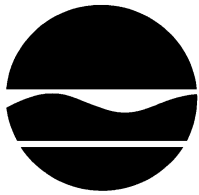


NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

Dear Citizen:

This fact sheet will inform you of the upcoming Remedial Investigation & Pilot Test to be conducted at the Ronhill Cleaners Site.

For Investigation and Pilot Test related questions please contact:

Nathan E. Putnam  
Project Manager  
NYSDEC 11<sup>th</sup> Floor  
625 Broadway  
Albany, NY 12233-7015  
Phone: 518-402-9621

For health related questions please contact:

Sharon McLelland  
Public Health Specialist II  
Bureau of Environmental  
Exposure Investigation  
547 River Street, RM 300  
Flanigan Square  
Troy, NY 12180  
Phone: 1-800-458-1158,  
ext. 27880

# FACT SHEET

Ronhill Cleaners

Site No. 130071

71 Forest Ave, Glen Cove, Nassau County

Summer 2008

Remedial Investigation and Pilot Test

The New York State Department of Environmental Conservation (NYSDEC), working with the New York State Department of Health (NYSDOH), is funding a Remedial Investigation for the Ronhill Cleaners Site. The site is located at 71 Forest Ave, in the City of Glen Cove, Nassau County, New York (*see map of site, Page 2*).

**Remedial Investigation:** A Remedial Investigation is the main investigation phase of the remedial program. The investigation's purpose is to define the nature and extent of the site's contamination. This phase of the investigation consists of groundwater sampling and soil vapor intrusion evaluation sampling.

Groundwater monitoring wells will be installed and existing monitoring wells will be sampled during this phase. These wells are planned to be installed in road rights-of-way or parking lots.

Soil vapor intrusion sampling will involve the installation of monitoring points within buildings and residences in the sampling area. Property owners/tenants will be contacted to request access for soil vapor intrusion sampling. Soil vapor is the air found in the pore spaces between soil particles above the groundwater table and below the ground surface. Soil vapor intrusion is the process by which contaminated soil vapor migrates to the indoor air of a building. If soil vapor intrusion is indicated by the sampling, then mitigation of the impacted areas may be necessary.

The field work for this Remedial Investigation will take place over the course of several months. Following the field work, a Remedial Investigation Report will be generated. After the report is finalized, it will be released for public inspection. Following the Remedial Investigation Report, a Feasibility Study will be done to select the best remedy for the site. When a proposed remedy is selected, it will be presented to the public for comment.

**Pilot Test:** A pilot test will be used to determine several parameters for full scale on-site groundwater remediation. The pilot test will be chemical oxidation utilizing ozone. Ozone will be generated on-site and injected into a portion of the contaminated groundwater. Prior to the start of the ozone injection, the existing on-site Soil Vapor Extraction (SVE) system will be expanded to increase its effectiveness. During the injection, the SVE system will continue to operate. The injection will be monitored by collecting groundwater and soil vapor samples. Additionally, the ambient air in the injection area will be monitored to determine if the injection has an effect on the air near the site. The injection period is expected to last at least two months. Following the injection, groundwater and soil vapor monitoring will continue. Using information gathered during the pilot test, the design for the on-site groundwater remedial system will be developed.

## Remedial Investigation and Pilot Test

**Background:** The Ronhill Cleaners site consists of a half acre lot located at 71 Forest Ave. Currently a shoe store occupies the on-site structure. A dry cleaner operated at this site from the 1960s to 1993. During the operation of the dry cleaner, hazardous substances (primarily tetrachloroethene, also known as PCE) were disposed on-site into soil and groundwater. In 1995, the site was added to the New York State Registry of Inactive Hazardous Waste Disposal Sites. An interim remedial measure was used to remove contaminated soil from the source area and install the SVE system. All of the contaminated soil could not be removed as it would have undermined the on-site structure. The SVE system continues to operate to remove contamination.

The groundwater beneath the site and off-site is contaminated with PCE. The Glen Cove Water Department supplies drinking water to the area near the site. This water supply is regularly monitored to ensure that it meets state and federal drinking water standards.

For additional information on Health or Remediation issues, please visit the following links

<http://www.health.state.ny.us/environmental/about/exposure.htm>

<http://www.epa.gov/tio/download/citizens/oxidation.pdf>

<http://www.epa.gov/tio/download/citizens/citsve.pdf>

<http://www.dec.ny.gov>

**Document Repositories:** Any finalized documents for the site can be viewed at these repositories.

Glen Cove Public Library  
4 Glen Cove Avenue  
Glen Cove, NY  
Phone: 516-676-2130

NYSDEC Region 1 Headquarters  
50 Circle Road  
Stony Brook, NY 11790-3409  
Phone: 631-444-0350  
Hours M-F; 8:30a.m.-4:45p.m.

Glen Cove City Hall  
City Clerks Office  
9 Glen Street  
Phone: 516-676-2000

