



In conjunction with



Dear Interested Citizen:

This fact sheet is to inform you of the supplemental remediation investigation planned for the former East 99th Street Works.

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

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For site-related environmental questions, please contact:

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For site-related health questions, please contact:

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Fact Sheet

November 2008

East 99th Street Works

Supplemental Remediation Investigation

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 the ongoing investigation activities planned for the former East 99th Street Works, a historic manufactured gas plant (MGP). The MGP site occupied East 98th to East 99th Streets between Second Avenue and the East River and operated between 1878 and 1939.

Con Edison is working closely with Metropolitan Hospital, the NYSDEC and NYSDOH to coordinate all site activity. Con Edison is also taking responsibility for funding the work and will make every effort to keep public inconveniences to a minimum.

Project Status and Schedule

Investigation work commenced at the site in March 2005 with soil and groundwater sampling along First Avenue, Second Avenue and East 99th Street. A second phase of work was performed October through December 2005 on the Metropolitan Hospital grounds and surrounding sidewalk. Once exterior work was completed, soil sampling was conducted within the basement of the hospital building during June 2006.

The various phases of investigation identified contamination from the former gas manufacturing operations at depth, below the present surface of the site. The hospital indoor air data has not indicated any site related exposure for the occupants in the building.

In early winter, work inside the basement of the hospital building will be completed as well as various exterior locations. This work will further define the extent of contamination from former gas manufacturing operations. Fieldwork activities will include the collection of soil vapor, groundwater and soil samples. Air monitoring will be performed throughout the work effort.

After the completion of these activities, a report will be prepared detailing the findings from the entire investigation. The report will be reviewed by NYSDEC and NYSDOH, once these agencies have completed their review, the investigation report will be available to the public. Con Edison will then begin remedial planning for the site.

Documents related to this project are available at the following locations:

Manhattan Borough President Scott Stringer's Office, One Centre Street, 19th Floor, New York, NY 10007; 212-669-8300, Hours: M-F 9am-5pm. 96th Street Branch, 112 E. 96th Street; New York, NY 10128; 212-289-0908; Hours: M/Th 10-8; Tues/Wed 10-6; Fri/Sat. 10-5; closed Sunday.

Potential Exposure

A primary goal of these investigations is to evaluate actual and potential risk to the public through exposure to contaminants from these historical operations. Because the historic MGP operations ended many years ago and the site was redeveloped, potential residuals or soil contamination is located at least 15 feet below the present surface of the site. Therefore, direct contact exposure to these materials is not anticipated. Exposure to contaminated groundwater through ingestion is not expected because New York City is served by a municipal water system.

During the investigation activities, extensive efforts will be made to protect the community from potential hazards. These will include placing 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. Any contamination found that requires remediation will be addressed in a remediation plan developed in cooperation with the NYSDEC and NYSDOH and reviewed by the public before being implemented.

What were Manufactured Gas Plants?

Manufactured gas plants were operated between the 1800s and mid-1900s, before the development of natural gas systems, to convert coal and oil into gas for heating, lighting and cooking. Byproducts of this early production process included contaminants such as tar and purifier wastes. Tar is a dark, viscous fluid with a distinctive acrid odor. Purifier wastes are materials formed during removal of other unwanted chemicals from the gas before it was sent out to customers.

The substances of concern related to these operations include BTEX compounds, polycyclic aromatic hydrocarbons (PAHs), and metals. BTEX compounds are benzene, toluene, ethylbenzene and xylene. These are volatile hydrocarbons found in MGP byproducts and also found in most petroleum products such as gasoline. PAHs are also found in MGP byproducts as well as many petroleum products, such as asphalt.

Site Background

The East 99th Street Works started operating before 1878, and was closed before 1939. The available historical information on the former East 99th Street Works indicates that this site was a manufactured gas plant and gas storage facility. The site consisted of three large and one small gasholder that were constructed close to Second Avenue, with the gas manufacturing operations located further towards First Avenue. Coal storage was located on the east side of First Avenue. In 1960, Con Edison sold the site to the City of New York.

Today, the site consists of the Metropolitan Hospital Center building and surrounding landscaped areas, driveways and paved parking areas, and the nurses' residence

Public Involvement

Public understanding and involvement are integral to a successful investigation and remediation program. To provide you with the most up-to-date and accurate information regarding manufactured gas plants, Con Edison has created a series of informational resources including fact sheets, a toll-free hotline, and internet content at www.coned.com/publicissues. Information can also be found at the NYSDEC website at www.dec.ny.gov/chemical/8430.html. 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. Document repositories for site related documents have also been established so that concerned citizens can review available information.