

Public Participation is essential to the success of EPA's community involvement program. If you have any questions, please contact:

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For more information on the site, visit:
www.epa.gov/superfund/peninsula-groundwater

Current and Upcoming Activities

The U.S. Environmental Protection Agency (EPA) will conduct fieldwork the last week of July in Hewlett, New York, for a portion of the Peninsula Boulevard Groundwater Plume Superfund site. The work will provide information needed to design the remedy selected in September 2017 to address the sources of groundwater contamination at the site. The treatment calls for a combination of (a) in-situ, or in place treatment of contaminated soil and groundwater through anaerobic bioremediation, and (b) heating of contaminated soil and groundwater using Electric Resistivity Heating (ERH) to quickly breakdown the contaminants. EPA will use a drill rig to install twenty-four profile borings for soil and groundwater sampling. EPA plans to set up operations on public roads and near the Cedarwood and Piermont Cleaners. The operations will temporarily limit traffic flow and access at the Cedarwood and Piermont Cleaners parking lot. The work zones will include a drill rig and a support truck. Personal Protective Equipment and wastes from drilling operations will be placed in drums for short-term storage in a secure staging area within the work zones.

Past Activities

Phase 1

- 09/2011: Record of Decision issued
- 09/2016: Remedial Design for groundwater treatment system complete

Phase 2

- 02/2012 - 07/2016: Sampling at several dry cleaners
- 09/2017: Record of Decision issued



EPA is addressing remediation activities at the site in two phases. The first phase addresses contaminated groundwater cleanup, and the second phase focuses on the sources of contamination. In September 2011, EPA issued a Record of Decision (ROD) for groundwater extraction, treatment, and limited bioremediation to address the groundwater contamination. Because the source of the groundwater contamination was not found during the Remedial Investigation (RI) EPA conducted a subsequent Remedial Investigation/Feasibility Study (RI/FS) to identify and define the sources of contamination. EPA sampled at several dry cleaners in the area between February 2012 and July 2016. The Remedial Design (RD) for the site's groundwater treatment system was completed in September 2016. In June 2017, EPA released a Proposed Plan for public comment to identify the preferred remedy for the source areas, and in September 2017, a ROD was issued.

Site Background

The Peninsula Boulevard Groundwater Plume site consists of an area within and around a tetrachloroethylene (PCE or perc) groundwater plume in Hewlett, New York. The groundwater flows toward the northwest, in the direction of the New York American Water Plant 5 Well Field, a source of drinking water. EPA placed the Peninsula Boulevard Groundwater Plume site on the National Priorities List in July 2004.

EPA appreciates your patience and cooperation during the field activities associated with the remedial design.