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

Alexander B. Grannis
Commissioner

Bi-weekly update #60 for the Bay Shore former Manufactured Gas Plant site – Jan. 8, 2010 – Jan. 27, 2010.

Air Monitoring Status:
A false alarm on a VOC air monitoring unit led to a temporary cessation of work during backfilling activities in OU-3. The backfill was foamed as a precautionary measure and, after a quick site meeting among the project personnel, it was revealed the alarm was due to human error while reading the air monitoring instrument. Following the meeting, the operation resumed. Monitoring results have been within the acceptable limits set in the Work Plan for OU-1 and OU-4.

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.

Installation of a new oxygen injection system along the north side of the former King Bear building and west side of the western section of the barrier wall was initiated the week of Dec. 14. Installation has been completed and the system is operational as of Jan. 27, 2010.

Ozone Treatment System: Construction of the Ozone treatment building is complete and the system is operational. Operational data is being collected and evaluated.

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.

National Grid is developing a design document to affect the remedial plan approved to address contamination present at west of OU-1 barrier wall including the former King Bear property.

Operable Unit 2 (OU-2):

All OU-2 oxygen injection systems continue to operate as designed.

Operable Unit 3 (OU-3):

Oxygen Injection Systems: Installation of a new oxygen injection system along the north side of Union Boulevard/Community Road will be initiated within the next two weeks. That system will be connected to the system in OU-1, which was installed along the north side of the former King Bear building.

LIRR Relocation and Excavation: Construction of the temporary railroad track bypass is complete and the main line has been rerouted to the bypass. Sheet pile installation for the Phase 1 southern excavation of contaminated material under the rail road has been completed.

Full scale excavation of impacted soils began the week of Dec. 7 and is ongoing. Six out of seven cells have been excavated. Approximately 4286 tons of contaminated soil has been removed for off-site disposal at an approved disposal facility. All structural shoring systems are now in place.

Operable Unit 4 (OU-4):

In-situ chemical oxidation injection at the cesspool portion of OU-4 was completed the week of Nov. 30. Post-injection performance monitoring is ongoing. Current monitoring data has not shown adverse impacts to the environment or surrounding dwellings. Field activities that would include data collection and analysis to evaluate the effectiveness of the injection in treating the contamination will be scheduled in the near future.

Repair to the sanitary line associated with National Grid's property located at 3 Center Avenue was completed during the week of Nov. 30. National Grid has applied for a demolition permit from the Town of Islip to enable the demolition of the structure on 3 Center Avenue.

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.

The NYSDEC 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 NYSDEC's central office in Albany. The phone number is (518) 402-9662.

The next bi-weekly update will be scheduled for Friday, Feb. 19, 2010.