

*Mike Cox*

# Fact Sheet

December 1997

North Lawrence Oil Dump Site 6-45-013  
Town of Lawrence, New York  
NYS DEC Region 6, St. Lawrence County

NEW YORK STATE  
DEPARTMENT OF



ENVIRONMENTAL  
CONSERVATION

## Remedial Work Completed at the North Lawrence Oil Dump Site

Remedial cleanup of the North Lawrence oil dump hazardous waste site was completed on October 22, 1997. The cleanup was performed by IEM Sealand Construction, Inc., which submitted the lowest bid to New York State for the cleanup in the amount of \$975,870.

### *Location and Background*

The North Lawrence Oil Dump site is located adjacent to McAuslen Road approximately 1/3 of a mile east of Cemetery Road in the Township of Lawrence, St. Lawrence County.

The dump is an inactive hazardous waste site that consists primarily of a waste disposal lagoon. The lagoon is approximately 600 feet long and 75 feet wide and is immediately adjacent to a state regulated 150-acre wetland and a former municipal dump. During the mid-to-late-1960s, the lagoon was operated as a disposal area and received waste oils and oil sludge.

The site is currently listed as a class 2 site on the New York State Registry of Inactive Hazardous Waste sites. A class 2 site is defined as a site where the presence of hazardous waste has been confirmed and the site poses a "significant threat to the public health or the environment - action required."

On March 31, 1993, the New York State Department of Environmental Conservation (DEC) issued a Record of Decision (ROD) for the North Lawrence Oil Dump Site. The ROD presented the remedial action that was selected. The selection was based on the findings of the Remedial Investigation and Feasibility Study (RI/FS) completed in March 1993 and public comments gathered during the public comment period. The RIFS determined that contaminated soils in the lagoon and wetland sediments had contained PCBs, inorganics (metals), and volatile and semi-volatile organic compounds in excess of state and federal guidance. The risk assessment identified that site contamination presents an increased risk to plant and animal communities in the wetland.

*m. Cox*  
*12-18-97*

***For more information  
about the site cleanup  
program contact:***

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Environmental  
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(800) 342-9296

***For more information  
about health-related  
site concerns contact:***

Mr. John Sheehan  
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Albany, NY 12233-7010  
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## ***Cleanup Actions at the Site***

DEM Sealand Construction, Inc. performed the following cleanup work:

1. Excavated the top 2-4 feet of contaminated soils in the lagoon and 6-12 inches of sediments in selected areas of the wetland near the lagoon, where concentration of PCBs, lead and/or mercury exceeded cleanup level.
2. Solidified/stabilized soils and sediments by mixing in Portland Cement and tested the cured mix for leachability and the presence of contaminants. Proved that the contamination was stabilized in the treated soil and its ability to leach out from the soil was significantly reduced.
3. Placed the cured mix of materials from the lagoon and wetland in the on-site disposal cell which was constructed above the groundwater table.
4. Constructed a low permeability cap over the treated material to minimize the effects of rain and snow melt on the treated materials and to reduce leachate from the mound. The cap consisted of a 6-inch vegetative soil layer overlying 30 inches of barrier protection made of soils, a polyethylene liner, a geotextile fabric and a 12-inch gas venting layer.
5. Restored the wetlands and the lagoon by placing clean soil in both.
6. Constructed a chain link fence around the disposal cell.

The excavation of contaminated soils and sediment in the lagoon began in the middle of September, 1996. A total of 7,400 cubic yards (30% more than expected) of contaminated soils and sediments were excavated, solidified and placed in the on-site disposal cell under the impermeable cap. Finally, the disposal cell area was seeded and fenced.

During the work, the contractor implemented a Health & Safety Plan specially developed for the site to protect its employees and the community. The remedial work was inspected daily by a full-time consultant's inspector and DEC's on-site representative.

## ***Future Activities***

ABB, the project consultant for the North Lawrence site, is developing an Operation & Maintenance (O&M) plan. Future O&M activities include periodic inspections of the disposal cell, fence and monitoring of the quality of groundwater. Also, some time in November 2000 DEC will perform one round of bio-sampling on wetland species. This will help verify the effectiveness of the remedy by measuring changes in the bio-accumulation of contaminants in living organisms.

