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## *Fact Sheet*

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February 2001

# **Dewey Loeffel Inactive Hazardous Waste Disposal Site**

**SITE ID # 442006**

**Nassau, Rensselaer County**

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## **INTERIM REMEDIAL MEASURE TO BE UNDERTAKEN TO REMOVE PCB CONTAMINATED SOILS AND SEDIMENT**

The New York State Department of Environmental Conservation (NYSDEC) has reached an agreement with the General Electric company which will result in the removal of 4,918 cubic yards of PCB contaminated soils and sediment in the vicinity of Mead Road Pond, adjacent to the Dewey Loeffel inactive hazardous waste disposal site on Mead Road in the Town of Nassau, Rensselaer County. This action will be undertaken as an Interim Remedial Measure (IRM), and is intended to permanently abate these areas as sources of PCB to the Valatie Kill/Nassau Lake drainage basin and as potential sources of human exposure to the PCB within these soils and sediments.

### **INTRODUCTION**

The Dewey Loeffel inactive hazardous waste disposal site is located on Mead Road in the Town of Nassau, Rensselaer County. The site was used for the disposal of solvents, waste oils, PCBs, scrap materials, sludges, and solids from 1952 to 1968. The site was the subject of a remedial

program in 1984-85, when a cap and slurry wall were installed to prevent further migration of contaminants away from the disposal site. However, no agreement could be reached at that time with the responsible parties for the site to address off-site impacts. Recently, the Department has selected additional remedial measures to upgrade the water management system at the site, and to recover and treat contaminated groundwater from the bedrock aquifer beneath and to the south of the disposal site. For further information related to site history, remedial history, and selection of the additional remedial measures, please see the Record of Decision issued by the Department in January, 2001.

An off-site impact related to pre-closure releases of PCB from the disposal site is the contamination of surface waters, soils and sediments in the Valatie Kill/Nassau Lake drainage basin. The primary drainage leaving the disposal site was to the northwest, along Mead Road through a low-lying area to Mead Road Pond a short distance away. A small unnamed tributary to the Valatie Kill (referred to as T11A of the Valatie Kill) drains Mead Road Pond into the Valatie Kill. Approximately two miles downstream of T11A, the Valatie Kill enters Nassau Lake, an impoundment of the Valatie Kill. Figure 1, attached, is a map showing the location of the disposal site, the surface water system including Nassau Lake, and the areas to be addressed by this IRM.

PCB from the Dewey Loeffel site has been identified in samples taken throughout T11A, the reach of the Valatie Kill between T11A and Nassau Lake, and in Nassau Lake. The areas to be addressed in the IRM represent the furthest upstream currently active sources of PCB to the Valatie Kill/Nassau Lake surface water system.

### **DESCRIPTION OF THE INTERIM REMEDIAL MEASURE**

The IRM will be performed by General Electric, under the oversight of NYSDEC. The project is scheduled to begin in April 2001, and is anticipated to take six months to complete.

The areas which will be addressed by this action are generally shown in Figure 1, attached. They are:

- Mead Road Pond (850 cubic yards to be removed)
- Mead Road Pond Inlet (adjacent to Mead Road Pond; 25 cubic yards to be removed)
- Mead Road Pond Outlet (adjacent to Mead Road Pond; 25 cubic yards to be removed)
- Mead Road Pond Spoil Banks (adjacent to Mead Road Pond; 2,674 cubic yards to be removed)
- Northwest Drainage Ditch (1,092 cubic yards to be removed)
- Low-lying Area (252 cubic yards to be removed)

The total volume of soils and sediments to be removed is 4,918 cubic yards. NYSDEC estimates that the removals in the vicinity of Mead Road Pond will result in the removal of approximately 165 pounds of PCB; the removals in the Northwest Drainage Ditch will result in the removal of approximately 46 pounds of PCB; and the removals in the Low-lying Area will result in the removal of approximately 3 pounds of PCB.

The removals of soils and sediments will be accomplished by excavation in the dry after diversion of the impacted drainageways. The removed soils and sediments will be disposed in appropriate, properly licensed off-site disposal facilities.

Monitoring will be performed during the work to ensure that releases of contaminants is minimized, and to protect both site workers and the public. Any waters generated in the project will be treated prior to discharge. Air monitoring will be done during the project in accordance with NYSDEC guidance to determine the appropriate dust control measures.

### **UPCOMING PROPOSED REMEDIAL ACTION PLAN**

The Department is currently on schedule to release for public comment the Proposed Remedial Action Plan (PRAP) to address the PCB impacted portion of the Valatie Kill/Nassau Lake surface water system before April 2001. The pending IRM will not result in a delay in issuing the PRAP. The performance of the IRM will be taken into account in developing the preferred alternative in the PRAP.

#### **Document Repositories**

Documents pertaining to the site, such as the PRAP, Remedial Investigation and Feasibility Study reports, are available for public review at the repositories listed below.

