

New York State
Department of



Environmental
Conservation

Dear Interested Citizen:

This Fact Sheet provides a summary of remedial and related activities undertaken during the First Quarter (January-March) of 2009 at the Bay Shore/ Brightwaters former Manufactured Gas Plant site and to announce a Public Meeting and an Availability Session related to progress at the site. 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.

Project Related Issues:

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

Health-Related Concerns:

Steven Karpinski
NYSDOH, BEEI
Flanigan Square
547 River St., Room 300
Troy, NY 12180-2216
(800) 458-1158 Ext. 27880
sxk25@health.state.ny.us

National Grid

Representative:

National Grid's Community
Representative is Michael
Toohey. (516)545-2552. The
company's Telephone Hotline
for the site is (516) 545-3839.

**Former Bay Shore/Brightwaters MGP Site
Bay Shore/Brightwaters NY
Suffolk County, NY
Site No. 1-52-172**

QUARTERLY UPDATE

April 2009

**Progress Continues in Remediation of All Operable
Units of Bay Shore former MGP Site;
Public Meeting April 29, Availability Session April 30**

Summary:

National Grid (which is the company that acquired KeySpan), continued to make progress under the oversight of the New York State Department of Environmental Conservation (NYSDEC) during the first quarter of 2009 in the remediation of the former Bay Shore/Brightwaters Manufactured Gas Plant Site. The major developments were completion of three of the four additional oxygen injection systems in Operable Unit 2; and the start of construction of the groundwater treatment facility in Operable Unit 1.

The New York State Department of Environmental Conservation (NYSDEC) will hold two public events in Bay Shore during late April. A Public Meeting will be held from 7:00 p.m. to 9:00 p.m. on Wednesday, April 29 at the main auditorium of the Bay Shore High School. At this event, NYSDEC will present a comprehensive review of site remediation progress to date, the schedule for upcoming work, and the results of an intensive study of soil vapor issues in the surrounding community. A less formal Availability Session will be held at the High School cafeteria the following night, from 7:00 p.m. to 9:00 p.m. The availability session is intended for residents who would like to discuss more specific issues related to their individual properties in a less formal setting. This session will also provide an opportunity to discuss issues addressed at the Public Meeting in greater depth with representatives of the NYSDEC, NYSDOH, Suffolk County and National Grid.

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 originated 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.

Document Repositories:

The Remedial Action Plan and other documents associated with the Bay Shore/Brightwaters site are available for review at the document repositories identified below:

Bay Shore/Brightwaters Public Library

1 South Country Road
Brightwaters, New York
11718

Repository is open during normal library hours.

NYSDEC Region 1 Office

50 Circle Road
Stony Brook, NY 11790

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

Vapor Intrusion Concerns

If you have questions regarding possible vapor intrusion exposure as a result of the operation of the former MGP site, please contact the NYSDOH representative, Mr. Steven Karpinski using the contact information listed on the side bar of page 1.

Site Wide Activities

National Grid has developed and launched a new community website for the Bay Shore former MGP site. Updates and news associated with the progress in remediating each OU, as well as an expanded document file, are included on this site. Weekly reports will be maintained in a Key Documents archive section. The website remains at its address (www.bayshoreworksmgp.com).

Activities in each Operable Unit for the first quarter of 2009 are presented below:

OU-1 Remedial Actions

- Construction of the groundwater treatment building began, with completion scheduled for later this year.
- 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.
- Three additional oxygen injection systems were installed in the area of North Clinton Avenue, between Cooper Lane and Montauk Highway covering an area approximately 1600 feet long. The lines have been tested and normal operations have begun. A fourth line is being planned for installation later this year.

OU-3 Operations & Maintenance/Interim Remedial Measure

- National Grid continued to operate and maintain two oxygen injection systems: one with treatment lines located in the mid-plume area along Union Blvd.
- The Long Island Railroad (LIRR) authorities have reviewed a proposal to temporarily relocate the tracks to allow removal of contaminated soil beneath the tracks. LIRR has approved the concept of the project and requested a complete design document from National Grid. National Grid is developing that multi-stage design. Construction is anticipated by the end of this year.

OU-4 Interim Remedial Measures

- Preparatory work continued for the implementation of the Chemical Oxidation phase of the OU-4 Cesspool IRM.

