



Department of
Environmental
Conservation

FACT SHEET

Voluntary Cleanup Program

Steel Treaters, Inc.
520 Campbell Avenue
City of Troy, NY 12180

SITE No. V00578

NYSDEC REGION 4

July 2018

NYSDEC Certifies Cleanup Requirements Achieved at Voluntary Cleanup Site

Where to Find Information:

Project documents are available at these location(s) to help the public stay informed.

Troy Public Library

100 Second Street
Troy, NY 12180
(518) 274-7071

NYSDEC Central Office

Attn: Javier Perez-Maldonado
625 Broadway
Albany, NY 12233
(518) 402-9768

Who to Contact:

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

Project-Related Questions

Javier Perez-Maldonado, Project Manager
NYSDEC
625 Broadway
Albany, NY 12233-7016
(518) 402-8172
javier.perez-maldonado@dec.ny.gov

Health-Related Questions

Arunesh Ghosh
NYSDOH
Bureau of Environmental Exposure
Investigation
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12237
(518) 486-7860
beei@health.ny.gov

For more information about New York's
Voluntary Cleanup Program, visit:

<http://www.dec.ny.gov/chemical/8442.html>

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the Steel Treaters, Inc. site ("site") located at 520 Campbell Avenue, City of Troy, Rensselaer County, under New York State's Voluntary Cleanup Program (VCP) have been met. Please see the map for the site location.

The cleanup activities were performed by ESCO Corporation ("Volunteer") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC). NYSDEC has approved a Final Engineering Report (FER) and issued a release letter to the Volunteer regarding the site. Copies of the release letter and the FER, which documents the completion of the site remedy, are available at the location(s) identified to the left under "Where to Find Information."

Completion of the Project: The following activities have been completed to achieve the remedial action objectives:

- Excavation and off-site disposal of contaminated soils, chemical injections and soil vapor extraction were performed as a series of interim remedial measures (IRMs) in the vicinity of the former degreasing pit (source area) to address contaminant sources to site soil and groundwater. An IRM is a cleanup action that may be conducted without extensive investigation in order to address an obvious environmental problem and reduce risk to public health and the environment.
- Installation of two Permeable Reactive Barrier (PRB) treatment walls to reduce elevated concentrations of chlorinated solvents in groundwater and mitigate off-site migration of impacted groundwater. Subsurface PRBs consist of treatment media (e.g., zero-valent iron), typically installed via trenching or injection to treat contaminated groundwater as it flows through the media.
- Installation of sealed sheet pile shoring to direct groundwater towards the PRB.
- Installation of site cover to allow for commercial or industrial use of the site in areas where the upper one foot of exposed surface soil exceeds the commercial use soil cleanup objectives. The site cover consists of the former building slab, paved surface parking areas, sidewalks, or a soil cover. Clean fill was brought in to replace the excavated soil and to establish the design grades at the site.
- Implementation of a Site Management Plan (SMP) for long-term management of remaining contamination as required by the Environmental Easement, including plans for: (1) Institutional and Engineering Controls (IC/ECs); (2) monitoring; (3) operation and maintenance; and (4) reporting.
- Recording of an Environmental Easement, including ICs, to prevent future exposure to any residual contamination remaining at the site.

Final Engineering Report Approved: NYSDEC has approved the FER, which:

- 1) Describes the cleanup activities completed.
- 2) Certifies that cleanup requirements have been or will be achieved for the site.
- 3) Describes 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 contamination left over 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.
- 4) Certifies that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

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Next Steps: With receipt of a release letter, the Volunteer has no liability to the State for contamination at or coming from the site, subject to certain conditions. A release letter may be modified or revoked if, for example, there is a failure to comply with the terms of the order or agreement with NYSDEC.

Site Description and Background: The site is approximately 1.1 acres located at 520 Campbell Avenue in a suburban area of the City of Troy. The site is bounded by Campbell Ave. to the north, beyond which are commercial properties, a strip mall to the west, a wooded, steeply sloping lot to the east and a residential property to the south. The site formerly consisted of an 8,400-square foot building and associated paved parking and landscaping areas. The southern portion of the site remains wooded and undeveloped. The building, which was heavily damaged in a fire, has been demolished, but the concrete slab remains. The site was formerly occupied by Steel Treaters, a steel heat treating facility. Investigations at the site undertaken prior to the remediation identified chlorinated volatile organic compounds (including trichloroethylene ("TCE"), 1,1,1-trichloroethane ("TCA"), and breakdown products of these compounds) in soil, groundwater and soil vapor at the site.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, V00578) at:

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

Voluntary Cleanup Program Overview: New York's Voluntary Cleanup Program to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of

contaminated properties. The Voluntary Cleanup program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" Site.

For more information about the VCP, visit:

<http://www.dec.ny.gov/chemical/8442.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.

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 at:

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.

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Site Location Map

