



ESTATE

## ENVIRONMENTAL CONSERVATION

Dear Interested Citizen:

This fact sheet is to inform you about the site investigations conducted and available reports for the Long Island Rail Road Manhasset Substation site.

Environmental investigations were conducted at this site to determine the nature and extent of contamination in the soil and groundwater. The Long Island Rail Road performed this investigation under the supervision of the NYSDEC.

Investigation reports for the Construction Excavation Investigation, the Underground Injection Closure (UIC) Investigation, and the Staged Soil Removal Activities are available in the document repositories indicated on this page of the fact sheet.

If you have any questions or would like additional information, please contact the staff identified on this fact sheet.

**NYSDEC, Region 1**  
By Appointment  
Attn: Mr. William Fonda  
SUNY - Bldg 40  
Stony Brook, New York 11790-2356  
M-F 8:30 AM - 4:30 PM  
  
Phone: (631) 444-0350

# FACT SHEET

February 2006

Long Island Rail Road (LIRR) Manhasset Substation  
**Manhasset Substation, Site No. V00396-1, Manhasset, NY**

## Reports Available for the LIRR Manhasset Substation

The New York State Department of Environmental Conservation (NYSDEC), with support from the New York State Department of Health (NYSDOH), are overseeing completion of a remedial investigation which will define the nature and extent of soil and groundwater contamination at three LIRR substations, including this site located in Manhasset, New York. The work was carried out by the current owner, the LIRR, identified as the potentially responsible party (PRP) for the site, under the provisions of the NYSDEC Voluntary Cleanup Program.

### The Current & Proposed Actions:

Work at the Manhasset Site to support the investigation has been undertaken including implementing the Construction Excavation and UIC work plans. Additionally, work to remove soil and construction and demolition debris from the Manhasset Station staged at the Manhasset Substation site was accomplished. Reports of the Construction Excavation work, the UIC work and the Staged Soil work are being made available in the site's document repository.

Further, the Department has issued comments on the Investigation Report and it is in the process of being finalized. The LIRR will finalize the Investigation Report and also develop the Remedial Action Work Plan to implement the clean up. Release of the Remedial Action Work Plan begins a process to finalize selection of the remedy for the Manhasset Substation. The Remedial Action Work Plan will be made available at the repositories identified below. Your written comments about the Remedial Action Work Plan are welcome during the public comment period which will run for 30 days once the Remedial Action Work Plan is released to the repositories. You will be notified of this release by another Fact Sheet mailed to you with the dates of the comment period.

### Document Repositories for Manhasset Substation:

**Manhasset Public Library**  
30 Onderdonk Avenue  
Manhasset, NY 11030  
M, W, Th 9:00 AM - 9:00 PM  
Tu 11:00 AM - 9:00 AM  
F 9:00 AM - 5:30 PM  
Sa 9:00 AM - 5:00 PM  
Su 1:00 PM - 5:00 PM  
Phone: (516) 627-2300

## SITE DESCRIPTION & BACKGROUND

The Manhasset Substation is approximately 1,650 square feet in size and located in a residential neighborhood. The site consists of a single-story brick building situated next to a transformer yard. The substation utilizes drainage structures on-site. The site location is shown on the attached map.

This site is a part of the 20 LIRR Substations that were identified with mercury contamination in Queens, Nassau, and Suffolk Counties.

The LIRR built, owned, and operated their substations from the early 1930s. Until the 1980s, the substations housed mercury rectifiers, devices used to power LIRR locomotives and electric passenger car fleets. During the 1980s, the mercury rectifiers were removed from the substations and replaced with non-mercury containing solid state equipment. However, past work practices during the operation and maintenance of the mercury rectifiers may have affected the site and surrounding environment.

LIRR intends to continue its use of this site as a substation complex.

## PREVIOUS INVESTIGATION CONCLUSIONS

The site has had previous environmental investigations which identified mercury contamination inside the substations in areas near the former mercury rectifier, immediately surrounding the substation's entrance and exit areas, and within various underground pits. The groundwater sampling results from the previous site assessment indicated that groundwater, at a depth of approximately 75 feet below ground surface, has not been contaminated by mercury.

documents are generated during the remedial process, they will be added to the repositories. Documents currently available include:

August 2002 Site Specific Health & Safety Plan	December 10, 2003 Staged Soil Investigation Work Plan
September 2002 Investigation Work Plan including letter addenda dated October 1, 2002 and October 29, 2002	April 6, 2004 Supplemental Delineation Phase 2 Sampling Program, Final Sampling Plan
October 2002 Construction Excavation Work Plan	September 2004 Underground Injection Control Closure Report
November 2002 Underground Injection Control Closure Plan	September 2004 Construction Excavation Completion Report
October 3, 2003 Supplemental Delineation Phase 2 Sampling Program	October 4, 2004 Staged Soil Removal Report

**For More Information:** Call or write the following staff for more information about:

### Investigation at the Manhasset Site:

Ms. Tara Diaz  
Project Manager  
NYSDEC  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7015  
Phone: (518) 402-9621

### Health-Related Concerns:

Ms. Becky Mitchell  
NYSDOH  
Flanigan Square, 547 River Street  
Troy, NY 12180-2216  
Phone: (518) 402-7880 or  
1-800-458-1158 ext. 27870

To stay informed about activities at the LIRR Manhasset Substation site throughout the remediation process, you are encouraged to take advantage of the site's document repositories and staff contacts listed in this fact sheet. As

## CITIZEN PARTICIPATION