



US Army Corps
of Engineers®
Buffalo District

Lake Ontario Ordnance Works

Management Action Plan

Fact Sheet

U.S. Army Corps of Engineers, Buffalo District • September 2009

The Defense Environmental Restoration Program (DERP) was established in 1986 to address contamination caused by Department of Defense (DoD) activities. Sites no longer owned by the DoD as of 17 October 1986 are addressed under the DERP Formerly Used Defense Sites (FUDS). The U.S. Army is the executive agent responsible for the DERP-FUDS. This fact sheet has been prepared to address community outreach needs and is consistent with provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Site Description and History

The former Lake Ontario Ordnance Works (LOOW) Site is located approximately 10 miles north of the City of Niagara Falls within the Towns of Lewiston and Porter in Niagara County, New York.

The original site encompassed approximately 7,500 acres and was established in 1942. Over 6,500 acres of the site meet the criteria of a Department of Defense (DoD) Formerly Used Defense Site (FUDS). During World War II, the U.S. Army built and operated a trinitrotoluene (TNT) plant on approximately 2,500 acres of the site known as the "developed zone." The remaining 5,000-acre "undeveloped zone" served as a "buffer area" around the TNT plant. The plant manufactured bulk TNT for approximately nine months and was decommissioned in 1943. The Buffalo District is conducting an environmental investigation on the former LOOW Site in accordance with the phased Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

Current owners of the former LOOW Site include local and Federal government, individual private residents, and private corporations. Additional information regarding the former LOOW Site can be found on the web at:

www.lrb.usace.army.mil/derpfuds/loow

Management Action Plan

Due to the size of the former LOOW, the number of current real estate tax parcels (over 550), and the variability in site use (e.g., from a school to a Subtitle C landfill), the planning, funding, and execution of environmental response activities (including closure of those areas not adversely impacted by Federal activities) has been challenging. The purpose of the LOOW Management Action Plan (MAP) is to integrate and

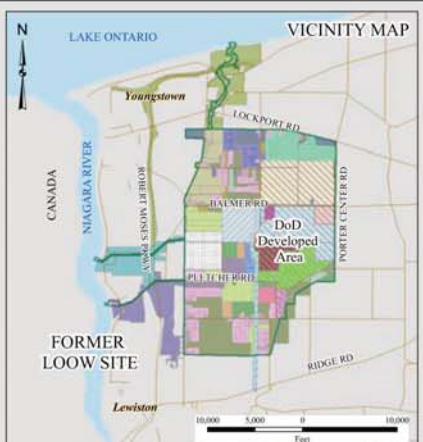
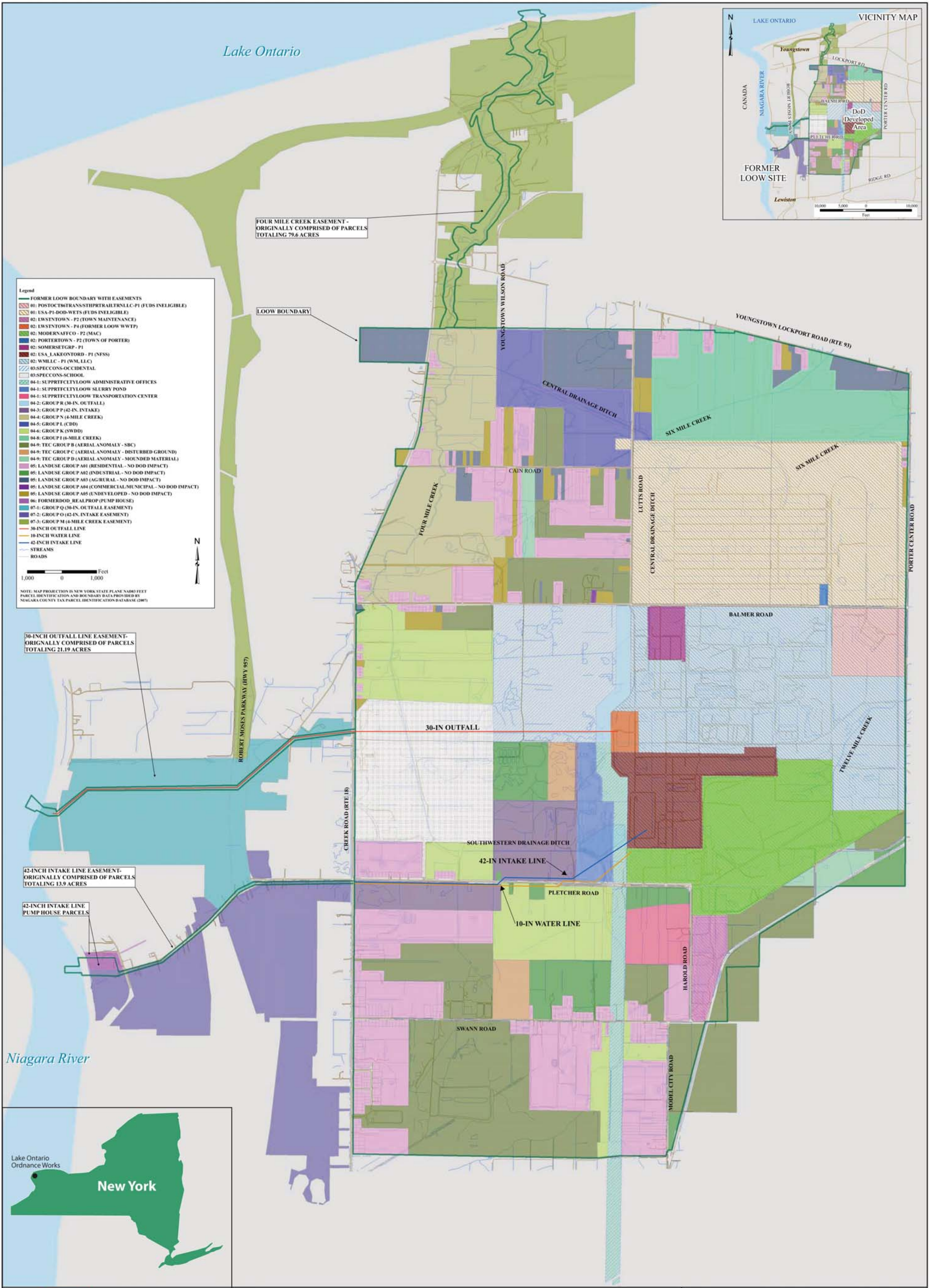
evaluate information from prior U.S. Army Corps of Engineers reports and relevant non-Corps sources to establish a single comprehensive agency planning document in which the Corps formally communicates findings, conclusions, and framework to achieve the objectives of the Corps' CERCLA responsibilities at the former LOOW Site for each parcel group.

