

New York State
Department of



Environmental
Conservation

Dear Interested Citizen:

This Fact Sheet provides a summary of remedial and related activities undertaken during the Third Quarter (July-September) 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:

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

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
October 2008

**Phase II of Main Site Remediation Completed at
Bay Shore/Brightwaters MGP Site; Progress to Date in
Remediation of Other Operable Units**

Summary:

National Grid (formerly KeySpan), under the supervision of the New York State Departments of Environmental Conservation and Health (NYSDEC, NYSDOH) and the Suffolk County Department of Health Services, continued to make progress during the third quarter of 2008 in the remediation of the former Bay Shore/Brightwaters Manufactured Gas Plant Site. The major developments were the completion of Phase II (excavation of contaminated soils and installation of the site-wide cap) (excavation of contaminated soils and installation of the site-wide cap) of the Remedial Action Plan for the Main Site and completion of plans for the installation of the additional oxygen lines to complete the Remedial Plan for the Bay Shore plume path.

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 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.

During the third 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 are presented on the following page.

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.

OU-1 Remedial Actions

- National Grid completed excavations throughout the site, including in the deep, as well as shallow zones. Since the beginning of excavation activities, in total over 101,000 tons of contaminated soils in 3,510 truckloads have been removed and transported from the site.
- Excavation activities also included the removal of surface and sub-surface concrete structures associated with former MGP operations.
- All excavated areas were backfilled with clean soil from approved sources and returned to grade level.
- As the backfill was being completed, the Site-Wide cap was installed. This includes a demarcation fabric topped with 18 inches of sandy soil covered with six inches of crushed stone.
- Underground structures were installed to be utilized to address post-remedial drainage conditions at the site.
- Site demobilization activities began, including the removal of sediment control and soil erosion measures no longer needed because of the completion of the cap, the removal of temporary fencing and its replacement with permanent fencing and the removal of temporary facilities used by crews during construction activities.
- Preparations for the construction of the groundwater treatment building are continuing.

OU-2 Remedial Plan and Interim Remedial Measure

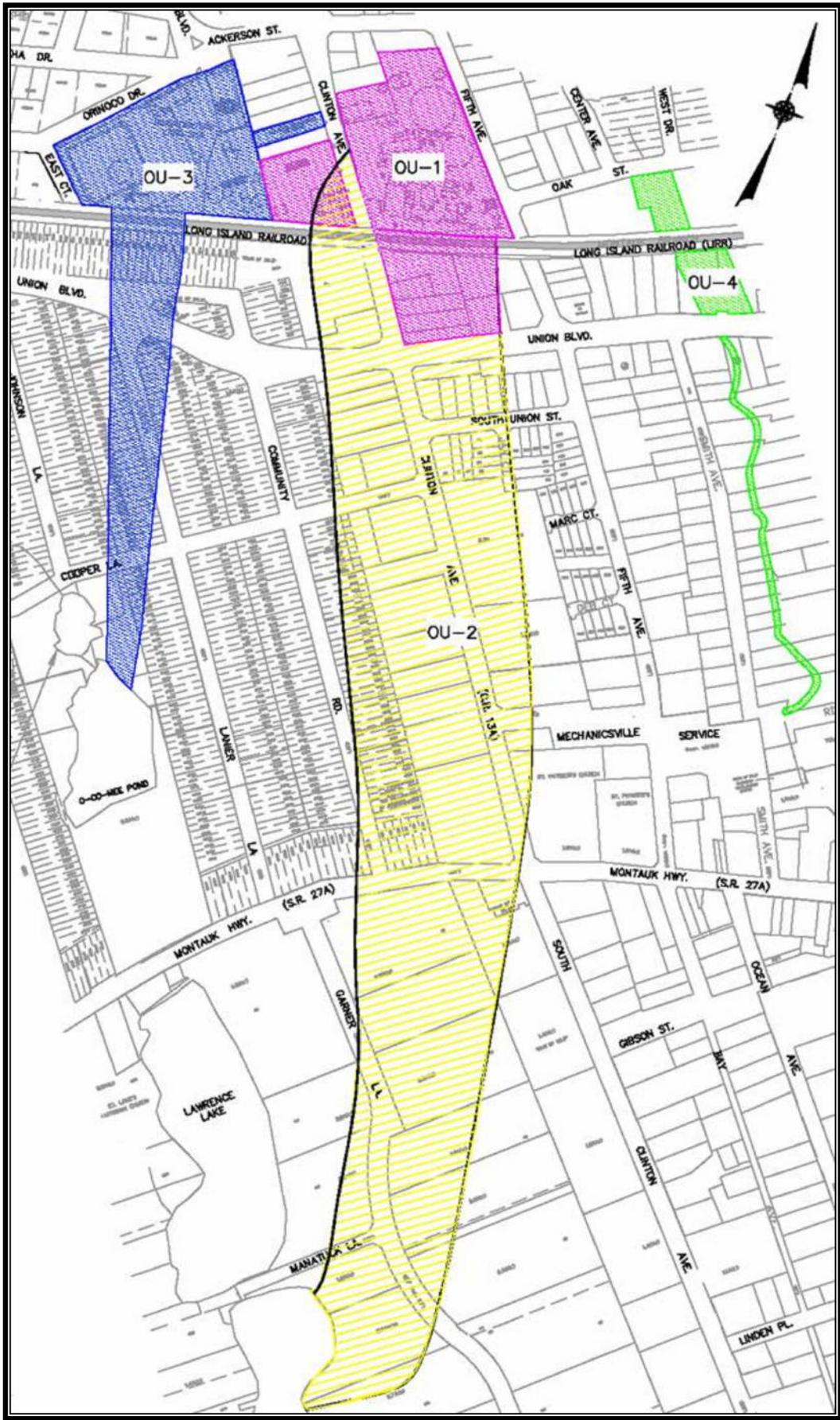
National Grid continued to operate and maintain oxygen injection systems, with treatment lines located in the middle of the plume along Montauk Highway and at the end of the plume near Lawrence Creek. Work continued on the development of a comprehensive plan for OU-2 known as the OU-2 Remedial Design Document, while the field work for installation of three additional oxygen injection lines proceeded. These oxygen injection lines will be placed at the head of the plume, in the area immediate south of OU-1, and at two mid-plume locations. National Grid has obtained access to private properties for installation of the lines, which should be completed this year.

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. The storm drain rehabilitation project on Lanier Lane should be completed by mid-November.

OU-4 Interim Remedial Measures

During the third quarter, National Grid continued to evaluate remedial alternatives to address impacts upgradient of OU-4 and to complete the installation of in-situ chemical oxidation system monitoring wells. Preparatory work continued for the implementation of a Chemical Oxidation IRM.



National Grid

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