

Site Figure



If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager listed above. 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.



FACT SHEET

Manufactured Gas Plant Program

Rockaway Park Former Manufactured Gas Plant Site
Site #2-41-029
Beach 108th Street and Beach Channel Drive
Rockaway Park, New York 11694

October 2015

Construction for the Bulkhead Area to Begin October 2015 at Rockaway Park Former MGP Site

Construction is set to begin in October 2015 at the Rockaway Park Former Manufactured Gas Plant (MGP) Site (the “Site”) for the Bulkhead Area phase of work. The Bulkhead Area is located immediately north of Beach Channel Drive between Beach 108th Street and the end of the Rockaway Freeway, north of the main site parcel. The bulkhead area is approximately 0.6 acres, and is currently owned by the City of New York. The remediation is being performed by National Grid, under the oversight of the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). For additional information on MGPs, please visit www.dec.ny.gov/chemical/8430.html.

BACKGROUND AND SUMMARY

Gas production began at the site in the 1880's and continued until the mid-1950's. During its life, the plant expanded several times to increase production and storage capacities. Most of these expansions were onto adjacent properties created with fill dredged from Jamaica Bay. The final owner of the MGP, while it was still producing gas, was the Long Island Lighting Company (LILCO). The property remained LILCO's until the merger with The Brooklyn Union Gas Company in 1998 to form KeySpan. KeySpan was acquired by National Grid in 2007.

In 1998, the site was added to the State's Registry of Inactive Hazardous Waste Disposal Sites (Registry), as a class 2 site. A class 2 site "poses a significant threat to the public health or environment and requires remedial action." As a result of this classification, KeySpan entered into an Order on Consent with the NYSDEC, in 1999, to perform a remedial investigation/feasibility study and remediation of the site.

The Remedial Investigation was conducted between 1999 and 2002, followed by supplemental investigations. Based on the results of the investigations and an analysis of remediation alternatives, the NYSDEC issued its Record of Decision in October 2004. The key elements are:

- Excavation of visible MGP tar to eight feet below ground surface (bgs);
- Installation of on-site and off-site non-aqueous phase liquid (NAPL) migration barriers set at various depths;
- Installation of passive dense non-aqueous phase liquid (DNAPL) recovery systems;
- Installation of soil gas vapor control methods under any existing or new structures constructed on the site;

New York State Department of Conservation
625 Broadway
Remedial Bureau C, 11th Floor
Department of Environmental Remediation
Albany, NY 12233-7014



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- Covering all vegetated areas with clean soil and all non-vegetated areas with either concrete or a paving system;
- Development of a site management plan to address residual contamination and any use restrictions;
- Imposition of an environmental easement; and,
- Annual certification of the institutional and engineering controls.

National Grid completed a Remedial Design in 2008 that was approved by NYSDEC and the NYSDOH. Remedial action commenced in the winter of 2008 and was successfully completed in the summer of 2012. During this time, a 120-foot deep DNAPL barrier wall along the northern part of the site and the site-wide cap was installed. Currently, a portion of the site is being used as a support area for gas operation activities and is restricted to authorized personnel.

The site-related documents mentioned above are available for public review at the locations identified below under “Where to Find Information” and on the Site’s website (also listed below).

SUMMARY OF THE BULKHEAD AREA CONSTRUCTION PLAN

A DNAPL barrier wall will be installed north of Beach Channel Drive, parallel to the bulkhead. The wall will be installed underground and will reach a depth of approximately 70 feet below ground surface and is approximately 170 feet long. This barrier wall, in conjunction with the barrier wall located on the Site will inhibit the migration of DNAPL to areas off the site and potentially into Jamaica Bay.

Prior to commencement of work, a structural pre-construction survey will be conducted of the adjacent structures to document any impacts due to construction. The pre-construction survey will consist of an exterior inspection, video and photographic survey of all buildings, utilities, and other site features in and adjacent to the work area before work begins. The construction will begin with the mobilization of support facilities (trailers, etc.). After that, some pre-excavation work within the offsite area will occur. This will include the location of any subsurface utilities.

A settlement and Vibration Monitoring Plan (SVMP) will be developed and implemented to include requirements for the following items: vibration and crack monitoring; settlement monitoring at adjacent building foundations; and settlement and horizontal movement monitoring along the bulkhead.

Noise monitoring will be conducted at the site perimeter to ensure that the construction activities conform to the noise mitigation plan and New York City noise codes.

Site perimeter and work zone air monitoring will be performed per NYSDOH and Occupational Safety and Health Administration (OSHA) requirements, and according to the site-specific Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). The contaminants of concern are volatile organic compounds (VOCs) and particulates. Monitoring will be continuous during construction activities and handling of impacted soils. Summaries of all air monitoring data will be provided to the appropriate parties and regulatory agencies on a weekly basis.

The Community and Environmental Response Plan (CERP) was developed to summarize the controls, monitoring, and work practices that will be used during the construction activities and how they will protect the community. The CERP will be available at the document repositories and online.

In addition to remedial construction, National Grid will develop a long-term Site Management Plan (SMP) to ensure the integrity of the remediation; and develop Institutional Controls to limit the future use of the parcel to operations and activities that will not adversely impact any element of the remedy and reflect the remaining conditions on the Site.

Following the installation of the DNAPL wall, the area will be backfilled with verified clean soil to restore the area to grade. National Grid will then install a pathway and benches along the bulkhead as well as trees, shrubs, and native grasses in order to provide an esplanade for the residents of Rockaway Park.

NEXT STEPS

National Grid will be posting weekly activity updates for neighbors and interested parties of the Rockaway Park former MGP site. The updates will describe site activities and will provide next steps for upcoming work, including information about any work that may impact normal community activities. Each of these updates can be accessed in the “Site Updates” section of the Site’s website at www.RockawayParkMGP.com.

FOR MORE INFORMATION

Project documents are available at the following locations to help the public to stay informed.

Queens Community Board 14 District Manager: Jonathan Gaska 1931 Mott Avenue, Room 311 Far Rockaway, NY 11691 Phone: (718) 471-7300 Email: Cbrock14@nyc.rr.com Call for Appointment	New York State DEC Region 2 Headquarters 1 Hunters Point Plaza 47-40 21 st Street Long Island City, NY 11101-5407 Phone: (718) 482-4900 Call for Appointment
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About the NYSDEC’s Manufactured Gas Plant Program:
NYSDEC has one of the most aggressive Manufactured Gas Plant (MGP) 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 220 sites identified for action by the eight utilities operating in New York State.

Currently we have individual site or multi-site orders or agreements with all eight utilities, including National Grid and several other individual site volunteers, to address 216 of these MGP sites.

In addition, there are 28 MGP sites that NYS is addressing or evaluating for action under the State Superfund. 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

WHO TO CONTACT

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

Project-Related Questions

Douglas MacNeal, P.E., Project Manager
NYSDEC
625 Broadway
Albany, NY 12233-7014
Phone: (518)402-9662
Email: douglas.macneal@dec.ny.gov

Site-Related Health Questions

Stephanie Selmer, Project Manager
NYSDOH
Empire State Plaza, Corning Tower, Room 1787
Albany, New York 12237
Phone: (518) 402-7860
Email: beei@health.ny.gov

**National Grid’s Rockaway Park Telephone Hotline for questions and/or to comment:
(718) 403-3400**