

**NEW YORK STATE
DEPARTMENT OF**



**ENVIRONMENTAL
CONSERVATION**

This Fact Sheet contains information about the proposed remedy for the Troy (Smith Avenue) Former MGP Site in the City of Troy, New York. If you have any questions regarding the project please contact:

Mr. John Spellman, P.E.
Project Manager
NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233
(518) 402-9662

For Site-related health questions, please contact:

Ms. Maureen Schuck,
NYSDOH
Flanigan Square
547 River Street
Troy, NY 12180
(518) 402-7860

To direct questions to National Grid, please contact:

Ms. Cathy Geraci
National Grid
300 Erie Boulevard West
Syracuse, NY 13202
(315) 428-6529

FACT SHEET

Troy (Smith Avenue) Former MGP Site, Troy, New York

Site No. 442030
February 20, 2007

Clean-up Plan Proposed for the Smith Avenue Former MGP Site

IMPORTANT DATES:

MARCH 12, 2007 6:30 PM PUBLIC MEETING
NATIONAL GRID SERVICE CENTER
SMITH AVENUE
TROY

MARCH 23, 2007 COMMENT PERIOD ENDS

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH), announces the availability for public comment of the Proposed Remedial Action Plan for the Troy (Smith Avenue) Former Manufactured Gas Plant (MGP) Site. You are invited to a public meeting to be held March 12, 2007. The site is adjacent to the Federal lock and dam, approximately one mile north of the NY Route 7 Bridge (Collar City Bridge) spanning the Hudson River, and is the current location of a National Grid Service Center. National Grid will remediate (clean up) the contaminated site under New York State's Inactive Hazardous Waste Disposal Site Program.

Under the program, National Grid 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 carried out with the oversight of the NYSDEC and NYSDOH.

Your understanding and involvement in this project are important. Your comments and input about the proposed remedy are encouraged. The Proposed Remedial Action Plan and other site documents are available at the document repositories listed on the back. Please contact the NYSDEC, NYSDOH and National Grid representatives listed to the left at any time with your questions and concerns. Comments will be received by the NYSDEC through March 23, 2007. Written comments should be submitted to:

John Spellman, P.E.
Project Manager
NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233-7014

All comments received during the public comment period will be considered as the remedy for the site is finalized. Public input will be factored into a Record of Decision, which will describe the remedy selected and why it was chosen. A responsiveness summary will be prepared which will respond to the comments received. Work will then continue to design and implement the selected remedy.

BACKGROUND

The Troy - Smith Avenue - Former MGP Site is one of approximately 300 former MGP sites that existed across New York State in the early 20th century. The Smith Avenue plant was operated by National Grid predecessor companies from

approximately 1888 to 1928. Gas was manufactured by heating coal. Freshly-manufactured gas had to be cooled and its impurities removed before it could be used. Two principle byproducts resulting from these processes were coal tar and purifier material, some of which was released to the environment. These byproducts contained chemical contaminants, primarily benzene, toluene, ethylbenzene, xylene, polycyclic aromatic hydrocarbons and ferric ferrocyanide. The extent of contamination was determined by a series of investigations conducted by National Grid. MGP impacts were found primarily in soil and groundwater on the west side of the service center and on the south end of the United States Army Corps of Engineers property. A study of the Hudson River is ongoing, to determine if the river has been affected by former MGP operations.

Most of the site is covered with pavement or clean gravel. The site is also fenced and thus direct contact to contaminants is not likely. The surrounding area is served by public water, so exposure to MGP impacted groundwater is not likely.

PROPOSED REMEDY

NYSDEC proposes the following remedy for the site (please refer to the Proposed Remedial Action Plan for a complete description):

- Removal of the contents of a former gas holder.
- Construction of a subsurface containment wall fully enclosing the area in the vicinity of two former gas holders. The wall would be approximately 1,000 feet in perimeter. A low permeability cap would be placed over the contained area to minimize infiltration.
- Outside of the containment area, placement of asphalt pavement over approximately 1.3 acres.
- Installation of coal tar recovery wells.
- An environmental easement to restrict the use of the site to commercial/industrial, since some MGP impacts would remain at the site in concentrations above an unrestricted use;
- Development and implementation of a site management plan;
- An evaluation of indoor air quality if occupied structures were to be constructed on the site in the future.



NEXT STEP

Following the Record of Decision, National Grid will perform a remedial design to develop the details necessary to enable contractors to carry out the cleanup elements.

DOCUMENT REPOSITORIES

To review the complete Plan and other site information:

Troy Public Library
100 2nd Street
Troy, NY 12180
(518) 274-1822

NYSDEC
625 Broadway
Albany, NY 12233-7014
by appointment, contact: John Spellman
(518) 402-9662