



In conjunction with



Dear Interested Citizen:

This fact sheet provides a status update for the former Kent Avenue Generating Station.

If you have questions or would like more information, please contact:

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For additional information visit:
www.dec.ny.gov/chemical/24904.html

Fact Sheet

August 2011

**Former Kent Avenue Generating Station
Brooklyn, New York**

Start of Site Interim Remedial Measure

Introduction

Consolidated Edison Company of New York, Inc. (Con Edison), together with the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), is providing this update on project activities involving the former Kent Avenue Generating Station ("Site"). This site is located at 500 Kent Avenue, Brooklyn, NY.

In September, 2011 Con Edison will implement an Interim Remedial Measure (IRM) to address contaminants associated with the Ash Pit, one component of the former generating station.

Project Status and Schedule

The first phase of the Kent Avenue investigation entailed the preparation of a Phase I Environmental Site Assessment (ESA) in 1999. Based on the information compiled in the Phase I ESA Report, site investigations (Phase II ESA) were performed in 2000 and 2006 to determine the presence or absence of power plant-related contaminants in the soil and groundwater. A remedial investigation (RI) to characterize the residual contents of the former power plant ash pit was conducted in 2007. Based on the findings of the RI, a Feasibility Study (FS) was performed during December 2008 – January 2009 to assess the viability of treating and processing the ash pit residuals.

The information from these investigations was used by Con Edison to prepare a Remedial Action Work Plan (RAWP) for the ash pit which is considered a single Area of Concern (AOC) at the Site. The RAWP identifies various remedial options which were subsequently evaluated based on several criteria specified by the NYSDEC.

The proposed Interim Remedial Measure (IRM) will consist of the removal, dewatering and off-site disposal of the sludge contained within the ash pit, the removal of debris contained within the adjacent former pump house area and the subsequent backfilling of the ash pit and pump house area with lightweight concrete fill. The estimated total volume of sludge that will be removed and disposed of off-site is approximately 750 cubic yards. In addition, less than 100 cubic yards of mostly dry debris and sediment in the former pump house pit will also be disposed off-site. The water removed from the ash pit and recovered from the sludge will be treated prior to discharge to Wallabout Channel in accordance NYSDEC effluent limits. The remediation is expected to take between four and five months to complete.

[Documents related to this project are available at the following locations:](#)

Community Board 2, 350 Jay Street, 8th floor, Brooklyn, NY 11201, 718-596-5410, Hours M-F 9-4pm

Potential Exposure

A primary goal of the investigations was to evaluate current and potential human exposure pathways to contaminants from the Site. The contamination within the ash pit is confined within the concrete, fenced-in structure, and human exposure is not expected under current site conditions. There are no current site re-development plans, however, the contents of the ash pit and adjacent pump house area will be removed and the pit will be sealed with lightweight concrete and topped with a concrete slab to prevent potential future public exposure (if any contaminants will remain).

During the IRM extensive efforts will be made to protect the community from potential hazards. These will include working within a fenced-in site, placing additional physical barriers to prevent access to work areas and the use of real-time air monitoring in accordance with the NYSDOH's Community Air Monitoring Plan.

Site Background

The former Con Edison Kent Avenue Generating Station is located at 500 Kent Avenue, Brooklyn, New York. The total area of the Site is approximately 4 acres of which approximately 2.6 acres was the location of an electrical power generating station housed in a seven to nine story structure. The structure was demolished in 2009. The lot is vacant, but the foundation and basement of the former generating station remain below grade.

The ash pit is located in the northwestern portion of the Site, between the former generating station building and Wallabout Channel, an inlet of the East River. Based on available information, the ash pit was constructed in the late 1920s or 1930s. It is constructed of poured concrete walls underlain by iron reinforcing bars. The dimensions of the ash pit are approximately 68 feet by 27 feet; available engineering drawings indicate that the pit is approximately 24 feet deep and suggest the presence of a concrete bottom. It is currently filled with contaminated sludge, trash and debris, and standing water.

Public Involvement

Public understanding and involvement are an integral part of a successful investigation and remediation program. To provide you with the most up-to-date and accurate information, Con Edison will periodically issue updated fact sheets on the status of the project. In addition, a Citizen Participation Plan has been approved by NYSDEC that outlines the steps to be taken to provide for public participation in the remedial program for the Site.

