



Department of
Environmental
Conservation

Where to Find Information

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

<https://www.dec.ny.gov/data/DecDocs/224063/>

Brooklyn Public Library
Walt Whitman Branch
93 Saint Edwards Street
Brooklyn, NY 11205
Phone: 718-935-0244

Borough Community Board 2

Attn.: Carol-Ann Church
350 Jay Street, 8th Floor
Brooklyn, NY 11201
(718) 596-5410
bk02@cb.nyc.gov

Who to Contact

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

Project-Related Questions

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Project-Related Health Questions

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

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

FACT SHEET

Manufactured Gas Plant Program

K- Front Street Holder Station
218 Front St./171 York St.
Brooklyn, NY 11201

SITE No. 224063

NYSDEC REGION 2

March 2022

Cleanup Action to Begin at Former Manufactured Gas Plant Site

Action is about to begin that will address contamination related to the K-Front Street Holder Station site ("site") located at 218 Front Street/171 York Street, Brooklyn, New York under New York's Manufactured Gas Plant Program. Please see the map for the site location.

The draft work plan, called a "Remedial Action Work Plan, was submitted to NYSDEC under New York's Manufactured Gas Plant Remedial Program. The cleanup activities will be performed by Macentico II LLC (property owner) with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Remedial activities are expected to begin in April 2022, and last about 3 months. The site is listed as a Class "A" site. A Class A site is a non-registry site where remedial work is underway but not yet completed.

Highlights of the Upcoming Cleanup Activities: The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The key components of the remedy are:

- Removal of impacted water and contaminated soil and debris from within Holder No. 5 approximately 28 feet below surface grade. Dispose of contaminated water and soil off site;
- Placement of a soil cover to allow for restricted residential use of the site in any areas where the upper 2-feet of exposed surface soil will exceed the applicable Soil Cleanup Objectives (SCOs);
- Implement a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities;
- Implement a Site Management Plan (SMP) for long term maintenance of the remedial systems; and
- Recording of an Environmental Easement to ensure proper use of the site.

MANUFACTURED GAS PLANT PROGRAM

Next Steps: The Record of Decision (ROD) was issued for the site in 2018, which, due to existing businesses and infrastructure, presented a remedy consisting of the development of an Interim Site Management Plan (ISMP) and Environmental Easement (EE). The ISMP dictated that when the site became accessible, National Grid would complete their investigation and develop a final remedy for the site. The property was sold in 2021 and National Grid was able to complete the investigation and submit the draft RAWP noted above. Once completed, the cleanup actions taken will constitute the final remedy for the site, and National Grid will prepare a Final Engineering Report (FER). The FER will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

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

Site Description: The site is comprised of one parcel of land at 218 Front Street/171 York Street in the Vinegar Hill neighborhood of Brooklyn. The Site is approximately 1.13 acres in size, identified as Block 55, Lot 20. Block 55 is bordered by Front Street to the north, by Gold Street to the east, by York Street to the south, and by Bridge Street to the west. The former holder station operated from 1867 to 1935, then was subsequently used as a parking lot, warehousing, and lumber and building material storage.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, 224063) at:
<https://www.dec.ny.gov/cfm/xtapps/derexternal/index.cfm?pageid=3>

Summary of the Investigation: The primary contaminants of concern were benzene, ethylbenzene, toluene and xylene (also known as BTEX), and naphthalene. Investigation of groundwater and soil conducted at the site showed elevated concentrations of BTEX contaminants and naphthalene within Holder No. 5. No MGP impacts were identified outside the holder. In addition, chlorinated solvents (1,2-dichloroethene, tetrachloroethene [PCE] and trichloroethene [TCE])

were detected in one off-site monitoring well. Chlorinated solvents are not related to the former MGP operations.

Manufactured Gas Plant (MGP) Program Overview: New York's MGP Program oversees the investigation and cleanup of former MGP sites. Sites where contamination has been released to the environment go through a process of investigation, evaluation, cleanup and 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 in streetlights.

For more information about the MGPs, visit:
<https://www.dec.ny.gov/chemical/8430.html>

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:
<https://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: <https://www.dec.ny.gov/pubs/109457.html>

MANUFACTURED GAS PLANT PROGRAM

Site Location Map

