

**(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](http://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:** Former Universal Scrap Metal Processors Corp.  
**DEC Site #:** C224210  
**Address:** 1181 Flushing Avenue  
Brooklyn, NY 11237

Have questions?  
See  
"Who to Contact"  
Below

### Cleanup Action to Begin at Brownfield Site

Action is set to begin in June 2018 that will address the contamination related to the Former Universal Scrap Metal Processors Corp. site ("site") located at 1181 Flushing Avenue, Brooklyn, NY under New York State's Brownfield Cleanup Program. 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 cleanup activities will be performed by Flushing Stewart LLC ("applicant(s)") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

#### Highlights of the Upcoming Cleanup Activities

The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

- Excavation of site-wide soils exceeding unrestricted use soil cleanup objectives to depths of 15 to 25 feet below grade, anticipated to be approximately 15,275 cubic yards.
- Excavation dewatering at excavation depths below the water table located at approximately 12 feet below grade.
- A post-excavation groundwater evaluation to determine if additional groundwater treatment, aside from excavation/source removal, is necessary. In-situ ("in-place") chemical oxidation will be performed if post-excavation groundwater sampling indicates it is necessary.
- A post-excavation vapor intrusion evaluation will be completed to determine whether any actions are necessary to mitigate vapor intrusion.

#### Next Steps

After the applicant completes the cleanup activities, they will prepare a Final Engineering Report (FER) and submit it to NYSDEC. The FER will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the Final Engineering Report. NYSDEC will then issue a Certificate of Completion (COC) to the applicant(s).

The applicant(s) would be able to redevelop the site after receiving a COC. In addition, the applicant(s):

- Would have no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- Would be eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

A fact sheet that describes the content of the FER will be sent to the site contact list. The fact sheet will identify any institutional controls (for example, environmental easements) or engineering controls (for example, a site cover) necessary at the site in relation to the issuance of the COC.

### **Background**

**Location:** The Former Universal Scrap Metal Processors Corp. site is located in an urban area in the East Williamsburg neighborhood of Brooklyn, NY. The irregularly-shaped site has approximately 109 feet of street frontage on Flushing Avenue and 203 feet of street frontage on Stewart Avenue.

**Site Features:** The property was partially developed with a 1-story 4,500 square foot commercial building which was constructed in 1931, but demolished in 2016. The site is currently vacant, surrounded by a fence and unpaved.

**Current Zoning and Land Use:** The site is located in a M1-2 zone which allows nearly all industrial type uses. Additional uses are allowed, including office, hotel, and retail. M1 districts are often buffers between M2 or M3 districts and adjacent residential or commercial districts. The scrap metal operation which previously occupied the building and property no longer operates.

**Past Use of the Site:** The entire property was used as a railroad freight yard from sometime between 1888 and 1907 to sometime between 1951 and 1965. The south end of the site was utilized as a filling station from approximately 1955 until at least 2003. The southern portion of the site and the building were used for auto repair from 1955 until 2007. The northern portion of the property was used as an auto scrap yard from 1981 through 2007. From 2007 through 2014 the property was used as a scrap metal facility. In January 2006, under Spill #0510000, eleven (11) 550-gallon gasoline Underground Storage Tanks (USTs) and 240 tons of petroleum-impacted soil were removed, and a chemical oxidant was applied to treat groundwater.

**Site Geology and Hydrogeology:** Soil at the site is described as historic fill to a depth of approximately 4 feet below the surface followed by native brown fine sand with silt. The bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood granodiorite of middle Ordovician middle Cambrian age. Bedrock was not encountered during the remedial investigation, but is anticipated to reside at depths greater than 100 feet below grade. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

Depth to groundwater at the site is approximately 12 feet below grade and flows to the north/northeast, toward the English Kills Channel. Groundwater flow is also highly variable as it may be influenced by the subway tunnel which runs underground north of the site.

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>  
Enter the site code (located near the top of page 1, next to "DEC Site #"), then click on "Submit".

**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 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.

Brooklyn Public Library- Bushwick Branch  
340 Bushwick Avenue  
Brooklyn, NY 11206  
phone: 718-602-1348

Brooklyn Community Board 4  
1420 Bushwick Ave  
Suite 370  
Brooklyn, NY 11237  
phone: 718-628-8400

Brooklyn Community Board 1  
435 Graham Avenue  
Brooklyn, NY 11211  
phone: 718-389-0009  
(bk01@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  
Tel: 518-402-8644  
Email: 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  
Tel: 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**

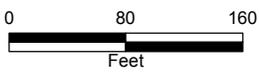
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: <http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better informed*.



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



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



# Figure 1 Site Map

Former Universal Scrap  
Brooklyn, NY  
Site No. C224210

