



**Update #70 for the Bay Shore former Manufactured Gas Plant site – October 27 -  
December 7, 2010.**

**DEC is planning a Public Meeting/Availability Session in the coming months to update the public on the ongoing activities at the Bay Shore former MGP. Details will be forthcoming as they become available.**

**Air Monitoring Status:**

No exceedances of monitoring parameters were reported during this operating period.

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

Oxygen Injection Systems: The oxygen injection systems are operating efficiently. Contaminant levels in groundwater leaving the site have reduced significantly since the system was installed.

Ozone Treatment System: The Ozone treatment unit is operating as designed and appears to be effective.

Former Expo Tire Property: Initial work to characterize the extent of impacted materials at the property is complete. Additional site characterization is recommended based on initial results. National Grid will prepare and submit report to DEC after field work is complete. The existing oxygen injection system along Union Boulevard will be expanded to the east to address any impacted groundwater detected in the site characterization.

OU-1 Remedial Action Plan (RAP)-Phase IV: Soil removal and oxygen injection system installation have been completed. The need to treat remaining contamination present at depth is currently being assessed.

In-situ Treatment System: The need for additional treatment of remaining materials using in-situ chemical oxidation technology is being evaluated given the results from the recent application of in-situ technology in OU-4.

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

All OU-2 oxygen injection systems continue to operate as designed. Monitoring results shows significant reduction of contaminant concentrations in the impacted groundwater.

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

Oxygen Injection Systems: Installation of a new oxygen injection line along the north side of Union Boulevard/Community Road was completed in early April and is operating as designed. The system replaced the oxygen generating system located south of the Union Blvd. which was dismantled in July 2010.

LIRR Relocation and Excavation: Excavation work under the LIRR, including excavation of impacted soil located in a portion of the Brightwaters Yard, is complete and the site has been restored. Monitoring wells are currently being installed to monitor the effectiveness of the excavation.

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

The Department has directed National Grid to provide work plan detailing excavation plans to address shallow impacted materials still present after unsuccessful implementation of in-situ chemical oxidation injection at the Cesspool portion of OU-4.

The structure located at 3 Center Avenue has been demolished. An Interim Remedial Measure work plan submitted to DEC has been reviewed and approved. Remedial activities are being scheduled along with the Cesspool area work.

Discussions are ongoing on access to adjacent property to allow remedial work at the pond area portion of OU-4.

Further information on remediation efforts at Bay Shore is available on National Grid's project web site <http://www.bayshoreworksmgp.com>.

DEC also maintains a web site with background information on the statewide Manufactured Gas Plant remedial program at: <http://www.dec.ny.gov/chemical/8430.html>.

If you have further questions, please contact Gardiner Cross or Amen Omorogbe at DEC's central office in Albany. The phone number is (518) 402-9662.

**The next update will be scheduled for Friday, January 21, 2010.**