



New York State Department of Environmental Conservation

FACT SHEET

State Superfund Program

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Solvent Finishers
Site Number 130172
Westbury, NY

October 2011

Interim Remedial Measure Cleanup Action to Begin at State Superfund Site

A cleanup action, called an interim remedial measure, is about to begin that will address contamination related to Solvent Finishers ("site") located at 601 Cantiague Rock Road in Westbury, Nassau County, under New York's State Superfund Program. See map for site location.

The cleanup action, includes treatment of shallow groundwater and contaminated soil, and control of soil vapor. It may also include excavation and removal of a buried underground storage tank. The removal of the tank is dependent upon the results of investigation and testing. These activities will be performed by the New York State Department of Environmental Conservation (DEC) and its contractors.

Highlights of the Upcoming IRM Cleanup Activities

The goal of the Interim Remedial Measure (IRM) is to reduce site contamination prior to the final remedial action which will ultimately clean up the site to a level that protects both public health and the environment for the site's proposed use.

An IRM can be conducted at a site when either a source of contamination or an exposure pathway can be effectively addressed before completion of the Remedial Investigation and Feasibility Study (RI/FS). The purpose of IRM activities is to minimize the risk to the environment and public health by beginning remedial measures prior to DEC issuing a Record of Decision.

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC generally attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit:
www.dec.ny.gov/chemical/8439.html

During this IRM, contaminated groundwater and soil will be treated in place. A combination of Air Sparging (AS) along with Soil Vapor Extraction (SVE) will be utilized. Air Sparging is a technology in which air is injected through contaminated water. Injected air moves through the pore spaces in the soil, removing groundwater contaminants by volatilization. This injected air helps to

flush (bubble) the volatile contaminants up into the unsaturated zone, the dry zone above the water table. Once these vapors are in the unsaturated zone, the applied vacuum from the soil vapor extraction system will remove contaminants, now in the air, from unsaturated zone soils by inducing air flow through the soil pores. The flowing air will also strip volatile compounds from the contaminated soil and carry them to extraction points. The extracted vapors (contaminated air) often require further treatment prior to discharge.

The IRM activities will be conducted and contained on-site. Environmental sampling and the installation of remedial equipment is anticipated to be on the south side of the building and not visible from Cantiague Rock Road.

Next Steps

The DEC, along with its contractors, will begin the IRM activities in September 2011. The installation of the AS/SVE system will take approximately five months to complete. After the system is operational, a Final IRM Engineering Report will be submitted. This report will detail the sampling, design and equipment associated with the IRM.

The ongoing Remedial Investigation activities will continue while the IRM is being performed. These tasks will be conducted both on- and off-site to the south.

NYSDEC will keep the public informed during the investigation and cleanup of the site.

