

## **Lake Ontario Ordnance Works and Niagara Falls Storage Site**

The former Lake Ontario Ordnance Works (LOOW) site contains chemical contamination and is located within the Towns of Lewiston and Porter in Niagara County, NY. The original site encompassed 7,500 acres, but Department of Defense activities only occurred on 2,500 acres. Within this 2,500 acres, there is a 191-acre portion called the Niagara Falls Storage Site (NFSS). Only the NFSS portion contains radioactive residues.

During World War II, the Army manufactured Trinitrotoluene (TNT) for about nine months at the LOOW Site. The facilities on this site included a power plant, hospital, fire department, water supply system, and waste treatment system. The Army Corps of Engineers is responsible for investigating and cleaning up the chemical contamination on the LOOW Site resulting from Department of Defense activity at the site. These actions are conducted in accordance with the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS). The site is undergoing a comprehensive site-wide Remedial Investigation/Feasibility Study.

To address the immediate cleanup of contamination at a site, the Corps produces an Engineering Evaluation/Cost Analysis (EE/CA). The Corps has produced two EE/CA's for the LOOW site. A cleanup to remove a TNT waste pipeline and chemical waste sewer pipeline on the Chemical Waste Management (CWM) owned portion of the LOOW site is underway. The Corps released an EE/CA to recommend action to clean up a chemically contaminated drum and trash pit on the CWM portion for public comment September 11, 2000.

The Niagara Falls Storage Site is a 191-acre portion of the Former Lake Ontario Ordnance Works Site. The facility was used by the Manhattan Engineer District for storing radioactive residues and wastes from uranium ore processing. The U. S. Army Corps of Engineers maintains site security, environmental surveillance, and monitoring of the site under the Formerly Utilized Sites Remedial Action Program. Approximately 250,000 cubic yards of radioactive wastes and residues are stored in an engineered containment structure that occupies about 10 acres of the site. The Corps is conducting a Remedial Investigation of the Niagara Falls Storage Site to identify the geographic extent of the contamination.