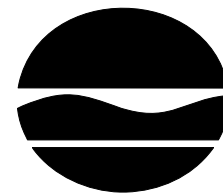


**New York State Department of Environmental Conservation**  
**Division of Environmental Remediation**  
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Joe Martens  
Acting Commissioner

**Update #71 for the Bay Shore former Manufactured Gas Plant site –December 8, 2010 to February 10, 2011.**

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

### **Project Manager**

The Department has assigned a new project manager to the Bay Shore site. Richard Dana, an engineering geologist, has been investigating hazardous waste sites with the Department since 1980. He can be reached at 518-402-9662.

### **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 systems were installed.

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

Former Expo Tire Property: The Expo Tire building was demolished in January 2011. National Grid has prepared and submitted a “Work Plan for Additional Delineation” to fill in the data gaps regarding the extent of soil and groundwater contamination that was first discovered during the pre-design investigation conducted between August and September 2010. National Grid will prepare and submit a 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 2010 and is operating as designed. The system replaced the oxygen generating system located south of 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 were installed in December 2010 to monitor the effectiveness of the excavation.

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

The Department has approved National Grid's 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. Bids are currently being accepted. A contract is expected to be awarded before the end of March.

A geotechnical study to assure that none of the OU-4 excavation work will affect the integrity of nearby buildings was approved by the Department and has begun as of January 31.

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.

The DEC issued a 10-day access agreement to the adjacent property owner for National Grid to proceed with remedial planning and associated activities at the pond area portion of OU-4. Subsequent to the issuance of the access letter, National Grid has purchased the adjacent property to facilitate the remedial work planned for spring/summer 2011.

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 Richard Dana at DEC's central office in Albany. The phone number is (518) 402-9662.

**The next update will be scheduled for Friday, March 25, 2011.**