



FACT SHEET

State Superfund Program

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Fumex Sanitation Site

December 2011

Site Number: 130041

Village of Garden City Park, Town of North Hempstead, New York

Cleanup Action Completed at State Superfund Site; Final Engineering Report Being Prepared

Cleanup action has been completed to address contamination related to the Fumex Sanitation State Superfund site (“site”) located at 131 Herricks Road in the Village of Garden City Park, Town of North Hempstead, Nassau County, under New York’s State Superfund Program. See map on page 5 of this fact sheet for site location. The cleanup activities were performed by J. Barwick Landscape & Site Developers (Barwick) of Glenwood Landing, New York, and Groundwater Environmental Services, Inc. (GES) of Hauppauge, New York, with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

NYSDEC is currently developing a Final Engineering Report. The report will state that cleanup requirements have been achieved to fully protect public health and the environment. The report is expected to be made publicly available in February 2012 at the locations identified below under “Where to Find Information.” The document will also be made available on the NYSDEC website at <http://www.dec.ny.gov/chemical/8431.html>.

Highlights of the Final Engineering Report

The report has several goals:

- Describe the cleanup activities completed.
- Certify that cleanup requirements have been achieved or will be achieved for the site.
- Describe any institutional/engineering controls to be used. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when the cleanup action leaves residual contamination that makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.
- Certify that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

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

The Superfund cleanup work began in September 2010 and was completed in October 2011. The following major cleanup activities were completed at the site:

- 1) The excavation and off-site disposal of approximately 33 tons of off-site contaminated soils followed by backfilling of the remaining open excavations with clean imported fill. The disturbed areas were covered with topsoil and seed;
- 2) The excavation and off-site disposal of approximately 730 tons of on-site contaminated soils and asphalt followed by backfilling of the remaining open excavations with clean imported fill. The disturbed areas were covered with asphalt and/or topsoil and seed;
- 3) Removal of an on-site drywell and installation of a new stormwater management system that connects to the Nassau County stormwater system; and
- 4) Removal and off-site disposal of an underground storage tank.

The cleanup has made the off-site portions of the site (located off of Bedford Avenue) suitable for unrestricted use (unrestricted means that there are no use restrictions needed for the protection of public health, groundwater, and ecological resources). The on-site portion of the site was cleaned up to be protective of groundwater and is now suitable for commercial reuse (commercial is associated with the buying, selling, or trading of merchandise or services). Because the cleanup actions left traces of contamination on site, a site management plan (SMP) is also being developed and implemented to ensure that public health and the environment remain protected.

Next Steps

NYSDEC is currently preparing a Final Engineering Report. The Final Engineering Report will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

Long-term site management by NYSDEC will follow and primarily involve:

- 1) Sampling of a select number of groundwater wells to monitor the migration of contaminated groundwater; and
- 2) Imposing environmental easements to prevent potential exposure to residual on-site soil contamination and groundwater contamination.

Background

The one-third acre site is located at 131 Herricks Road in the Village of Garden City Park, Town of North Hempstead, Nassau County, and includes a one-story brick building along with a paved parking area in a mixed residential and commercial/light industrial area. The site operated a commercial termite extermination business at this location from 1952 to 1992.

Reportedly, the originally unpaved parking lot was sprayed regularly with chlordane for insect control from 1952 to 1978. The parking lot was then paved sometime between 1978 and 1981. In 1981, a chlordane rinse water spill of less than 30 gallons occurred in the asphalt parking lot.

Some of the rinse water entered a dry well located within the parking lot. Site investigations have confirmed that chlordane and other pesticides have contaminated soil, the groundwater beneath the site and the soil of a neighboring yard. In 1986, NYSDEC entered into an Order on Consent with Fumex Sanitation, Inc., in which Fumex agreed to conduct an investigation to determine the extent of contamination in the soil and groundwater at the site. The remedial investigations identified the primary contaminants as heptachlor, chlordane, and dieldrin in the soil and groundwater.

The Record of Decision (ROD) for the site was signed in March 2001. An Explanation of Significant Differences (ESD) was subsequently completed in April 2007. This ESD was the basis of the completed Remedial Action.

Plans and specifications associated with the implementation of the remedial action were advertised for bid in October 2009 thru December 2009. Barwick was given formal notice to proceed with the cleanup in September 2010, and their portion of the cleanup work was completed in June 2011. GES took over the remediation work in June 2011 and achieved final completion of the work in October 2011.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public to stay informed. These documents include plans and specifications and the decision documents describing the selected remedy for the site.

