

Where can I view project documents?

Document Repositories

Brooklyn Public Library
Greenpoint Branch
107 Norman Avenue
Brooklyn, NY 11222

(Please call (718-349-8504) for hours of operation)

and electronically at

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

Who can I contact for project information?

Project Contact

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For more information visit:

www.nyc.gov/oer

NYC VCP Cleanup Plan Completion of Remedial Activities

The New York City Office of Environmental Remediation (OER) has determined that the cleanup requirements to address contamination related to the property at 544 Union Avenue (identified as Block 2736, Lots 1, 9, & 48) in Brooklyn, New York under the New York City Voluntary Cleanup Program (VCP) have been met. Cleanup activities were performed under an approved Remedial Action Work Plan (RAWP) by 544 Unioncon, LLC (Volunteer) with oversight provided by OER. OER has approved the Remedial Action Report (RAR) and will issue a Notice of Completion regarding the Site. The remedial work was completed in March 2012 and was documented in the RAR. The RAR is available for review at the document repositories identified in the box to the left including a public library branch and through a link on OER's website.

Site Development

The Site consisted of a 36,000 square-foot, vacant lot that was historically an iron foundry. The development converted the vacant lot into a six story mixed-use building that includes residential, recreational and commercial uses.

Summary of Remedial Action

The specific remedial elements implemented at this Site included:

- Prepared a Community Protection Statement and implemented a Citizen Participation Plan. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
- Established Track 4 Soil Cleanup Objectives (SCOs).
- Approximately 3,890 tons of non-hazardous wastes were excavated from three "hot spot" locations to a depth of approximately eight feet bgs. Soil was disposed at Atlantic County Utilities Authority in Pleasantville, New Jersey.
- Three end-point samples were collected and analyzed to determine the performance of the remedy with respect to attainment of SCOs.
- Installed a demarcation layer in excavation areas.
- Constructed an engineered composite cover consisting of compacted RCA, a three-inch mud slab, an eight inch concrete structural slab to prevent human exposure to residual/soil remaining under the building and two feet of clean fill material at the landscaped areas.
- Installed a vapor barrier consisting of VaporBlock 20 Mil Under slab Vapor barrier and VaporBlock Plus seam tape.
- Submitted a RAR that: certifies that the remedial requirements have been achieved; defines the Site boundaries; describes all Engineering and Institutional Controls applicable to the Site; and describes the remedial activities including any changes from the RAWP.
- Submitted a Site Management Plan (SMP) for long-term management of residual contamination, including plans for maintenance, inspection and certification of Engineering and Institutional Controls and reporting at a specified frequency.
- The property will continue to be registered as an E-Designated property.
- Institutional Controls including prohibition of the following: (1) vegetable gardening and farming; (2) use of groundwater without treatment rendering it safe for the intended use; (3) disturbance of residual contaminated material unless it is conducted in accordance with the SMP; and (4) higher level of land usage without OER-approval.

Next Steps

OER has issue a Notice of Completion, a City liability release, and a New York City Green Property Certificate for this Site.

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 Document Repository:

<http://www.nyc.gov/html/oer/html/repository/RBrooklyn.shtml> or scan with smart phone:



Figure 1: Site Map



Figure 2: Ariel View

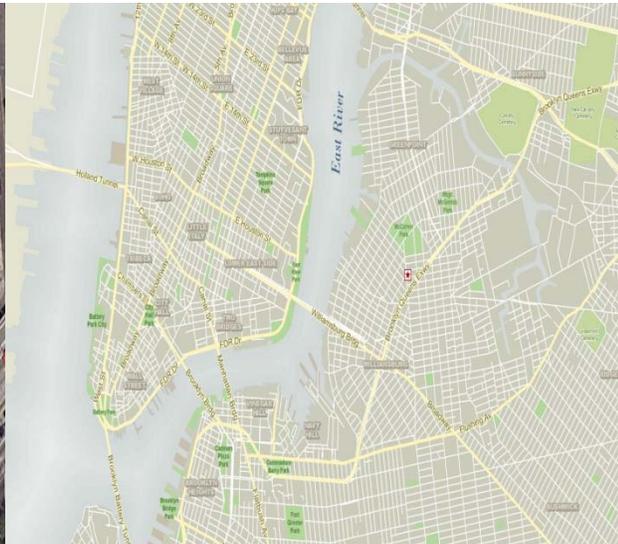


Figure 3: New Development

