



# FACT SHEET

## Manufactured Gas Plant Program

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**Granville Former MGP**  
**NYSDEC Site # 558021**  
**Granville, NY**

**February 2014**

### **Remedy Proposed for Former Manufactured Gas Plant Site; Public Comment Period and Public Meeting Announced**

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the New York State Electric & Gas Corporation (NYSEG) Granville MGP site ("site") located on North St., Granville, Washington County. Please see the map for the site location.

NYSEG (New York State Electric & Gas), the site owner, has agreed to investigate and remediate the site to a level that is protective of public health and the environment. The investigation and remediation are being performed with the oversight of the NYSDEC and the New York State Department of Health (NYSDOH).

**Public Meeting**  
**Thursday March 13**  
**6:30 – 9:00 pm**  
**Granville Municipal Offices**  
**51 Quaker St. Granville, NY**

NYSDEC invites you to a public meeting to discuss the remedy proposed for this site. You are encouraged to provide comments at the meeting and during the 30-day comment period described in this fact sheet.

### **Summary Of The Proposed Remedy**

The remedy proposed for the site includes:

- Removal and off site disposal of coal tar contaminated soil beneath three areas:
  - 1) The footprint of the former Manufactured Gas Plant operations area.
  - 2) A 700 foot- long section of the Mettawee River. This will require a temporary diversion of the river channel.
  - 3) A small area of the Granville Little League property next to the river.
- In-situ solidification (ISS) of coal tar contaminated soil within a 2.5 acre portion of the NYSEG property between the Mettawee River and the former railroad/recreational trail.
- Prior to the ISS coal tar will be removed from this area through a series of recovery wells.
- Removal of coal tar from the bedrock through a series of recovery wells.
- A Site Management Plan

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the feasibility study submitted under the New York State Superfund Program. The proposed remedy is protective of human health and the environment, cost-effective, compliant with statutory requirements, and utilizes permanent solutions to the maximum extent practicable. The document is available for public review at the locations identified below under “Where to Find Information”.

The estimated cost to implement the remedy is \$14,350,000. NYSEG will be financially responsible for implementation of the remedy

Other alternatives presented in the Feasibility Study included:

- No action, incurring no cost to implement.
- Excavation and removal of approximately 21,000 cubic yards of soil across the site and beneath the Mettawee River ranging from 10 to 20 feet deep, costing \$19,000,000 to implement.
- Excavation of approximately 7,500 cubic yards of soil and coal tar extraction costing \$12,000,000 to implement.
- Excavation of approximately 7,500 cubic yards of soil and containment of remaining coal tar contaminated soil costing \$9,000,000 to implement.

### **How to Comment**

NYSDEC is accepting written comments about the proposed remedy for 30 days, from **February 25, 2011** through **March 26, 2011**.

Submit written comments to:  
Henry Willems, Project Manager  
NYSDEC  
625 Broadway, 11th Floor  
Albany, NY 12233-7014  
1-866-520-2334  
htwillem@gw.dec.state.ny.us

### **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. This document will be made available to the public (see “Where to Find Information” below). The project then moves to designing and performing the cleanup action to address the site contamination. NYSDEC will keep the public informed during the cleanup of the site.

### **Background**

#### **Past Use of the Site:**

Information regarding manufactured gas plants and New York State’s program to remediate them can be found at:

<http://www.dec.ny.gov/chemical/8430.html>.

A manufactured gas plant (MGP) was constructed on the site in 1898 and operated until 1946. During this period gas was manufactured using a carbureted water gas process. The initial operator was the Granville Electric and Gas Company until 1925. Ownership passed to the Eastern New York Electric and Gas Company, Inc. in 1925, and then to the New York State Electric and Gas Corporation in 1928. Following closure of the gas manufacturing facility in 1946, a propane distribution company (Fuel Gas Company) operated at the site until 1958. Site contamination is related to the gas manufacturing operations conducted by NYSEG and its predecessors.

In 1994, NYSEG entered into a consent order with the NYSDEC that requires NYSEG to investigate and, where necessary, remediate 33 former MGP sites. The former Granville MGP site is among the 33 sites included in the consent order. Under the terms of the consent order, all work will be done under the oversight of DEC and DOH.

### **Site Features:**

The site is approximately 10 acres in size and is composed of three adjoining parcels owned by the New York State Electric and Gas Corporation (NYSEG). The southern portion of the site is wooded, while the northern half transitions from a wooded area into an open field containing the NYSEG Granville Operations Center. An earthen berm separates the wooded portion of the site from the open, northern portion. Access to the site is uncontrolled. Figure 1 shows the site location and immediate surrounding areas.

### **Current Zoning/Use(s):**

The parcel containing the active Operations Center is zoned residential. The location of the Operations Center in a residentially zoned parcel constitutes a non-conforming commercial use. The remaining parcels are vacant (wooded) and are zoned residential. The nearest residential structures are located approximately 300 feet to the east.

### **Summary of the Investigation**

The Remedial Investigation (RI) was conducted between 2008 and 2010. The RI field investigations included the collection and analysis of samples from surface and subsurface soil, sediments in the Mettawee River soil vapor, and groundwater.

The results of the RI indicate that subsurface soil and groundwater beneath the site have been contaminated by coal tar which has migrated from the former MGP. This contamination has migrated from the MGP through a highly permeable gravel layer that lies approximately ten feet below the ground surface. The coal tar has spread to the north, under approximately four acres of the NYSEG property, and to the west, under the Mettawee River and the adjoining portion of the Granville Little League property. Immediately north of the MGP, coal tar has migrated downward into bedrock.

Under current conditions, there are no health related exposures to these contaminants. Cleanup of the site is recommended to protect the Metawee River from future contamination, prevent further migration of contamination through the subsurface, and to restore groundwater to water quality standards

## Where to Find Information

Project documents are available at the following locations to help the public to stay informed. These documents include the proposed cleanup plan for the site, called the “Proposed Remedial Action Plan”, and the Remedial Investigation and Feasibility Study reports.

Pember Library  
33 Main St.  
Granville, NY 12832  
(518) 642-2525  
Hours: Tues 9 a.m. 5 p.m.  
Wed&Thurs: 1 p.m. to 8 p.m.  
Fri: 12 p.m. to 5 p.m.  
Sat 10 a.m. to 3 p.m.

NYSDEC  
625 Broadway  
Albany, NY 12233-7014  
By appointment, contact Henry Willems  
(518) 402-9662

## Who to Contact

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

### Project Related Questions

Henry Willems  
Project Manager  
NYSDEC  
625 Broadway, 11th Floor  
Albany, NY 12233  
(518) 402-9662  
Email: [htwillem@gw.dec.state.ny.us](mailto:htwillem@gw.dec.state.ny.us)

### Site-Related Health Questions

Wendy S. Kuehner, P.E.  
Bureau of Environmental Exposure  
Investigation  
Empire State Plaza, Corning Tower, Room  
1787 Albany, NY 12237  
(518) 402-7860  
e-mail: [beei@health.state.ny.us](mailto:beei@health.state.ny.us)

To direct questions to NYSEG, please contact:

James Salmon  
NYSEG Community Outreach Mgr.  
6 Werner Rd  
Mechanicville, NY 12065  
518.664.9534

If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager listed above. 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: [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.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

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

