

# New York State Department of Environmental Conservation

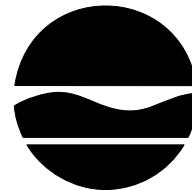
## Division of Environmental Remediation

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Alexander B. Grannis  
Commissioner

**Bi-weekly update #29 for the Bay Shore/National Grid MGP Remediation covering the period from 9/04/08 to 9/18/08.**

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

#### **Phase I**

#### **Barrier Wall Closure Status:**

Construction of the barrier wall is complete.

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

Building construction has been put out to bid. Proposals are expected back from the contractors within the next two weeks

#### **Supplemental Oxygen Injection System:**

Oxygen injection system is operating efficiently. Recent data shows significant reduction of contaminants in groundwater.

#### **Site Restoration:**

The Phase I site area restoration is complete. Completed during the summer of 2008.

#### **Phase II**

#### **Temporary Enclosure and Excavation:**

Excavation work at OU-1 is complete and the temporary enclosure has been dismantled. Portion of the excavation area are being backfilled to grade. All restoration work is expected to be completed within the next three weeks.

#### **Soil Removal Status:**

Excavation is complete. Over 100,000 tons ( 3,500 truckloads) of contaminated soil and concrete were removed and sent off-site to permitted thermal treatment facilities for treatment and disposal.

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

Air monitoring stations (AMS) are setup at the perimeter of the work area. There were no exceedances noted on the AMS's during this reporting period. All station readings were within required parameters.

#### **Noise and Vibration Monitoring Status:**

There was one incident of noise compliant from an adjacent neighbor. The increase in noise was a result of site activities to remove concrete slabs and the sheet piles which had been used to shore the excavations. A review of the monitoring data indicate no exceedances of the established noise and vibration limits occurred. Noise monitoring ceased on September 8, 2008. No further noise and vibration monitoring will be conducted at the site. All activities relative to noise and vibration are complete.

**Security:**

There were no on-site security issues during this reporting period.

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

The installation of additional oxygen injection systems designed to remediate upper portion of OU-2 groundwater plume is continuing. These additional systems are being installed after several rounds of monitoring data from the two other systems installed at the lower portion of the plume show that the oxygen technology has been effective at treating the contaminants in the plume. One system installation is now complete, and construction work on the second (oxygen injection wells and connection lines) is under way.

The work plan for monitoring the startup of each of the systems is expected shortly. DEC has had discussions with National Grid and its consultants on what is expected in the work plan. The work plan will include detailed information regarding the locations, monitoring parameters and the frequency of monitoring for soil vapor and groundwater. The MGP Task Force will be given the opportunity to review the monitoring components of the work plan. Baseline groundwater and soil vapor samples will be collected prior to startup, and additional sampling will be conducted as the systems begin to operate. The systems will not begin operations until the monitoring plan is approved and all testing arrangements are in place.

Quarterly groundwater monitoring is ongoing.

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

National Grid has completed a soil boring investigation under the Long Island Railroad (LIRR) tracks. The Long Island Rail Road authority has notified National Grid that the proposal to temporarily relocate LIRR tracks to allow for excavation of impacted soil trapped under the rail road is viable. Additional, more detailed information was requested and is being prepared by National Grid for submission to the LIRR by the end of the month.

**Storm Drain Work:**

Catch basin installation to upgrade the storm sewer in the OU-3 plume is near completion.

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

Chemical injection wells for the Interim Remedial Measure (IRM) of are being installed . These wells will allow for in-situ chemical treatment at the cesspool portion of OU-4.

Information on remediation efforts is also periodically updated on National Grid's former Bay Shore Manufactured Gas Plant site: <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 is scheduled for Friday, October 3, 2008.