FACT SHEET

State Superfund Program

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

Site Name: Rose Cleaners
DEC Site #: 360059
Address: 500 Lexington Avenue
Mount Kisco, NY 10549

Have questions? See "Who to Contact" Below

Supplemental Investigation and Interim Remedial Action to Begin at State Superfund Site

LRB Cleaners, Inc. (the "responsible party"), with oversight provided by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), will soon begin a supplemental environmental study at the Rose Cleaners site ("site") located at 500 Lexington Avenue, Mount Kisco, Westchester County under New York State's State Superfund Program. Please see the map for the site location.

Additional remediation will also take place to address contamination related to the site. The cleanup activities will be performed by LRB Cleaners, Inc. with oversight by the NYSDEC and the NYSDOH.

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.

Documents related to the investigation and cleanup of this site can be found at the locations identified below under "Where to Find Information."

Highlights of the Supplemental Investigation
The purpose of the supplemental investigation is to further delineate the nature and extent of contamination at the site.

The supplemental investigation includes the following:

- Off-site groundwater sampling to determine the extent of groundwater contamination;
- Surface water and sediment sampling in Lexington Creek and at the confluence of Lexington Creek and the Kensico River; and
- Installation of a monitoring well inside or immediately outside the dry cleaning building to determine whether a potential source of contamination is present under the building.

Highlights of the Upcoming Cleanup Activities
LRB cleaners is performing an interim remedial measure (IRM). An IRM is a cleanup activity that may be performed when a source of contamination or exposure pathway (the way in which a person may contact contamination) can be effectively addressed without extensive investigation and evaluation. The cleanup action for the site includes:

1. In-situ chemical oxidation (ISCO) treatment of shallow soil and groundwater contamination beneath the site. This process injects a chemical oxidant into the subsurface of the site. As the chemical oxidant comes into contact with the contaminant, an oxidation reaction occurs that breaks down the contaminant into relatively benign compounds such as carbon dioxide and water;

2. Installation of two additional monitoring wells along the northern property boundary to monitor the downgradient plume and evaluate the effectiveness of the groundwater treatment process;

3. Installation of an additional upgradient monitoring well; and

4. Monitoring of existing and new wells to determine effectiveness of ISCO treatment.

Work is expected to begin at the site in December 2012.

Additional Details

Previous investigations were conducted at the site in December 2001, May 2005 through October 2005, September 2006 and February and March 2008.

In addition to previous site investigations, an IRM was conducted at the site in August 2009. This action included the excavation of shallow contaminated soils at the north side of the dry cleaner building and the introduction of an ISCO treatment prior to backfilling the excavation.

Next Steps

The information collected during the investigation will be summarized in a report. The report will describe the results of the supplemental investigation and recommend if any additional work is needed to fully delineate the nature and extent of contamination.

After completion of the cleanup activities, LRB Cleaners, Inc will prepare a Construction Completion Report. The Construction Completion Report will describe the cleanup activities completed and certify that they were completed in accordance with the work plan.

The New York State Department of Environmental Conservation (NYSDEC) will keep the public informed throughout the cleanup of the site.

Background

Location: The Rose Cleaners site is located at 500 Lexington Avenue, Mount Kisco, Westchester County, New York. The site is approximately 0.3 acres in size and is located in a commercial/residential area. Lexington Avenue forms the eastern border of the site. Byram Lake Reservoir is located more than 2 miles to the east of the site.

Site Features: The main site feature includes a one-story concrete block/masonry slab-on-grade building, which is approximately 5,810 sq. ft. in area. The rest of the site is covered by asphalt.

Current Zoning/Uses: The site is currently used as a dry cleaning facility with up to date dry cleaning machinery. The surrounding area is predominantly commercial and residential. A commercial/retail automotive service and other establishments occupy the locations to the north side of the site. To the south side there is an antique store, a restaurant, a laundromat, and a gasoline station. To the east is a Hudson Valley bank and residential properties. A creek borders the site to the west.

Historical Use: The site has historically been used as a dry cleaner facility, and past releases of the dry cleaning solvent, perchloroethylene (PCE), have caused both shallow and deep soil and groundwater contamination.

Site Geology and Hydrogeology: The site is underlain by silty sands and clay. Bedrock has been encountered at approximately 30 feet below grade. Groundwater was observed at approximately 3 to 5 feet below grade. Groundwater flows to the north/northwest.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=360059

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/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

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

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

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public stay informed.

