



# FACT SHEET

February 2007

## KeySpan to Begin Remediation of Operable Unit 1, South of LIRR Tracks

### **Dear Interested Citizen:**

This Fact Sheet provides a summary of an Interim Remedial Measure to be conducted at this site and information related to other remedial activities. On August 09, 2004, the Final Remedial Action plan was approved by the Department.

### **Project Related Issues:**

Mr. Amen Omorogbe, P.E  
NYSDEC

Division of Environmental  
Remediation  
625 Broadway  
Albany, NY 12233-7014  
(518) 402-9564

### **Health-Related Concerns:**

Ms. Jacquelyn Nealon  
NYSDOH, BEEI  
Flanigan Square  
547 River St., Room 300  
Troy, NY 12180-2216  
(800) 458-1158 Ext. 27890

### **KeySpan Representative:**

KeySpan's Community  
Representative for the Site is  
James Christman. The  
company's Telephone  
Hotline for Bay Shore and  
Brightwaters residents in the  
vicinity of the site is:  
(516) 545-3839

### **Summary:**

KeySpan will be excavating an area of contaminated soil associated with its former MGP operations in Bay Shore. This area is south of the Long Island Railroad tracks, along North Clinton Avenue. The work is being conducted to facilitate the relocation of Long Island Power Authority electric transmission lines which is necessary to allow the implementation of the full remedial plan for Operable Unit 1 (the former Main site). OU-1 is generally bordered by Fifth Avenue to the east, the LIRR to the south, the Village of Brightwaters to the west and private properties to the north. OU-1 also includes properties immediately south of the site located between the LIRR and Union Boulevard. The work is being undertaken following a workplan approved by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH).

### **Description of Work:**

The South Cell work will consist of the excavation of an area of contaminated soil of approximately 50 feet by 30 feet, to a depth of between 16 feet and 25 feet. Sheet piling will be installed in two rectangular cells to depths between 35 and 40 feet to support the surrounding soils during the excavation. The soil will be removed by standard long reach excavating equipment, operating under a temporary fabric enclosure to prevent the potential release into the community of unpleasant odors associated with some of the contaminants. Air from the enclosure will be filtered through carbon and continually monitored. Work will stop in the unlikely event there are releases of air containing contaminants from the treatment system. A similar enclosure was utilized successfully by KeySpan during the excavation of portions of Operable Unit 3 of this site. Workers entering the enclosed area may be wearing personal protective equipment as is required for work of this type because of the possibility of direct exposure to the contaminated soils. The excavated contaminated soils, any large debris and used personal protective equipment will be placed in covered containers, placed on properly permitted carriers and transported from the site to licensed disposal facilities. The removed soil will be replaced with non-contaminated soils from the site as well as clean fill brought in from approved facilities. After the work is completed the work area will be returned to its pre-IRM grade and surfaced to match the surrounding area. The work is expected to take approximately 10 weeks, beginning in late-February 2007.

### **Document Repositories:**

The Remedial Action Plan and other documents associated with the Bay Shore/Brightwaters site are available for review at the document repositories identified below:

#### **Bay Shore/Brightwaters Public Library**

1 South Country Road  
Brightwaters New York

Repository is open during normal library hours.

**NYSDEC Region 1 Office**  
SUNY-Stonybrook  
Stony Brook, NY 11790

Contact: Mr. Walter Parish

(631) 444-0241  
Hours: M-F: 9-5 (by appointment)

#### **Vapor Intrusion Concerns**

If you have questions regarding possible vapor intrusion exposure as a result of the operation of the former MGP site, please contact the NYSDOH contact person, Ms. Jacquelyn Nealon with the contact information listed above.

### **OU-1 Remedial Action Plan:**

The work described on the preceding page is associated with a Remedial Action Plan approved by the NYSDEC and NYSDOH in August 2004. This Remedial Action Plan, when fully implemented, is expected to significantly reduce the existing contaminant mass in OU-1 and, therefore, reduces potential for future exposure to contaminants in soil and groundwater within OU-1. The contribution of contaminants into groundwater will be reduced by removal and treatment of source material. The subsurface barrier wall which will be installed along the southern boundary of OU-1 north of the Union Boulevard along with a NAPL (tar) recovery system and groundwater treatment zone will further mitigate potential migration of dissolved contamination from the site. Together, these measures will significantly reduce the source of contaminants to the downgradient groundwater plume that is found in the area designated as OU-2. The cost to construct the remedy for OU-1 as outlined in the 2004 Remedial Action Plan, including this IRM, is estimated at \$47.1 million. KeySpan will fund the project.

