



FACT SHEET

Manufactured Gas Plant Program

Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: National Grid Babylon MGP
DEC Site #: 152181
Address: 29 Evergreen Street
West Babylon, NY 11707

Have questions?
See
"Who to Contact"
Below

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

Public Meeting, Thursday, 2/26/2015 at 7:00 PM

West Babylon Junior High School Auditorium, 200 Old Farmingdale Road, West Babylon, NY
NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the National Grid Babylon MGP site ("site") located at 29 Evergreen Street, West Babylon, Suffolk 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."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 13, 2015** through **March 13, 2015**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

- Excavation of approximately 400 cubic yards of soil in the area of the proposed solidification.
- Solidification of approximately 1,300 cubic yards of MGP-impacted soil in deeper areas to a depth of 25 feet. The contaminated soil will be mixed in-place together with solidifying agents (typically portland cement) or other binding agents using an excavator or augers. The result is a low permeability soil that retards groundwater flow.
- Clean soil meeting the Department of Environmental Conservation's requirements for

restricted residential use will be brought from an off-site location to establish the final grade.

- An environmental easement will be established for the site that will allow the use and development of the controlled property for restricted residential, commercial and industrial uses and restrict the use of groundwater as a source of potable or process water.
- A site management plan will be established which will detail the requirements for future excavations and long-term groundwater monitoring.

Summary of the Investigation

Coal tar and other MGP-residuals resulting from former MGP operations are associated with most of the identified environmental impacts. The coal tar, also referred to as a non-aqueous phase liquid, was found on-site down gradient of the former gas holder.

Groundwater at the site is above standards and guidance values for benzene, toluene, ethylbenzene, xylene, and naphthalene; as well as polycyclic aromatic hydrocarbons (PAHs). The PAH groundwater plume extends approximately 250 feet to the southeast on the adjacent off-site property.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State Manufactured Gas Plant Program by the responsible party(ies).

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.

Background

Location:

The Babylon MGP site is 0.8 acres in size and located at 29 Evergreen Street, in a suburban area of West Babylon, Suffolk County, New York. The site is currently bounded to the south/southwest by Long Island Railroad (LIRR) tracks, to the west/northwest by residential dwellings, and to the east/northeast by multi-unit residential buildings.

Site Features:

There is one occupied warehouse/office building on-site. The rest of the site is partially covered by asphalt and grass, with several sheds and storage containers. The site is completely fenced.

Current Zoning and Land Use:

The site is currently active and used for boat storage. The on-site building is currently vacant, and has both office and garage space. The current zoning is commercial, and the nearest residential properties border the site to the north and east.

Past Use of the Site:

Manufactured Gas Plant (MGP) operations began at the site during 1911 and continued through 1917. Compared with other MGP sites, gas manufacturing at the Babylon site were conducted on a small scale and for a short period of time. The South Shore Gas Company was originally an independent company, but was subsequently sold to the Long Island Lighting Company

(LILCO). By 1917 gas production had ceased on-site, and the site was converted to store and distribute gas manufactured at other MGP sites. LILCO was the site owner from 1915 to 1961. After that date, the site has been occupied by various commercial businesses (e.g., storm window manufacturer, fluorescent light manufacturer, and a fuel oil company). The fuel oil distribution facility occupied and operated at the site between 1980 and 2000.

Site Geology and Hydrogeology:

The site geology consists of fill material, consisting of sand, silt, gravel and debris, comprising the top 11 feet of the site. Below this material is sand for approximately 6 feet, then a gravel layer up to 11 feet thick. Below the gravel layer is another sand layer to at least 35 feet below ground surface. Groundwater is unconfined in the Upper Glacial Aquifer, constrained only by the fresh water-saltwater interface. The groundwater table has been found between 6 and 8 feet below ground surface and flows to the southeast.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=152181>

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 seven 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 MGP sites in NYS. 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.

West Babylon Public Library
211 Route 109
West Babylon, NY 11704
Phone: (631)669-5445

NYSDEC Region 1 Headquarters
Attn: Walter Parish
50 Circle Road
BY APPOINTMENT ONLY
Stony Brook, NY 11790
Phone: (631)444-0200

Who to Contact

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

Project Related Questions

Scott Deyette
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9662
scott.deyette@dec.ny.gov

Site-Related Health Questions

Dawn Hettrick
New York State Department of Health
Corning Tower, Room 1739 Empire State Plaza
Albany, NY 12237
(518) 402-7860
BEEI@health.ny.gov

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.

