



# FACT SHEET

## State Superfund Program

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**Farmingdale Plaza Cleaners Off-Site Study**  
**Site No: 130107, Operable Unit 2**  
**Town of Oyster Bay, NY**

**July 2011**

### Investigation to Begin at State Superfund Site

The New York State Department of Environmental Conservation (NYSDEC) will soon begin a detailed off-site environmental study at the Farmingdale Plaza Cleaners Site ("site") located at 480 Main Street in Farmingdale, Nassau County, NY. See Figure 1 for site location.

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

#### Highlights of the Site Investigation

The study to be done at the off-site portion is called a "Remedial Investigation," and will be performed under New York State Superfund Program. The remedial investigation scope of work is available for public review at the locations identified below under "Where to Find Information".

The off-site investigation has several goals:

- 1) define the nature and extent of contamination in groundwater and any associated impacts
- 2) assess the impact of the contamination on public health and the environment
- 3) provide information to support the development of a proposed remedy to address the contamination.

**State Superfund Program:** New York 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](http://www.dec.ny.gov/chemical/8439.html)

The contaminant of concern for this site is tetrachloroethene or perchloroethene (PCE), which a common dry cleaning solvent. Investigations performed at the site showed that the on-site groundwater has been affected, and a PCE plume is migrating towards the south. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Soil vapor intrusion is not expected to be a concern as it is believed the groundwater plume is deep within the aquifer.



The drilling activities associated with this investigation may occur in several phases. The following activities are planned:

- Installation of temporary groundwater wells up to a depth of 150 to 200 feet below ground surface at the following locations:
  - a) Fallwood Parkway and Plitt Avenue
  - b) Spielman Avenue and Lyons Avenue

The temporary well installations are scheduled to begin during the last week of July 2011 or the first week of August 2011. The well installations are expected to be completed by the end of August 2011. Please refer to Figure 2 for the exact location of the wells. Please keep in mind that the well locations and dates are tentative, and may change due to unforeseen circumstances encountered during the well drilling and sampling process.

- Installation of permanent wells and/or soil vapor points.

Based on the results from the temporary wells, additional field work may involve the installation of permanent groundwater monitoring wells and/or soil vapor points. If required, this work is scheduled to begin several months after the temporary groundwater wells are installed.

### **Next Steps**

The information collected during the investigation will be summarized in a report. After the site investigation has been completed, NYSDEC will conduct a "Feasibility Study". This study uses information developed 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 action, or no further action, is needed to address site-related contamination.

NYSDEC then develops a draft cleanup plan, called a "Proposed Remedial Action Plan". This plan describes the remedy preferred by NYSDEC. The draft cleanup plan summarizes the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan will be to ensure the protection of public health and the environment. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 30-day comment period and at a public meeting.

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

### **Background**

The site is part of the Farmingdale Plaza, a one-story masonry structure of approximately 33,000 square feet and is situated on approximately 4-acre parcel in a commercial area. Known contamination includes tetrachloroethene (PCE) and its associated breakdown products. The on-site investigations were conducted in 2004 and 2007 and a soil vapor extraction (SVE) system is expected to be constructed in July 2011 as part of the on-site Interim Remedial Measure. Off-site investigation was performed in 2009. However, the groundwater plume was found to have migrated deeper and further south of the investigation area. This upcoming investigation is targeted to locate and define the head of the plume as it migrates further south.

## FOR MORE INFORMATION

### Where to Find Information

Project documents are available at the following location to help the public stay informed. These documents include the investigation scope of work.

Farmingdale Public Library  
116 Merritts Road  
Farmingdale NY 11735  
Phone: (516) 249-9090

### Who to Contact

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

#### Project Related Questions

Mr. Chek Beng Ng, P.E.  
New York State Department of  
Environmental Conservation  
625 Broadway, 11<sup>th</sup> Floor  
Albany NY 12233-7015  
Phone: (518) 402-9620  
Email: [cbng@gw.dec.state.ny.us](mailto:cbng@gw.dec.state.ny.us)

#### Site-Related Health Questions

Ms. Sharon P. McLelland  
New York State Department of Health  
Bureau of Environmental Exposure  
Investigation, Room 300  
547 River Street  
Troy NY 12180-2216  
Phone: (518) 402-7880

**We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.**

#### **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](http://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.



# FIGURE 1 - SITE LOCATION MAP



