



Update #67 for the Bay Shore former Manufactured Gas Plant site – July 14 - August 16, 2010.

Air Monitoring Status:

No exceedances have been noted. Air monitoring continues during intrusive activities in OU-1. 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. Preliminary monitoring data has been reviewed and the system appears to be effective based on this data.

Former Expo Tire Property: Work to characterize the extent of impacted materials at the property has begun. Once the results of this work are received, the existing oxygen injection system along Union Boulevard will be expanded to address impacted groundwater in this area as required in the OU-2 Decision Document from the NYSDEC.

OU-1 Remedial Action Plan (RAP)-Phase IV: Soil removal and oxygen injection system installation have been completed. The need for residual treatment using in-situ chemical oxidation technology is being evaluated.

In-situ Treatment System: Monitoring data from the In-situ treatment at OU-4 has been submitted and is being evaluated. The Department is awaiting a detailed report from National Grid. The need to treat residual contamination present at depth will be assessed once the evaluation is complete.

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.

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 recently dismantled.

LIRR Relocation and Excavation: Excavation work under the LIRR is complete and site has been restored. Additional remedial action to include impacted soil removal in the Brightwaters Yard is scheduled to begin in the week of August 23, 2010.

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 was recently submitted and is being evaluated while the Department is awaiting a detailed report from National Grid

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, Sept. 10, 2010.