



FACT SHEET Environmental Restoration Program

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

Site Name: Barretto Point
DEC Site #: B00032
Address: 1121 Viele Avenue & 1240 Viele Avenue
Bronx, NY 10474

Have questions? See "Who to Contact" Below

NYSDEC Certifies Cleanup Requirements Achieved at Municipal Brownfield Site; Final Engineering Report Approved

The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup requirements to address contamination related to the Barretto Point site ("Site") located at 1121 Viele Avenue & 1240 Viele Avenue, Bronx, NY under New York State's Environmental Restoration Program have been or will be met. Please see the map for the Site location.

NYSDEC has issued a Certificate of Completion (COC) regarding the Site. A copy of the COC is available at the location(s) identified below under "Where to Find Information."

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

http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=B00032

The cleanup activities were performed by NYC Department of Environmental Protection with oversight provided by NYSDEC.

Completion of Project

The major components of the final remedial action implemented at the Site included:

- Excavation and off-site disposal of approximately 14,826 cubic yards of contaminated soil from the former paint and varnish manufacturing facility.
The excavated area encompassing approximately 2.5 acres was underlain with a demarcation barrier and covered with at least 18 inches of clean soil and 6 inches of crushed stone in accordance with 6 NYCRR Part 375. This will limit direct exposures to any remaining contamination in the subsurface soils.
The 6.52-acre Barretto Point Park area was underlain with a demarcation barrier and covered with at least 2 feet of clean soil. This will limit direct exposures to any remaining contamination in the subsurface soils.

- An additional 4.2 acres remains covered with the existing cover material that consists of vegetative cover, existing fill, asphalt and/or gravel which meets industrial use criteria and will be suitable for the future expansion of the Hunts Point Water Pollution Control Plant. In the interim, this will limit direct exposures to any remaining contamination in the subsurface soils.

Final Engineering Report Approved

NYSDEC has approved the Final Engineering Report, which:

- 1) Describes the cleanup activities completed.
- 2) Certifies that cleanup requirements have been or will be achieved for the Site.
- 3) Describes any institutional/engineering controls to be used. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.
- 4) Certifies that a site management plan for any engineering controls used at the Site has been approved by NYSDEC.

The following institutional controls have been or will be put in place on the Site:

- Site Management Plan
- Environmental Easement
- Institutional Control/Engineering Control Plan
- Groundwater Use Restriction
- Land Use Restriction

The following engineering controls have been or will be put in place on the Site:

- Cover System
- Fencing/Access Control

Background

Location:

The Barretto Point Environmental Restoration Site consists of a 13.22-acre City-owned waterfront parcel in a predominantly industrialized area of the South Bronx (Hunts Point) and is located at 1121 and 1240 Viele Avenue, Bronx, NY, immediately adjacent to the Hunts Point Sewage Treatment Plant. The Site is somewhat remote from residential population centers in Hunts Point in an area dominated by solid waste transfer stations and other commercial uses.

Site Features:

The property is completely fenced. Approximately 6.52 acres in the northwestern portion of the site has been redeveloped and is now the location of the Barretto Point Park. The remainder of the Site is covered with either 2 feet of clean soil, vegetation, or a layer of asphalt and/or gravel and is vacant except for construction trailers associated with the Hunts Point Water Pollution Control Plant upgrade project.

Current Zoning/Use:

The northwestern portion of the Site is being used as a park (Barretto Point Park) and is zoned for

Past Use of the Site:

Most of the northwest portion of the Site was the location of a former sand and gravel operation. An asphalt plant was located in the southwest corner of Barretto Street and Ryawa Avenue, and framed coal pockets (structures likely used for the storage of coal) were located to the west along the East River. In the northeastern portion of the Site, industries included a paint and varnish manufacturing facility. By 1991, the structures mentioned above were no longer present on the Site. As a result of these historic operations, on-site soils were contaminated with elevated levels of volatile organic compounds (VOCs), polyaromatic hydrocarbons (PAHs) and metals.

Site Geology and Hydrogeology:

The Site is underlain by fill material, till deposits and weathered bedrock. Fill material ranges in thickness from one to more than 15 feet, and is generally comprised of a mixture of sand, silt, gravel and cobbles with varying amounts of construction and demolition debris (including concrete, bricks, asphalt, wood, scrap metal, tires, plastic, cloth, paper, glass, cinders and/or ash). Beneath the fill, the Site is generally underlain by poorly to moderately graded compacted till which ranges in thickness from approximately 6 to 20 feet, and consists of fine to medium sand, silt and fine to coarse gravel with trace amounts of clay. The depth to groundwater at this Site ranges from 8 to 18 feet below ground surface. The groundwater flow direction is predominantly to the southwest toward the East River.

Environmental Restoration Program: New York's Environmental Restoration Program (ERP) reimburses municipalities for their costs to investigate and clean up municipality owned contaminated properties. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

A brownfield is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the ERP, visit: <http://www.dec.ny.gov/chemical/8444.html>

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

New York City Department of Environmental Protection
Attn: Matthew Osit
96-05 Horace Harding Expressway
Corona, NY 11368
Phone: 718-595-6077

New York Public Library
877 Southern Boulevard
Bronx, NY 10459
Phone: 718-617-0338

Who to Contact

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

Project-Related Questions

Ronnie Lee
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7016
Tel: 518-402-9767
Email: ronnie.lee@dec.ny.gov

Site-Related Health Questions

Dawn Hettrick, P.E.
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza - Corning Tower Room 1787
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.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Figure 1 Site Location

Barretto Point
1121 Viale Avenue & 1240 Viale Avenue
Bronx County
Site No. B00032

