gallon drums for delivery to customers. Poor waste handling and storage practices in the past resulted in contamination of the soil and groundwater on and off the site-property. Volatile and semi-volatile compounds had contaminated the soil and groundwater. Approximately 50 homes are located within 1,000 feet of the site. These homes are supplied with water from the public distribution system. Approximately 19,000 people live within a mile of the site. Over 110,000 people are served by municipal wells located within 3 miles of the site.

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

Threat and Contaminants

The groundwater was contaminated with various volatile organic compounds (VOCs). Chlorinated solvents were contaminating the soil. Accidental ingestion and direct contact with contaminated groundwater and soil were potential health threats for individuals living near the site. However, these threats have been eliminated with the implementation of the remedial action for the Site.

Cleanup Approach

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

Response Action Status

Site Facts: After adding this site to the NPL, the EPA performed preliminary investigations and determined that no immediate actions were required at the Pasley Solvents and Chemicals, Inc. site while further studies leading to the selection of final cleanup remedies were completed. On August 19, 1988, EPA and the Commander Oil Corporation (Commander) entered into an Administrative Order on Consent (Index No. II CERCLA-80212). The Order required Commander to perform a Remedial Investigation/Feasibility Study (RI/FS) to determine the nature and extent of contamination at the Site, to develop and analyze cleanup alternatives. The Record of Decision signed April 24, 1992, selected treatment of contaminated soil by soil vapor extraction and treatment of the 400 foot by 60 foot contaminated groundwater plume by groundwater extraction and treatment. The groundwater portion of the remedy was subsequently changed to air sparging in a Record of Decision Amendment signed May 22, 1995. EPA entered into a consent decree with Commander in January 1996 to implement the remedy.

Cleanup Progress

Construction of the remedy started on June 26, 1997 and was completed on October 21, 1997. The Operation, Maintenance and Monitoring (O & M) Manual was approved by EPA in November 1997. O&M activities were initiated in November 1997. During the operation of the remediation system, the vapor from each of sixteen on-property and five off-property extraction wells were monitored on a monthly basis. Air discharge, prior to carbon treatment, from the SVE system was monitored on a monthly basis in order to demonstrate the effectiveness of the SVE system to remove VOCs.

from soil. Ground water monitoring wells were sampled quarterly from November 1997 through October 2000 and semiannually from November 2000 through March 2003.

Commander submitted the Notice of Completion and Final O&M Report in August 2003. The report indicated that the cleanup standards specified in the ROD and ROD Amendment have been met. Accordingly, EPA determined that the Operation and Maintenance was complete, and the Site progressed to the Post-Remediation Monitoring (PRM) phase.

A PRM Plan was submitted and was approved by EPA in January 2004. During the PRM phase, sampling was conducted semiannually for two years. A total of five groundwater monitoring wells were sampled, one upgradient, one on-site and three downgradient. A five-year review completed in August 2004 found the implemented remedies protect human health and the environment. All treatment equipment were removed from the site in August 2004.

The completed remediation of the Site allowed for beneficial reuse. Plato Holdings LLC bought the property from Commander in August 21, 2003. The new owner leased the property to the Metropolitan Transit Authority (MTA), and the property is currently being utilized as a Police Station.

EPA completed the second Five-Year Review for the Site in July 2009. The Five-Year Review was based upon observations from Site visits and a review of Site-related data and documents and determined that the response actions implemented at the Pasley Solvents and Chemicals Site are in accordance with the remedy selected by EPA. However, the ROD and ROD Amendment issued for the Site were intended to remediate the soil so that the Site property, which does not currently have permanent structures present, could be used without restriction. Therefore, no institutional controls (ICs) were required for the Site in the ROD or the ROD Amendment.

However, elevated levels of vapors detected at the Site suggest that a potential vapor intrusion problem may exist in the future, in the event a building was constructed on the property. To document the need to address potential vapor intrusion at the Site, EPA expects to issue an Explanation of Significant Differences in Spring 2010.

Site Repositories

Information on the Site is available for viewing and copying by appointment only, at the Site information repository located at:

U.S. Environmental Protection Agency, Region 2

Superfund Records Center 290 Broadway, Room 1828 New York, New York 10007-1866 (212) 637-4308

Hours: Monday through Friday: 9:00 a.m. through 5:00 p.m. Information for the Site is also available for viewing at the Site Administrative Record

Repositories located at: Levittown Library 1 Bluegrass Lane Levittown, New York 11756 Tel. (516)731-5728 Hours: Monday through Friday: 9:00 a.m. through 9:00 p.m., Saturday: 9:00 a.m. through 5:00 p.m.