January 2016

FACT SHEET

Petroleum Remediation Program

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

Site Name: BP Terminal
DEC Site #: S224082
Address: 125 Apollo Street
Brooklyn, NY 11222

Have questions? See "Who to Contact" Below

Public Meeting Announcement for Petroleum Remediation Site

Public Meeting, Monday, 1/25/2016 at 5:00 – 8:00 PM
Brooklyn Public Library
Greenpoint Branch
107 Norman Ave.
Brooklyn, NY 11222
(Presentation and Q&A at 6:30 PM)

NYSDEC invites you to a public meeting to discuss the ongoing remediation efforts and upcoming transfer of operations at the BP Terminal. You are encouraged to provide comments and ask questions at this meeting.

A brief presentation and Q&A session will take place at 6:30 pm to describe the ongoing remediation efforts at the Brooklyn Terminal and the upcoming transfer of operations. NYSDEC staff will be available both before and after the presentation to respond to questions and comments about the project.

The public is invited to a meeting on January 25th for an update on the ongoing remediation efforts and the upcoming transfer of operations at the BP Terminal ("Site") located at 125 Apollo Street, Brooklyn, Kings County. Please see the attached map for the Site location. Additional information regarding the Site is included in the following pages.

Documents related to the cleanup of this Site can be found at the location(s) identified below under "Where to Find Information."

SITE DETAILS

Ongoing Remediation

The major elements of ongoing remediation (cleanup) and investigation at the Site include:

- Operation of 10 active dual phase product recovery wells and one single phase product recovery well.
- Operation of a groundwater treatment system that treats recovered groundwater and discharges to Newtown Creek.
- Monthly monitoring of discharges to Newtown Creek under a State Pollutant Discharge Elimination System (SPDES) equivalency permit.
- Annual vapor screening across the Site.
- Monthly vapor monitoring in occupied buildings.
- Ongoing characterization of the existing free product plume and the soil and groundwater contamination across the Site.

Upcoming Transfer of Operations

In October 2015, Kinder Morgan and BP announced a sale agreement which included the transfer of ownership and operation of the Brooklyn Terminal to a joint venture limited liability company named KM Phoenix Holdings, LLC. The transition is planned to take place on February 1, 2016. Kinder Morgan Liquids Terminals LLC will become the new operator. As part of this transition, a new project manager from Kinder Morgan will assume responsibility for the remediation work taking place at the Site.

SITE BACKGROUND

Location

The BP Terminal Site is located at 125 Apollo Street in Greenpoint, New York. The Site generally consists of the land south of the Mobil Terminal (formerly S224088), east of Long Island Carpet Cleaners and various other industrial/commercial businesses, west of Newtown Creek, and north of Norman Avenue/Apollo Street.

Site Features

The current 10 acre terminal has 11 aboveground storage tanks, one underground storage tank, two loading racks, and three single-story concrete block buildings. The capacity of the terminal is approximately 5.9 million gallons of storage for diesel fuel, #2 fuel oil, kerosene, and gasoline. Since the fall of 1992 all product transport lines are located aboveground.

A free product recovery system that was constructed in 1980 is operating at the Site to collect petroleum product under the property. The system includes 12 dual phase recovery wells located throughout the property, one single phase recovery well, two monitoring wells that are outfitted with temporary recovery systems, and two standalone trailers on the north end of the property housing the water treatment system. Of the 12 dual phase recovery wells, 10 are currently active. Approximately 3.5 million gallons of free-product has been recovered from the Site since 1980.

Current Zoning and Land Use

The Site is currently an active petroleum bulk storage facility, and is zoned for industrial use. Land use in the vicinity of the Site is mixed industrial, commercial, and residential. The residential area is located south of Nassau Avenue, one block south of the Site.

Past Use of the Site

The northeast area of Greenpoint, between North Henry Street, Norman Avenue, and Newtown Creek, has been heavily industrialized and the site of various petroleum industries for over 140 years. Oil refining operations date back to 1834 with the refining of whale oil. According to one published report, petroleum refining operations began as early as 1854, with the production of kerosene, as naptha and gasoline were considered by-products of the refining process. By 1870 over 50 refineries were located along the banks of Newtown Creek and by 1892, the majority of the area refineries were purchased and consolidated into the Standard Oil Trust. Around 1900, gasoline and fuel oils became the dominant product refined or stored in terminal facilities in the Greenpoint area. Following the breakup of the Trust in 1911, ownership of the refinery property in Greenpoint reverted to the Standard Oil Company of New York (SOCONY) and these operations became the SOCONY (later Mobil Oil Corporation) Brooklyn Refinery. The refinery reportedly had a capacity to refine over 33,000 barrels (1.4 million gallons) of crude oil a day and produced fuel oils, gasoline, kerosene, and refinery oil. Also stored within the former refinery were petroleum additives and miscellaneous refining by-products.

Refinery operations at the former ExxonMobil Brooklyn Refinery ceased in 1966. The refinery was subsequently demolished and significant portions of the refinery property were sold. In 1968, Amoco Oil Company (currently BP) purchased a parcel of the former refinery property from Mobil and constructed the currently active bulk fuel storage terminal on the property completed in late 1969. Operation began in 1970 and continues to this day.

Enforcement Status

BP signed an Order on Consent with the Department on March 20, 2006 that requires BP to investigate and address petroleum contamination at and underneath the Brooklyn Terminal property. The Order on Consent will be amended at the time of transfer of operations to include the new owner and operator of the Site.

This Site is a part of the Greenpoint Petroleum Remediation Project. Additional details on the overall project and other sites in the project are available at http://nysdecgreenpoint.com/.

FOR MORE INFORMATION

Where to Find Information

Additional Site details and information on nearby sites, including environmental and health assessment summaries, can be accessed on NYSDEC's website at:
http://www.dec.ny.gov/chemical/37550.html

Documents are available for all Sites in the Greenpoint Petroleum Project at the following location(s) to help the public stay informed:

Brooklyn Public Library
Central Library
10 Grand Army Plaza, Brooklyn
(718) 230-2762

Brooklyn Public Library
Greenpoint Branch
107 Norman Avenue, Brooklyn
(718) 349-8504

Project documents are also available on the NYSDEC Greenpoint website at:
http://nysdecgreenpoint.com/

Who to Contact

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

Project Related Questions
David Lates
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7017
(518) 402-9814
David.lates@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
(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.

Prosimy o kontakt z David Lates, NYSDEC, na David.lates@dec.ny.gov jezeli chcesz otrzymać ten dokument w jezyku polskim.

Por favor póngase en contacto con David Lates, NYSDEC, en David.lates@dec.ny.gov si usted desea recibir este documento en español

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 listervs 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.