

New York State
Department of



Environmental
Conservation

Dear Interested Citizen:

This Fact Sheet provides a summary of remedial and related activities undertaken during the Fourth Quarter (October-December) of 2008 at the Bay Shore/ Brightwaters former Manufactured Gas Plant 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:

Susan B. Shearer, M.P.H., P.E.
NYSDOH, BEEI

Flanigan Square
547 River St., Room 300
Troy, NY 12180-2216
(800) 458-1158 Ext. 27880
sxw12@health.state.ny.us

National Grid

Representative:

National Grid's Community Representative is Michael Toohey. (516)545-2552. The company's Telephone Hotline for Bay Shore and Brightwaters residents in the

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

QUARTERLY UPDATE

January 2009

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

Summary:

National Grid (formerly KeySpan), under the supervision of the New York State Departments of Environmental Conservation and Health (NYSDEC, NYSDOH) continued to make progress during the fourth quarter of 2008 in the remediation of the former Bay Shore/Brightwaters Manufactured Gas Plant Site. The major developments were beginning the installation of the four additional oxygen lines to complete the Remedial Plan for the Bay Shore plume path (Operable Unit 2) and awarding the contract to build the groundwater treatment facility in Operable Unit 1, which is scheduled to begin the first quarter of 2009.

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). OU-1 constitutes the main site area. OU-2 is the contaminated groundwater plume which has moved away from OU-1. OU-3 includes the Brightwaters Yard and its associated groundwater plume. OU-4 includes an area east of OU-1 where former process waters were discharged. This Operable Unit approach has permitted the remedial program for OUs 2, 3, and 4 to proceed independently while the complexities of the main site area (OU-1) are being addressed.

Site Wide Activities

National Grid is developing a new community website for the Bay Shore former MGP site. Updates and news associated with the progress while implementing the remedial plans on each OU, as well as an expanded document file, will be included on this site. All prior weekly reports will be maintained in a Key Documents archive section. We expect the new site to launch at the current web address (www.bayshoreworksmgp.com) in February 2009.

During the fourth quarter, National Grid completed the required groundwater monitoring and soil vapor intrusion (SVI) investigations and provided the data to the responsible agencies for review.

Details of the major activities in each of the Operable Units are presented on the following page.

vicinity of the site is: (516)
545-3839

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, Ms. Susan Shearer using the contact information listed on the side bar of page 1

OU-1 Remedial Actions

- Site demobilization activities were completed, including removal of sediment and soil erosion control measures no longer needed because cap installation, removal of temporary fencing and its replacement with permanent fencing and removal of temporary facilities used by the crews during the construction activities.
- The contract for the construction of the groundwater treatment building was awarded and planning for beginning construction in the first quarter of 2009 was initiated.
- Planning continued for the Phase III 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. Work began on the installation of three additional oxygen injection lines in the area of Clinton Avenue, between Cooper Lane and Montauk Highway. The lines are tested as they were installed and we anticipate operation of all three systems in the first quarter of 2009.

OU-3 Operations & Maintenance/Interim Remedial Measure

The storm drain rehabilitation project on Lanier and Cooper Lanes was completed during the fourth quarter. National Grid continued to operate, maintain and evaluate the performance of two oxygen injection systems with treatment lines located in the upper-plume on the Brightwaters Gas Construction Yard property and mid-plume area along Union Blvd. National Grid and the Long Island Rail Road continue to coordinate planning for the proposed temporary relocation of the LIRR tracks in order to implement an IRM consisting of a soil removal beneath the LIRR tracks.

OU-4 Interim Remedial Measures

During the fourth quarter National Grid continued to evaluate remedial alternatives to address impacts upgradient of OU-4. Preparatory work continued for the implementation of the Chemical Oxidation phase of the OU-4 Cesspool IRM.

