



Bi-weekly update #63 for the Bay Shore former Manufactured Gas Plant site – March 04, 2010 – March 25, 2010.

With the approach of construction season, the New York State Department of Environmental Conservation has directed National Grid to submit a comprehensive schedule detailing remedial activities to be performed at all operable units of the site.

Air Monitoring Status:

No exceedances have been noted. Air monitoring continues during intrusive activities in OU-1, OU-3, and OU-4. Monitoring results have been within the acceptable limits set in the Work Plans.

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.

Ozone Treatment System: The Ozone treatment unit was temporary offline due to power failure resulting from the March 13, 2010 storm. The system was back online on March 15, 2010. Preliminary monitoring data result is encouraging.

King Bear/Summer's Lumber Properties: Remediation work on this property, located across Clinton Avenue from OU-1, is now included in OU-1 for tracking purposes. Both MGP-related contamination and petroleum contamination unrelated to the MGP have been identified. National Grid now owns the property and has accepted responsibility for cleanup.

National Grid has begun contaminated soil excavation at the former King Bear and Summer's Lumber properties. Approximately 1200 tons of contaminated materials have been excavated and removed for off-site treatment/disposal. Eight (8) cells out of 13 have been excavated and backfilled. The work is scheduled for completion in early April.

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.

The new 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, has been repaired and is operating as designed.

Operable Unit 2 (OU-2):

All OU-2 oxygen injection systems continue to operate as designed. Injection systems were recently restored after a brief interruption following the March 13 storm that resulted in electrical power failure. One system in the mid-plume is still currently offline. The electrical service has been repaired and the system will be restarted after internal inspection of components has been completed.

Operable Unit 3 (OU-3):

Oxygen Injection Systems: Installation of a new oxygen injection system along the north side of Union Boulevard/Community Road is scheduled for completion and operation within the next few weeks.

LIRR Relocation and Excavation: All seven cells in the area where the LIRR tracks were relocated have been excavated and backfilled. The second excavation phase will begin once the track is moved back to its original position, scheduled to occur within the next two months. The schedule is determined by the LIRR's timetable. Approximately 5968 tons of contaminated soil and 165,000 gallons of impacted water were removed for off-site disposal at an approved disposal facility.

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. Post-injection performance monitoring is ongoing. Current monitoring data has not shown adverse impacts to the environment or surrounding dwellings. Field activities to evaluate the effectiveness of the injection in treating the contamination will be scheduled in the near future, once the contractor has reported that the injected chemicals are no longer active in the subsurface.

The structure located at 3 Center Avenue has been demolished. A DRAFT Interim Remedial Measure work plan submitted to DEC is under review.

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 bi-weekly update will be scheduled for Friday, April 16, 2010.