New York State Department of Environmental Conservation

Division of Environmental Remediation

Remedial Bureau C, 11th Floor

625 Broadway, Albany, New York 12233-7014 **Phone:** (518) 402-9662 • **FAX:** (518) 402-9679

Website: www.dec.ny.gov



Update #67 for the Bay Shore former Manufactured Gas Plant site – August 17 - September 24, 2010.

Project Update Meeting Announcement: National Grid held an informational poster session at 7 p.m. on Thursday, Sept. 16, 2010, at the National Grid office facility located at 1 Orinoco Drive, Bay Shore, to update the community about remediation progress at the Bay Shore/Brightwaters former Manufactured Gas Plant site.

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 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. Preliminary monitoring data has been reviewed and the system appears to be effective based on this data.

<u>Former Expo Tire Property:</u> 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 issued by the NYSDEC.

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

<u>In-situ Treatment System:</u> A Technical Memorandum evaluating the monitoring data from the in-situ treatment was submitted to the Department on September 23, 2010. The Document is being reviewed. The need to treat remaining 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.

<u>LIRR Relocation and Excavation</u>: Excavation work under the LIRR including impacted soil located in a portion of the Brightwaters Yard is complete and site has been restored.

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 submitted on June 30 and a Technical Memorandum regarding the evaluation of the monitoring data was submitted to the Department on September 23. The document is being reviewed.

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, Oct. 29, 2010.