NEW YORK STATE | Department of Environmental Conservation

September 2016

FACT SHEET

State Superfund Program

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

Site Name: Former Klink Cosmo Cleaners
DEC Site #: 224130
Address: 364 Richardson Street
Brooklyn, NY 11222

Have questions? See "Who to Contact" Below

Investigation Completed at State Superfund Site; Results Will Help to Evaluate Ways to Address Contamination

An investigation has been completed for the Former Klink Cosmo Cleaners site ("site") located at 364 Richardson Street, Brooklyn, 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." The investigation was conducted by New York State Department of Environmental Conservation (NYSDEC).

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

NYSDEC has approved a report, called a "Remedial Investigation Report," that 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

Phases of the Remedial Investigation were conducted by the NYSDEC between 2011 and 2015. These investigations were conducted both on-site, and in the blocks surrounding the site in order to determine how far contamination had migrated from the site. The contaminant of concern at this site is tetrachloroethene (also known as PCE), which is a solvent commonly used in dry cleaning and in the manufacture of metal parts.

Soils below the site building contain levels of PCE well in excess of the various applicable cleanup criteria.

Groundwater beneath and adjacent to the site building is contaminated with levels of PCE well above standards. This contaminated groundwater extends toward the northeast across Vandervoort Avenue, and extends as far as Lombardy Street to the north.

Soil vapor (the air between soil particles below the ground surface) beneath and adjacent to the site has been found to contain elevated levels of PCE. Certain nearby structures have been

sampled to determine whether PCE contaminated soil vapor has impacted indoor air. Several locations where contaminated soil vapor was found had sub-slab depressurization systems installed below the basement floor (similar to a radon abatement system) in order to prevent vapors from getting into those locations.

Based on these findings, the NYSDEC has recommended that a site cleanup be completed in order to remove the threat posed by the PCE in the soil, soil vapor, and groundwater.

Next Steps
A Feasibility Study will be conducted based on information obtained during the investigation to achieve the following:
1) Define the objectives of the site cleanup program;
2) Develop cleanup alternatives; and
3) Screen and analyze the alternatives.

NYSDEC will then develop a draft cleanup plan, called a "Proposed Remedial Action Plan." This plan describes the remedy preferred by NYSDEC to address contamination related to the site. The draft cleanup plan will explain the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan will be to ensure the protection of public health and the environment. NYSDEC will announce the draft cleanup plan in a future fact sheet and present it to the public for its review and comment during a 30-day comment period and at a public meeting.

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

Background
Location:

The site is located in the Greenpoint/East Williamsburg Industrial Area section of Brooklyn, NY. The site is located on the southwest corner of the intersection of Vandervoort Avenue and Richardson Street.

Site Features:

The site is completely covered by a one-story brick building. Numerous other commercial and industrial properties are located to the north, south, and west of the site. The Greenpoint Little League fields and a National Grid energy facility are east of the site across Vandervoort Avenue. A small residential area is located 1-2 blocks north of the site. An eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located 4 blocks to the north.

Current Zoning/Use(s):

The site is zoned for manufacturing. The site is currently used for sheet metal fabrication.

Historical Use(s):

The Department began a Site Characterization in this area during the spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on interviews with

multiple residents indicating the site's former usage as a commercial dry cleaner from the 1950's to the mid 1990's (including one former employee), and a Department database which lists the cleaners as a generator of F002 waste (spent halogenated solvents). The Meeker Avenue Plume Trackdown Site Characterization in the area of the site was conducted in several phases, and was completed in the summer of 2009.

Site Geology and Hydrogeology:

The site is underlain by a fill unit (0.5-8' thick), a sand/silty sand unit (approximately 100' thick), a discontinuous clay/silt unit (approximately 1-10' thick) within the sand/silty sand unit, a sand and gravel unit (approximately 1-3' thick), and the Raritan Formation (located 108-113' below ground surface).

