



FACT SHEET

Voluntary Cleanup Program

Receive Site Fact Sheets by *Email*. See “For More Information” to Learn How.

Melody Cleaners
V00347
East Meadow, NY

October 2011

Cleanup Action at Voluntary Cleanup Program Site

Action is about to begin that will address contamination related to Melody Cleaners (“site”) located at 2050 Hempstead Turnpike in East Meadow, Nassau County under New York’s Voluntary Cleanup Program. See map for site location.

The Remedial Investigation Report, dated February 25, 2009, located at the document repositories details the selected remedy for the site. The selected cleanup action to be initiated at the site is injection of chemical oxidants into the groundwater at the site to reduce contaminant concentrations that are impacting off-site groundwater conditions. The soil vapor extraction system will continue to operate and reduce soil contamination and control soil vapor migration. The cleanup activities will be performed by the current owner (“volunteer”). The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH) provide oversight.

Highlights of the Upcoming Cleanup Activities

The goal of the cleanup action is to clean up the site to a level that protects public health and the environment for the site’s proposed use.

The injection of chemical oxidants into the groundwater requires specialized equipment. Drilling equipment will be used to install permanent and temporary injection points at the site. A mixing tank and pump are necessary to prepare the chemical oxidant solution so it can be pumped into the groundwater via the injection points. The chemical oxidant will react with the site contaminants and breakdown the contaminants to innocuous substances (i.e. carbon dioxide, water, chloride). The injections will be done in phases. The first phase includes installation of permanent injection wells and the initial injection. The second phase will include injections performed at temporary points. Based on groundwater sampling results a third phase may be necessary, which includes injections performed at the permanent wells.

Voluntary Cleanup Program: New York’s Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

For more information about the VCP, visit:
www.dec.ny.gov/chemical/8442.html

The activities will take place within the parking lot at the site so limited impacts to the community are anticipated. Due to the drilling activities elevated noise levels are anticipated. Work areas will be cordoned off to prevent public from entering work zones.

Next Steps

The volunteer is expected to begin cleanup activities at the site on or about October 31, 2011. Phase 1 and 2 activities are anticipated to take about 2 months. The schedule includes breaks in the activities to permit groundwater conditions to stabilize. Activities will be performed Monday through Friday between 8 a.m. and 4 p.m.

After the volunteer completes the cleanup activities, they will prepare an Engineering Report and submit it to NYSDEC. This document will describe the cleanup activities completed, evaluate off-site groundwater conditions, and provide conclusions and recommendations regarding future activities.

A Site Management Plan will be developed, which presents the institutional controls (e.g. restriction on groundwater use), engineering controls (e.g. soil vapor extraction system), Groundwater Monitoring Plan, and certifications to be performed.

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the Final Engineering Report. NYSDEC then will issue the volunteer a Closure Letter that provides a release from liability. This Closure Letter would declare that the volunteer has met its obligations and that NYSDEC would not require the volunteer to perform additional investigation or cleanup at the site, subject to certain conditions. The Closure Letter would allow for the redevelopment of the site.

Background

NYSDEC previously accepted an application from the volunteer to participate in the Voluntary Cleanup Program. The application proposes that the site will be used for commercial purposes.

The subject property consists of a dry cleaner, a car wash, a laundromat, a bakery, and a Dunkin Donuts. The site covers 1.7 acres and borders commercial properties along Hempstead Turnpike and residential properties along Front Street. The site was vacant land until dry cleaning operations began in the late 1950s. Prior to municipal sewers in the area, wastewater from the dry cleaners and the laundromat were discharged to dry well structures located on the site. Wastewater from these operations contained tetrachloroethene (PCE), which is a common dry cleaning agent. Site contamination consists of PCE and associated breakdown products. Two interim remedial measures were conducted in November 2000 and July 2004 to remove approximately 534 tons of contaminated soils from the former dry wells at the site. In January of 2005, the owner began operation of a soil vapor extraction system to address the remaining soil contamination in the vicinity of the dry wells and beneath the dry cleaner building and to mitigate any impacts to the indoor air quality of nearby structures. The operational soil vapor extraction system has been determined to have sufficient influence to prevent soil vapor intrusion into nearby buildings. Groundwater contamination extends over 3,000 feet from the site. The public water supply wells are located approximately 2,100 feet from the site and are side gradient of the groundwater contamination. The public water supply wells are tested regularly to confirm that the water is suitable for public use.

FOR MORE INFORMATION

Information regarding chemical oxidation go to:
<http://www.cluin.org/download/citizens/oxidation.pdf>

Information regarding soil vapor extraction go to:
<http://www.cluin.org/download/citizens/citsve.pdf>

Where to Find Information

Project documents are available at the following location(s) to help the public to stay informed. These documents include the cleanup plan for the site, called the “Remedial Action Work Plan”.

Levittown Public Library
1 Bluegrass Lane
Levittown, NY 11756-1292
(516) 731-5728
Mon. – Sat. 9 a.m. – 5 p.m.
Sun. 1 p.m. – 5 p.m.

