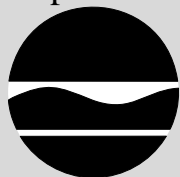


New York State  
Department of



Environmental  
Conservation

**Dear Interested Citizen:**

This Fact Sheet provides a summary of remedial and related activities undertaken during the Second Quarter (April-June) 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](http://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](mailto:amomorog@gw.dec.state.ny.us)

**Health-Related Concerns:**

Ms. Jacquelyn Nealon  
NYSDOH, BEEI  
Flanigan Square  
547 River St., Room 300  
Troy, NY 12180-2216  
(800) 458-1158 Ext. 27880  
[Jen02@health.state.ny.us](mailto:Jen02@health.state.ny.us)

**National Grid**

**Representative:**

National Grid's Community Representative for the site is Aaron Biller. The company's Telephone Hotline for Bay Shore and Brightwaters residents in the vicinity of 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  
July 2008

## Remedial Progress Continues at the Former Bay Shore/Brightwaters MGP Site

**Summary:**

National Grid (formerly KeySpan), under the supervision of the New York State Department of Environmental Conservation (NYSDEC), continued to make progress during the second quarter of 2008 in the remediation of the former Bay Shore/Brightwaters Manufactured Gas Plant Site.

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**

An Availability Session was held on June 5th to brief the community on and receive community input about the Remediation Plan for OU-2, discussed below. The Session also included discussion of the remediation status of the overall site. A Fact Sheet on the OU-2 Plan and overall site status was distributed to the community prior to the meeting. National Grid continues to update its community website on a weekly basis with project news, and the NYSDEC continues to distribute a bi-weekly report on progress to its e-mail list. The NYSDEC bi-weekly updates are also available on the community website at [www.bayshoreworksmgp.com](http://www.bayshoreworksmgp.com).

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

Details of the major activities in each of the Operable Units follow.

### OU-1 Remedial Action

Progress continued on Phase I remedial construction, including completion of the subsurface barrier wall, completion of major elements of the excavation program and continued preparations for the construction of the groundwater treatment system.

### **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. Jacquelyn Nealon using the contact information listed on page 1.

- Installation of the containment barrier along the south, east and west borders of OU-1 on the south side of the Long Island Rail Road tracks from the former main site was completed, a major element of the Remedial Action Plan for OU-1. In total, over 620 feet of barrier were installed to depths as great as 80 feet.
- National Grid completed shallow excavations throughout the site, and has significantly completed the deep excavations as well. Since beginning excavation activities, by the end of the second quarter over 78,000 tons of contaminated soils in 2670 truckloads will have been removed and transported from the site. The excavations will be completed during the third quarter of 2008.
- The supplemental oxygen system injection wells installed along the southern boundary of OU-1 demonstrated effectiveness in addressing contaminant levels in groundwater leaving the site. Preparations for the construction of the groundwater treatment building and the equipment for the more aggressive ozone treatment system that will be installed in 2008/2009 are continuing.

### **OU-2 Remedial Plan and Interim Remedial Measure**

National Grid continued to operate and maintain an oxygen injection system, with treatment lines located in the middle of the plume along Montauk Highway and at the end of the plume, near Lawrence Creek. The NYSDEC is finishing its review of a Remedial Plan for OU-2 that includes the installation of three additional oxygen injection lines, which will be placed at the head of the plume, in the area immediately south of OU-1. This work is expected to begin in the third quarter of this year and will be completed by year-end. National Grid has begun the process of obtaining access to private properties for the installation of the lines.

