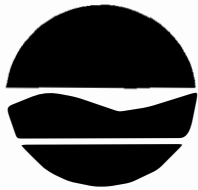


NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

Dear Interested Citizen:

This fact sheet will inform you about the site investigation planned for the Long Island Rail Road Yaphank Site, located in the Town of Brookhaven.

An environmental investigation is being done to determine the nature and extent of contamination in the soil and groundwater at the site. The Long Island Rail Road is performing this investigation under the supervision of the New York State Department of Environmental Conservation.

The remedial investigation work plan is 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 personnel identified on this fact sheet.

# FACT SHEET

October 2003

Long Island Rail Road (LIRR) Yaphank Site  
Site No. V00384-1  
Brookhaven, NY

## Remedial Investigation Planned for LIRR Yaphank Site

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The New York State Department of Environmental Conservation (NYSDEC), working cooperatively with the New York State Department of Health (NYSDOH), the Long Island Rail Road (LIRR) and LIRR's environmental consultant, have developed a remedial investigation work plan and have scheduled field work to investigate the nature and extent of soil contamination at the LIRR Yaphank site located in the Town of Brookhaven, New York. The work will be carried out by the current owner, LIRR, identified as the potentially responsible party for the site, under the provisions of the NYSDEC Voluntary Cleanup Program.

**The Proposed Action:** Subsurface investigations of soil and groundwater quality will be conducted at the site to define the nature and extent of the soil contamination previously identified on-site during preliminary investigations. The remedial investigation (RI) work plan is available for public review at the document repositories listed below. The field work is scheduled to begin in October 2003. A RI report will be generated at the conclusion of the RI activities. After reviewing the investigation report, the NYSDEC will determine if remediation of the site is necessary.

### Document Repositories:

#### NYSDEC, Region 1 Office

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

#### Public Library

Mastics-Moriches-Shirley-  
Community Library  
407 William Floyd Parkway  
Shirley, NY 11967-3492  
M-Thurs 9:00 AM - 9:00 PM  
Fri 9:00 AM - 6:00 PM  
Sat. 9:00 AM - 5:00 PM  
Sun 12 Noon - 4 PM  
(Sunday hours are only from  
Mid-September thru Mid-June)  
Phone: (631) 399-1511

## Remedial Investigation

### BACKGROUND

The investigation to be conducted at the LIRR Yaphank site is called a voluntary cleanup investigation and is implemented under the provisions of the Voluntary Cleanup Program (VCP). The VCP was established in New York to address the environmental, legal, and financial barriers that often hinder the redevelopment and reuse of contaminated properties. In October 2002, the NYSDEC and LIRR signed a voluntary cleanup agreement to conduct an environmental investigation at the LIRR Yaphank Site located in the Town of Brookhaven. LIRR submitted the RI work plan for the site in August 2003 to the NYSDEC.

The Yaphank site is approximately 3.5 acres in size and is located east of Southaven County Park and River Road and south of the LIRR Main Line Track. The site is currently undeveloped and is primarily open space with sparse vegetation. The site is not actively used by the LIRR. A site location map can be found on page 3 of this fact sheet.

There are no known records regarding the prior operations conducted at the LIRR Yaphank site, but anecdotal information indicates that this site was used as a general disposal area for railroad-related waste from the 1950s to the early 1970s. It is believed that waste was generated from railroad track maintenance activities and, possibly, from electric and diesel train repair shops.

### PREVIOUS INVESTIGATION CONCLUSIONS

The LIRR completed a preliminary soil and groundwater sampling program at the site in the early 1990's. The results of the preliminary sampling revealed that the metal-contaminated soils existed on site.

The LIRR completed a preliminary site assessment (PSA) in April 1998. The associated field program included the completion of soil borings, test pits and the installation and sampling of monitoring wells. Results of this program indicated elevated levels of

semi-volatile organic compounds and metals, including arsenic, copper, lead and mercury, in on-site surface and subsurface soil samples above NYSDEC recommended soil cleanup objectives. The groundwater sampling results indicated that groundwater was not significantly impacted by site conditions.

The LIRR conducted a Supplemental PSA in 1999 in order to further delineate the extent of existing subsurface conditions. As part of the associated field program, on-site and off-site soil sampling was performed and additional on-site and off-site monitoring wells were installed and sampled. An extensive water supply survey was also conducted to determine if the nearby public was utilizing groundwater within the vicinity of the site. Results of the Supplemental PSA identified additional on-site and off-site surface and subsurface soil which exhibited levels of several metals in excess of the NYSDEC recommended soil cleanup objectives. The groundwater sampling results indicated that groundwater was not significantly impacted by site conditions. Results of the water supply survey did not identify any active private water supply wells within a half-mile radius downgradient of the site. In addition, all occupied dwellings and businesses within a half-mile radius downgradient of the site were identified as being connected to the public water supply system.

### CITIZEN PARTICIPATION

To stay informed about activities at the LIRR Yaphank site throughout the investigation and remediation process, you are encouraged to take advantage of the site's document repositories and contacts listed on this fact sheet. As documents are generated during the remedial process, they will be added to the repositories. Documents currently available include the Site Specific Health & Safety Plan dated July 2003, revised September 2003; Remedial Investigation Work Plan dated April 2003, revised October 2003; Remedial Investigation Fact Sheet dated October 2003, and the Voluntary Cleanup Agreement dated October 2002.

## Contact List:

### Environmental Concerns

Ms. Nancy Garry, project manager  
NYSDEC  
Division of Environmental Remediation  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7015  
Phone: (518) 402-9621

### Health-Related Concerns

Mr. Ian Ushe  
NYSDOH  
Flanigan Square, 547 River Street  
Troy, NY 12180-2216  
Phone: (518) 402-7880 or  
1-800-458-1158 ext. 27880

## LIRR Yaphank Site location map



Attn.: Nancy  
Remedial  
NYS  
Environmental  
625 Broadway,  
Albany, NY

Garry  
Bureau A  
Department of  
Conservation  
11<sup>th</sup> Floor  
12233-7015