

(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.

This page intentionally left blank.



FACT SHEET

Brownfield Cleanup Program

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

Site Name: POP Displays Manufacturing Site
DEC Site #: C241181
Address: 30-80 12th Street and 30-77 Vernon Boulevard
Astoria, NY 11102

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 POP Displays Manufacturing Site ("site") located at 30-80 12th Street and 30-77 Vernon Boulevard, Astoria, 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/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=C241181>

Remedial Investigation Report

NYSDEC is reviewing the "Remedial Investigation Report" that was submitted. 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

A Remedial Investigation (RI) was completed in November 2016. The investigation consisted of environmental sampling and field observations to assess the nature and extent of contamination in soil, groundwater, and soil vapor. The RI found the following contamination:

Soil: Acetone was identified in one soil sample located at the southern boundary of the site at 0.0672 parts per billion (ppb), above unrestricted use soil cleanup objectives (SCOs). Iron and selenium were also detected above unrestricted use SCOs. Iron was detected up to 18,600 parts per million (ppm) at the southern boundary of the site; selenium was detected up to 4.21 ppm in the northwestern portion of the site. Semi-volatile organic compounds (SVOCs) and polychlorinated byphenyls (PCBs) were not detected above unrestricted use SCOs. Off-site samples were not collected during investigation activities.

Groundwater: No volatile organic compounds (VOCs) were detected in groundwater exceeding Class GA groundwater standards. Methyl tertiary butyl ether (MTBE) was detected in samples from eight monitoring wells, the maximum detection of this contaminant was 5 micrograms per liter (ug/L). Toluene was also detected at 0.37 ug/L in the northwestern section of the site. Trichloroethene (TCE), cis-dichloroethene (cis-DCE), 1,1-dichloroethane (1,1-DCE), and chloroform were detected between 0.22 ug/L and 0.85 ug/L in the northwestern portion of the site as well. Off-site samples were not collected during investigation activities.

Soil Vapor – Sub slab soil vapor samples collected showed VOC contamination in the southern portion of the site. Tetrachloroethene (PCE) was detected at concentrations up to 321 micrograms per meter cubed (ug/m³), collected from the 31st Avenue sidewalk. TCE was detected at concentrations up to 15 ug/m³, collected from the southeastern portion of the site. Limited off-site sampling was conducted on the 31st Avenue sidewalk.

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). A cleanup plan, called a "Remedial Work Plan" will then be developed. This plan describes how contamination will be addressed, with NYSDEC and the New York State Department of Health (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

Site Location:

The approximately 2.75 acre site is located in an urban area characterized by residential, commercial, retail, and light industrial development. The Site is located between 30th Drive to the northeast, 12th Street to the southeast, 31st Avenue to the southwest and Vernon Boulevard to the northwest.

Site Features:

There was a one-story and a two-story commercial building on the northern portion of the Site (built circa 1962), a one-story warehouse building (built circa 1936), and a concrete-paved parking lot associated with the warehouse. The structures located along 30th Drive were demolished prior to the start of investigation activities. The warehouse located on 31st Avenue is still occupied.

Current Zoning and Land Use:

The Site is situated in R7a and R6, general residence districts, with a C1-3 local retail district overlay. On March 25, 2010, an “E” designation was declared for the Property, which is a zoning map designation that provides notice of potential hazardous materials contamination. The northern portion of the site is currently used by an advertising display company while the remaining area of the site is vacant.

Past Use of the Site:

From 1939 to 1970, General Motor Corporation’s Parts Division operated on a portion of the site while the other portion of the site was occupied by Japanese food distributors. From 1983 to 2005, the site was occupied by POP Displays, Inc., a display manufacturer. Hazardous waste streams formerly generated at this on-site facility included spent non-halogenated solvents and non-listed ignitable wastes from the mid-1980’s to the early 2000’s. Several notices of violations for unreported issues were identified for this facility in 1985, 1989, and 1990. There were two unregistered above-ground storage tanks (ASTs) on the site that have since been removed, and a permit was applied to install a new paint spray/drying booth and to install a new fuel oil storage tank to be used for a drying cycle for POP Displays in 1995. The exact status of the work performed on the paint spraying/drying booth and fuel oil storage tank is unknown. Various other industrial uses also took place at the Site.

Site Geology and Hydrogeology:

The bedrock is present throughout the site at varying depths ranging from 30 to 68 feet below grade. In general, bedrock was encountered at deeper depths in the eastern portion of the Site. The Property is approximately 10 feet above mean sea level. There are no surface water bodies or streams on or adjacent to the Property, and the closest open surface water to the property is the

East River, which is approximately 100 feet west.

The topography suggests that groundwater flow across the site is in a westerly direction. The average depth to groundwater is 15 feet below grade and the range in depth is 13 to 18 feet below ground surface (bgs) across the Site.

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.

Queens Astoria Library
14-01 Astoria Boulevard
Long Island City, NY 11102
Phone: 718-278-2220

Queens Community Board 1
Attn: Florence Koulouris
45-02 Ditmars Boulevard
LL Suite 1025
Astoria, NY 11105
Phone: 718-626-1021

Who to Contact

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

Project Related Questions

Caroline Eigenbrodt
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
Phone: 518-402-9621
Email: caroline.eigenbrodt@dec.ny.gov

Site-Related Health Questions

Wendy Kuehner
New York State Department of Health
Empire State Plaza Corning Tower, Room 1787
Albany, NY 12237
Phone: 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.

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

Site Location

