



ENVIRONMENTAL
CONSERVATION



State of New York
Department of Health

You are invited to a

PUBLIC AVAILABILITY SESSION

on Wednesday,
November 12, 2008
2:00 p.m.- 5:00 p.m.
7:00 p.m. - 10:00 p.m.
St. Cecilia's School
1 Monitor Street
Brooklyn, NY

For more information, call:

Mr. David Harrington
NYSDEC
625 Broadway
Albany, NY 12233-7016
(888) 212-9586

For health-related
questions, call:

Ms. Dawn Hettrick
NYSDOH
547 River Street
Troy, NY 12080
(800) 458-1158 ext. 27860

October 2008 FACT SHEET Site Characterization Meeker Avenue Plume Trackdown Brooklyn, New York

You are invited to attend a public availability session on Wednesday, November 12, 2008, at St. Cecilia's School, 1 Monitor Street, Brooklyn, NY, from 2:00 pm - 5:00 pm, and from 7:00pm - 10:00 pm regarding the Site Characterization for the Meeker Avenue Plume Trackdown site (see the attached sheet for the site location map). You may come at any time during these hours. Representatives from the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) will be on hand to answer questions about the site and the recent investigation results, and to provide one-on-one meetings to discuss an individual property owner's sampling results. Those living in the vicinity of the Meeker Avenue Plume Trackdown site are encouraged to attend.

BACKGROUND

The NYSDEC and the NYSDOH are performing investigations across New York State where environmental contamination is present in soil, soil vapor, and/or groundwater. The purpose of these investigations is to identify the source(s) of this contamination. This fact sheet provides information on the investigations being conducted in your neighborhood.

The NYSDEC, in cooperation with the NYSDOH, began investigating this area in the Spring of 2007 after results from two separate investigations conducted by the Exxon Mobil Corporation and the New York State Department of Transportation documented that soil, soil gas, and groundwater at numerous locations throughout the site had been contaminated with chlorinated solvents. The primary contaminants of concern are tetrachloroethene (PCE), and trichloroethene (TCE). These compounds have historically been used for dry cleaning and removing grease from metal respectively.

INVESTIGATIONS CONDUCTED

The NYSDEC has conducted four total rounds of investigation at the site. Round 1 was initiated in May 2007, Round 2 was initiated in November 2007, Round 3 was initiated in February 2008, and Round 4 was initiated in May 2008. To date, a total of ninety-two (92) soil borings, thirty-five (35) temporary groundwater points, sixty-three (63) soil gas wells, and fifty-seven (57) groundwater monitoring wells have been installed and sampled by the NYSDEC. In addition, eighteen (18) residences participated in sub-slab/indoor air sampling.

Based on these investigations, four distinct sources of contamination have been identified by the NYSDEC (one to the north of Meeker Avenue, and three to the south of Meeker Avenue). A suspected source area east of Porter Avenue has also been identified.

In addition, a sub-slab depressurization system was installed at one of the residences participating in the sub-slab/indoor air sampling event.

