



FACT SHEET State Superfund Program

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

Site Name: Meeker Avenue Plume Trackdown
DEC Site #: 224121
Address: Meeker Avenue
Brooklyn, NY 11222

Have questions? See "Who to Contact" Below

Investigation Continues at State Superfund Site REVISED Public Availability Session Announced

This Fact Sheet is being reissued to address concerns of the community that the Public Availability Session was not being held within the local community. Therefore, the date and location of the Public Availability Session is being moved to Thursday, 12/01/16 from 2:00 - 4:00PM, 6:00 - 8:00PM. Located at the Polish & Slavic Center, 176 Java Street, Brooklyn, NY.
NYSDEC invites you to an availability session to discuss the continuing investigation of the site.
NYSDEC will be available to provide information about the study and answer your questions.

The New York State Department of Environmental Conservation (NYSDEC) is continuing a detailed environmental study at the Meeker Avenue Plume Trackdown site ("Site") located in the Meeker Avenue area, Brooklyn. Please see the map for the Site location. Documents related to the investigation of this Site can be found at the location(s) identified below under "Where to Find Information." This fact sheet is announcing a Public Availability Session at which NYSDEC will be available to answer questions and update interested parties on the investigations in the area.

Investigation Work Plan

The investigation work plan, called a "Site Characterization Work Plan / Scope of Work," was developed under New York's State Superfund (SSF) Program. The NYSDEC will continue to perform the investigation of the plume trackdown study area which will assess conditions on-Site (and, if appropriate, off-Site).

Highlights of the Site Investigation

The purpose of the investigation is to identify sources of chlorinated solvent contamination within the study area. The investigation will address contamination found in soil, soil vapor and groundwater.

The initial work undertaken by NYSDEC during 2007 - 2009 identified four source areas of chlorinated solvent contamination: (1) Former Spic and Span Cleaners & Dyers (ID No. 224129); (2) Former Klink Cosmo Cleaners (ID No. 224130); (3) ACME Steel - Metal Works (ID No. 224131); and (4) ACME Steel - Brass Foundry (ID No. 224132). Subsequent work completed by NYSDEC from 2011 - 2014 identified two additional source areas: (5) Former Lombardy Street Soap and Lacquer Mfg. (ID No. 224182); and (6) Former Goodman Brothers Steel Drum Co. (ID No. 224211). Each of these locations have been listed on New York State's Registry of Inactive Hazardous Waste Disposal Sites (Registry) as a Class 2 site (site poses a significant threat to human health and the environment). Additional investigations are continuing in order to identify additional sources of contamination.

Soil Vapor Intrusion (SVI) investigations have been conducted jointly by NYSDEC and the New York State Department of Health during every heating season from 2008 - 2014. Numerous residential mitigation systems have been installed by NYSDEC as a result of these investigations. NYSDEC will continue to offer SVI sampling to property owners within the boundary of the investigation area upon request.

### **Next Steps**

The information collected during the investigation will be summarized in a report. After the site investigation has been completed, NYSDEC will list any additional source areas of contamination on the Registry as a Class 2 site).

For each site that is listed as a Class 2 site the NYSDEC will reach out to all present and past owners/operators of the properties (called Potentially Responsible Parties or PRPs). The purpose of this outreach will be to offer PRPs the opportunity to enter into a Consent Order with the NYSDEC to conduct a more detailed investigation of the property (called a Remedial Investigation or RI) for the purpose of fully delineating the nature and extent of contamination at and around the property. If no PRPs sign a Consent Order, the NYSDEC will conduct the Remedial Investigation (RI) using State funds under the SSF.

### **Background**

Location:

The Site is located in the Greenpoint and East Williamsburg sections of Brooklyn. The area currently being investigated is bounded by the former Mobil Brooklyn Refinery/current British Petroleum (BP) Terminal to the north along Norman Avenue and Bridgewater Street, Newtown Creek to the east, Lombardy and Withers Streets to the south, and Kingsland (aka Grandparents) Avenue to the west.

Site Features:

The elevated Brooklyn-Queens Expressway (I-278) bisects the Site. Residential areas are located in both the northwest and southern portions of the investigation area. The rest of the area is primarily used for both commercial and industrial purposes, and includes a little league ballfield complex.

Current Zoning and Land Use:

The Site is zoned for commercial, manufacturing, and residential uses. Buildings where mixed use exists generally have commercial space on the 1st floor, and residential space above.

Past Use of the Site:

Investigations conducted by the Exxon Mobil Corporation and the New York State Department of Transportation between 2005 and 2006 indicated the presence of chlorinated

volatile organic compounds (CVOCs) (primarily tetrachloroethene and trichloroethene) in soil, soil vapor and groundwater at several locations throughout the study area immediately adjacent to the Exxon Mobil petroleum plume. Based on this information, the NYSDEC began investigations in order to determine the source(s) of this CVOC contamination.

To date, six (6) distinct sources of contamination have been identified and listed on the Registry as Class 2 sites. Based on investigations conducted to date, two (2) additional areas of interest exist within the area and will have additional investigation work performed by the NYSDEC. These areas are located within the area bounded by Morgan Avenue to the west, Norman Avenue/Bridgewater Street to the north, Meeker Avenue to the east, and Nassau Avenue to the south; and the area south of Beadel Street west of Vandervoort Avenue.

