

NYC BCP Cleanup Plan Available for Review and Comment

Where can I view project documents?

In person at:

Brooklyn Public Library
Clinton Hill Branch
380 Washington Avenue
Brooklyn, NY 11238

(Please call (718) 398-8713 for hours of operation)

and electronically at:

<http://www.nyc.gov/html/oer/html/repository/RBrooklyn.shtml>

Public Comment Period

December 16, 2011
to
January 16, 2012

Whom can I contact for project information?

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For more information visit:
www.nyc.gov/oer

The New York City Office of Environmental Remediation (OER) is providing this Fact Sheet pursuant to the New York City's Brownfield Cleanup Program (BCP). An application has been submitted by East Wing Construction for enrollment of the property at 547 & 549 Myrtle Avenue (Block 1894, Lots 54, 55) in Brooklyn, New York into the BCP. The Remedial Investigation Report (RIR) details the results of an environmental investigation at the site including the nature and extent of contamination. The draft Remedial Action Work Plan (RAWP) proposes remedial actions to address contamination delineated in the RIR.

Public Comments on the RAWP

OER is accepting public comments on the draft RAWP for 30 days ending January 16, 2012. The RIR and draft RAWP are available for review at the Brooklyn Public Library branch and OER website (www.nyc.gov/oer) listed at left. Comments should be sent to Mr. Shaminder Chawla via mail or e-mail (see contact information at left).

Site Description

The site consists of a 5,000 square-foot vacant lot. The proposed development is to construct a new six-story residential building with a cellar (to house utility rooms, laundry, storage, and auxiliary space). The footprint of the new building covers the majority of the site but plans include a 1,200 square-foot capped courtyard in the northwest corner of the site.

Summary of RIR

The environmental investigation identified historic fill to a depth of nine feet below the ground surface. The soil/fill samples did not show Volatile Organic Compounds (VOCs) and PCBs. Pesticide contamination was found to be minimal. Contamination of the soil included several PAH SVOCs and elevated metals including barium, lead, mercury silver and zinc. Overall, soil results were unremarkable and showed no contaminant source area on this property.

Groundwater samples showed no VOCs, SVOCs, Pesticides, and PCBs. Several metals were detected in the groundwater including arsenic, nickel, selenium, zinc and saline related metals. Groundwater results showed no sources of contamination on the property, but did show brackish water quality.

Soil vapor samples showed VOCs in soil vapor with the highest concentrations being acetone, methylene chloride and 1,1,1-TCA. Other VOCs included BTEX-associated compounds at concentrations typically below 25 ug/m³. TCE was not detected, and PCE was observed in one sample at a trace concentration.

Summary of the Remedy

The specific elements of the proposed remedial action include:

- Preparation of a Community Protection Statement and performance of all required NYC BCP citizen participation activities according to an approved Citizen Participation Plan;
- Performance of a Community Air Monitoring Program for particulates and volatile organic carbon compounds;
- Establishment of Track 4 Soil Cleanup Objectives (SCOs);
- Excavation and removal of soil/fill exceeding Track 4 SCOs;
- Collection and analysis of end-point samples to determine if the remedy attains Track 4 SCOs;
- Transportation and off-site disposal of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal;
- Construction and maintenance of an engineered composite cover and installation of a vapor barrier system;
- Recording of a deed restriction to inform future owners of residual contaminated material at the site and to prevent future exposure to any residual contamination at the site;
- Submission of an approved Site Management Plan (SMP) in the Remedial Action Report (RAR) for long-term management of residual contamination, including plans for operation, maintenance, monitoring, inspection and certification of engineering and institutional controls; and
- Submission of a Remedial Action Report (RAR) that describes the remedial activities, certifies that the remedial requirements have been achieved, defines the Site boundaries, and describes all Engineering and Institutional Controls to be implemented at the Site.

Next Steps

OER will review the draft RAWP and consider all public comments submitted during the public comment period before it approves the RAWP. The approved RAWP will be placed in the public library branch and on OER's website and a second fact sheet will be issued before remedial work begins.

If you have any questions or know of any neighbor that would like to be added to the site contact list, please contact the OER Project Manager listed on the front page of this Fact Sheet. We encourage you to share this Fact Sheet with neighbors and tenants, and/or post it in a prominent area of your building. For information regarding New York City's Brownfield Cleanup Program, please visit our website at:

www.nyc.gov/oer

Direct Link to OER document repository:

<http://www.nyc.gov/html/oer/html/repository/RBrooklyn.shtml>

Figure 1 – Site Location Map

