



FACT SHEET

Manufactured Gas Plant Program

Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: K - Halesite MGP
DEC Site #: 152173
Address: 40 North New York Ave.
Halesite, NY 11743

Have questions?
See
"Who to Contact"
Below

NYSDEC Certifies Cleanup Requirements Achieved at Manufactured Gas Plant Site

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the K - Halesite MGP site ("site") located at 40 North New York Avenue., Halesite, Suffolk County under New York's Manufactured Gas Plant Program have been or will be met. Please see the map for the site location.

NYSDEC has approved a Final Engineering Report regarding the site. A copy of the report is available at the location(s) identified below under "Where to Find Information."

The cleanup activities were performed with oversight provided by NYSDEC and the New York State Department of Health (NYSDOH).

Completion of Project

The remediation consisted of:

- 1) removal of heavily impacted soils from two upland and two lowland areas of the site to a depth ranging from 12 to 22 feet below grade;
- 2) construction of an engineered cap over portions of the upland area;
- 3) construction of a groundwater treatment system in the lowland area;
- 4) installation of tar recovery wells in the upland and lowland areas; and
- 5) implementation of a site management plan for the site.

Final Engineering Report Approved

The NYSDEC has approved the Final Engineering Report, which:

- 1) describes the cleanup activities completed;
- 2) certifies that cleanup requirements have been or will be achieved for the site;
- 3) describes any institutional/engineering controls to be used;
- 4) certifies that a site management plan for any engineering controls used at the site has been approved by NYSDEC.

Institutional and Engineering Controls

Institutional controls and engineering controls generally are designed to reduce or eliminate exposure to contaminants of concern. An *institutional control* is a non-physical restriction on use of the site—such as a deed restriction—when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

The following institutional controls have been or will be put in place on the site:

- Deed Restriction
- Groundwater Use Restriction
- Land Use Restriction
- Site Management Plan

The following engineering controls have been or will be put in place on the site:

- Groundwater Treatment Systems
- Cover System

Background

Location: The Halesite MGP site is located in the Town of Huntington, Suffolk County. The site is on North New York Avenue (NYS Route 110) approximately 200 feet east of Huntington Harbor.

Site Features: An active electric substation is located in the western portion (lowland) of the site. The upland portion of the site consists of undeveloped land that rises approximately 70 feet in elevation to the eastern boundary of the site. The site is approximately one acre in size.

Current Zoning and Land Use: Land uses around the site include commercial, residential and light industrial. The Halesite Post Office is located to the north and an office building is located to the southern boundary of the site. The nearest residential properties are approximately 200 feet east of the site upland portion.

Past Use of the Site: The site began operating as a manufactured gas plant (MGP) in 1892 and continued through approximately 1918. Contamination of both soils and groundwater were the result of the MGP operations. The Long Island Lighting Company (LILCO) took ownership of the property in 1919. The MGP structures were subsequently dismantled and removed from the site. In 1998, LILCO's electric system was acquired by LIPA, who currently owns the site. An electric substation continues to operate at the site.

Site Geology and Hydrogeology: The geology of the site and surrounding area is comprised of a relatively thick sequence of sand, gravel, silt and clay. Four distinct stratigraphic units underlie the site and adjacent area. From the ground surface downward, these units consist of: topsoil/fill material; shallow sand unit; fine-grained sand unit; and the glacial sand unit.

The groundwater at the site is tidally influenced. Groundwater depths range from approximately 4 to 12 feet below ground surface (bgs) in the lowland area, to 64 feet bgs in the upland area. On-site groundwater generally flows in a west to northwesterly direction toward Huntington Harbor.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/extapps/derexternal/haz/details.cfm?pageid=3&progno=152173>

About the Manufactured Gas Plant Program:

NYSDEC has one of the most aggressive Manufactured Gas Plant (MGP) Programs site investigation and remediation programs in the country. Since the problems associated with the former MGP sites were identified, NYSDEC has been working with all the utilities on a state-wide basis to identify and address the issue of MGP sites for which they may have responsibility. This effort has resulted in approximately 235 sites identified for action by the seven utilities operating in New York State.

Currently we have multi-site orders or agreements with six utilities, including National Grid, and several other individual site volunteers, to address 222 MGP sites in NYS. NYSDEC continues to seek to identify any other possible MGP sites throughout the State.