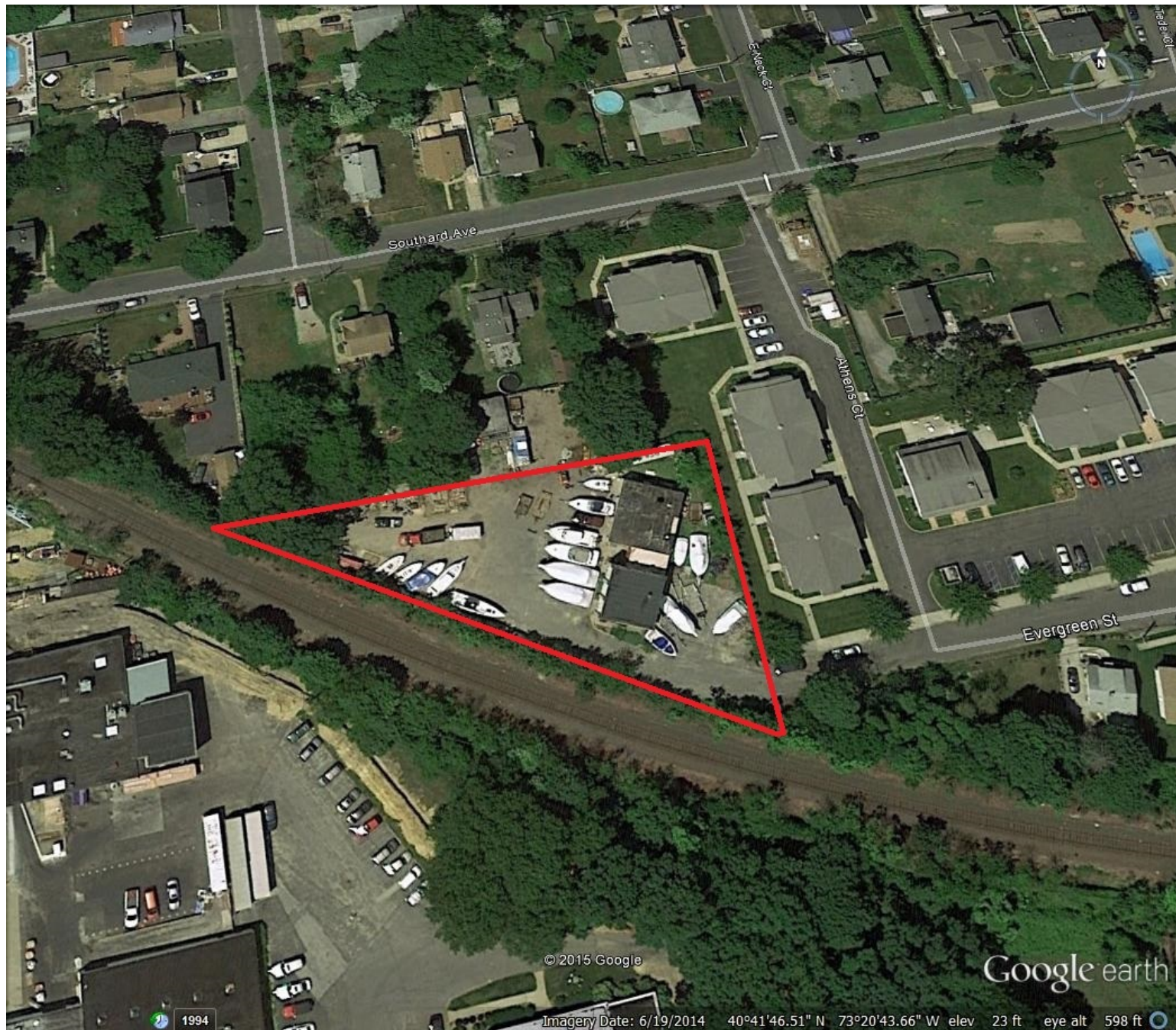
Receive Site Fact Sheets by Email

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.



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Imagery Date: 6/19/2014 40°41'46.51" N 73°20'43.66" W elev 23 ft eye alt 598 ft