



FACT SHEET

State Superfund Program

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**Abandoned Chemical Sales Facility Site
828105
City of Rochester, NY**

February 2011

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the Abandoned Chemical Sales Facility ("site"). The site is located at 1600 Jay Street in the City of Rochester, Monroe County. See map for site location.

The Proposed Remedy

The remedy proposed for the site includes excavation and off-site disposal of soil that contains significant levels of contamination, addition of amendments to the subsurface to breakdown site contaminants present in groundwater, and long-term groundwater quality monitoring.

**Public Meeting
Monday, March 14, 2011
7:15 PM**

**Lyell Branch Library
956 Lyell Avenue
City of Rochester, New York**

NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The proposed remedy is described in a draft cleanup plan called a "Proposed Remedial Action Plan" developed under New York's State Superfund Program. The document is available for public review at the Lyell Branch Library identified below under "Where to Find Information". The document also is available on the NYSDEC web site at <http://www.dec.ny.gov/chemical/37556.html>.

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

How to Comment

NYSDEC is accepting written comments about the proposed remedy for 30 days, from **March 1, 2011** through **March 30, 2011**.

Submit written comments to:

Jason Pelton, Project Manager
NYSDEC, Division of Environmental Remediation
12th Floor, 625 Broadway
Albany, NY 12233-7017
E-mail: jmpelton@gw.dec.state.ny.us

Summary of the Proposed Remedy

The proposed remedy represents the alternative preferred by NYSDEC and the New York State Department of Health (NYSDOH) to address site contamination. The draft cleanup plan has several goals:

- identify cleanup levels to be achieved;
- summarize other alternatives considered;
- explain why NYSDEC and NYSDOH believe the proposed remedy will protect public health and the environment; and
- provide a detailed description of the proposed remedy.

The proposed remedy was chosen following a detailed investigation of the site and evaluation of alternatives to address contamination, called a “Remedial Investigation/Feasibility Study”.

As discussed below, the site contains chlorinated solvent contamination in soil and groundwater at concentrations exceeding cleanup standards. The groundwater contamination extends approximately 300 feet to the south and southwest of the site. These chlorinated compounds are types of solvents that have commonly been used in degreasing applications.

To reduce the on-site contamination in soil and groundwater and to reduce the off-site migration of the contaminants in groundwater, the proposed remedy includes the excavation and off-site disposal of soil from four areas of the site. In total, approximately 275 cubic yards of contaminated soil will be excavated from four source areas beneath and around the west and north sides of the site building (see attached map). Residual contamination remaining in site groundwater will be effectively treated through the injection of chemical oxidants into the subsurface. These oxidant injections cause a reaction that breaks down the site contaminants into compounds that are harmless to the environment such as carbon dioxide and water. To evaluate the effectiveness of the excavation along with the oxidant injections, the proposed remedy also includes a long-term monitoring program that includes routine collection and analysis of groundwater samples. The proposed remedy also includes:

- An environmental easement to restrict the use of groundwater at the site;
- Provisions for further evaluating the potential for soil vapor intrusion and if necessary, implementing actions recommended to address exposures; and
- Periodic reviews to evaluate the proposed remedy.

Other cleanup alternatives considered for the site included extracting air from the ground to promote contaminant volatilization and using specially designed wells to introduce heat into the subsurface to degrade the site contaminants. The nature and extent of contamination, combined with the site geologic conditions, allowed for a focused evaluation of cleanup options for the site.

The excavation with oxidant injections is being proposed because it provides protection to human health and the environment. This alternative is preferred because it would be implemented quickly and would be an effective approach in eliminating the high contaminant concentrations in the source areas. Removing contaminant source areas combined with the addition of the oxidant will effectively reduce the off-site migration of the site contaminants. The excavation with chemical oxidation would not require above ground structures that may interfere with site operations and would not require long-term operation and maintenance of an active remedial system.

The estimated cost in today’s dollars to design and construct the proposed remedy is \$1,543,000. The estimated average annual monitoring cost for 30 years is \$21,000.

Next Steps

NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments. This document will be made available to the public (see "Where to Find Information" below). The project then moves to designing and performing the cleanup action to address the site contamination. NYSDEC will keep the public informed during the cleanup of the site.

Background

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.

The Abandoned Chemical Sales Facility Site is located at 1600 Jay Street in a mixed residential, commercial, and industrial area in the City of Rochester, Monroe County (see attached map). The property is 2.29 acres in size and is located along the intersection of Jay Street and Dodge Street. Although the property is currently operated by a plumbing and heating and ventilation contractor, the Chemical Sales Corporation operated at the site from approximately 1952 to 1994. The use and handling of chemicals over this 42 year period contributed to the on-site and off-site contamination.

