



FACT SHEET

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

February 2010

Important Remedial Activities and Progress in All Operable Units of Bay Shore former MGP Site; Public Progress Meeting to be held on February 25, 2010

Summary:

National Grid continued to make progress under the oversight of the New York State Department of Environmental Conservation (NYSDEC) during the fourth quarter of 2009 in the remediation of the Bay Shore/Brightwaters former Manufactured Gas Plant (MGP) Site. Major developments include: 1.) the completion of installation and start-up monitoring of the groundwater treatment system in Operable Unit 1; 2.) completion and beginning of operation of an additional oxygen injection line along Cooper Lane in Operable Unit 2; 3.) beginning the excavation work in Operable Unit 3 in the area under the Long Island Rail Road (LIRR) tracks; and 4.) completion of the injection phase of the chemical treatment program in the cesspool area of Operable Unit 4. A Public Progress Meeting will be held on Thursday, February 25th from 7:00 PM – 9:00 PM at the National Grid office on the site at 1 Orinoco Drive, Brightwaters, to update the public on site remedial activities and progress made thus far.

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 portion of the project area (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 was the 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 continues to maintain and update the website for the Bay Shore former MGP site. Updates prepared by the NYSDEC are posted on a bi-weekly basis. National Grid provides a weekly update on the construction progress in OU-3, including a look forward at the work planned for the next two weeks. News announcements about developments on the site, as well as a file of documents related to the investigation and remediation of the site, are also available on this website. Weekly reports prepared during the active excavation phase on OU-1 are maintained in the Key Documents archive section. The website remains at its address (www.bayshoreworksmgp.com).

Operable Unit Activities:

OU-1 Remedial Actions

- Construction of the groundwater treatment building and installation of the groundwater treatment system was completed and is being brought to full-scale operation. The supplemental oxygen injection system in OU-1, that has been very effective at treating contaminants leaving the site, continues to operate.
- Installation of an oxygen injection system to treat the western boundary of the plume outside of the barrier wall is ongoing.
- Investigation of the area immediately west of the OU-1 barrier wall, including the former King Bear and Summers Lumber properties, has been completed. Two additional monitoring wells were installed, beyond those specified in the work plan. Clean-up options to address the limited soil and groundwater impacts are being evaluated.
- An Interim Remedial Measure Workplan was submitted to and approved by the NYSDEC and the New York State Department of Health (NYSDOH). The Work Plan calls for soil excavation and the installation of an oxygenation injection system on the west side of the barrier wall.
- Installation of three in-situ chemical oxidation (ISCO) injection wells on the former Summers Lumber property was completed.
- Remedial Design continues for the ISCO program.

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

- National Grid continued to operate and maintain the six oxygen injection systems, with treatment lines located at the head of the plume (along Union Boulevard, between Cooper Lane and Montauk Highway), in the middle of the plume, and at the tail end of the plume (near Lawrence Creek). These oxygen injection systems are operating effectively.
- The Cooper Lane line extension of the existing oxygen injection system was completed in November and is fully operational.

OU-3 Operations & Maintenance/Interim Remedial Measure

- National Grid continued to operate the off-site oxygen injection system along Union Boulevard. Design work was completed for the oxygen injection system that will be placed on the north side of Union Boulevard and Community Road beginning in January 2010.
- The installation of nine additional monitoring wells to verify the effectiveness of the OU-3 oxygen injection system is now complete. Sampling results will be included in the quarterly monitoring reports.
- The temporary relocation of the LIRR tracks to allow removal of contaminated soil beneath the tracks was completed.
- Excavation of contaminated soils began in October and is continuing.

OU-4 Interim Remedial Measures

- The ISCO injection phase at the cesspool area, which began on April 30, 2009, has been completed. The contractor is continuing to monitor the surrounding area to determine when the injected chemicals are exhausted. Once the injected chemicals have been used up, additional monitoring will be undertaken to determine the effectiveness of the injections.
- Planning and preparations for excavation of the upgradient areas are in progress.

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, New York 11718
(631) 665-4350

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: 8:30 AM – 4:45 PM - (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

Who to Contact:

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

Project Related Questions

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Site-Related Health Questions

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Flanigan Square
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National Grid Community Representative

James Christman
(516) 545-5035

Bay Shore MGP Site Hotline

(516) 545-3839

If you know someone who would like to be added to the site contact 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.

PUBLIC PROGRESS MEETING

A Public Progress Meeting will be held Thursday, February 25, 2010 from 7:00 PM – 9:00 PM at the National Grid office located on the site at 1 Orinoco Drive, Brightwaters. Representatives from National Grid will be present to describe activities and respond to questions from the community. Please arrive at any time during the scheduled hours.

