

NEW YORK STATE  
DEPARTMENT OF  
ENVIRONMENTAL  
CONSERVATION

**Dear Interested Citizen:**

This Fact Sheet provides an update on activities at this site since the May 12, 2004 public meeting. On August 09, 2004, the Final Remedial Action Plan was approved by the Department.

**Next Step:** KeySpan

Corporation, the site owner will design and implement the remedy. The Department will update you when the design is complete and ready for construction. For information about the site, please contact the following:

**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. Lani Rafferty  
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  
Belinda Pagdanganan. The  
company's Telephone Hotline  
for Bay Shore and  
Brightwaters residents in the  
vicinity of the site is  
(516) 545-3839

Former Bay Shore/Brightwaters MGP Site  
Bay Shore/Brightwaters, Suffolk County, NY  
Site No. 1-52-172

# FACT SHEET

September 2004

## NYS Department of Environmental Conservation Approves Final Remedial Action Plan (RAP) for Operable Unit 1 of the Former Bay Shore/Brightwaters MGP Site

The New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), are pleased to announce the selection of a remedy for the former Bay Shore/Brightwaters MGP Site, Operable Unit 1 (OU-1). OU-1 is 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 Final Remedial Action Plan includes:

- excavating contaminant source areas in the southern half of the site from the surface to an approximate depth of 8 feet;
- excavating source areas in four locations to approximate depths of at least 16 feet, removal and off-site thermal desorption of impacted soil;
- backfilling excavated areas to restore existing grades;
- performing in-situ chemical oxidation to treat residual source material beneath the excavated areas;
- constructing a subsurface barrier wall at the downgradient edge of OU-1 with in-situ groundwater treatment immediately upgradient of the barrier;
- recovering mobile tar or dense non aqueous phase liquid (DNAPL) via extraction wells where practicable; and
- implementing institutional controls and a site management plan to manage future subsurface disturbance and resultant potential exposures.
- Long term operation, monitoring and maintenance of the containment and treatment systems.

(Continued next page)

**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)

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 barrier wall, NAPL recovery and treatment zone will further mitigate potential migration of residual 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 build the remedy for OU-1 is estimated at \$47.1 million. KeySpan will fund the project.

**Recent Developments:** A Public Meeting was held on May 12, 2004 to present the RAP to the community. Following a request made at the Meeting, KeySpan Corporation, under the supervision of the New York State Department of Environmental Conservation, conducted a supplemental off-site investigation to further define the extent of contamination resulting from the operation of the former MGP site. A review of the data obtained from the investigation shows results that are consistent with the previous RI interpretation and conclusion. The investigation did not result in any additional significant information to warrant modifications to the RAP presented at the May 12 public meeting. Representatives from the NYSDEC and NYSDOH have responded to numerous individual comments, questions and concerns received by phone and mail since the public meeting. Any other questions regarding this site can be directed to the individuals noted on the side bar.

KeySpan Corporation continues to make progress on the other portion of the site (Operable Units 2 through 4) through Interim Remedial Measure activities. Please refer to the attached figure showing portions of the site. The Fact Sheet issued in April 2004 discusses other portions of the site in greater detail.

**What Happens Next:** Work will begin to design the remedy selected by the RAP. The design work is expected to be completed by the Fall 2005. Once the design is complete and approved by the New York State Department of Environmental Conservation, KeySpan Corporation will begin preparation to construct the remedy. Construction is expected to begin in the Fall 2005 and will take approximately two years to complete.



**NYS Department of Environmental Conservation  
Approves Final Remedial Action Plan (RAP)  
for Operable Unit 1 of the  
Former Bay Shore/Brightwaters MGP Site**



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Hicksville NY 11801

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