



FACT SHEET

State Superfund Program

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

Site Name: Nu-Clear Dry Cleaners
DEC Site #: 130221
Address: 180 East Park Avenue
Long Beach, NY 11561

Have questions?
See
"Who to Contact"
Below

Investigation to Begin at State Superfund Site

The NYS Department of Environmental Conservation (NYSDEC) will soon begin a detailed environmental study at the Nu-Clear Dry Cleaners site ("site") located at 180 East Park Avenue, Long Beach, Nassau County. 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."

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

Investigation Work Plan

The investigation work plan, called a "Remedial Investigation Work Plan / Scope of Work," was developed under New York's State Superfund Program. NYS Department of Environmental Conservation will perform the investigation which will assess conditions on-site (and, if appropriate, off-site).

Highlights of the Site Investigation

The purpose of the investigation is to define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected. The site investigation will fully characterize all contamination at the site.

The site investigation has several goals:

- 1) define the nature and extent of contamination in soil, soil vapor, groundwater and any other parts of the environment that may be affected,
- 2) identify the source(s) of the contamination,
- 3) assess the impact of the contamination on public health and the environment,
- 4) provide information to support the development of a proposed remedy to address the contamination.

To accomplish these goals, the following investigated activities will be conducted by the property owner to supplement the nature and extent of known contamination that was identified during previously implemented site investigations.

- Geophysical survey and utility clearance to identify potential subsurface utilities and/or obstructions prior to conducting intrusive work at the Site;
- Completion of four (4) soil borings; two (2) inside the Site building and two (2) outside the Site building;
- Installation, development, and baseline sampling of three (3) monitoring wells (MW-9, 10 and 11);
- Collection of one complete round of groundwater samples from all Site monitoring wells; and,
- Evaluation of the feasibility of remedial alternatives appropriate for the Site.

The above outlined investigation will be performed by the Responsible Party's Environmental Engineer with oversight by NYSDEC and the New York State Department of Health (NYSDOH).

Note: A comprehensive soil vapor intrusion investigation has been conducted by the property owner in accordance with a separate Work Plan approved by NYSDEC and NY Department of Health. The results of which will be presented as part of the Remedial Investigation Report. Based on the results of the investigation, additional sampling may be required.

Next Steps

The information collected during the investigation will be summarized in a report. After the site investigation has begun, NYS Department of Environmental Conservation will conduct a "Feasibility Study". This study uses information developed during the site investigation to develop and evaluate potential ways to clean up contamination related to the site. The information collected during the site investigation may also support the conclusion that no action, or no further action, is needed to address site-related contamination.

NYSDEC will then develop a draft cleanup plan, called a "Proposed Remedial Action Plan". This plan describes the remedy preferred by NYSDEC, or, if warranted, a no action or no further action alternative. The draft cleanup plan explains the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan will be to ensure the protection of public health and the environment. NYSDEC will announce the draft cleanup plan in a future fact sheet, and will present it to the public for its review and comment during a 30-day comment period and at a public meeting.

Background

Location: Nu-Clear Cleaners (Nu-Clear) operates a standalone commercial dry cleaning facility at 180 East Park Avenue, in the City of Long Beach, Nassau County. The site is defined on the Nassau County Tax Assessor records as Section 59, Block 110, Lots 32-35.

Site Features: The site is located in a highly urbanized area of the City of Long Beach, which is situated approximately in the center of a barrier island located on the southwest shore of Long

Island. The site is bordered to the north by East Park Avenue, to the east by Long Beach Boulevard, to the south by a municipally owned paved parking area, and to the west by private commercial/retail property. The site covers approximately 0.7 acres, and includes a one-story masonry building housing a commercial office and dry-cleaning operation. The remainder of the site is covered with asphalt or concrete pavement. Topography in the vicinity of the site is generally flat, with elevations generally less than 10 feet above mean sea level (ft-msl).

Current Zoning/Use(s): This site is currently zoned for commercial use.

Historic Use(s) and Source(s): Nu-Clear Cleaners has operated at the site as a commercial dry cleaning facility for approximately 60 years. It is currently using tetrachloroethylene (PCE) as part of its dry cleaning operations.

Site Geology/Hydrogeology: The barrier island, on which the City of Long Beach is located, lies within the Atlantic Coastal Plain Province, which extends beneath the Atlantic Ocean about 100 miles offshore to the edge of the continental shelf. The area is underlain by several unconsolidated deposits of sand, gravel, and clay that were laid down in parallel beds on the surface of hard, crystalline bedrock.

Groundwater in the shallow, unconsolidated sediments is generally encountered at a depth of approximately 6 feet beneath ground surface (ft-bgs). Based on the data collected during a July 2015 groundwater sampling event, the direction of groundwater flow appeared to be toward the east/northeast; however, it is likely that the gradient and direction of groundwater flow is influenced by tidal conditions typical of a barrier island setting like Long Beach. Additional groundwater measurements are necessary to understand the prevailing direction of groundwater flow.