East Meadow Public Library
1886 Front Street
East Meadow, NY 11554
(516) 794-2570
M, T, T, F 9 a.m. – 9 p.m.
W 11 a.m. – 9 p.m.
Sat. 9 a.m. – 1 p.m.

Who to Contact

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

Project Related Questions
Mr. Brian Jankauskas, P.E.
New York State Department of
Environmental Conservation
625 Broadway, 11th Floor
(518) 402-9620
bfjankau@gw.dec.state.ny.us

Site-Related Health Questions
Ms. Renata Ockerby
New York State Department of Health
Flanigan Square
547 River Street, Room 300
Troy, NY 12180-2216
(800) 458-1158 x27880

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

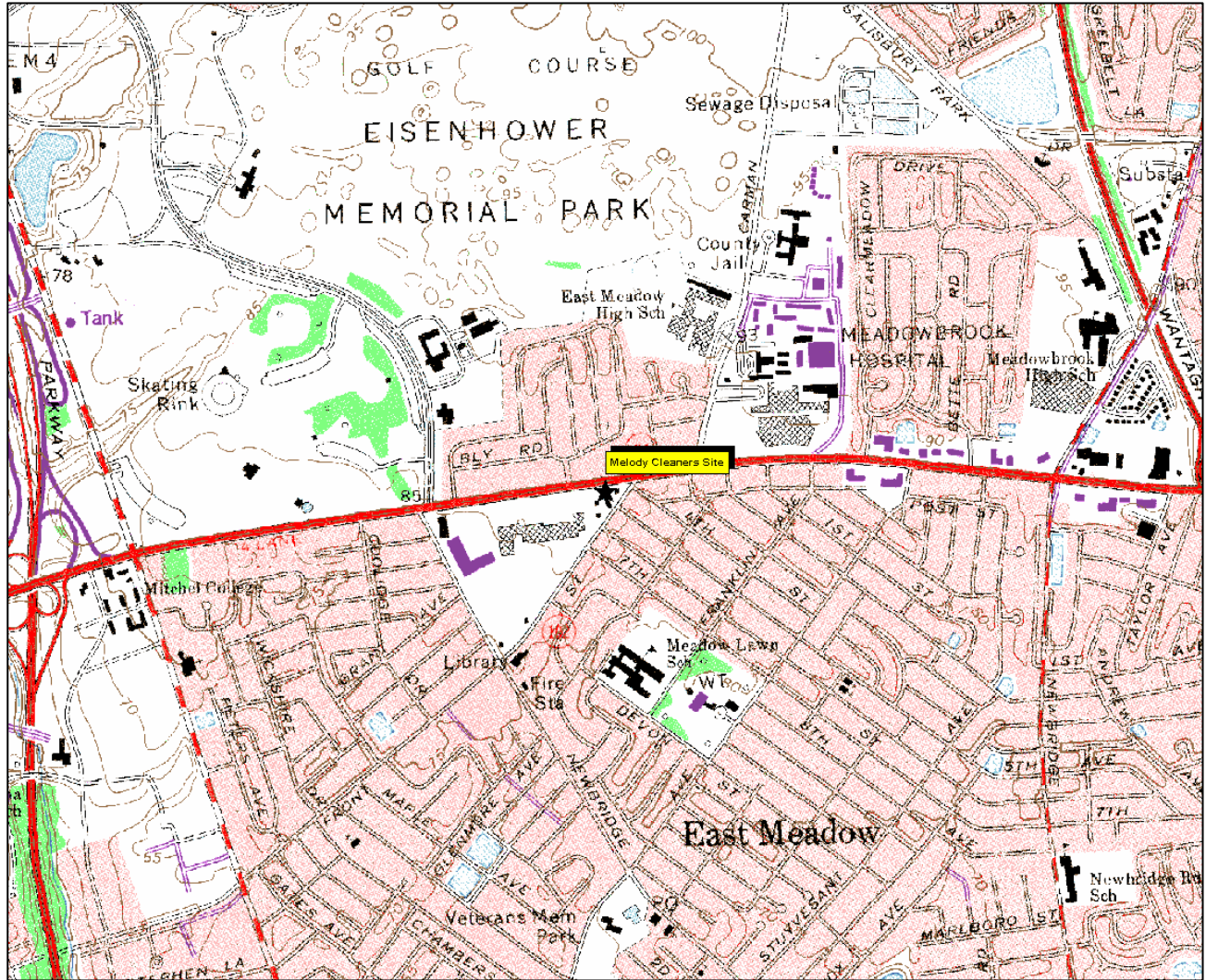
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:
www.dec.ny.gov/chemical/61092.html . It's *quick*, it's *free*, and it will help keep you *better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



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select. If email notification won't work for you and you want to remain on the mailing list for paper notices for this site you must notify the DEC project manager.

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.

Figure 1: Site Location Map
East Meadow, New York



Scale 1:24000
CONTOUR INTERVAL 10 FEET
DASHED LINES REPRESENT 5 - FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET - DATUM IS MEAN LOW WAT