

## Former Lake Ontario Ordnance Works Site News from the Corps

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Hello from the U.S. Army Corps of Engineers Buffalo District:

The Remedial Investigation Report for the Occidental Chemical Corporation Property (OCCP) at Defense Environmental Restoration Program for Formerly Used Defense Site (DERP-FUDS) Lake Ontario Ordnance Works (LOOW) is available on the Buffalo District website at:

<http://www.lrb.usace.army.mil/Missions/HTRW/DERPFUDS/LakeOntarioOrdnanceWorks.aspx>

The report was prepared as part of the Corps' environmental response project conducted under DERP-FUDS in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act, as amended, and the National Oil and Hazardous Substances Pollution Contingency Plan. The purpose of this investigation was to define the nature and extent of Department of Defense (DoD) contaminants within the OCCP portion of the former LOOW Site, currently owned by the Occidental Chemical Corporation. The objectives of this investigation were: (1) to determine if DoD contaminants were present at the OCCP and (2) to assess risk to human health and/or the environment from DoD contaminants at the OCCP.

Main findings from the research and investigations performed for the OCCP Remedial Investigation are as follows:

- a. Based on the Human Health Risk Assessment (HHRA), there are no identified impacts related to human receptors or the environment at Area of Concern (AOC) 2, AOC 3, AOC 4, AOC 5, and AOC 6. No further environmental action or management is recommended for these AOCs.
- b. Risk associated with explosive residue [primarily trinitrotoluene (TNT)], lead, and hexavalent chromium in soil at AOC 1 may require further environmental action and management.
- c. Re-sampling and analysis for hexavalent chromium is recommended due to uncertainty with the analytical results for this constituent.
- d. The area of impacted soil in AOC 1 is approximately 3,300 square yards.
- e. Based on the Screening Level Ecological Risk Assessment (SLERA), there are no identified impacts to ecological receptors at the OCCP.

A feasibility study will be performed for soil, fill material, and redistributed soil associated with AOC 1.