



**Department of
Environmental
Conservation**

FACT SHEET

State Superfund Program

222 South Ferry Street

222 South Ferry Street
Schenectady, NY 12301

SITE No. 447047

NYSDEC REGION 4

July 2022

Where to Find Information

Access project documents through the DECinfo locator and at this location:

Document Repository Name

Schenectady Library
Reference Desk
99 Clinton Street
Schenectady, NY 12301
Phone: 518 388-4500

Site specific documents may be found online through the DECinfo Locator
<https://www.dec.ny.gov/data/DecDocs/447047/>

Who to Contact

Comments and Questions are welcome and should be directed to:

Ruth Curley, Project Manager
NYSDEC
625 Broadway
Albany NY 12233-7016
(518) 402-9480
Ruth.curley@dec.ny.gov

Project-Related Health Questions

Jacquelyn Nealon
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany NY 12237
(518) 402-7883
beci@health.ny.gov

For more information about New York's State Superfund Program, visit:
www.dec.ny.gov/chemical/8439.html

Interim Remedial Measure(s) Completed; No Further Action Required for State Superfund Site; Public Comment Period and Virtual Public Meeting Announced

Virtual Public Meeting, Tuesday 7/19/22 at 7:00 PM

To join via computer:

<https://meetny.webex.com/meetny/j.php?MTID=m80c32de466b621c9f6b41a94a84b963d> and use event password: NYSDEC2022

To join by phone, call 1-518-549-0500 and use access code: 161 726 9786

NYSDEC invites you to a public meeting to discuss the no further action 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.

DEC will provide interpreter services for hearing impaired persons and language interpreter services for individuals with difficulty understanding or reading English at no charge upon written request submitted no later than 7/12/2022.

The public is invited to comment on a no further action remedy being proposed by the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH) related to the 222 South Ferry Street site ("site") located at 222 South Ferry Street, Schenectady, NY. Please see the map for the site location. The investigation and remedy, implemented by the state under the State Superfund Program, cost approximately \$600,000. Schenectady County has agreed to pay \$215,000 of this cost.

How to Comment: NYSDEC is accepting written comments about the proposed plan, called a Proposed Remedial Action Plan (PRAP) for 30 days, from **July 7** through **August 6, 2022**.

- Access the PRAP and other project documents online through the DECinfo Locator: <https://www.dec.ny.gov/data/DecDocs/447047/>
- Documents also are available at the location(s) identified at left under "Where to find information."
- Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the "Who to Contact" area at left.

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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:

NYSDEC is proposing No Further Action based on the results of the investigation at the site and actions that have already been implemented.

An expedited cleanup, called an "Interim Remedial Measures" (IRM), is conducted at a site 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. At the 222 South Ferry Street site, an IRM was conducted.

The IRM involved what is known as In-Situ Enhanced Bioremediation. This process was used to treat chlorinated volatile organic compounds in groundwater, primarily in the center of the site. The biological breakdown of contaminants was enhanced by including soluble iron and a nutrient source for the biological agents. The compounds were directly injected into the subsurface through well screens from 5-16 feet below grade, at intervals of approximately 10 feet on center in the source areas on-site.

At this site, injections were performed in December 2020 in the center of the site. Based on the results, a second round of injections was performed in November 2021 in two areas where lower levels of groundwater contamination were found. Approximately 65 injection points were used, and immediately filled in after completion of the injections.

The expedited cleanup addressed the contamination found in groundwater at the site, greatly reducing previous high levels of contaminants and approaching the water quality standards for the contaminants. The site cover system consists of asphalt and crushed stone. The site meets the criteria for a commercial cleanup, which allows for commercial and industrial use if permitted by local zoning. Therefore, NYSDEC is proposing No Further Action as the remedy at the 222 South Ferry Street site.

NYSDEC developed the proposed no further action remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the feasibility study, which was conducted by NYSDEC under New York's State Superfund Program

Institutional and Engineering Controls: Institutional controls and engineering controls are controls to reduce or eliminate exposure to contaminants of concern. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left after the cleanup action 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.

The following institutional controls have been or will be put in place on the site:

- Local Groundwater Restriction
- Site Management Plan and
- Environmental Easement

The following engineering control is already in place on the site:

- Site Cover System

Next Steps: NYSDEC will consider public comments as it finalizes the no further action 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. NYSDEC would then reclassify or delist the site from the Registry of Inactive Hazardous Waste Disposal Sites.

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

Site Description: The site is approximately 0.98 acres and the property consists of an asphalt-paved parking lot. The northwest and southeast corners of the property have a crushed stone cover system rather than asphalt.

The parcel is bounded on the west by South Church St. and on the east by South Ferry St. To the north, there is a parking lot and to the south, there is a mixture of vacant commercial and residential properties. The site was formerly used as a trucking facility, but the buildings were removed and the site has been vacant since at least 2007.

Based on discussion with the current owner, the site will continue to be used for parking, primarily for use by Schenectady County Community College students. No redevelopment is anticipated.

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

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Environmental Site Remediation Database (by entering the site ID, 447047) at:

<http://www.dec.ny.gov/cfm/xtapps/derexternal/index.cfm?pageid=3>

Summary of the Investigation: Prior to remediation, the primary contaminants of concern were cis-1,2 dichloroethene (DCE) and vinyl chloride in the groundwater and soil vapor. Remedial actions have successfully reduced the groundwater contamination by over 99% for cis-1,2 DCE and vinyl chloride. The materials injected into the groundwater to achieve this reduction will continue to reduce groundwater contamination. Residual contamination in the soil, groundwater and soil vapor will be managed under a Site Management Plan.

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 before committing State funds for investigation and cleanup.

For more information about the SSF, visit:

<http://www.dec.ny.gov/chemical/8439.html>

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.

Stay Informed With DEC Delivers

Sign up to receive site updates by email:

www.dec.ny.gov/chemical/61092.html

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

DECInfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites:

<http://www.dec.ny.gov/pubs/109457.html>

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Site Location Map





Translation Available. Don't see your language? Ask!

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Contact: Ruth Curley, 518 402 9480, ruth.curley@dec.ny.gov