Background

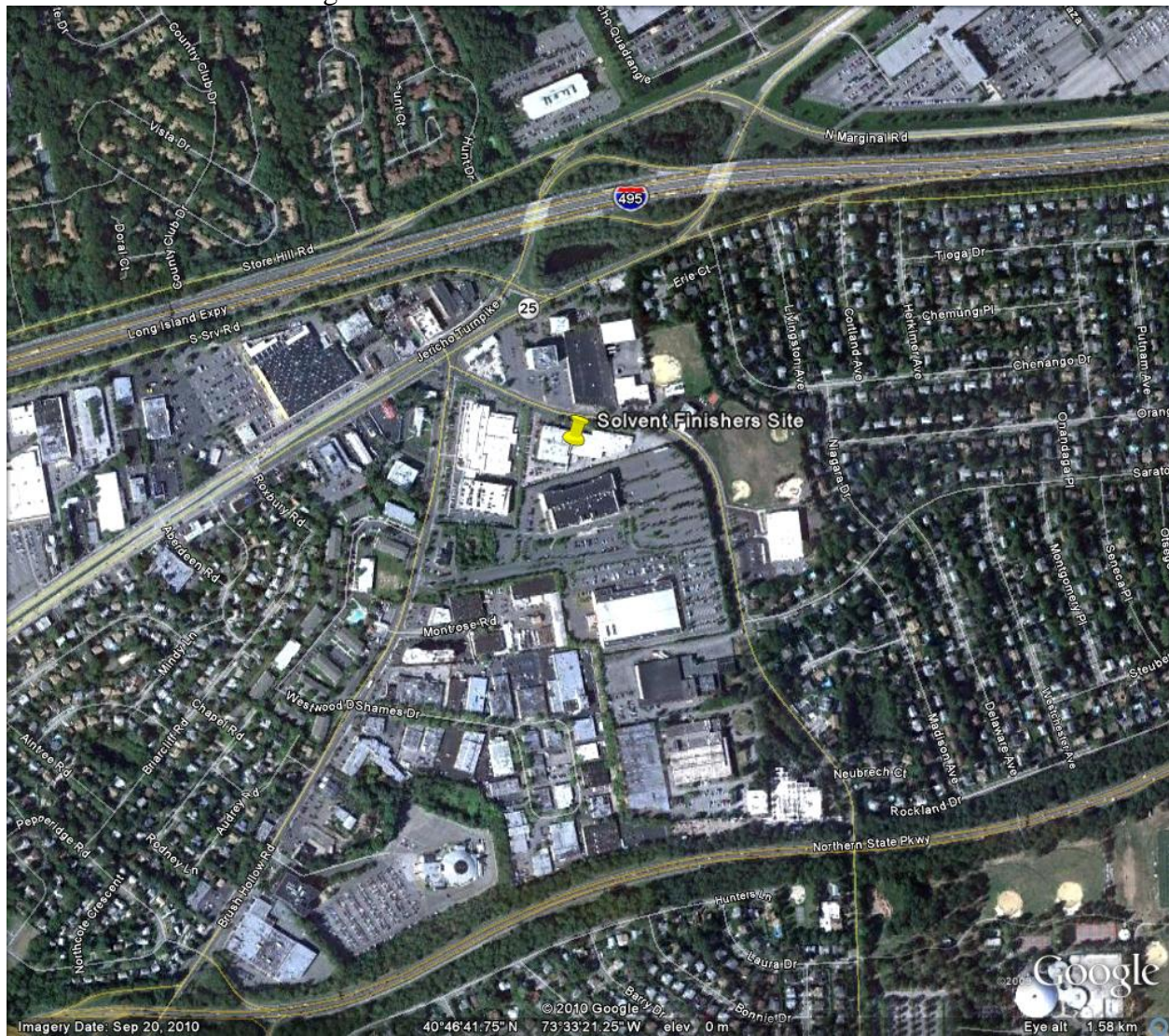
Solvent Finishers site is located south of Jericho Turnpike, north of the Northern State Parkway and east of Brush Hollow Road. More specifically, the Site, which is currently occupied by Rubies Costume Company, is bordered by Cantiague Rock Road to the north and east, a movie theatre and BJ's Wholesale club to the south, and a BMW distribution center and dealership to the west.

The main Site features are two adjoining buildings constructed in the 1960s. The structures are single story, of masonry construction, and equipped with three loading areas. The 3.78 acre Site is surrounded by industrial, commercial, and residential properties.

Solvent Finishers formerly conducted dry-cleaning operations. The contaminants of concern are Tetrachloroethene, also known as PCE, PERC and more commonly known as dry cleaning fluid; Trichloroethene, also known as TCE, a breakdown or daughter product of PCE; and Cis-1,2-dichloroethene also, known as DCE, a breakdown product of TCE and PCE. PCE, TCE, and DCE, have been detected in groundwater which is about 85 feet below the ground surface and flows to the south-southwest.

A State Superfund referral was obtained to conduct a Remedial Investigation and Feasibility Study. This investigation began in March 2011 and is ongoing. The information collected during the Remedial Investigation will be summarized in a report. After the site investigation has been completed, the NYSDEC will conduct a "Feasibility Study". This study uses information collected during the site investigation to develop and evaluate potential ways to clean up contamination related to the site. Another possibility is that the information collected during the site investigation may support the conclusion that no further action is needed to address site-related contamination.

Site Location -601 Cantiague Rock Road



FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed. These documents include the Site Characterization Report, the Remedial Investigation Work Plan and IRM Work Plan

Westbury Memorial Public Library
445 Jefferson Street
Westbury, NY 11590
Hours: M 11:00am-9:00pm
T-F 9:00am-9:00pm
Sat* 9:00am-5:00pm
Sun* 1:00pm-5:00pm

*summer hours differ, please check
Phone: (516) 333-0176
Website:
<http://www.westburylibrary.org>

NYSDEC Region 1
50 Circle Road
Stony Brook, NY 11790
Attn: William Fonda
Hours: M-F 8:30am-4:45pm
Phone: (631) 444-0350

Jericho Public Library
1 Merry Lane
Jericho, NY 11753
Hours: M T Th F 9:00am- 9:00pm
W 9:00am- 9:00pm
Sat* 9:00am- 5:00pm
Sun 12:00pm-5:00pm

*summer hours differ, please check
Phone: (516) 935-6790
Website:
<http://www.jericholibrary.org>

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

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Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html . It's *quick*, it's *free*, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you already have signed up and received this fact sheet electronically.