



Department of
Environmental
Conservation

FACT SHEET

Brownfield Cleanup Program

473 President Street
473 President Street
Brooklyn, NY 11215

SITE No. C224220
NYSDEC REGION 2

September 2019

Report Recommends Cleanup of Brownfield Site Contamination

Where to Find Information:
*Project documents are available at these
location(s) to help the public stay informed.*

Carroll Gardens Branch Library

396 Clinton Street
Brooklyn, NY 11231
Phone: 718-596-6972

Hours: Mon, Thu-Fri 10am-6pm; Tue-Wed
10am-8pm; Sat 10:00am-5pm

Brooklyn Community Board 6

250 Baltic Street
Brooklyn, NY 11201-6401
(212) 319-3750
Call for Appointment

Who to Contact:

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

Project-Related Questions

Melissa Sweet, Project Manager
NYSDEC, Central Office
625 Broadway
Albany, NY 12233-7015
(518) 402-9614
melissa.sweet@dec.ny.gov

Public Health questions:

Angela Martin
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
(518) 402-7860
bee@health.ny.gov

For more information about New York's
Brownfield Cleanup Program, visit:
www.dec.ny.gov/chemical/8450.html

The New York State Department of Environmental Conservation (NYSDEC) is reviewing the Remedial Investigation Report for the 473 President Street site ("site") located at 473 President Street in 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 to the left under "Where to Find Information."

Remedial Investigation Report: The Remedial Investigation Report (RIR) describes the results of the site investigation and recommends development of a remedy to address the contamination that was found. The RIR was submitted by Langan Engineering on behalf of MCP President Street LLC ("applicant(s)").

Based on the findings of the investigation, NYSDEC, in consultation with the New York State Department of Health (NYSDOH), has determined that the site poses a significant threat to public health or the environment. This decision is based on environmental data that indicates the potential for human exposure to site-related contaminants via soil vapor intrusion.

Highlights of the Remedial Investigation Report: The contaminants that exceed unrestricted soil cleanup objectives (SCOs) in soil include petroleum-related volatile organic compounds (VOCs), chlorinated VOCs-trichloroethene (TCE) and cis-1,2-dichloroethene (DCE), polycyclic aromatic hydrocarbons (PAHs), and metals (e.g. mercury, lead, arsenic, chromium). Additionally, approximately 14 feet of the top layer of the soil is historic fill which is characterized by concentrations of PAHs and metals generally in exceedance of the SCOs, although the depth varies by location. The deeper native soils generally do not exceed SCOs, although in the northern portion, near a suspected former gasoline tank, exceedances of the standard for VOCs, both petroleum-related and chlorinated, are observed.

The contaminants that exceeded standards in groundwater include petroleum-related VOCs, chlorinated VOCs- TCE, cis-1,2-DCE, and vinyl chloride (VC), PAHs, and metals (e.g. antimony, arsenic, magnesium, selenium, and zinc). Groundwater generally flows to the west in the direction of the Gowanus Canal. TCE, DCE and vinyl chloride are present throughout the site although at higher concentrations in the northern portion of the site, especially at deeper depths. PAHs and metals in exceedance of the standard are more prevalent in northern portion of the site.

The contaminants of concern for soil vapor are tetrachloroethene (PCE), TCE, and DCE. TCE exceeded Air Guideline Values for indoor air throughout the site.

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Interim Remedial Measure (IRM) Highlights:

An IRM was implemented at the site upon receipt of indoor air results. Several air purifying carbon filtration units were placed within the portion of the building occupied by the bicycle tour/storage/repair company to mitigate indoor air concentrations for chlorinated VOCs. After placement of the units, the indoor air was re-tested and found to still exceed air guideline values. Additional air purifying units were placed and the indoor air re-tested, but still found to exceed air guideline values. The tenant was asked to no longer occupy the space for long periods of time and the air purifying units were left in place. The units will remain as long as a tenant leases the space, or until a final remedy to address vapor intrusion is implemented.

Next Steps: NYSDEC will complete its review, make any necessary revisions and, if appropriate, approve the investigation report. The approved report will be made available to the public (see "Where to Find Information" at left). The applicant(s) may then develop a cleanup plan, called a "Remedial Work Plan." This plan describes how contamination will be addressed, with NYSDEC and NYSDOH overseeing the work. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 45-day comment period. NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Site Description: The site is located at 473 President Street in the Gowanus neighborhood of Brooklyn, NY, and is identified as the southern portion of New York City Tax Block 440, Lot 12. The northern half of Lot 12 is not part of the site. The site is 20,000 square feet (0.46 acres) of warehouse with the eastern portion being used for bicycle storage and the western portion being vacant. It is approximately 350 ft to the east of the Gowanus Canal. Based on previous studies, historic uses of the site have included: sash and door factory, a trim and planning mill with a machine shop, a soda bottling company, a metal

manufacturing company, and a warehouse. A Site Location Map is attached. Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, C224220) at:

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

Brownfield Cleanup Program: New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses include recreation, housing, business or other uses. A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by NYSDEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit:

<http://www.dec.ny.gov/chemical/8450.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.

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 at:

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 have already signed up and received this fact sheet electronically.

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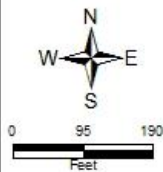


Figure 1
Site Map
473 President Street
Brooklyn, NY
Site No. C224220