



Department of
Environmental
Conservation

Where to Find Information

Access project documents through the DECinfo Locator
<https://www.dec.ny.gov/data/DecDocs/C224219/>
and at these location(s):

Brooklyn Public Library – Carroll Gardens Library
396 Clinton Street
Brooklyn, NY 11231
(718) 596-6972

Brooklyn Community Board #6
250 Baltic Street
Brooklyn, NY 11201
(718) 643-3027

*(*Repositories are temporarily unavailable due to COVID-19 precautions. If you cannot access the online repository, please contact the NYSDEC project manager listed below for assistance)*

Who to Contact

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

Project-related Questions

Nigel Crawford P.E., Project Manager
NYSDEC, Region 2 Office
47-40 21st Street
Long Island City, NY 11101
(718) 482-7778
nigel.crawford@dec.ny.gov

Project-related Health Questions

Angela Martin
NYSDOH
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
(518) 473-4671
bee@health.state.ny.us

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

FACT SHEET

Brownfield Cleanup Program

450 Union Street
Brooklyn, NY 11231

November 2020

SITE No. C224219
NYSDEC REGION 2

Cleanup Action Completed at Brownfield Site

Action has been completed to address the contamination at the 450 Union Street Brownfield Cleanup Program (BCP) site, located at 450 Union Street in Brooklyn, New York (the "site"). Please see the map for the site location.

Cleanup activities were performed by 450 Union LLC and 450 Union Developer LLC ("Volunteers") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC). The Volunteers submitted a draft Final Engineering Report (FER) for NYSDEC review which states that cleanup requirements have been achieved to fully protect public health and the environment for the proposed site use.

- Access project documents online through the DECinfo Locator:
<https://www.dec.ny.gov/data/DecDocs/C224219/>.
- The documents will also be available at the locations identified at left under "Where to Find Information."

Highlights of the Site Cleanup: The following activities have been completed to achieve the remedial action objectives:

- Excavation and off-site disposal of approximately 990 cubic yards of contaminated historic fill material, approximately 18 cubic yards of hazardous lead soil, and approximately 640 cubic yards of excess drill cuttings/grout overflow from pile installation for a concrete high-level relieving platform associated with a new bulkhead/contaminant barrier.
- Decommissioning and removal of one underground storage tank (UST).
- Collection and analysis of remedial performance/documentation soil samples to document remaining contamination and confirm removal of hazardous lead soil and contaminated soil around the UST.
- Installation of a watertight, steel sheet pile bulkhead/contaminant barrier with a pile-supported, reinforced concrete high-level relieving platform between the eastern part of the site and the Gowanus Canal.
- Implementation of a dense non-aqueous phase liquid (DNAPL) recovery program, which includes two recovery wells, and a bulkhead monitoring program.
- Restoration of the site cover with concrete, asphalt, and/or landscaped surfaces.
- Development of a Site Management Plan (SMP) for long-term management of residual contamination as required by the Environmental Easement, including plans for: (1) Institutional and Engineering Controls (IC/ECs); (2) monitoring; (3) operation and maintenance; and (4) reporting.
- An Environmental Easement was recorded to prevent future exposure to any contamination remaining at the site and to ensure implementation of the SMP.

BROWNFIELD CLEANUP PROGRAM

Next Steps: When NYSDEC approves the FER, it will be made available to the public (see "Where to Find Information"). NYSDEC then will issue a Certificate of Completion (COC) that will be announced in a fact sheet. The Volunteers will be able to redevelop the site after receiving a COC. In addition, the Volunteers will be eligible for tax credits to offset a portion of the costs of performing cleanup activities and for redevelopment of the site.

A COC may be modified or revoked if, for example, an applicant does not comply with the terms of its Brownfield Cleanup Agreement with NYSDEC.

Site Description and Background: The approximately 28,500 square foot site is located at 450 Union Street in the Gowanus neighborhood of Brooklyn and is identified as Block 438 and Lot 7 on the Brooklyn Tax Map. The site is bounded by Union Street to the north, the Gowanus Canal to the east, car and bus parking to the south, and Bond Street to the west. Historical site uses included coal and wood storage (1886 to 1928), granite works (1915), die casting and electroplating (1922), vehicle repair (1918 to 1930), fuel storage and vehicle repair (1931), and a foundry (1930 to 2007). The site is currently being used as a private event space and restaurant with seasonal outdoor space.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the site ID, C224219) at:

<https://www.dec.ny.gov/cfm/externalapps/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 may 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:

<https://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.

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

BROWNFIELD CLEANUP PROGRAM

Site Location