NEXT STEPS

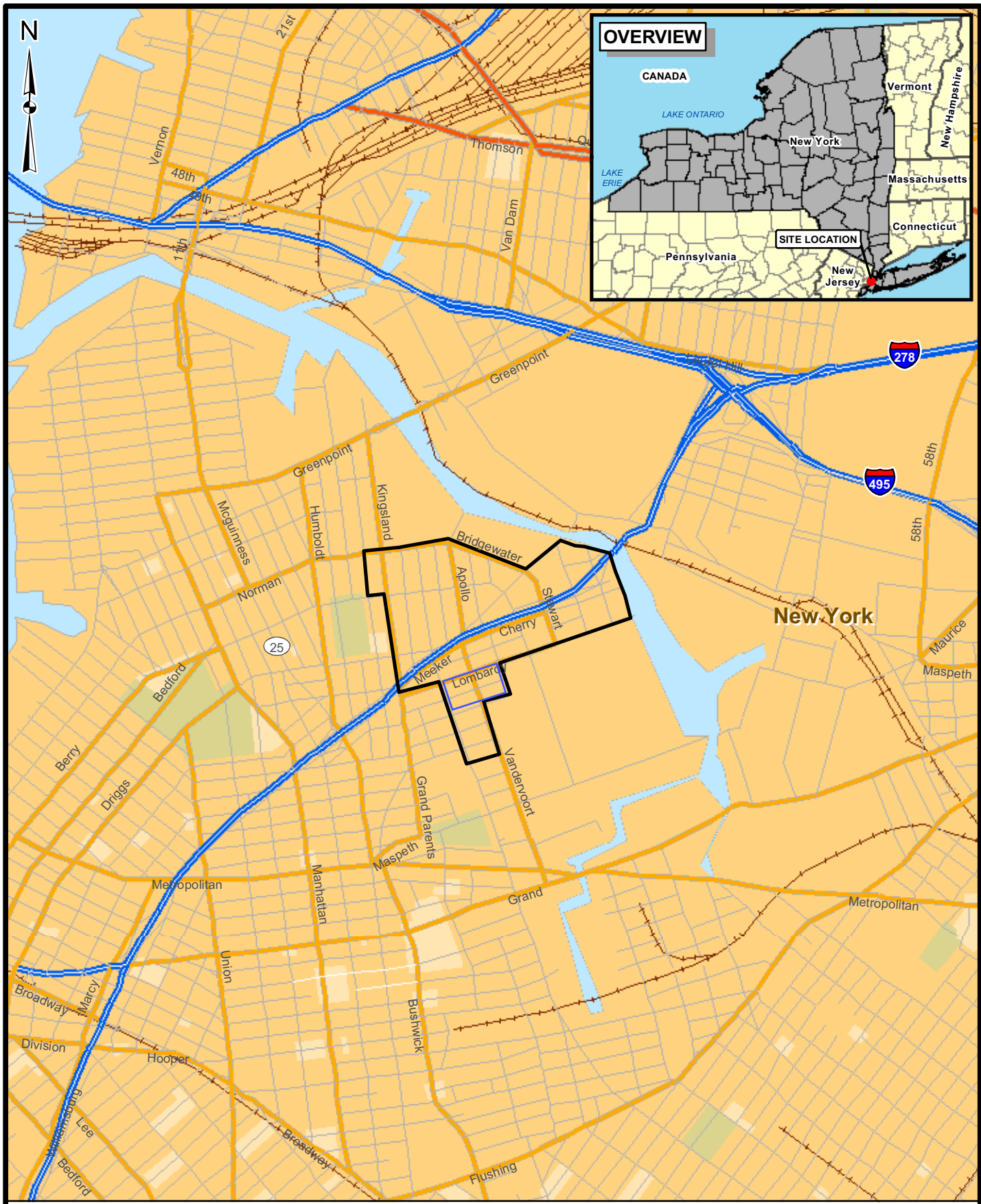
The NYSDEC will be conducting another round of investigation which will begin on November 3, 2008. This round of work will focus on identification of the source area located east of Porter Avenue. In addition, the NYSDEC and NYSDOH will be offering sub-slab/indoor air sampling free of charge to residences located in the vicinity of soil gas wells where elevated concentrations of PCE and TCE were identified. This sampling will be conducted during the 2008 - 2009 heating season (November 2008 - March 2009).

Based on the results of the sub-slab/indoor air sampling to be conducted, the NYSDEC and NYSDOH will determine if ventilation systems are needed at residences within the site area. These ventilation systems, known as sub-slab depressurization systems (SSDS), are designed to withdraw air from beneath the structure. This is an active system which promotes a pressure difference between the inside and outside of a structure. These systems essentially prevent the ability of soil vapors to enter structures. These systems are widely used to prevent radon gas from entering structures in areas where radon gas is naturally occurring in rock. If offered, the SSDS will be installed free of charge.

The NYSDEC will shortly be notifying the owners of properties that have been identified as sources of contamination. These affected parties will be given the opportunity to sign a consent order with the NYSDEC, obligating them to further investigate and remediate (cleanup) the contamination at and emanating from their site. If these parties choose not to sign an order, the NYSDEC will undertake the investigation and remediation of the site and subsequently pursue the affected party for cost recovery.

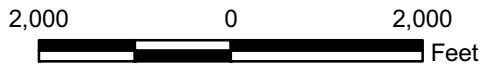
ADDITIONAL INFORMATION

You may obtain additional information by contacting one of the representatives listed on this fact sheet, or you may view project documents at the Brooklyn Public Library - Greenpoint Branch located at 107 Norman Avenue, Brooklyn (Hours of Operation: Mon, Tues, Fri: 9:00 AM to 6:00 PM; Wed: 1:00 PM to 8:00 PM; Thurs: 1:00 PM to 6:00 PM; Sa: 10:00 AM to 5:00 PM; Su: closed) or Brooklyn Community Board #1 located at 435 Graham Avenue, Brooklyn (call for an appointment @ (718) 389 - 0009). You can learn more about vapor migration on the Internet at: www.dec.state.ny.us/website/der/guidance/vapor/index.html



SOURCE:
ESRI Data and Maps

= SVI Sampling Area



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MEEKER AVENUE PLUME TRACKDOWN SITE
SITE LOCATION MAP

FIGURE 1