The site was first identified during environmental investigations at a nearby site that was also operated by the Chemical Sales Corporation. Subsequent preliminary investigation data collected at the site suggested that disposal of the chlorinated solvents, along with petroleum-based contamination occurred and that the site represents a source for off-site contamination. Following the initial investigation, the site was listed as a Class 2 site in 2002 and the Remedial Investigation/Feasibility Study was completed by the NYSDEC between November 2006 and February 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 the proposed cleanup plan for the site, called the "Proposed Remedial Action Plan".

Lyell Branch Library
956 Lyell Avenue
Rochester, N.Y. 14606
Phone: (585) 428-8218
Hrs: M 12-8, Tu-F 12-6, Sat 10-2

NYSDEC Region 8 Office
6274 E Avon-Lima Road
Avon, N.Y. 14414
(585) 226-5326
(Contact Linda Vera)

Who to Contact

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

Project Related Questions

Mr. Jason Pelton
NYSDEC Project Manager
Division of Environmental Remediation
12th Floor, 625 Broadway
Albany, NY 12233-7017
(518) 402-9818 -or- (888) 459-8667
E-mail: jmpelton@gw.dec.state.ny.us

Site-Related Health Questions

Ms. Melissa Doroski
NYSDOH Project Manager
Flanigan Square
547 River Street
Troy, New York 12180-2216
(800) 458-1158, Option 6
Email: bee@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

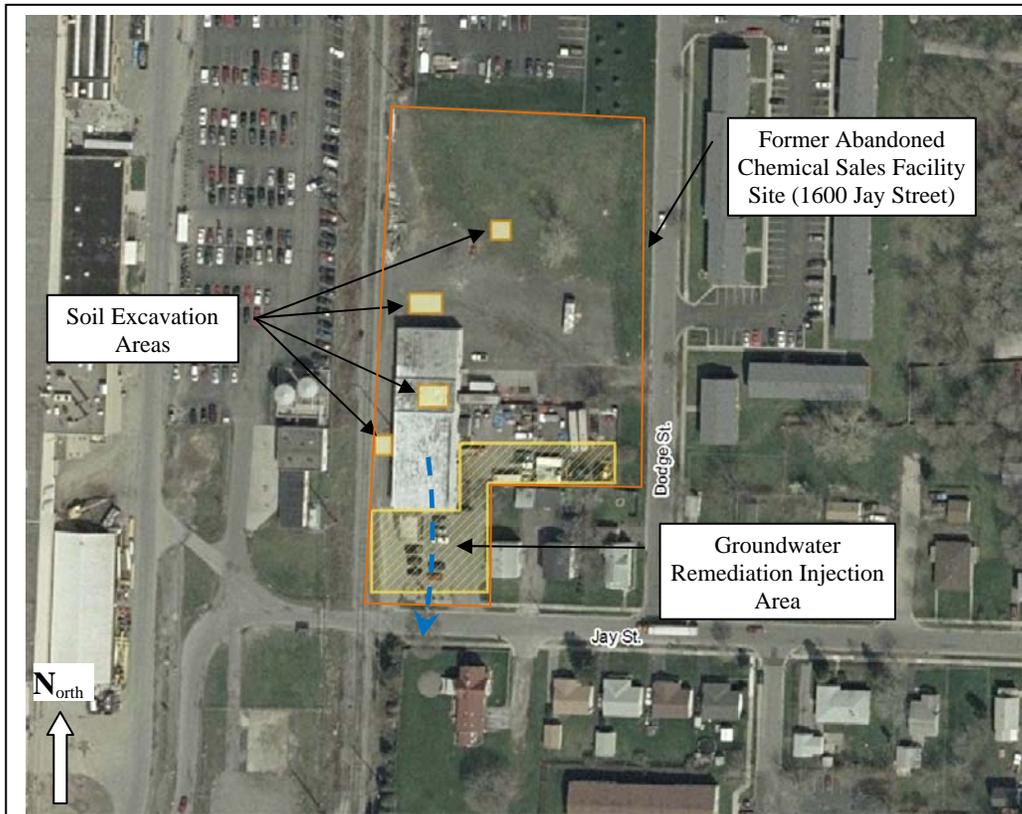
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: www.dec.ny.gov/chemical/61092.html . It's *quick*, it's *free*, and it will help keep you *better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



Site Location Map

- Map showing site location in City of Rochester at corner of Jay Street and Dodge Street (orange outline).
- Groundwater flow direction from site is to the south (blue dashed arrow).
- Groundwater occurs approximately 10 feet to 15 feet below the ground surface.