



FACT SHEET

Manufactured Gas Plant Program

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Hudson – Water Street
Former Manufactured Gas Plant Site
Site # 411005
Water Street
City of Hudson, NY

February 2012

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

The public is invited to comment on the remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) to address environmental impacts related to the Hudson - Water Street Former Manufactured Gas Plant (MGP) Site Operable Unit 2(OU2). The site is located along the east bank of the Hudson River. It includes a portion of the Hudson River adjacent to the Lockwood property (Lot 16.2) and the former MGP area located on the SBD Warehouse property (Lot 15) in Hudson, Columbia County, New York. The stretch of the river included in OU2 extends approximately 1700 feet along the shoreline from the west end of Ferry Street to Holcim Ltd’s (formerly St. Lawrence Cement Company’s) storage area, and approximately 300 feet offshore into the western edge of the shipping channel. See the attached map for the site location. National Grid, the site owner, has entered into a consent order with NYSDEC requiring National Grid 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
February 28, 2011
6:00 pm**

Hudson Area Library
400 State Street
Hudson, 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.

The Proposed Remedy

The remedy proposed for the site includes excavation/dredging and disposal of contaminated sediments. The proposed remedy is described in a draft cleanup plan called a “Proposed Remedial Action Plan”, developed under New York State’s Manufactured Gas Plant Program. The document is available for public review at the locations identified below under “Where to Find Information”.

About the Manufactured Gas Plant Program:

NYSDEC has one of the most aggressive Manufactured Gas Plant (MGP) Programs 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

How to Comment

NYSDEC is accepting written comments about the proposed remedy for 30 days, from **February 17, 2012 through March 19, 2012.**

Submit written comments to:

Mr. Anthony Karwiel, Project Manager
NYSDEC

625 Broadway, 11th Floor
Albany, NY 12233-7014

1-866-520-2334

alkarwie@gw.dec.state.ny.us

Summary of the Proposed Remedy

The proposed remedy represents the alternative preferred by NYSDEC, NYSDOH and National Grid to address site impacts. The draft cleanup plan includes:

- Installing engineering controls around the area for remedial consideration (ARC) within the Hudson river;
- Removal and offsite disposal of debris and temporary removal of shore-line rip rap within

the ARC;

- Removal of up to 9,000 cubic yards (cy) of Coal Tar -containing and toxic sediment within the ARC to depths up to 15 feet below the sediment surface. Additional removal may be necessary to address sheen generating sediment in areas south of and outside the ARC.
- Pre-treatment of the dredged sediment for off-site treatment and disposal at a permitted facility.
- Installation of a temporary water treatment system to treat water removed from the dredged sediment.
- Restoration of the stream bed and banks to the original conditions to the extent feasible.
- Since contaminants over SCGs will remain on-site after remediation, monitoring of remedy effectiveness and restoration success will be conducted. A monitoring plan will be developed during design of the remedy.

The proposed remedy was chosen following a detailed investigation of the site and evaluation of alternatives to address MGP impacts, called a "Remedial Investigation/Feasibility Study". Other alternatives presented in the Feasibility Study include no action, capping and the removal of contaminated sediment to varying degrees. The proposed remedy will achieve the remediation goals for the site by removing coal tar-containing and toxic sediments in the river to the extent feasible. The proposed remedy will greatly reduce the source of MGP impacts to sediment, and it will create the conditions needed to clean the sediment to the extent possible.

The estimated cost to implement the remedy is \$15,340,000. National Grid will be financially responsible for implementation of the remedy.

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

The Hudson – Water Street plant was operated by National Grid and National Grid’s predecessor companies from approximately 1853 to 1949. Gas was manufactured by heating coal. Freshly-manufactured gas had to be cooled and its impurities removed before it could be used. A coal tar resulted from these processes, some of which was released to the environment. The coal tar contains a number of chemical contaminants, primarily benzene, toluene, ethylbenzene, xylene (BTEX) and polycyclic aromatic hydrocarbons (PAH). The extent of MGP impacts was delineated by a series of investigations conducted by National Grid. MGP impacts for OU2 were found in sediment within the Hudson River.

FOR MORE INFORMATION

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.

Hudson Area Library
400 State Street
Hudson, New York 12534
(518) 828-1792
T, W 9am-8pm
Th, F 9am-5pm
Sat 10am-3pm
Closed Sunday, Monday

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

Who to Contact

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

Project Related Questions

Mr. Anthony Karwiel
Project Manager
NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233
(518) 402-9662, alkarwie@gw.dec.state.ny.us

Site-Related Health Questions

Mrs. Maureen Schuck
NYSDOH
Flanigan Square
547 River St., Room 300
Troy, NY 12180-2216
(518) 402-7860, mer10@health.state.ny.us

To direct questions to National Grid, please contact:

Mr. William Jones P.E., Project Manager
National Grid, 300 Erie Blvd., West
Syracuse, NY 13202, Phone: 315-428-5690

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 . 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.

