



FACT SHEET

State Superfund Program

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

Site Name: Barthelmes Manufacturing Site
DEC Site #: 828122
Address: 15 Cairn Street
Rochester, NY 14611

Have questions?
See
"Who to Contact"
Below

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

**Public Meeting, Wednesday, 3/13/2013 at 7:00 PM
Gates Public Library**

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 public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Barthelmes Manufacturing Site ("site") located at 15 Cairn Street, Rochester, Monroe County. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 27, 2013** through **March 28, 2013**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

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.

Proposed Remedial Action Plan

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 enhance the breakdown of any remaining site contaminants by naturally occurring microorganisms, and long-term groundwater quality and soil vapor monitoring.

Summary of the Investigation

An investigation to understand the nature and extent of contamination at the site was

completed in January 2013. The investigation identified chlorinated solvents, including trichloroethene (TCE), and metals, as the primary contaminants at the site. TCE is a chlorinated solvent commonly used industrially as a degreaser. The investigation suggests that TCE was released, or disposed of, in a former vapor degreaser area, former drum storage area, and an outside disposal area. Discharge of wastewater from a series of building floor drains and storm water runoff to the on-site storm water basin has resulted in soil being contaminated with metals within a storm water basin located on the west-side of the property.

During the investigation, a series of remedial actions, or interim remedial measures (IRMs), were completed to address the high concentrations of chlorinated solvents present in the former vapor degreaser area, former drum storage area, and the outside disposal area. In total, approximately 2,600 tons of TCE contaminated soil was removed from these three source areas during the IRMs and disposed of off-site at a permitted facility. Although the source material was removed in these three areas, groundwater contamination remains at concentrations exceeding groundwater standards (typically 5 parts per billion (ppb)). Specifically, TCE and its breakdown products were primarily found in groundwater beneath the central and south side of the site.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the "feasibility study" submitted under New York's State Superfund Program.

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. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

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

Background

Location: The Barthelmes Manufacturing Site consists of three tax parcels totaling approximately 9.2 acres at 15 Cairn Street, Rochester, NY. The largest parcel is approximately 6.97 acres and contains the manufacturing building. The other two parcels total approximately 2.2 acres and contain the entry road and facility parking lot. The site is located approximately one half mile northeast of the intersection of Cairn Street and Chili Avenue and less than 1,000 feet east of the NYS Barge Canal. The site is located in a mixed industrial and commercial area and is bordered immediately to the west by the New York Central Railroad. A vacant lot that was formerly part of a major oil storage facility borders the site to the south. A combination of industrial and commercial land uses border the site to the north and east.

Site Features: A single, approximate 50,000 square foot, one story building is the only structure located on the 15 Cairn Street property. The site building, a paved parking lot and loading dock, and two paved roads entering the site from Cairn Street, occupy the majority of the central portion of the site. The remainder of the site east and west of the building is covered with a grassy surface.

Current Zoning/Uses: The two smaller parcels (1 acre and 1.22 acres) are zoned commercial and

the larger (6.97 acre) parcel is zoned industrial. The manufacturing building is located on the larger, industrially zoned parcel. The northern portion of the building is used for manufacturing of sheet metal products. A loading dock and storage yard are located along the southern half of the site building. The nearest residential area is 0.2 miles east of the site.

Past Use of the Site: The property has been used for commercial and industrial purposes since at least 1900. Barthelmes Manufacturing Company, a metal finishing facility, has occupied the site since 1921. Prior uses that appear to have led to site contamination include aluminum and sheet metal manufacturing, machining, metal plating, degreasing, use of a drum storage area, and discharge of wastewater from a series of floor drains to an on-site stormwater drainage basin. A fire at the site building in 1980 engulfed the southern portion of the building and may have also contributed to the release of chlorinated solvents from the area of a former vapor degreaser.

Following a site investigation completed by Barthelmes Manufacturing in October 2001, the site entered into the NYSDEC Brownfield Cleanup Program in 2004. The Brownfield Cleanup Agreement was terminated in October 2009 due to the failure by Barthelmes Manufacturing to fully comply with the Agreement. The site was listed as a Class 2 site on the New York State Registry of Inactive Hazardous Waste Disposal Sites in June 2010.

Site Geology and Hydrogeology: Site geology consists of fine to coarse sand with trace amounts of gravel. The overburden is approximately 16 to 20 feet thick and is underlain by the Lockport Dolomite. Groundwater occurs at a depth of approximately 8 to 22 feet beneath the ground surface. In general, groundwater flow in both overburden and shallow bedrock is to the south.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/external/derexternal/haz/details.cfm?pageid=3&progno=828122>

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 location(s) to help the public stay informed.