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=130221>

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: <http://www.dec.ny.gov/chemical/8439.html>

FOR MORE INFORMATION

Where to Find Information

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

Long Beach Public Library
111 West Park Avenue
Long Beach, NY 11561
phone: 516-432-7201

Who to Contact

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

Project Related Questions

John Sheehan
Department of Environmental Conservation
Division of Environmental Remediation
SUNY at Stony Brook 50 Circle Road
Stony Brook, NY 11790-3409
631-444-0244
john.sheehan@dec.ny.gov

Site-Related Health Questions

Steven Karpinski
New York State Department of Health
Empire State Plaza Corning Tower, Room 1787
Albany, NY 12237
516-402-7860
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.

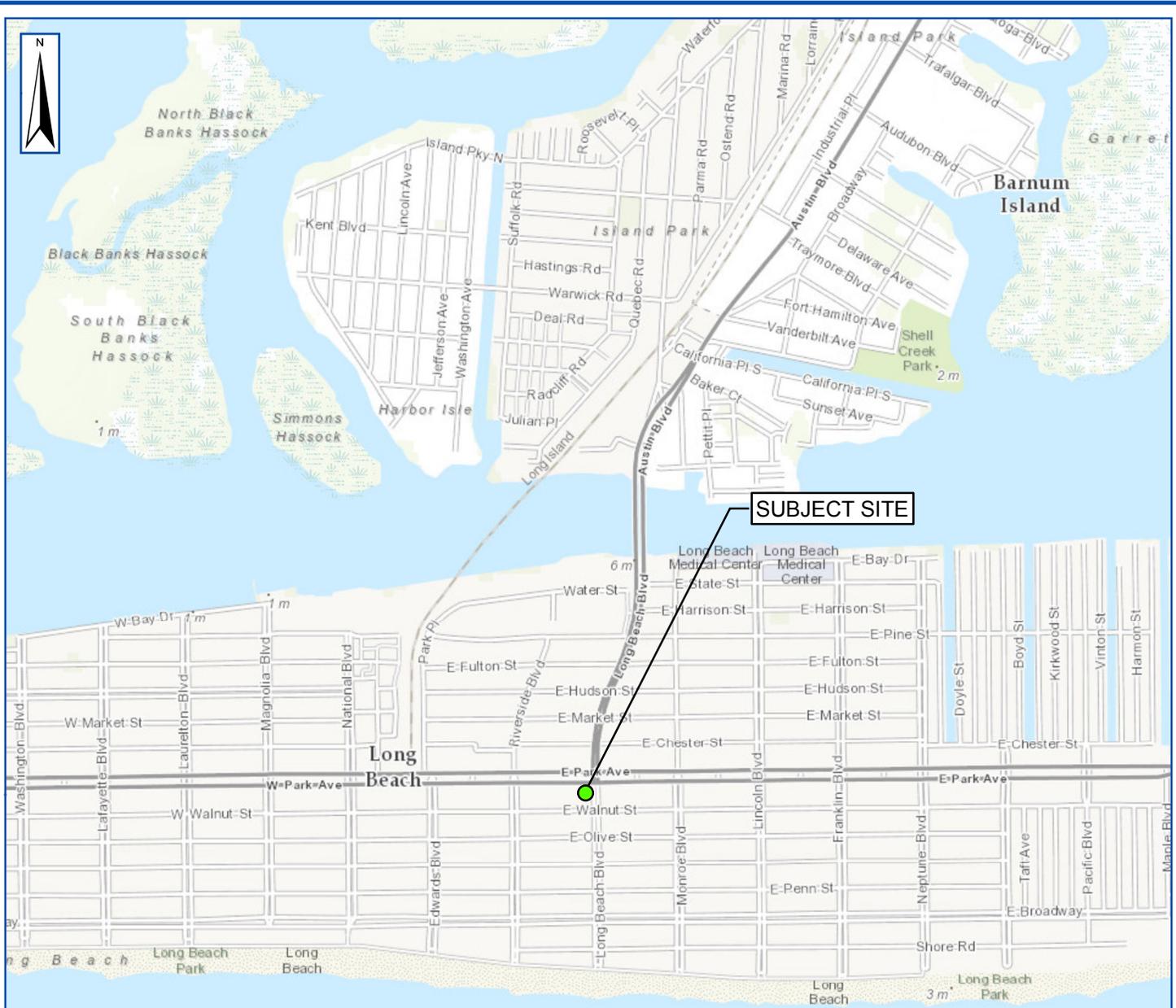
Receive Site Fact Sheets by Email

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*.



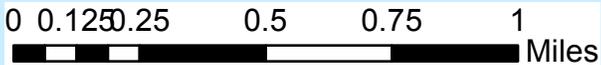
As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



SUBJECT SITE

SITE VICINITY MAP
180 EAST PARK AVE,
LONG BEACH NY



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