

(Fact Sheet Begins Next)

Act Now to Continue Receiving Information About This Site!

DEC's Division of Environmental Remediation (DER) now distributes information about contaminated sites *electronically by email*.

If you would like to continue to receive information about the contaminated site featured in this fact sheet:

You must sign up for the DER email listserv:

www.dec.ny.gov/chemical/61092.html

DER cannot register your email address - only the email address owner can do so. If you already have signed up for the listserv for the county in which the site is located, you need do nothing.



Why You Should Go “Paperless”:

- ⚙ Get site information faster and share it easily;
- ⚙ Receive information about all sites in a chosen county - read what you want, delete the rest;
- ⚙ It helps the environment and stretches your tax dollars.

If “paperless” is not an option for you, call or write to the DER project manager identified in this fact sheet. Indicate that you need to receive paper copies of fact sheets through the Postal Service. Include the site name in your correspondence. The option to receive paper is available to individuals only. Groups, organizations, businesses, and government entities are assumed to have email access.

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FACT SHEET

Brownfield Cleanup Program

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

Site Name: 2420 and 2430 Amsterdam Avenue
DEC Site #: C231088
Address: 2420 and 2430 Amsterdam Avenue
New York, NY 10033

Have questions?
See
"Who to Contact"
Below

Report Recommends Cleanup of Brownfield Site Contamination

The New York State Department of Environmental Conservation (NYSDEC) is reviewing the Remedial Investigation Report for the 2420 and 2430 Amsterdam Avenue site ("site") located at 2420 and 2430 Amsterdam Avenue, New York, NY. 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."

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
<http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3>

Remedial Investigation Report

NYSDEC is reviewing the "Remedial Investigation Report" that was submitted by YWA -Amsterdam LLC ("applicant(s)"). The report describes the results of the site investigation and recommends development of a remedy to address the contamination that was found.

Highlights of the Remedial Investigation Report

Soil, Groundwater, and Soil Vapor were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and poly-chlorinated biphenyl's (PCBs). Results indicate that VOCs and SVOCs are present at levels above the Commercial Use and/or Protection of Groundwater Soil Cleanup Objectives (CUSCOs/PGWSCO's), as applicable. The contaminants are likely from historic fill, former waste oil storage, the former gasoline service station, and former vehicle repair activities. Soil contamination associated with the former service station was found at depths below 9.5 feet below grade. Groundwater has also been impacted with concentrations of petroleum-related contaminants exceeding groundwater standards. Petroleum-related compounds were also found in on-site soil gas. One monitoring well found tetrachloroethene (PCE) at 9.8 parts per billion (standard is 5 ppb), and PCE was found in on-site soil gas at a maximum of 170 micrograms per cubic meter.

Next Steps

NYSDEC will complete its review, make any necessary revisions and, if appropriate, approve the investigation report. The approved report will be made available to the public (see “Where to Find Information” below). The applicant(s) may then develop a cleanup plan, called a "Remedial Work Plan." This plan describes how contamination will be addressed, with NYSDEC and NYSDOH overseeing the work. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 45-day comment period.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

Location: The site is comprised of two parcels on the city block bordered by West 181st Street to the north, Amsterdam Avenue to the east, West 180th Street to the south, and Audubon Avenue to the west. The site is approximately 0.76 acres in size.

Site Features: The site is occupied by a former Shell gasoline convenience store and former vehicle repair building. The former underground tanks and dispensers have been removed. The nearest surface water bodies are the Harlem River to the East, and the Hudson River to the West.

Current Zoning and Land Use: The site (Lots 83 and 77) is currently occupied by two vacant buildings and used for parking. The site is zoned as a district intended for commercial and manufacturing uses that often require large amounts of land. The zoning also has a residential component encouraging lower apartment buildings on smaller zoning lots and, on larger lots, taller buildings with less lot coverage. The intended use for the site is commercial.

Past Use of Site: The area in which the site is located has been developed since the late 1800s and originally contained residential dwellings. In 1935 the site was utilized as a bus terminal. In 1950 the site is described as a filling station with a store (potentially an auto sales office) with five gasoline tanks. From 1968 through 1977, the site is described as a gasoline station and used automobile sales. From 1978 through 2008 the site was utilized as a gasoline station and automotive repair facility. In 2008 a spill occurred on-site, which resulted in removal of over 5,000 tons of petroleum contaminated soil down to bedrock in the Northeast portion of the site. The site was divested in 2008 and was vacant until 2010, at which time the site was renovated into a Shell gasoline filling station. In 2011 the filling station's underground tanks and dispensers were removed.

Site Geology and Hydrogeology: The site is underlain by a layer of historic fill, which is comprised of fine to coarse sand with gravel, silt, clay, brick, and concrete fragments. The fill extends to depths ranging from 5 to 7 feet below grade and is underlain by glacial till consisting of fine to coarse sand with gravel, silt, and clay at depths ranging from 6 to 25 feet below grade. Below the overburden materials lies weathered bedrock consisting of Manhattan Schist. The elevation of the site is approximately 162 feet above mean sea level. Local groundwater flow direction may be influenced by local dewatering projects and new improvements including utilities. The nearest subway tunnel is 2 blocks to the west beneath St. Nicholas Ave. During the RI, shallow groundwater was found at approximately 10 feet below grade and was shown to flow to the West, following the bedrock surface which slopes to the West. Prior to the RI, regional groundwater was expected to flow in an easterly direction towards the Harlem River and reside beneath the site at approximately 100 feet below grade due to the site elevation, topography, and the site's vicinity to the Harlem River. Based on these conditions, it is possible that the groundwater found beneath the site during the RI may be perched water above the bedrock surface.

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 DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>

FOR MORE INFORMATION

Where to Find Information

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

Fort Washington Library
Attn: Kenneth Wright or Sumie Otu
535 West 179th Street
New York, NY 10033
phone: 212-927-3533

Manhattan Community Board 12
Attn: Ebenezer Smith
530 W 166th Street, 6th floor
New York, NY 10032
phone: 212-568-8500
(ebsmith@cb.nyc.gov)

Who to Contact

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

Project-Related

Questions Kyle Forster

NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7016
518-402-8644
kyle.forster@dec.ny.gov

Site-Related Health Questions

Eamonn O'Neil
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza - Corning Tower Room 1787
Albany, NY 12237
518-402-7860
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.

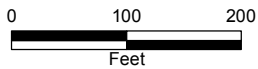


Figure 1

Site Map

2420 2430 Amsterdam Avenue
Manhattan, NY
Site No. C231088