Lyell Branch Library
Attn: Patricia Connor
956 Lyell Avenue
Rochester, NY 14606
(518) 428-8234

NYSDEC Region 8 Office
6274 E Avon-Lima Rd.
Avon, NY 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

Jason Pelton
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
518-402-9478
jmpelton@gw.dec.state.ny.us

Site-Related Health Questions

Melissa Doroski
New York State Department of Health
Empire State Plaza Corning Tower Room #1787
Albany, NY 12237
(518) 402-7860
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.

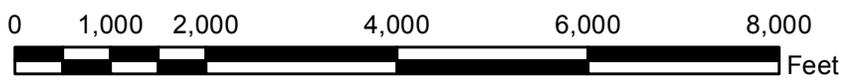
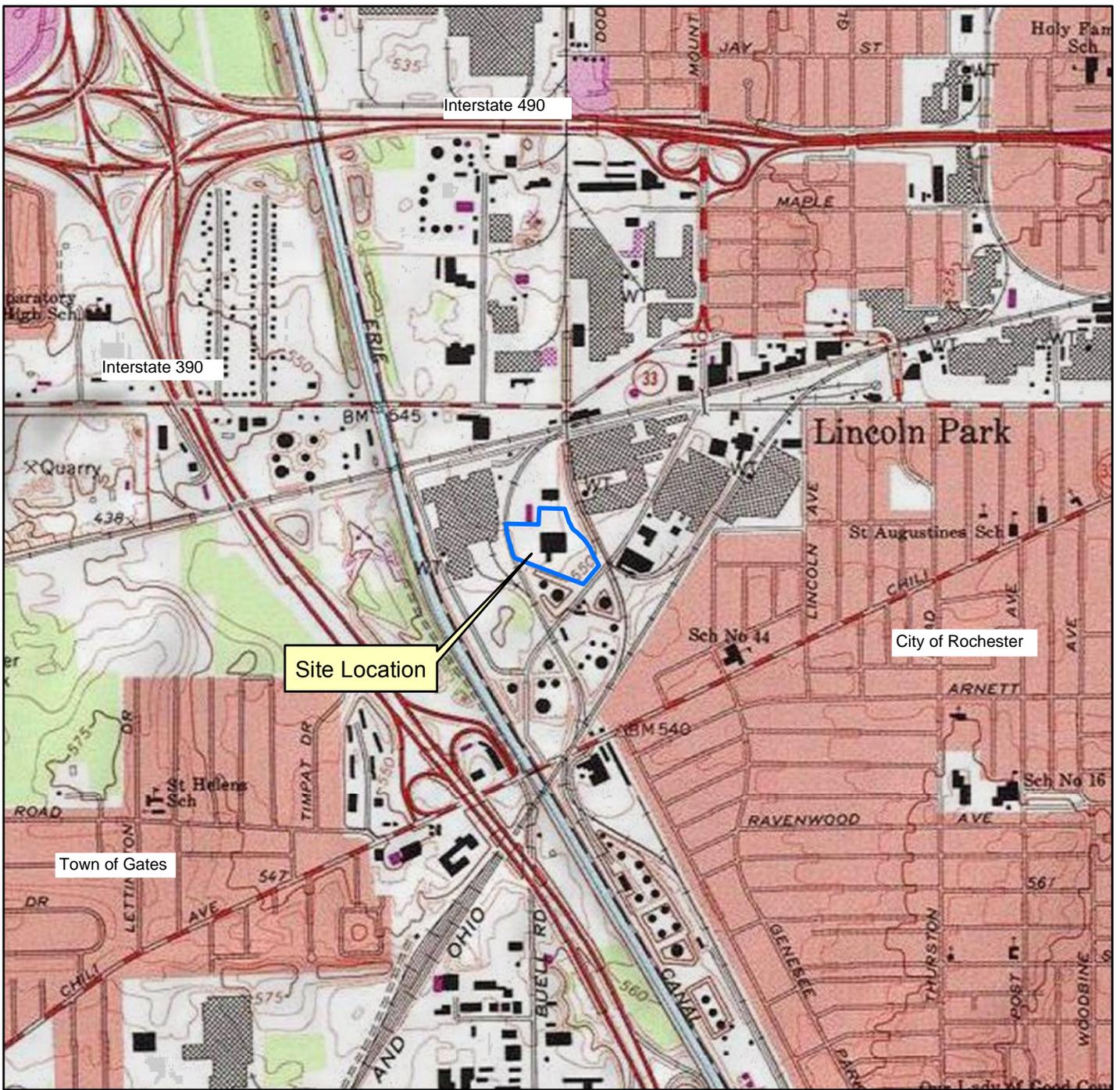
Receive Site Fact Sheets by Email

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.



1 inch = 2,000 feet



Figure 1
Site Location Map
Barthelmes Manufacturing
15 Cairn Street
Rochester, New York
HRP # NEW9624.P2
Scale 1" = 2,000'

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