



# FACT SHEET

## Manufactured Gas Plant Program

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

**Site Name:** K-Front Street Holder Station  
**DEC Site #:** 224063  
**Address:** 218 Front Street  
Brooklyn, NY 11201

Have questions?  
See  
"Who to Contact"  
Below

### Remedy Proposed for Manufactured Gas Plant Site; Public Comment Period and Public Meeting Announced

**Public Meeting, Wednesday October 18, 2017 at 7:00 PM**

**P.S. 287, Bailey K. Ashford, 50 Navy Street, Brooklyn, NY**

NYSDEC invites you to a public meeting to discuss the 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 remedial action plan proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the K-Front St. Holder Station site ("site") located at 218 Front St., Brooklyn, NY. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

#### How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **October 12, 2017** through **November 11, 2017**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the "Who to Contact" area below.

#### Proposed Remedial Action Plan

The remedy proposed for the site includes:

- An environmental easement to be placed on the site, which will allow the use and development of the controlled property for commercial and industrial uses; and
- An interim site management plan to be established, which will detail the requirements for future excavations at the site. This plan will also require that, when the site becomes accessible, the responsible party will conduct further investigation and, if required, develop a remedy for the site.

### *Summary of the Site Characterization*

Manufactured Gas Plant (MGP)-residuals in the ground within two former underground holder tank foundations have contributed to the environmental impacts to both soil and groundwater (within tank) due to former gas holder station operations. These included naphthalene, xylene, and several Polycyclic Aromatic Hydrocarbons (PAHs).

Groundwater (perched) collected from within one of the on-site holder tanks exceeds standards and guidance values for benzene, toluene, ethylbenzene, xylene, 1,2,4-trimethylbenzene, isopropylbenzene, naphthalene, poly cyclic aromatic hydrocarbons (PAHs), and several inorganics. In addition, naphthalene and 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.

### **Next Steps**

NYSDEC will consider public comments as it finalizes the 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.

### **Background**

**Location:** The Front Street Holder Station site is comprised of one parcel of land located at #218 Front Street in the Vinegar Hill neighborhood of Brooklyn, NY. The site is 1.13 acres in size and 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.

**Site Features:** The main site features are a one-story warehouse and three open-air buildings which cover approximately 90 percent of the site. The rest of the property is unpaved and used for loading and unloading of materials in the active lumber yard, which is accessed from York Street.

**Current Zoning/Use:** The site is currently zoned for C2-4/R6A, which allows for residential, commercial and light industrial uses. The actual use is commercial with an active lumber yard and warehouse. The nearest residential area is directly adjacent to the site at the northwest and southeast site boundaries.

**Past Use of the Site:** The site was used as a holder station for manufactured gas and was associated with the Brooklyn Gas Light Works, located on the East River, between Hudson Avenue and the Brooklyn Navy Yard. The site consisted of two water-sealed gas holders, identified as Holder No. 4 and Holder No. 5 (Holder Nos. 1, 2 and 3 were located at the nearby Plymouth Street Holder Station). The first gas holder (No. 4) was constructed circa 1867, and the second gas holder (No. 5) was constructed around 1890 in the southwestern portion of the site. The aboveground portion of both holders were removed between 1935 and 1938. There was no evidence of gas production at the site, only distribution.

**Site Geology and Hydrogeology:** The site is underlain by varying amounts of fill which is underlain by natural deposits of fine to coarse sand with gravel and cobbles. Material within the holder tanks is primarily fill consisting of sands and gravel and varying amounts of brick, concrete and wood.

Regional groundwater occurs at a depth of approximately 40 feet below grade with net flow to the north towards the East River. Groundwater within the holder tanks is not hydraulically connected to regional groundwater.

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

<http://www.dec.ny.gov/cfm/x/xtapps/derexternal/haz/details.cfm?pageid=3&progno=224063>

### About the 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 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 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](http://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.

Brooklyn Community Board 2  
Attn: Robert Perris  
350 Jay Street, 8th Floor  
Brooklyn, NY 11201  
Phone: 718-596-5410  
Email: cb2k@nyc.rr.com

Brooklyn Public Library  
Brooklyn Heights Branch  
109 Remsen Street  
Brooklyn, NY 11201  
Phone: 718-623-7100

### Who to Contact

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

#### Project Related Questions

Scott Deyette  
NYS Dept. of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7014  
Tel: 518-402-9662  
Email: scott.deyette@dec.ny.gov

#### Site-Related Health Questions

Arunesh Ghosh  
New York State Department of Health  
Bureau of Environmental Exposure Investigation  
Corning Tower, Room 1739  
Empire State Plaza  
Albany, NY 12237  
Tel: 518-402-7860  
Email: BEEI@health.ny.gov

**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.