Shelter Rock Public Library
165 Seasingtown Road
Albertson, NY 11507
Phone: (516) 248-7363
Hrs: Mon., Tues, Thurs. 9 a.m. – 9 p.m.;
Wed. 11 a.m. – 6 p.m.;
Fri. 9:00 a.m. – 6:00 p.m.;
Sat. 9 a.m. – 5 p.m.;
Sun. 1 – 5 p.m.
<http://www.nassaulibrary.com/shelterrock/>

NYSDEC Region 1 Office
50 Circle Road
Stony Brook, NY 11790
Contact: Mr. Walter Parish
Phone: (631) 444-0240
Hrs: Mon. - Fri.
8:30 a.m. - 4:45 p.m.
(by appointment)

Whom to Contact

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

Project Related Questions

David J. Chiusano, Project Manager
NYSDEC – Div. of Env. Remediation
625 Broadway
Albany, New York 12233-7017
Phone: (518) 402-9814 or 888-459-8667
{ Call for an appointment }
E-Mail: djchiusa@gw.dec.state.ny.us

Site-Related Health Questions

Jacqueline Nealon
New York State Department of Health
Flanigan Square
547 River Street
Troy, New York 12180-2216
Phone: (800) 458-1158 ext. 2-7880
E-mail: beej@health.state.ny.us

Citizen Participation Specialists

Bill Fonda/Aphrodite Montalvo
NYSDEC Region 1
50 Circle Road
Stony Brook, NY 11790
Phone: (631) 444-0350

E-Mail: bmfonda@gw.dec.state.ny.us or axmontal@gw.dec.state.ny.us

You can also view project documents online at the Region 1 Environmental Remediation Project Information page <http://www.dec.ny.gov/chemical/8431.html>. Look for the “Fumex Sanitation Site” entry under the Suffolk County heading.

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

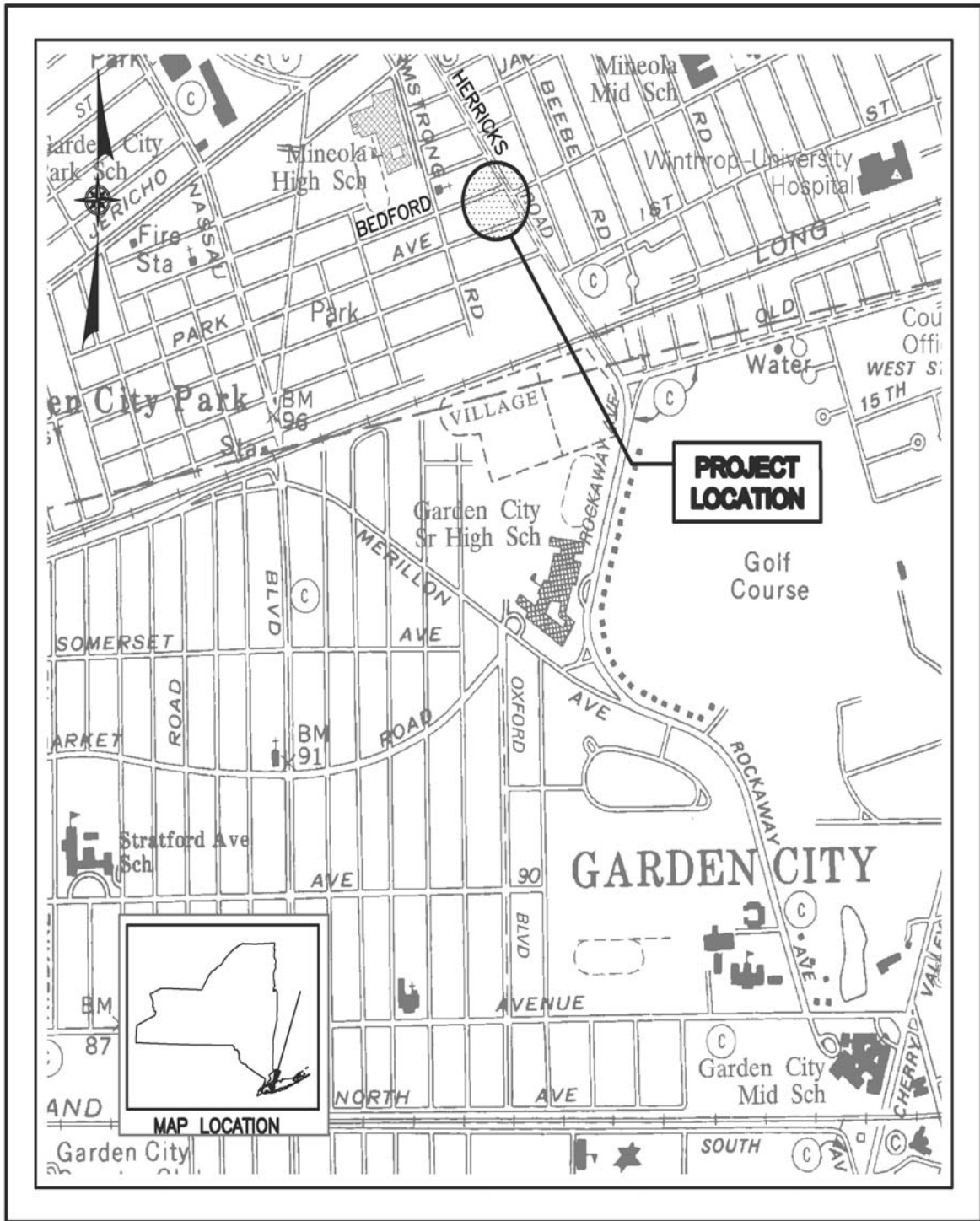
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites County email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html. It's *quick*, it's *free*, and it will help keep you *better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



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

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.



LOCATION MAP