#### Site Geology and Hydrogeology:

The Site is underlain by a fill unit (0.5-11' thick); below the fill unit, in descending order, are the following geologic units, with varying thicknesses throughout the Site - a sandy unit or a silty sand unit (depending on the location), a discontinuous clayey silt unit or a discontinuous glacial till unit (depending on the location), a sand and gravel unit, and the Raritan Formation (located 108-138' below ground surface).

Groundwater generally flows towards the northeast, in the direction of Newtown Creek. Depth to water ranges from 11 - 55' below ground surface.

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

<http://www.dec.ny.gov/cfm/external/derexternal/haz/details.cfm?pageid=3&progno=224121>

**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.

Brooklyn Public Library - Greenpoint Branch  
107 Norman Avenue  
Brooklyn, NY 11222  
Tel: (718) 349-8504

Brooklyn Community Board #1  
435 Graham Avenue  
Brooklyn, NY 11222  
Tel: (718) 389-0009

### Who to Contact

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

#### Project Related Questions

David Harrington  
NYS Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway, 12<sup>th</sup> Floor  
Albany, NY 12233-7016  
Tel: (518) 402-9768  
E-mail: [david.harrington@dec.ny.gov](mailto:david.harrington@dec.ny.gov)

#### Site-Related Health Questions

Dawn Hettrick  
New York State Department of Health  
Empire State Plaza Corning Tower Room 1787  
Albany, NY 12237  
Tel: (518) 402-7860  
E-mail: [BEEI@health.ny.gov](mailto: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.**

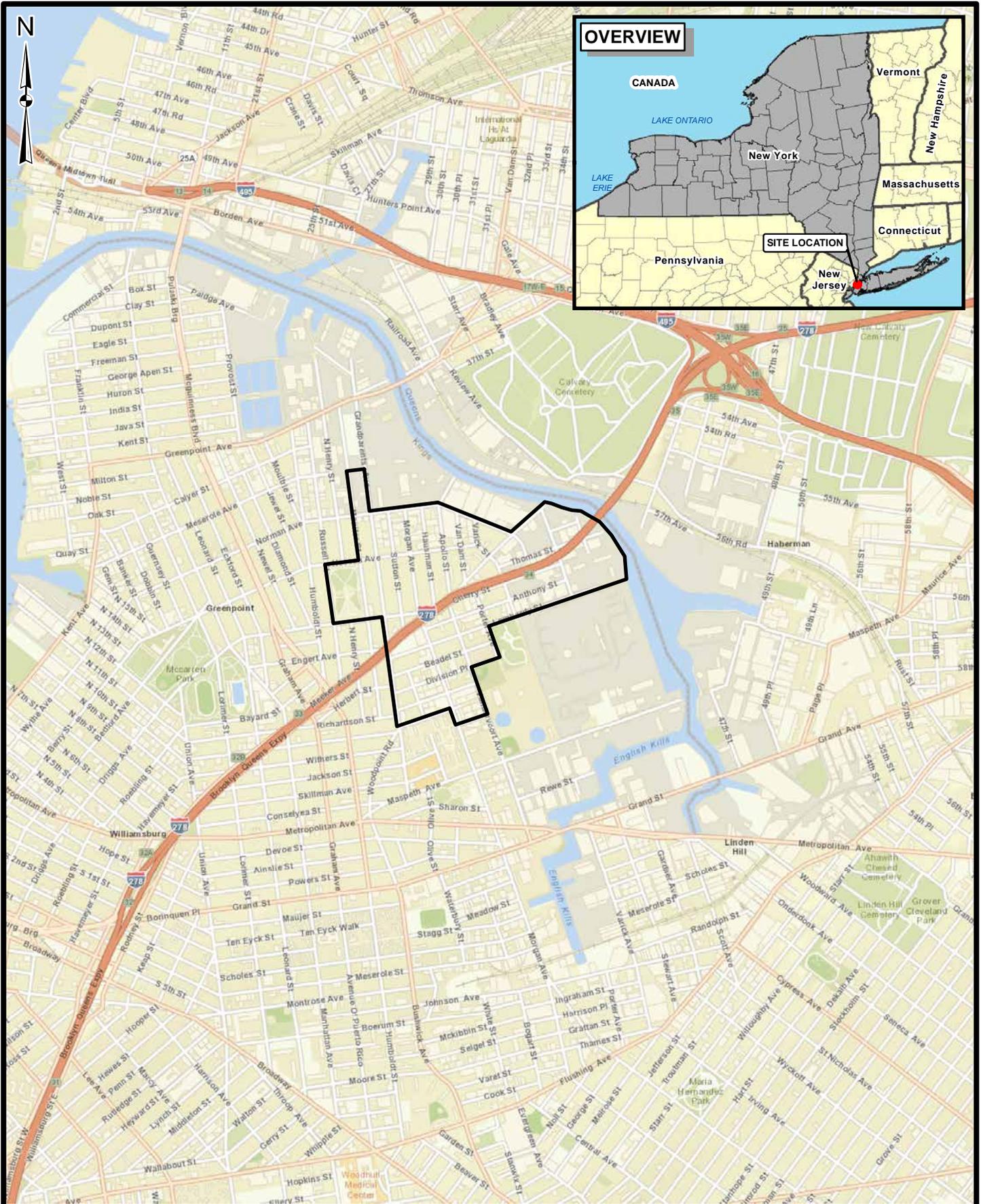
#### **Receive Site Fact Sheets by Email**

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.



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Source: ESRI World Street Map



**MEEKER AVENUE PLUME TRACKDOWN  
SITE CHARACTERIZATION - PHASE VII  
SITE LOCATION MAP**

**FIGURE 1-1**