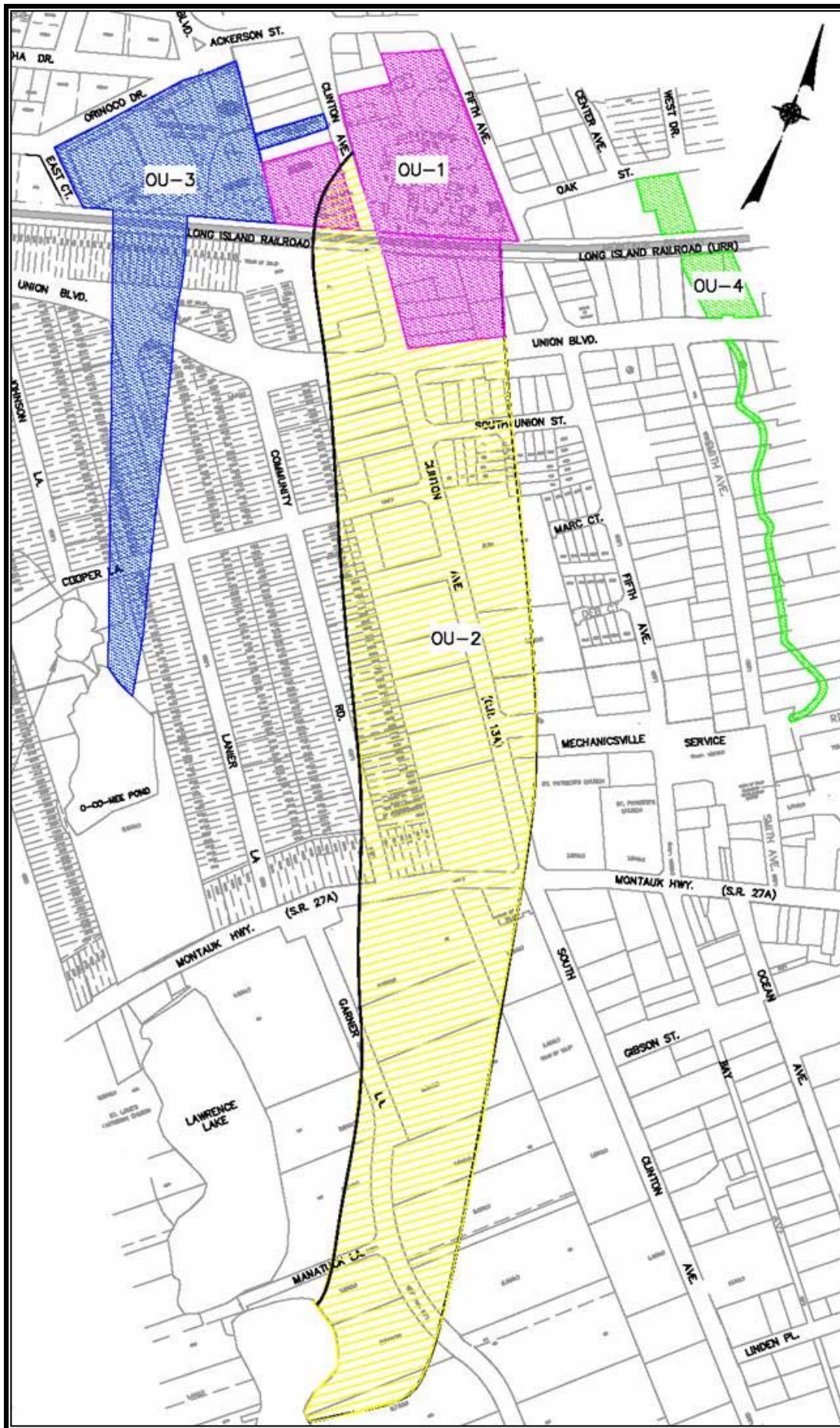
### **OU-3 Operations & Maintenance/Interim Remedial Measure**

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 evaluate potential remedial options to mitigate contaminant source material trapped under the LIRR tracks and right-of-way. In the interim, soil borings were installed under the LIRR tracks in June to gather additional design information to aid with the final remedy selection.

National Grid has completed replacement of three catch basins and continues upgrading associated storm water piping in the plume path area to ensure that they cannot be infiltrated by contaminants in the groundwater plume.

### **OU-4 Interim Remedial Measures**

National Grid installed additional monitoring wells adjacent to Oak Street. National Grid has obtained access and completed the delineation of the upgradient impacts associated with the cesspool operations in the Oak Street area.



# National Grid

Public Affairs

175 East Old Country Road

Hicksville, NY 11801