



**Update #65 for the Bay Shore former Manufactured Gas Plant site – April 22 - June 11, 2010.**

**Air Monitoring Status:**

No exceedances have been noted. Air monitoring continues during intrusive activities in OU-3. Monitoring results have been within the acceptable limits set in the Work Plan.

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

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

The oxygen injection system, installed along the north side of the former King Bear building and west side of the western section of the barrier wall is operating as designed.

Ozone Treatment System: The Ozone treatment unit is operating as designed. Monitoring data is being compiled.

OU-1 Remedial Action Plan (RAP)-Phase IV: Contaminated soil excavation at the former King Bear and Summer's Lumber properties is complete. Approximately 2790 tons of contaminated materials was excavated and removed for off-site treatment/disposal.

In-situ Treatment System: Pre-design work is continuing to allow the evaluation of the most appropriate technologies including proper mix of oxidation agents and injection depths and concentrations. A final determination will be made once the monitoring results from the In-situ treatment at OU-4 is available and evaluated.

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

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

Wells are being installed between Cooper lane and Montauk Highway to support additional mid-plume treatment. The wells, once completed, will be used for an oxygen injection system to be installed later this summer.

### **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.

**LIRR Relocation and Excavation:** All seven cells in the area where the LIRR tracks were relocated have been excavated and backfilled. Approximately 5968 tons of contaminated soil and 165,000 gallons of impacted water were removed for off-site disposal at an approved disposal facility.

Four out of four cells have been excavated and backfilled, thus completing Phase II of the project. Approximately 3178 tons of soil and 126,664 gallons of impacted excavation water have been hauled off-site for treatment/disposal. Site restoration activities are anticipated to be completed by the end of June.

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

The injection phase of in-situ chemical oxidation injection at the cesspool portion of OU-4 was completed the week of Nov. 30, 2009. Field activities to evaluate the effectiveness of the injection in treating the contamination have been completed. A data report is expected by end of July.

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.

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, July 9, 2010.**