

## FOR MORE INFORMATION

### Where to Find Information

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

#### Bay Shore/Brightwaters Public Library

1 South Country Road  
Brightwaters, NY 11718

#### NYSDEC Region 1 Office

50 Circle Road  
Stony Brook, NY 11790

Repository is open during normal library hours.

Contact: Mr. Walter Parish  
(631) 444-0240  
Hours: M-F: 9-5 (by appointment)

For additional information about site activities and other related information about the site, please visit National Grid's website for the project at: [www.bayshoreworksmgp.com](http://www.bayshoreworksmgp.com)

### Who to Contact

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

#### Project Related Questions

Mr. Amen Omorogbe, P.E.  
NYSDEC  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7014  
(518) 402-9564  
[amomorog@gw.dec.state.ny.us](mailto:amomorog@gw.dec.state.ny.us)

#### Site-Related Health Questions

Steven Karpinski  
NYSDOH, BEEI  
Flanigan Square  
547 River St., Room 300  
Troy, NY 12180-2216  
(800) 458-1158 Ext. 27880  
[sxk23@health.state.ny.us](mailto:sxk23@health.state.ny.us)

#### National Grid Community Representative:

James Christman  
(516)545-5035  
Hotline (516) 545-3839

**If you know someone who would like to be added to the site mailing list, have them contact the NYSDEC project manager 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.**



New York State Department of Environmental Conservation

# FACT SHEET

Bay Shore/Brightwaters former Manufactured Gas Plant  
Site 1-52-172  
Bay Shore, NY

July 2009

## Progress Continues in Remediation of All Operable Units of Bay Shore former MGP Site

### Summary:

National Grid continued to make progress under the oversight of the New York State Department of Environmental Conservation (NYSDEC) during the second quarter of 2009 in the remediation of the former Bay Shore/Brightwaters Manufactured Gas Plant Site. Major developments were: further construction of the groundwater treatment facility in Operable Unit 1; start of construction on a 4<sup>th</sup> oxygen injection line in Operable Unit 2; completion of a design plan for the relocation of the railroad tracks to facilitate remediation in Operable Unit 3; and beginning the chemical treatment program in an area of Operable Unit 4.

As a reminder, this complex site has been broken into four separate areas called Operable Units (OU-1 through OU-4), each of which deals with a specific area of contamination (see the attached figure). This Operable Unit approach has permitted remediation of OUs 2, 3, and 4 to proceed independently while the complexities of the main site area (OU-1) are being addressed. OU-1 constitutes the main site area, where gas manufacturing operations once took place, and where contamination is most severe. OU-2 consists of the contaminated groundwater plume which originates in OU-1 and has moved southward. OU-3 includes the Brightwaters Yard, where fuel for the gas making process was stored, and its associated groundwater plume. OU-4 is an area east of OU-1 where MGP waste water was discharged. In February 2009, NYSDEC approved the reconfiguration of the boundaries of OU-1 to include the portions of National Grid-owned properties north of Union Boulevard once designated as part of OU-2. This change was designed to refine the areas where OU-1 and OU-2 overlapped.

### Site-Wide Activities

National Grid upgraded the web site for the Bay Shore former MGP site. Updates prepared by the NYSDEC, as well as an expanded document file, are included on this site. Weekly reports prepared during the active excavation phase on OU-1 are maintained in the Key Documents archive section. The web site remains at the address ([www.bayshoreworksmgp.com](http://www.bayshoreworksmgp.com)).

A Public Meeting to brief the community on remedial progress and an Availability Session for direct interaction between residents and representatives of the NYSDEC, NYSDOH and National Grid were held on April 29<sup>th</sup> and 30<sup>th</sup>, respectively.

**National Grid**  
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175 East Old Country Road  
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## Operable Unit Activities:

### OU-1 Remedial Actions

- Construction of the groundwater treatment building continued, with completion scheduled for later this year. The groundwater treatment system in OU-1 has been very effective at treating contaminants leaving the site and will continue to operate as the ozone building construction continues and beyond.
- Implementation of a NYSDEC approved Investigation Work Plan to expand the Oxygen Injection System was completed in early June. Preparation is underway for installation of an oxygen injection system to treat the western boundary of the plume outside of the barrier wall.
- Remedial Design continues for the in-situ chemical oxidation program.

### OU-2 Remedial Plan and Interim Remedial Measure (IRM)

- National Grid continued to operate and maintain oxygen injection systems with treatment lines located at the head of the plume along Union Boulevard, in the middle of the plume along Montauk Highway, and at the end of the plume, near Lawrence Creek.
- A fourth oxygen injection system at the tail end of OU-2 is expected to be completed in July. The three oxygen injection systems installed in the area of North Clinton Avenue, between Cooper Lane and Montauk Highway, are operating very effectively.

### OU-3 Operations & Maintenance/Interim Remedial Measure

- National Grid continued to operate the off-site oxygen injection systems along Union Blvd. The on-site oxygen injection system has been taken offline to support the planned excavation beneath the LIRR tracks.
- National Grid has completed and provided the Long Island Railroad (LIRR) with the complete design document for the work to temporarily relocate the tracks to allow removal of contaminated soil beneath the tracks. The LIRR has indicated it will begin the necessary preparatory work in the third quarter. Construction of the bypass is anticipated by the end of this year.

### OU-4 Interim Remedial Measures

- In-situ chemical injection at the cesspool portion of the unit began on April 30<sup>th</sup>. Injection is proceeding as designed and is being monitored in accordance to the NYSDEC approved work plan.