Nassau Library  
Church Street  
Nassau, New York 12123

NYSDEC Division of Environmental Remediation  
Room 242, 50 Wolf Road  
Albany, New York 12233

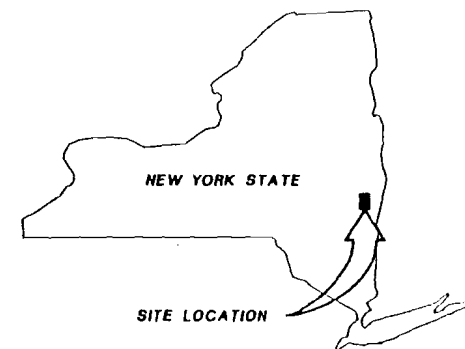
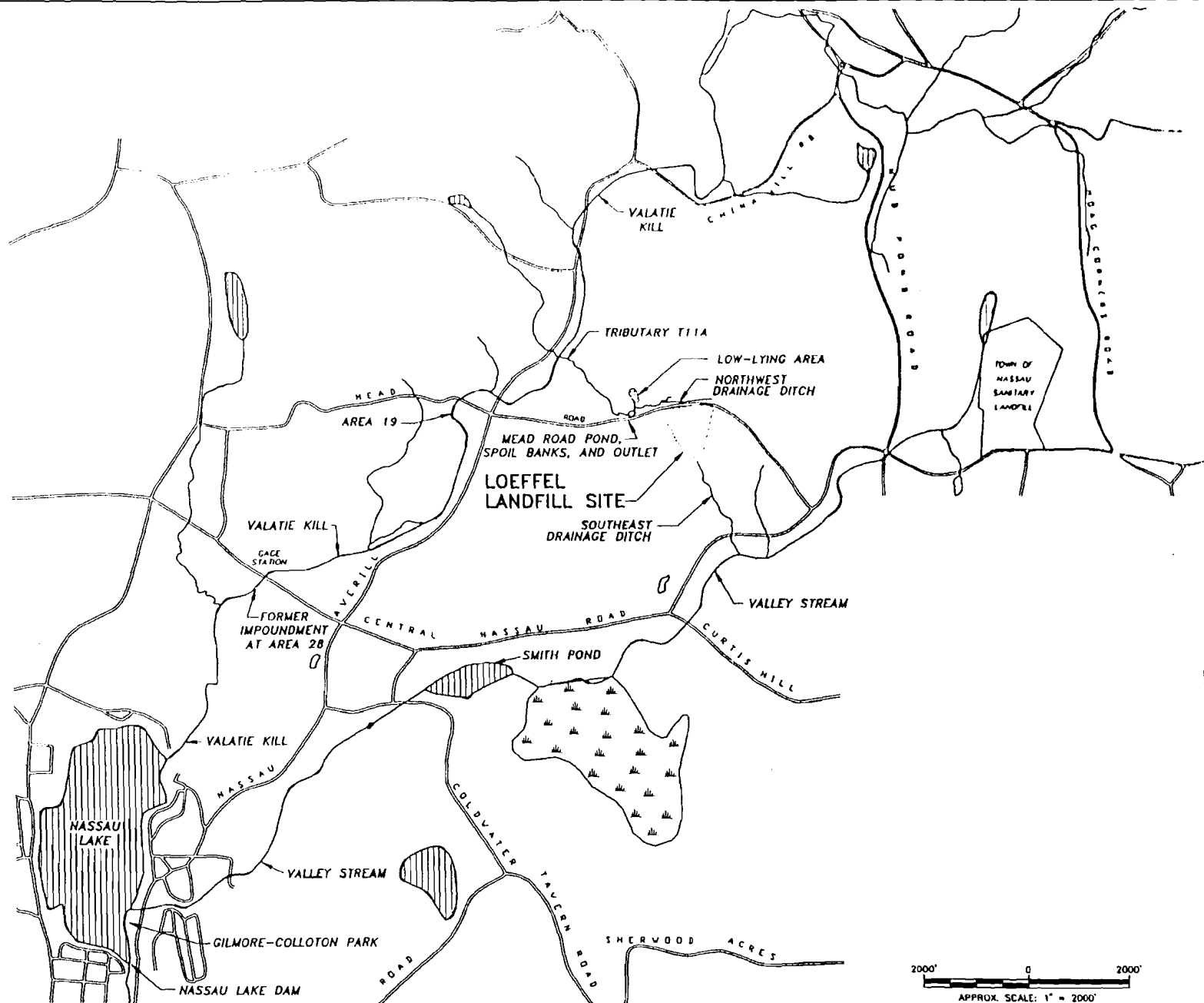
#### **For Further Information**

If you have any questions or comments concerning the proposed IRM, please contact:

NYSDEC Project Manager  
James N. Ludlam, P.E.  
NYS Dept. Of Envir. Conservation  
50 Wolf Road, Albany, NY 12233-7010  
Telephone: 518-457-5637

#### For site-related health concerns:

John Sheehan  
NYS Department of Health  
Flanigan Square  
547 River Street  
Troy, NY 12180  
Telephone 518-402-7890



LOEFFEL SITE ENVIRONS  
FEASIBILITY STUDY REPORT

SITE LOCATION PLAN

**BBL** BLASLAND, BOUCK & LEE, INC.  
engineers & scientists

FIGURE  
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