



Department of  
Environmental  
Conservation

**Where to Find Information:**

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

NYSDEC  
625 Broadway  
Albany New York 12233  
Contact: John Spellman  
(518) 402-9662

**Who to Contact:**

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

**Project-Related Questions**

John Spellman, Project Manager  
NYSDEC  
625 Broadway  
Albany, New York 12233  
(518) 402-9662  
[john.spellman@dec.ny.gov](mailto:john.spellman@dec.ny.gov)

**Health-Related Questions**

Mark Sergott  
NYSDOH  
Bureau of Environmental Exposure  
Investigation  
Empire State Plaza Corning Tower 1787  
Albany, New York 12237  
(518) 402-7860  
[beei@health.ny.gov](mailto:beei@health.ny.gov)

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

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# FACT SHEET

## State Superfund Program

NM Area 4 Water Street  
Troy MGP Site  
1000 River Road  
Troy, NY

June 2019

**SITE No. 442029A**  
**NYSDEC REGION 4**

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### **NYSDEC Announces Reclassification of Site on Superfund Registry; Certifies Cleanup Requirements Achieved at State Superfund Site**

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the Niagara Mohawk (NM) – Area 4 Water St. – Troy MGP site (“site”) located at 1000 River Road in Troy, Rensselaer County, under New York’s State Superfund Cleanup Program have been or will be met.

The cleanup activities were performed by and paid for by National Grid with oversight provided by NYSDEC. NYSDEC has issued a release letter to National Grid regarding the site. Copies of the Final Engineering Report (FER), which documents the completion of the site remedy, is available at the location 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:

- The removal and off-site disposal of approximately 104,000 tons of tar and soil impacted with former manufactured gas plant (MGP) wastes followed by the placement of clean fill to establish the design grades at the site.
- The installation of a cover system consisting of an impermeable polyethylene sheet and two feet of clean soil. A retaining wall was constructed in certain areas to provide erosion and scour protection from the Hudson River.
- The development of a Site Management Plan for long-term management of residual contamination as required by the deed restriction, including plans for: (1) institutional and engineering controls; (2) monitoring; (3) operation and maintenance; and (4) reporting.
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**Final Engineering Report Approved:** NYSDEC has approved the FER, which:

- Describes the cleanup activities completed.
- Certifies that cleanup requirements have been achieved for the site.
- Describes any institutional/engineering controls to be used. An *institutional control* is a non-physical restriction on use of the site, 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 surface cap or vapor barrier.

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

- Site Management Plan
- Groundwater Use Restriction
- Land Use Restriction
- Deed Restriction

The land use is restricted to commercial or industrial uses, which is consistent with the current zoning.

The following engineering controls have been put in place on the site:

- Cover System

**Next Steps:** With its receipt of a release letter, National Grid has no liability to the site 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.

The site continues to be monitored. This includes inspection of the cover system, drainage structures, and riverbank protection. The former manufactured gas plant, approximately three quarters of a mile north of the site, and the adjacent Hudson River have been designated as a separate site and are being addressed distinct from the Area 4 site.

**Site Description and Background:** The site is a 14-acre narrow strip of land along the east bank of the Hudson River about a half mile south of the Menands Bridge (NY Route 378), in the City of Troy and the Town of North Greenbush. There are no structures on the parcel, which is currently owned by the Rensselaer County Sewer District.

The site was used as a disposal pit for wastes from the former iron and steel works and manufactured gas plant operations which existed to the north. It is not known when disposal began, however, steel production in south Troy began prior to 1900. The pit was covered with slag materials and soil around 1960. Prior to the cleanup, tar was observed on the surface and in subsurface explorations. Analysis of the tar showed certain chemical contaminants above the NYSDEC guidance values for soil. These contaminants included benzene and polycyclic aromatic hydrocarbons.

From the late 1800s to the mid-1900s, hundreds of manufactured gas plants across New York State supplied homes and industry with fuel for heating, cooking, and lighting. Gas was produced by heating coal which resulted in

a tar byproduct. Tar that was unable to be refined into a useable product was typically disposed of near the plant.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, 442029A) at:

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

**State Superfund Program Overview:** 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. National Grid, a successor company to the manufactured gas plant, consented to the cleanup.

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*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.*

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### Receive Site Fact Sheets by Email

NYSDEC invites you to sign up with one or more contaminated sites county email listservs at:

[www.dec.ny.gov/chemical/61092.html](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. received this fact sheet electronically.

# STATE SUPERFUND PROGRAM

## Site Location Map NYS DOT Troy South Quadrangle

