



Bi-weekly update #54 for the Bay Shore former Manufactured Gas Plant site – Oct. 7 –Oct. 20.

Air Monitoring Status: No exceedances have been noted. Air monitoring continues during intrusive activities and oxidant injection in OU-4. Monitoring results have been within the acceptable limits set in the Work Plan.

Operable Unit 1 (OU-1):

Oxygen Injection System: The oxygen injection system installed along Union Boulevard, directly downgradient of the OU-1 barrier wall, continues to operate as construction proceeds in the main body of OU-1. Contaminant levels in groundwater leaving the site have fallen sharply since the system was installed.

Ozone Treatment System: Construction of the Ozone treatment building is complete and treatment equipment is being installed. Sixty-three ozone injection wells have been installed. The installation of the monitoring wells and soil vapor extraction wells is complete. The system is expected to be turned on within the next two weeks.

In-situ Treatment System: Pre-design field work and sample collection continues for the in-situ oxidation system to be installed on the main OU-1 area. Determination of the proper mix of oxidation agents and injection concentrations are being evaluated.

Investigation of the area immediately west of the OU-1 barrier wall, including the former King Bear property, has been completed. Two additional monitoring wells were installed, beyond those specified in the work plan. Clean-up options to address the limited soil and groundwater impacts are being evaluated and are expected to be submitted to the Department for review shortly.

Operable Unit 2 (OU-2):

A new oxygen injection system installed at the tail end of the OU-2 plume, along the bank of Lawrence Creek, is operating as designed.

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

Construction of the last remaining portion of the OU-2 oxygen injection systems (the line of wells along Cooper Lane) has begun and is expected to be completed within the next two weeks. Road crossing construction along North Clinton Avenue is complete.

Operable Unit 3 (OU-3):

Construction of the temporary railroad track bypass is complete and connected to the main line. Preparations are underway for excavation of the source material remaining under the permanent rail line. The contract for the impacted soil removal under the rail road has been awarded to Creamer Environmental.

The installation of nine additional monitoring wells to verify the effectiveness of the OU-3 oxygen injection system is now complete. Sampling results will be included in the next quarterly monitoring report.

Operable Unit 4 (OU-4):

In-situ chemical oxidation at the cesspool portion of OU-4 has been ongoing since late April. Injection has been proceeding according to the work plan. Current monitoring data has not shown adverse impacts on the environment or surrounding dwellings. Over 80 percent of total materials have been injected.

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, November 6.