



Department of
Environmental
Conservation

FACT SHEET

Manufactured Gas Plant
(MGP) Program

K-Dangman Park MGP
486 Neptune Ave.
Brooklyn, NY 11224

February 2020

SITE No. 224047
NYSDEC REGION 2

Where to Find Information

Access project documents through the DECinfo locator and at these location(s):

Brooklyn Community Board 13
1201 Surf Ave. Floor 3
Brooklyn, NY, 11224
PH: (718) 266-3001

NYSDEC Central Office
Attn: John Miller
625 Broadway, 11th floor
Albany, NY 12233
(518) 402-9589

Who to Contact

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

Project-Related Questions

John Miller, Project Manager
NYSDEC
625 Broadway, Albany, NY
(518) 402-9589
john.miller@dec.ny.gov

Project-Related Health Questions

Stephen Lawrence
NYSDOH
Empire State Plaza Corning Towner
Room 1787
(518) 402-7860
beeil@health.ny.gov

For more information about New York's Manufactured Gas Plant Program, visit:

www.dec.ny.gov/chemical/24904.html

No Further Action Remedy Proposed for MGP Site; Public Comment Period and Public Meeting Announced

Public Meeting, Monday March 16th at 7:00 PM
Temple Beth Abraham, 301 Sea Breeze Ave., Brooklyn, 11224

NYSDEC invites you to a public meeting to discuss the no further action remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a no further action remedy being proposed by the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH) related to the OU-1 of the Dangman Park MGP site ("site") located at 486 Neptune Avenue, Brooklyn. Please see the map for the site location.

How to Comment: NYSDEC is accepting written comments about the proposed plan, called a Proposed Remedial Action Plan (PRAP) for 30 days, from **February 27** through **March 27, 2020**.

- Access the PRAP and other project documents online through the DECinfo Locator: <https://www.dec.ny.gov/data/DecDocs/224047/>.
- Documents also are available at the location(s) identified at left under "Where to find information."
- Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the "Who to Contact" area at left.

Based on the results of the investigation at the site and interim remedial actions (IRMs) that have already been implemented, NYSDEC is proposing no further action with a site cover, institutional controls and site management as the site remedy. An expedited cleanup, called an IRM, is conducted at a site when a source of contamination or exposure pathway (the way in which a person may contact contamination) can be effectively addressed before the final remedy is selected. At the Dangman Park MGP site, two IRMs were conducted in 2017.

- The first expedited cleanup consisted of targeted soil removal across the site to address shallower contamination. Excavation was completed in several areas to depths of approximately fifteen feet below ground surface. Approximately 1,300 cubic yards of impacted soil was removed from these areas and sent off-site for permitted disposal.

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- The second IRM consisted of injecting gypsum into the subsurface to treat coal tar and petroleum contamination by means of anaerobic oxidation. The gypsum stimulates the existing bacteria to accelerate the degradation of the contaminants. Approximately 59,000 pounds of gypsum was injected at 58 locations over an area of approximately 15,000 square feet.

In addition to these IRMs that addressed the contamination found at the site, NYSDEC is proposing a site cover, an environmental easement and site management plan to be put in place to allow the site to be used for restricted residential, commercial or industrial use, as permitted by local zoning.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State MGP Program by National Grid (“responsible party”).

Next Steps: NYSDEC will consider public comments as it finalizes the no further action remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Site Description: The Dangman Park MGP site is located in an urban area, in Coney Island, Brooklyn. The site comprises approximately 1 acre of land bounded by Neptune Avenue to the north, W. 5th St. to the east, a residential parcel to the south, and a commercial parcel to the west. The site is contained within lots 1R and 25 of Block 7273 with a large portion of lot 1R designated as operable unit 1 (OU1), and a portion of the parking area on lot 25 designated as operable unit 2 (OU2).

A large portion of the former shopping center was demolished which allowed for the IRMs to be performed concurrent with redevelopment. A portion of the former shopping center structure still exists to the west of the site but is vacant. A one-story commercial structure was recently constructed on the majority of OU1 which houses various businesses including a bank, a bagel shop and a drug store.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 224047) at:

<http://www.dec.ny.gov/cfm/external/derexternal/index.cfm?pageid=3>

Summary of the Investigation: Based upon investigations conducted to date, the primary contaminant of concern is MGP-related coal tar and associated compounds including benzene, toluene, ethylbenzene, xylenes (BTEX) and polycyclic aromatic hydrocarbons (PAHs). These contaminants were observed in the soil and groundwater at the site, primarily in the area of the former MGP operations.

MGP Program Overview: New York's MGP Program oversees the investigation and cleanup of former MGP sites. These sites undergo a process of investigation, evaluation, cleanup and long-term monitoring.

The gas manufacturing process involved the heating of coal and/or petroleum products to produce a gas mixture. Once cooled and purified, the gas was distributed through a local pipeline network. The gas was used for heating and cooking much like natural gas is used today. In the early years, the gas was also used for lighting in homes and streetlights.

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.

Stay Informed With DEC Delivers

Sign up to receive site updates by email:
www.dec.ny.gov/chemical/61092.html

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

DECInfo Locator

Interactive map to access DEC documents and public data about the environmental quality of specific sites:
<http://www.dec.ny.gov/pubs/109457.html>

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Site Location Figure

