

**Bi-weekly update #45 for the Bay Shore/National Grid MGP Remediation covering the period from 5/05/09 to 5/18/09.**

### **Operable Unit 1 (OU-1):**

#### **Ozone System Building Installation:**

The ozone building construction work is ongoing and is expected to be complete and operational by end of the year. The oxygen injection system that was installed down gradient of the wall has been very effective at treating contaminants leaving the site and will continue to operate as the ozone building construction continues. The supplemental oxygen injection system will continue to operate upon completion of ozone building.

#### **Site Restoration and Grading Work:**

Excavation work at OU-1 was completed in August 2008. Grading work has been completed.

#### **In-situ Treatment:**

Planning and preliminary engineering work details are underway for in-situ treatment of residual contamination using chemical oxidation technology. Additionally, implementation of a NYSDEC approved Investigation Work Plan in continuation of the Oxygen Injection System began on April 27 and is anticipated to be completed in early June. Upon completion of the investigation an oxygen injection system will be installed to treat the western boundary of the plume outside of the barrier wall. This is a comprehensive investigation that was designed to incorporate the necessary design details for the new oxygen injection line and the planned in-situ chemical oxidation.

#### **Air Monitoring Status:**

Air monitoring during intrusive activities associated with the groundwater treatment building foundation is being implemented. No air quality exceedances were recorded during these activities. All monitors were within required parameters.

### **Operable Unit 2 (OU-2):**

The three oxygen injection systems recently installed along the mid-plume are operating efficiently as designed. Installation of a fourth system at the tail end of the plume is currently under construction and expected to be operational in July 2009.

### **Operable Unit 3 (OU-3):**

A 100% design document is being prepared by National Grid for submission to the Rail Road authorities. Utility pole relocation has been completed to allow for temporary track relocation. The actual track relocation schedule will be dictated by the Long Island Railroad's authorities, but work is expected to begin by the fourth quarter of this year.

**Operable Unit 4 (OU-4):**

In-situ chemical injection at the cesspool portion of the unit began on April 30. Injection is proceeding as designed and is being monitored in accordance to the Department approved work plan. No incidences have been reported since the start of the injection.

Information on remediation efforts are also periodically updated on National Grid's former Bay Shore Manufactured Gas Plant website: <http://www.bayshoreworksmgp.com> General information on NYSDEC's Manufactured Gas Plant remediation program is available at: <http://www.dec.ny.gov/chemical/8430.html>.

If you have any questions, please contact Mr. Gardiner Cross or Mr. Amen Omorogbe at (518) 402-9662.

**The next bi-weekly update will be scheduled for Friday, June 5, 2009.**