Reference Desk
Mt. Kisco Public Library
100 Main Street
Mt. Kisco, NY 10549
Phone: (914) 666-0841

NYSDEC Region 3
21 S. Putt Corners Road
New Paltz, NY 12561
Phone: (845) 256-3154
Please call for an Appointment

Who to Contact

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

Project Related Questions
Jamie Verrigni
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9546
jlverrig@gw.dec.state.ny.us

Site-Related Health Questions
Nathan Walz
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
518-402-7880
BEEI@health.state.ny.us

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: 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.

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

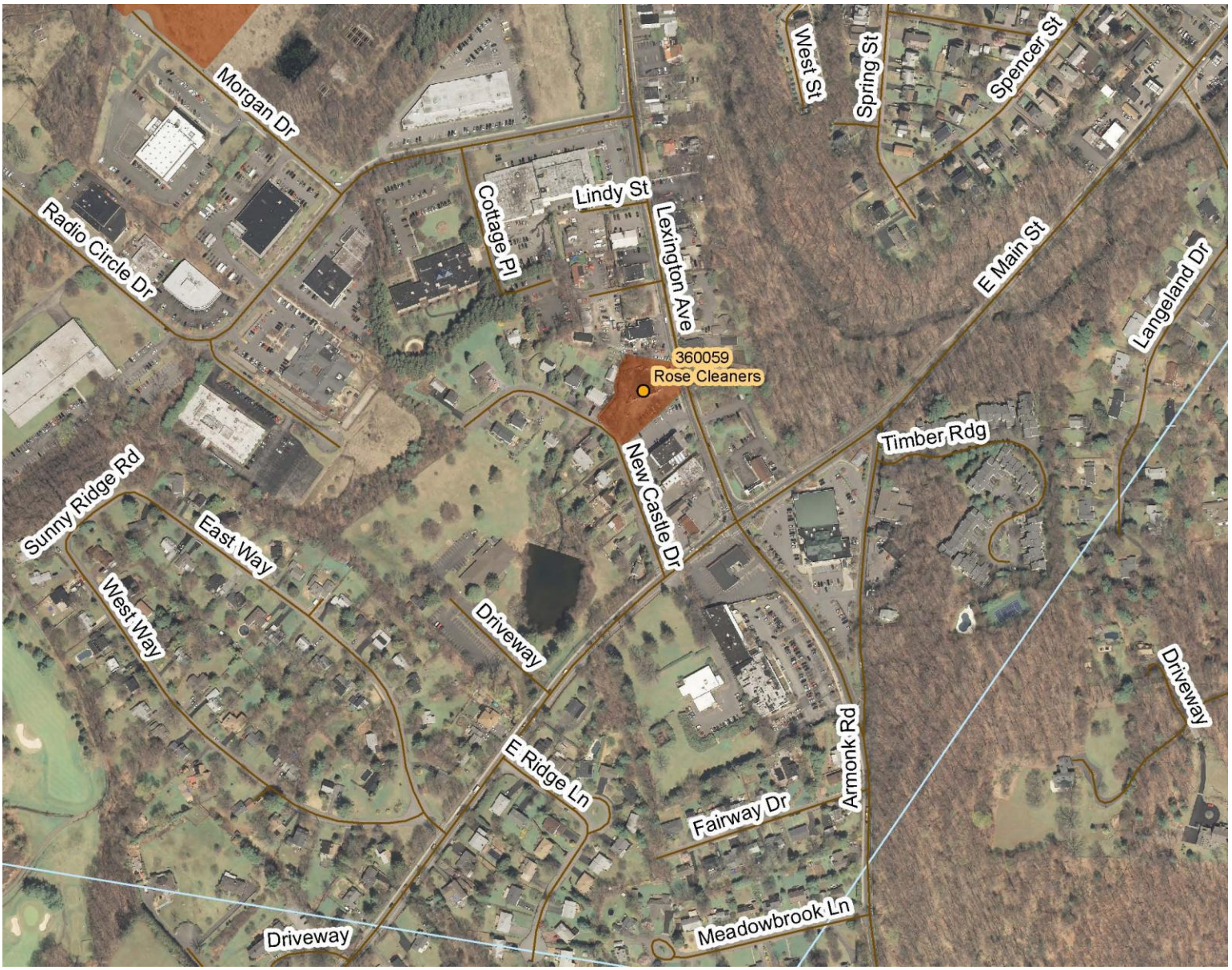

Figure 1: Site Location