

**NEW YORK STATE  
DEPARTMENT OF**



**ENVIRONMENTAL  
CONSERVATION**

**Dear Interested Citizen:**

This fact sheet will outline the current status of the site and the next steps in the remedial process. If you would like further information, or if you have any questions, **please contact:**

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NYSDEC

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or

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**Regional Citizen Participation**  
**Specialist**

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SUNY Campus  
Loop Road, Building 40  
Stony Brook, NY 11790-2356  
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**For site-related health questions,**  
please contact the following New  
York State Department of Health  
(NYSDOH) representative:

**Ms. Krista Anders, Ph.D.**  
NYSDOH

Flanigan Square  
547 River Street  
Troy, NY 12180  
1-800-458-1158, ext. 27880

**FILE COPY**  
**FACT SHEET**

**Glenwood Landing Gas Plant Site [#V-00351-1]  
Voluntary Cleanup Program**

**April 2001**

**INTRODUCTION**

The New York State Department of Environmental Conservation (NYSDEC), in cooperation with the New York State Department of Health (NYSDOH) would like to inform you about the environmental site investigation which will begin at the former Glenwood Landing Gas Plant facility. The approximately 20 acre site is a former modern liquid propane gas cracking plant and propane storage tank farm. The gas facilities have been decommissioned and demolished, and the propane storage tanks have been removed. A laboratory services operation remains active at the site.

The investigation of the site is being undertaken by KeySpan Energy Corporation (KeySpan) under the terms of the NYSDEC's Voluntary Cleanup Program (VCP). Under New York's VCP, a volunteer enters into an agreement pursuant to which it can investigate and/or remediate a contaminated site. The goal under the VCP is to remediate the site to a level that is protective of public health and the environment for the contemplated future use of the property. KeySpan has signed a Voluntary Cleanup Agreement (VCA) with the NYSDEC and has formalized a site investigation work plan whereby KeySpan will thoroughly evaluate the environmental impacts of past activities at the site. Investigation, evaluation, risk assessment, and subsequent remedial actions are being conducted under the premise that the site may be redeveloped as residential property. This approach allows the greatest flexibility for potential redevelopment options.

**SITE LOCATION AND BACKGROUND**

The site is bounded by the east bank of Hempstead Harbor, off Shore Road, in the Village of Glenwood Landing, Nassau County, New York. The portion of the site to the west of Shore Road, and adjacent to Hempstead Harbor, is referred to as Area 1. This area is further divided into two sub-areas. Area 1A consists of the former location of the buried propane storage tank farm and Area 1B is a vacant parcel immediately north of Area 1A. Areas 2 and 3 are located east of Shore Road. Area 2 is the northern parcel, and contains two transformer substations, a laboratory building and a maintenance building. Area 3 adjoins Area 2 to the south and includes a former gas compressor building, storage areas and the foundation of a former gas holder.

From 1949 to 1975 the site contained a 5 million cubic foot gas holder tank,

which was used to store gas for peak demand. A gas compressor building and a catalytic reforming plant, both built in the early 1950's, were used for the purpose of lowering the BTU value of natural gas to match the gas service requirements at the time. In the early 1970's a laboratory facility was constructed on site. The laboratory, operated by KeySpan, is the only component of the site that remains active.

## PREVIOUS SITE ASSESSMENT ACTIVITIES

Several preliminary environmental site assessments have been completed by KeySpan for the Glenwood Landing Gas Plant site. The results indicate that the property has been impacted by past site activities. In Area 1A, volatile organic compounds (VOCs), including tetrachloroethene (PCE), were found in concentrations exceeding NYSDEC groundwater standards. In Area 1B, metals (specifically arsenic and vanadium) were present at concentrations in excess of background levels in surface and subsurface soils.

In Area 2, mercury and polynuclear aromatic hydrocarbons (PAHs) were detected in excess of NYSDEC guidance values in soil samples from debris piles along the western portion of the property. In addition, polychlorinated biphenyls (PCBs) and PAHs were detected in excess of NYSDEC criteria in soil borings from a boiler waste pit area. In Area 3, PAHs and PCBs above guidance levels and arsenic greater than published background levels were detected in subsurface soil samples in the area of the former gas holder.

Since access to the property is currently controlled, human exposure to on-site contaminants is expected to be minimal. Furthermore, there are no current threats to public drinking water supply wells from the on-site groundwater contamination.

## THE NEXT STEP

KeySpan will undertake a supplemental site investigation to determine the nature and extent of contamination found at the site. The site investigation field work is set to begin the week of April 16th. The consulting engineering firm of Vanasse Hangen Brustlin, Inc. will conduct the site investigation activities for KeySpan.

The following field activities are planned;

### Area 1A

- \* 7 new groundwater monitoring wells will be installed, sampled and analyzed for site contamination,
- \* and approximately 20 surface soil samples will be collected and analyzed.

### Area 1B

- \* 6 shallow groundwater samples will be collected with temporary geoprobes and analyzed,
- \* sediment samples from the tidal mud flat will be

collected and analyzed,

- \* and surface water samples from a pond located in this area will be collected and analyzed.

