

NEW YORK STATE
DEPARTMENT OF



ENVIRONMENTAL
CONSERVATION

This Fact Sheet describes a remedial action to take place at an off-site location associated with the former manufactured gas plant site in Halesite, New York. Contact information for the New York State Department of Environmental Conservation, New York State Department of Health, and National Grid (the owner of the site) is provided on the following page.

Former Halesite Manufactured Gas Plant Site
Village of Halesite / Town of Huntington
Suffolk County, NY
Index No. D1-0001-98-11

FACT SHEET

January 2009

Off-Site Remedial Action to Begin at Former Halesite Manufactured Gas Plant Site

National Grid, under New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) oversight, will begin the off-site portion of the Remedial Action (RA) for a former Manufactured Gas Plant (MGP) site located in Halesite, along North New York Avenue, in the Town of Huntington. An active Long Island Power Authority (LIPA) electric substation is located on a portion of the site. The off-site work will take place at the office building property (south of the LIPA site) located at 36 North New York Avenue.

Background:

Predecessors to the Long Island Lighting Company (LILCO) operated an MGP on the site beginning around 1892 and continuing through about 1918. The facilities, which used to manufacture gas, were dismantled and removed from the site after 1918. The site provided storage for manufactured gas through 1960, at which time the cylindrical storage tank was removed and an electric power substation was eventually erected. Following the 1998 merger of LILCO and Brooklyn Union Gas Company to form KeySpan, the site became the property of LIPA, but, as the successor to LILCO, KeySpan (which was acquired by National Grid in 2007) retained responsibility for the environmental conditions resulting from the former MGP. Those conditions, reported in a Final Remedial Investigation Report in November 2004, are generally associated with the deposit of coal tar and its related chemical constituents on the site as a byproduct of the MGP operations. Currently, the site consists of a lowland area where the substation is located, a wooded upland area, an offsite downgradient area to the west of the site leading towards Huntington Harbor, and an offsite area south of the LIPA site at portions of the office building property located at 36 North New York Avenue.

The key elements of the Remedial Action Plan (RAP) include excavation of contaminated soil from an area off-site and from four on-site areas (two upland and two lowland); installation of an engineered cap in the upland area; and groundwater treatment and DNAPL (tar) recovery in the lowland area. Construction activities for on-site soil removal in the upland and lowland areas began in September 2008 and are expected to be completed in late January 2009.

The off-site soil removal located at the office building property at 36 North New York Avenue is scheduled to begin on February 2, 2009 and continue

If you have any questions or would like information about the former MGP site in Halesite please contact:

Lisa Gorton
Environmental Engineer
NYSDEC
Remedial Bureau C
Division of Environmental
Remediation
Albany NY 12233-7014
518-402-9564

For site related health questions, contact the New York State Department of Health (NYSDOH) staff:

Ms. Renata Ockerby
NYSDOH
Flanigan Square
Room 300
547 River Street
Troy, NY 12180
(800)-458-1158
ext. 27880

For information on site related activities, you can contact National Grid:

Halesite Site Hotline
(516) 545-3672

National Grid has a website to keep the community informed about construction progress and possible impacts to normal community activities as well as to provide additional information about the site:
www.halesitemgpsite.com

Press inquiries may be made to the appropriate press offices of the New York State agencies or National Grid

into late March 2009. Some non-intrusive site mobilization activity on the office building property may be conducted during late January.

Remedial Investigation and Exposure Assessment:

The Remedial Investigation took place in two phases: a Remedial Investigation in 2000 and a Supplemental Investigation in 2003. The investigations were undertaken under an Order on Consent between KeySpan and the NYSDEC and under Work Plans approved by the NYSDEC.

Data from on-site investigations have shown the presence of contaminants typically associated with an MGP operation. The majority of these contaminants can be divided into two categories: Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX) and Polycyclic Aromatic Hydrocarbons (PAHs). BTEX compounds, commonly found in petroleum products such as gasoline, are less dense than water and will form sheens on top of water. PAHs are made up of several semi-volatile compounds. These compounds are also found in many petroleum products, such as asphalt. These compounds tend to be denser than water and are not readily dissolved or broken down in the environment.

BTEX and PAHs are most often found in a mixture known as coal tar, a dark, viscous fluid with a distinctive acrid odor. Coal tar was condensed out of the manufactured gas before it was piped to individual customers. At the Halesite MGP site residual coal tar is located primarily at two tar deposit areas in the upland portion of the site and southeast of the former Gas House in the lowland area. Off-site, a groundwater plume is present downgradient in the direction of Huntington Harbor. Analysis of the groundwater downgradient of the site, near Huntington Harbor, shows non-detect to low concentrations of BTEX and PAHs in shallow and intermediate depth groundwater. No impacts to Huntington Harbor have been observed.

Currently, the potential for members of the public to be directly exposed to site-related contaminants is minimal since residual contamination is covered with asphalt and public water serves the area. In addition, all access is restricted by fencing. The potential for soil vapor intrusion (SVI), if any, to impact structures off-site will be evaluated and actions taken, as necessary.

During the off-site Remedial Action, protective measures will be followed to minimize the potential for the office tenants and visitors to be exposed to site-related contaminants. One of these protective measures is the implementation of a Community Air Monitoring Plan (CAMP). This plan will be used during site invasive activities to protect site occupants and the surrounding community. The CAMP will be implemented during remedial activities with direct oversight by the NYSDEC and NYSDOH. Another protective measure that will be used is an Odor Control Plan, under which nuisance odors will be monitored and controlled during on-site activities. Some specific odor control methods that may be used include: foam or tarps to cover exposed soils, minimizing the size of soil stockpiles, and chemical odorants in misting systems.

**Document Repositories for
the site are located at:**

Huntington Public Library
338 Main Street
Huntington NY 11743

NYSDEC Region 1 Office
St. NY Stonybrook
Stony Brook NY 1179
631 444-0240
Contact: Mr. Walter Parish
Call for appointment

Off-Site Construction Plan and Phases:

Construction will begin by stripping asphalt from the designated soil removal area in the rear parking lot of the office building. The entire area will be secured with chain-link construction fencing. In addition, a ramp will be constructed over the retaining wall on the northern side of the rear parking lot to provide access for construction vehicles from the MGP site. Once the preparation activities are completed, excavation equipment will move to the off-site area to begin excavation. Excavated soil will be transferred over the retaining wall onto the MGP site for trucking to authorized off-site disposal facilities. Specialized foams, mists, and other technologies will be used to minimize odors, if any, generated during the excavation. Staged soils will be foamed and/or covered with specialized tarps. All trucks transporting soil for off-site disposal will be loaded on the MGP site. The trucks will be lined and will have both a plastic cover and specialized tarp cover to contain the removed soils and reduce odors and dust while in transit. The excavated soil will be replaced with clean fill from NYSDEC approved sources. After the excavation is backfilled to grade level, National Grid will restore the office building property by re-paving and re-striping the affected portions of the rear parking lot.

During the excavation of the off-site area, the entire rear parking lot for the office building will be closed. Temporary parking will be provided for the office workers and visitors at the Town of Huntington Marina, located directly across New York Avenue. Please see the attached parking figure. Off-site remediation work will be done during normal daytime working hours Monday through Friday. The project is expected to begin in early February 2009 and is expected to take approximately eight weeks to complete.

The Final Remedial Investigation Report, the full Remedial Action Plan and other documents related to the Halesite MGP site may be found in the Document Repositories.