### **Other Recent Developments:**

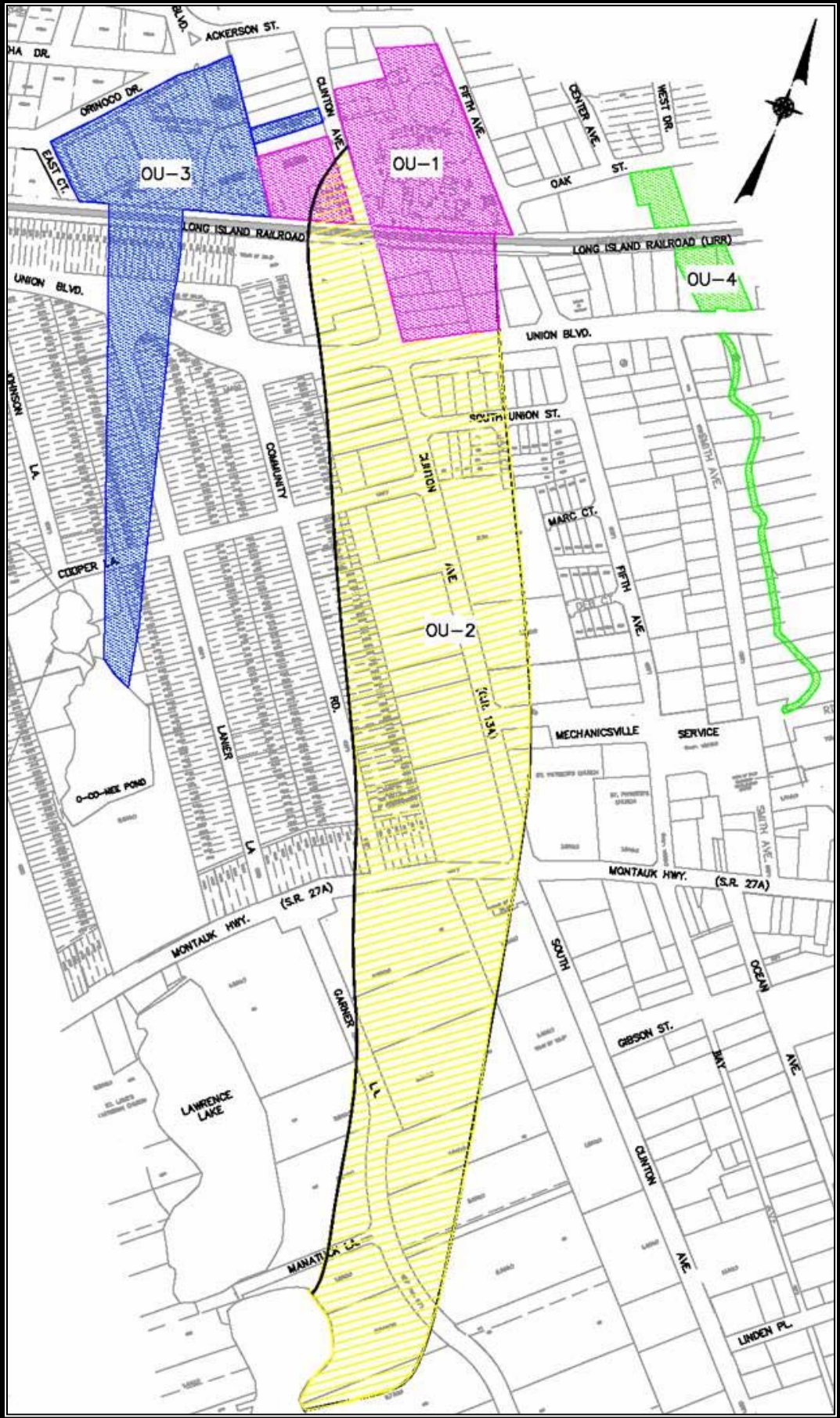
OU-1: KeySpan has been completing pilot tests related to the installation of the planned barrier wall, obtaining proposals from potential contractors for constructing this element of the Remedial Action Plan. Soon KeySpan will begin meeting with community officials and property owners who may be affected by the work to develop mitigation plans.

OU-2: KeySpan has conducted periodic monitoring of the effectiveness of the oxygen injection systems installed last year along Montauk Highway and Garner and Manatuck Lanes. The results are in the Third Quarter Operations, Monitoring and Maintenance Report that can be found in the Document Repositories. KeySpan also completed and submitted to the NYSDEC data and analysis related to soil vapor samples taken throughout the Operable Unit.

OU-3: KeySpan has conducted periodic monitoring of the effectiveness of the oxygen injection system installed along Lanier Lane and at KeySpan's Brightwaters Yard. The results are in the Third Quarter Operations, Monitoring and Maintenance Report that can be found in the Document Repositories.

OU-4: KeySpan has completed an Interim Remedial measure to remove contaminated soils beneath and adjacent to the northwest corner of the parking lot for the Long Island Railroad Station and along Oak Street. The measures appear to have been effective and the cooperation of the community is appreciated during the minor disruptions to traffic.

(Site Map on Next Page)



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KeySpan  
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Hicksville NY 11801