### Area 2

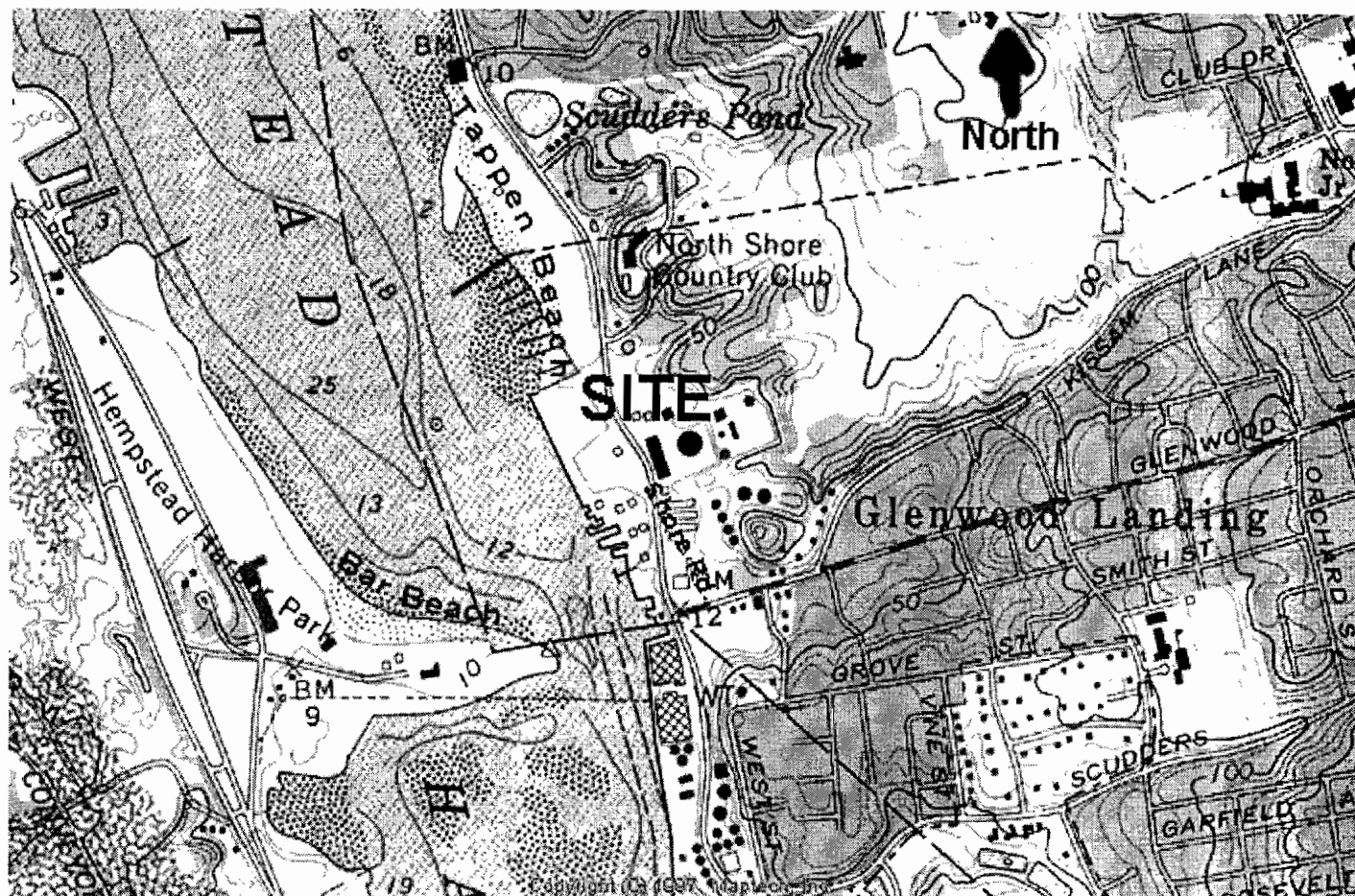
- \* soil borings will be evaluated in a former boiler wash disposal area.

### Area 3

- \* subsurface soil samples will be collected in the vicinity of the former gas holder,
- \* also in Areas 2 and 3, several surface soil samples will be collected and analyzed.

Upon completion of the site investigation, KeySpan will submit an engineering report that identifies the contamination problems at the site, and through an engineering analysis, propose and demonstrate a remedy that is protective of public health and the environment consistent with contemplated future use of the site.

## SITE LOCATION MAP



### FOR MORE INFORMATION

Additional information regarding this site and remedial progress will be sent to you when it becomes available. However, if you would like more detailed information about the site and/or review the site investigation work plan you are welcome to visit the site's document repositories at:

Glen Cove Public Library  
4 Glen Cove Ave.  
Glen Cove, NY  
(516) 676-2130

9 a.m. - 9 p.m. (Mon.- Thurs)  
9 a.m. - 5 p.m. (Fri.)  
9 a.m. - 1 p.m. (Sat.)

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