

Where can I view project documents?

In person at:

Brooklyn Public Library
Leonard Branch
81 Devoe Street
Brooklyn, NY 11211

(Please call (718) 486-3365 for hours of operation)

and electronically at:

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

Public Comment Period

October 24, 2011
to
November 24, 2011

Whom can I contact for project information?

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or

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NYC BCP Cleanup Plan Available for Review and Comment

The New York City Office of Environmental Remediation (OER) provides this Fact Sheet pursuant to the New York City's Brownfield Cleanup Program (BCP). An application has been submitted for enrollment of the property at 210 N. 12th Street (Block 2291, Lot 17) 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 until November 24, 2011. The RIR and draft RAWP are available for review at the document repositories identified in the box at left including a public library branch and through a link to OER's website. 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 10,487 square-foot vacant lot. The proposed development is to construct a new 8-story apartment building which will include 7,000 square feet of parking space on the first floor. The footprint of the new building will cover the entire lot.

Summary of RIR

The environmental investigation identified no elevated concentrations of pesticides or PCBs in the soil. Several metals exceed Track 1 Unrestricted Soil Cleanup Objectives (SCOs) and of these, arsenic, barium, copper, lead, mercury, and selenium also exceed Track 2 Restricted Residential SCOs. Soil samples tested during the remedial investigation showed a variety of petroleum compounds in most samples and many samples exceeded Track 1 Unrestricted Use SCOs. Of these, three volatile organic compounds (VOCs), all benzene derivatives exceeded Track 2 Restricted Residential SCOs. Petroleum related compounds are attributed to a petroleum spill onsite that is being actively managed by NYSDEC. PCE, TCE and other chlorinated hydrocarbons were not detected in onsite soil samples. Similarly, semivolatile organic compounds (SVOCs) were common in soil. Various polycyclic aromatic hydrocarbon (PAH) compounds exceeded Track 1 SCOs including 6 PAH compounds that also exceeded Track 2 Restricted Residential SCOs. PAH compounds are attributed to both the petroleum spill in soils and at lower levels to the presence of historical fill onsite. Petroleum discharges to soil and groundwater are currently being addressed by the NYSDEC Spills Program.

Groundwater samples collected during the RI showed no pesticides or PCBs. Groundwater samples tested during the remedial investigation show a wide variety of petroleum compounds in groundwater. Concentrations of 9 of these compounds exceed groundwater quality standards (GQS). The most recent groundwater data shows total VOC concentrations at a maximum of 26 parts per billion and are attributed to a petroleum spill onsite that is being addressed by NYSDEC spills program. Petroleum-related SVOCs were not identified in groundwater above GQS in the most recent groundwater data. Metals in groundwater exceed GQS, including arsenic marginally above standard in one sample and sodium.

Soil vapor samples collected during the RI showed PCE and TCE. A variety of petroleum derivatives were identified at low levels in soil vapor samples.

Summary of the Remedy

The specific elements of the proposed remedial action include:

- Preparation of a Community Protection Statement and implementation of a Citizen Participation Plan;
- Performance of a Community Air Monitoring Program for particulates and volatile organic carbon compounds;
- Establishment of Track 4 SCOs; excavation and removal of soil/fill exceeding Track 4 SCOs; and collection and analysis of end-point samples to determine if the remedy attains Track 4 SCOs;
- Construction and maintenance of an engineered composite cover and installation of a vapor barrier system
- Ventilated parking garage across 70 percent of the site and installation of an active sub-slab depressurization system beneath remainder of the site;
- 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;
- 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; and
- Submission of an approved Site Management Plan (SMP) for long-term management of residual contamination.

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

Next Steps

OER will review the draft RAWP and consider all public comments submitted during the public comment period before it approves a final RAWP. The approved RAWP will be placed in the document repositories 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

