

**FACT SHEET****Manufactured Gas Plant
Program**

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Site Name: National Grid - Troy (Liberty St.) Former Manufactured Gas Plant

DEC Site #: V00482

Address: Intersection of Hill and Liberty Streets
Troy, NY 12180

Have questions?
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"Who to Contact"
Below

Investigation Completed at Manufactured Gas Plant Site; Action to Address Contamination Recommended

The New York State Department of Environmental Conservation (NYSDEC) has reviewed and accepted a report recommending the cleanup of the National Grid - Troy Liberty St. Manufactured Gas Plant (MGP) site, located on Liberty Street, Troy, Rensselaer 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."

The report, called a "Remedial Investigation Report," was submitted to NYSDEC by National Grid. The report describes the results of the site investigation and recommends development of a remedy to address the contamination that was found.

Highlights of the Remedial Investigation Report

The investigation report has several goals:

- 1) describe the investigation activities completed;
- 2) describe the nature and extent of contamination at the site;
- 3) provide information about off-site contamination issues; and
- 4) recommend whether cleanup of contamination is required.

Summary of the Remedial Investigation (RI) Report

The RI was conducted through analysis of samples taken from soils and groundwater. The summarized key findings are:

- Visible impacts in subsurface soil were observed in and around the northern tar well (staining, free-phase tar and odors) at a depth of 14-17 feet below ground surface, and in and around the southern tar well (staining, sheens, tar blebs and free-phase tar) at a depth of 4.5-27 feet below ground surface.
- The primary chemical compounds detected in soil include benzene, toluene, ethylbenzene and xylenes (known as BTEX) and polycyclic aromatic hydrocarbons (known as PAHs). These compounds are typically associated with former MGP operations.
- MGP-associated contaminants – BTEX and PAHs – were found in on-site groundwater monitoring wells.
- Although site access is unrestricted, exposure to site-related contaminants will not occur unless excavation is performed below the asphalt surface covering the site. The area is served by a public water supply that is not impacted by the groundwater from the site.

- Because there are no on-site buildings, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition.

Next Steps

National Grid has completed an investigation of the site to NYSDEC's satisfaction. NYSDEC agrees with the conclusion that cleanup of site contamination is needed. National Grid will work with NYSDEC to develop an acceptable cleanup plan, called a "Remedial Action Work Plan". The goal of the plan is to describe the actions that will be performed to clean up the site to protect public health and the environment. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 30-day comment period.

Background

Location: The former Troy-Liberty Street MGP site is located in an urban residential/light commercial area in Troy's "Little Italy" neighborhood. The site is abutted to the east by Fifth Avenue, to the south by Washington Street, to the west by Hill Street, and to the north by Liberty Street.

Site Features: The site is comprised mostly of an asphalt parking lot, with two small bocce courts at the south end. It is bordered by a metal fence with brick pillars on the western side and a chain link fence on the northern side.

Current Zoning/Use(s): The site is currently vacant, and is zoned for commercial use. During the spring, summer and fall the site is intermittently used for a farmers market, recreational stickball and bocce leagues. The rectangular site comprises approximately 1.02 acres in a mixed residential and commercial area.

Past Use of the Site: The gas works were constructed at the site in 1848, and operated until 1889 by the Troy Gas Light Company. All of the former MGP buildings were demolished by 1899, when the City of Troy purchased the property. The City used the site as an open-air market into the 1970s. The parcel was purchased by the Troy News Company in 1975, and was used mainly for parking. The City regained possession of the property in 2003, and the site continues to be used as a farmer's market and for various community activities.

Site Geology and Hydrogeology: The site is underlain by several geologic units, including fill material, alluvial deposits, alluvial sand and gravel, sand and silt. The fill material has been found as thick as 25 feet on site. Below this layer are the alluvial layers, as well as sand. Groundwater depths range from 13 to 16 feet below ground surface, flow direction is generally to the southwest.

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=V00482>

About the Manufactured Gas Plant Program:

NYSDEC has one of the most aggressive Manufactured Gas Plant (MGP) site investigation and remediation programs in the country. Since the problems associated with the former MGP sites were identified, NYSDEC has been working with all the utilities on a state-wide basis to identify and address the issue of MGP sites for which they may have responsibility. This effort has resulted in approximately 235 sites identified for action by the eight utilities operating in New York State.

Currently we have multi-site orders or agreements with six utilities, including National Grid, and several other individual site volunteers, to address 222 MGP sites in NYS. Multi-site agreements are under negotiation with a seventh utility and several other responsible parties, which have newly-identified sites.

NYSDEC continues to seek to identify any other possible MGP sites throughout the State.

For more information about the NYSDEC's MGP program, visit:

www.dec.ny.gov/chemical/8430.html

FOR MORE INFORMATION**Where to Find Information**

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

Troy Public Library
100 2nd Street
Troy, NY 12180
518-274-7071

Hours: Monday-Thursday 9am to 8pm
Friday and Saturday 9am to 5pm

NYSDEC Central Office
Scott Deyette, Project Manager
DER, 11th Floor
625 Broadway
Albany, NY 12233-7014
(518) 402-9662
By Appointment Only

Who to Contact

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

Project Related Questions

Scott Deyette
NYSDEC
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9662
sxdeyett@gw.dec.state.ny.us

Site-Related Health Questions

Ms. Maureen Schuck
NYSDOH, BEEI
Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12237
518-402-7860
mer10@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.