For more information about the NYSDEC's MGP program, visit: www.dec.ny.gov/chemical/8430.html

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Huntington Public Library
338 Main Street
Huntington, NY 11743
phone: 631-427-5165

NYSDEC-Region 1 Office
Attn: Walter Parish
SUNY Stony Brook
Stony Brook, NY 11790
phone: 631-494-0241

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Scott Deyette
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9794
sxdeyett@gw.dec.state.ny.us

Site-Related Health Questions

Renata Ockerby
New York State Department of Health
Bureau of Environmental Exposure Investigation
ESP, Corning Tower, Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.state.ny.us

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

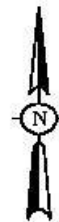
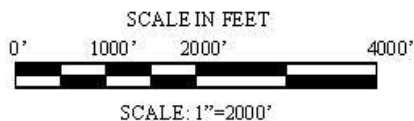
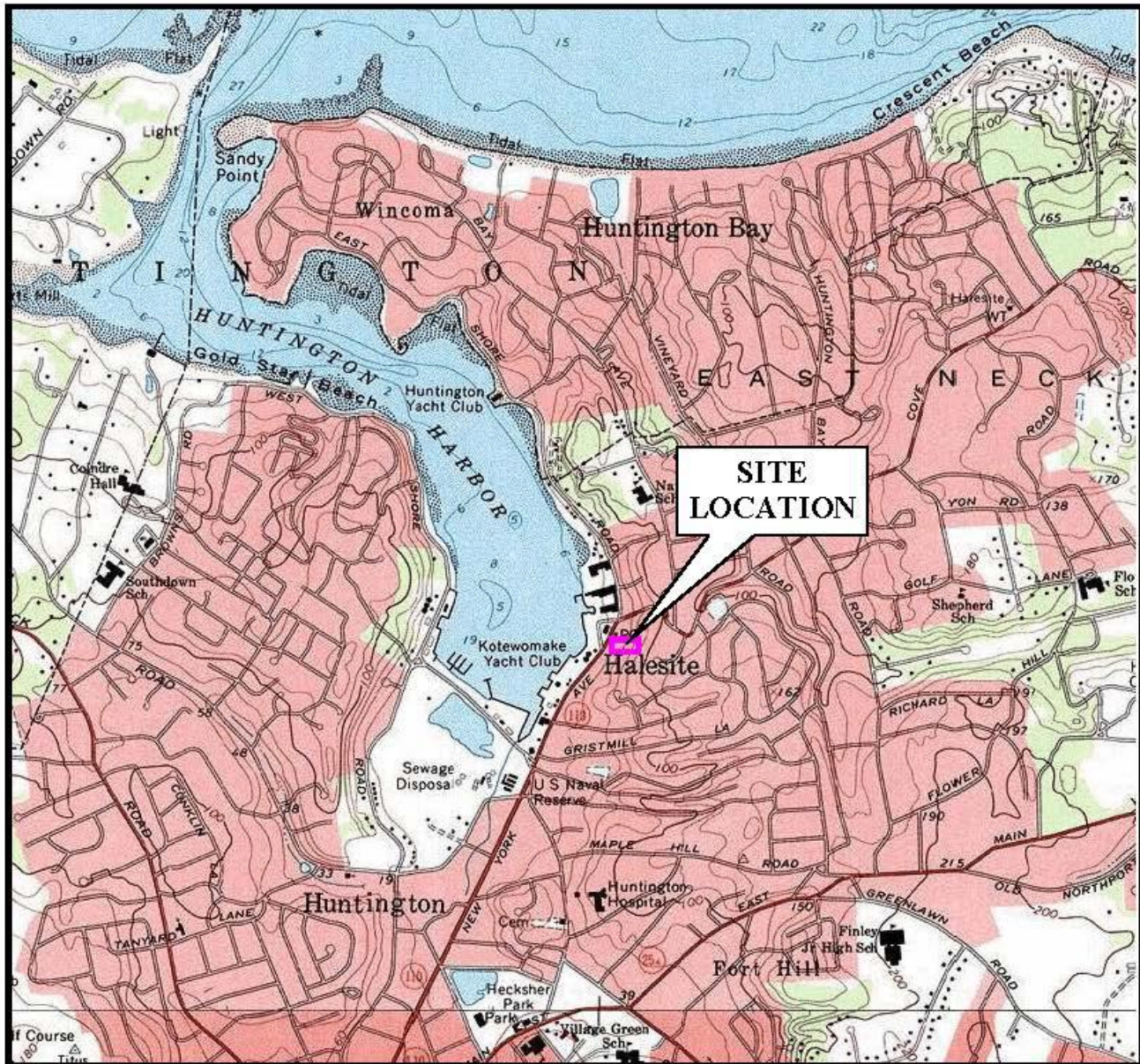
Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:
<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better informed*.



As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



SOURCE:
 7.5 MINUTE SERIES USGS TOPOGRAPHIC MAP
 QUADRANGLE: Lloyd Harbor, NY 1992

**HALESITE FORMER MGP SITE
 HALESITE, NEW YORK**

SITE LOCATION MAP

AKRF Engineering P.C.

Environmental Consultants
 440 Park Avenue South, New York, N.Y. 10016

DATE
08.22.08

PROJECT NO.
60101

SCALE
AS SHOWN

FIGURE
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New York State Department of Environmental Conservation

625 Broadway

Remedial Bureau C, 11th Floor

Department of Environmental Remediation

Albany, New York 12233-7014

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