# New York State Department of Environmental Conservation Public Affairs and Education

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This is the ninth bi-weekly update of the Bay Shore/KeySpan/National Grid MGP Remediation covering the period from 11/29/07 to 12/06/07.

# **Operable Unit 1**

#### Phase I

#### **Barrier Wall Closure Status:**

Caisson\* closure work is currently halted due to vibration concerns. Alternative methods to complete the wall closure are being evaluated.

\* The caisson is the method to be used to close the gap between two of the wall segments. Closure caissons installation is accomplished by installing overlapping sheets within a cement like column that is installed within a circular steel closure called caisson.

#### **Sidewalk Access:**

The temporary fence on North Clinton Avenue near Union Boulevard is in the process of being temporarily moved back onto the site. Sidewalk access will be temporarily restored within the next couple of weeks once the fence setback is completed.

## **Temporary Oxygen Injection System:**

A temporary oxygen injection system is being finalized and will be installed near the wall treatment window in parallel to wall closure work.

#### Phase II

## **Temporary Enclosure:**

The Universal® Structure was moved North to its second position in the second of four rows.

#### **Soil Removal Status**

Excavation is continuing. To date, approximately 723 truckloads of contaminated soil and concrete have been removed for a total of 22,500 tons and transported to a permitted thermal treatment facility for treatment.

## **Air Monitoring Status:**

Air monitoring stations are setup at the perimeter of the work area. There were no exceedances noted on the air monitoring stations since the last report. There was an odor complaint on November 20 downwind of the site. All excavation related work was suspended while identifying the source of the odor. The identified source was sprayed promptly with foam and the area was

covered with plastic sheeting. The odor did not result in exceedances of the minimum threshold established for the site. All stations were within required parameters.

### **Security**:

There were no site security issues since the last report.

# **Operable Unit 2:**

The DRAFT Hydrologic Study report, which evaluated the oxygen injection technology, has been submitted to the NYSDEC, NYSDOH and SCDHS. A meeting was held on November 27 between the NYSDEC, NYSDOH, and the Suffolk County officials. All parties agreed that the oxygen injection system is a viable technology to address OU-2 groundwater plume and should be expanded to the upper portion of the plume.

## **Operable Unit 3:**

## **Storm Drain Work:**

Fourteen catch basins in the vicinity of the OU-3 plume were inspected and cleaned out as required. A section of the storm main was inspected by video camera for ground water infiltration. There appears to be groundwater infiltration. Potential upgrades of the system are under discussion with the appropriate local agencies.

## **Brightwaters yard:**

Petroleum contaminated soils related to previously removed Underground Storage Tanks (USTs) and the vehicle maintenance facility are being excavated inside the service building and in the adjacent yard.

## **Operable Unit 4:**

Nothing new to report at this time.

Information on remediation efforts is also periodically updated on National Grid's former Bay Shore Manufactured Gas Plant site: <a href="http://www.bayshoreworksmgp.com">http://www.bayshoreworksmgp.com</a>. General information on NYSDEC's Manufactured Gas Plant remediation program is available at: <a href="http://www.dec.ny.gov/chemical/8430.html">http://www.dec.ny.gov/chemical/8430.html</a>.

If you have any questions, please contact Mr. Gardiner Cross or Mr. Amen Omorogbe at (518) 402-9662.

The next bi-weekly update is scheduled for December 21, 2007.