Groundwater is approximately 24-50' below ground surface in the vicinity of the site. Groundwater flows north to northeast toward Newtown Creek, which lies approximately 3,000' northeast 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/haz/details.cfm?pageid=3&progno=224130

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

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

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
Albany, NY 12233-7016
Tel: (518) 402-9768
E-mail: 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

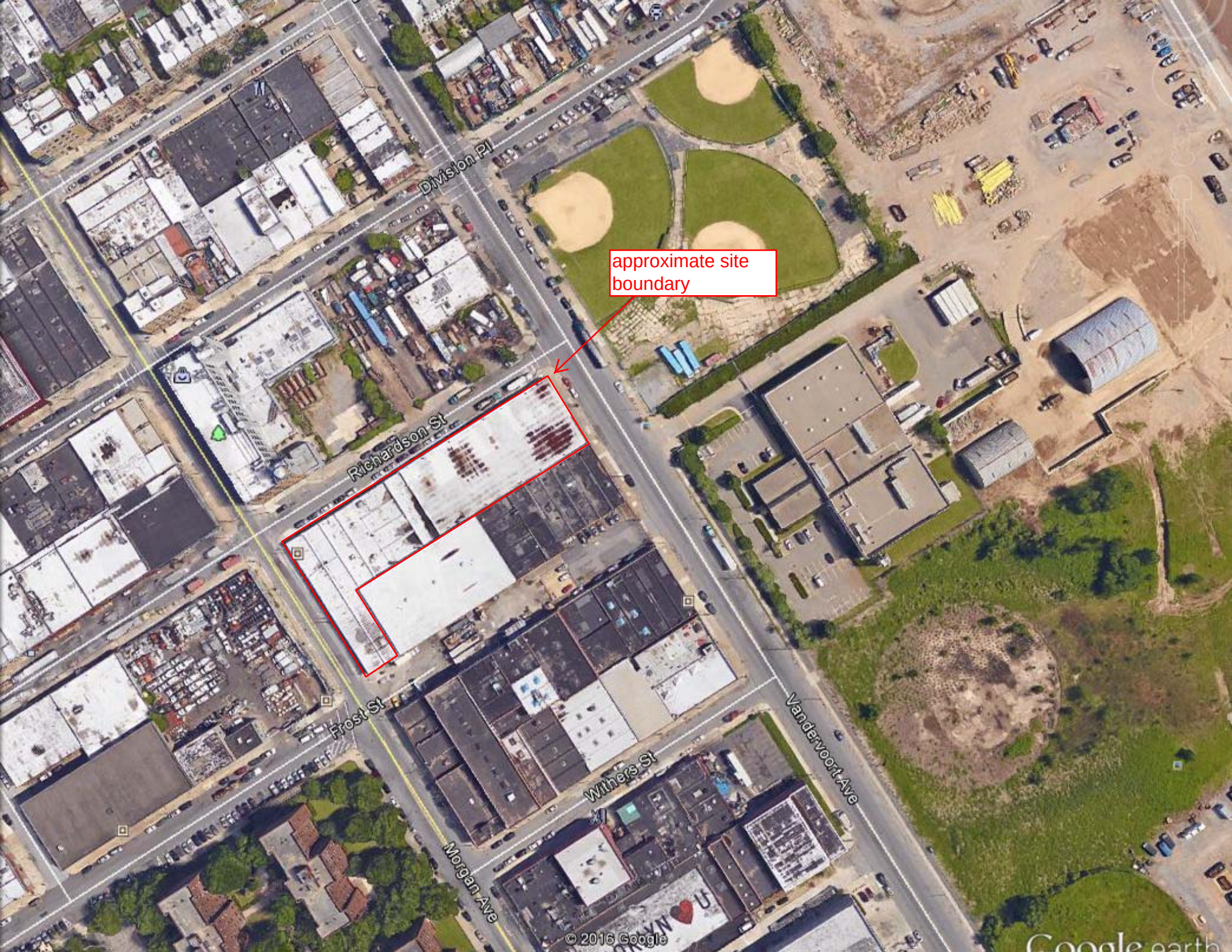
We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

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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