For the MAP, a "parcel group" has been defined as a single parcel or multiple parcels with similar characteristics with regard to FUDS property eligibility, location relative to the developed area of LOOW, ownership, known or suspected DoD impacts, and land use. It is the unit for which each Property Management Action Plan (PMAP) was developed and for which findings, conclusions, and strategies for eventual closure are presented.

The over 550 parcels that comprise the former LOOW Site have been divided into 33 separate parcel groups which are shown on the next page.

The LOOW MAP is not intended to replace or serve as a formal CERCLA decision document, but rather as a planning document with an anticipated path forward for completion of the Defense Environmental Restoration Program (DERP) for FUDS mission at the property parcels comprising the former LOOW Site.

The MAP presents: objectives; methodologies; Corps' and other Federal, state, and local agency authority and responsibilities; summary of findings and strategy; and explains why and how each of the real property parcels, defined by the Niagara County Department of Real Property, were combined into "parcel groups."



Legend

- FORMER LOOW BOUNDARY WITH EASEMENTS
- 01: POSTOCT86TRANSSTRIPRAINTRNL-C-P1 (FUDS INELIGIBLE)
- 01: USA-P1-DOD-WETS (FUDS INELIGIBLE)
- 02: LWSTINTOWN - P2 (TOWN MAINTENANCE)
- 02: LWSTINTOWN - P4 (FORMER LOOW WWTP)
- 02: MODERN AFFCO - P2 (MAC)
- 02: PORTERTOWNS - P2 (TOWN OF PORTER)
- 02: SOMERSETGRP - P1
- 02: USA, LAKEONTORD - P1 (NFSS)
- 02: WMLLC - P1 (WM, LLC)
- 03: SPECCONS-OCcidental
- 03: SPECCONS-SCHOOL
- 04-1: SUPPRFCITYLOOW ADMINISTRATIVE OFFICES
- 04-1: SUPPRFCITYLOOW SLURRY POND
- 04-1: SUPPRFCITYLOOW TRANSPORTATION CENTER
- 04-2: GROUP R (30-IN. OUTFALL)
- 04-3: GROUP P (42-IN. INTAKE)
- 04-4: GROUP N (4-MILE CREEK)
- 04-5: GROUP I (CDD)
- 04-6: GROUP K (SWBD)
- 04-8: GROUP F (6-MILE CREEK)
- 04-9: TEC GROUP B (AERIAL ANOMALY - SRC)
- 04-9: TEC GROUP C (AERIAL ANOMALY - DISTURBED GROUND)
- 04-9: TEC GROUP D (AERIAL ANOMALY - MOUNDED MATERIAL)
- 05: LANDUSE GROUP A01 (RESIDENTIAL - NO DOD IMPACT)
- 05: LANDUSE GROUP A02 (INDUSTRIAL - NO DOD IMPACT)
- 05: LANDUSE GROUP A03 (AG-RECREAL - NO DOD IMPACT)
- 05: LANDUSE GROUP A04 (COMMERCIAL/MUNICIPAL - NO DOD IMPACT)
- 05: LANDUSE GROUP A05 (UNDEVELOPED - NO DOD IMPACT)
- 06: FORMERDOD_REALPROP (PUMP HOUSE)
- 07-1: GROUP Q (30-IN. OUTFALL EASEMENT)
- 07-2: GROUP O (42-IN. INTAKE EASEMENT)
- 07-3: GROUP M (4-MILE CREEK EASEMENT)
- 36-INCH OUTFALL LINE
- 18-INCH WATER LINE
- 42-INCH INTAKE LINE
- STREAMS
- ROADS

NOTE: MAP PROJECTION IS NEW YORK STATE PLANE NAD83 FEET
 PARCEL IDENTIFICATION AND BOUNDARY DATA PROVIDED BY
 NIAGARA COUNTY TAX PARCEL IDENTIFICATION DATABASE (2007)

30-INCH OUTFALL LINE EASEMENT -
 ORIGINALLY COMPRISED OF PARCELS
 TOTALING 21.19 ACRES

42-INCH INTAKE LINE EASEMENT -
 ORIGINALLY COMPRISED OF PARCELS
 TOTALING 13.9 ACRES

42-INCH INTAKE LINE
 PUMP HOUSE PARCELS



**LAKE ONTARIO ORDNANCE WORKS
 NIAGARA COUNTY, NEW YORK**

**SUMMARY OF
 MANAGEMENT ACTION PLAN
 PARCEL GROUPINGS**

Administrative Record File

The Administrative Record File for the former LOOW Site contains documents that support the decision-making process for the site. It is available for your review at the following locations:

U.S. Army Corps of Engineers
1776 Niagara Street
Buffalo, New York 14207 (by appointment only)

Town of Lewiston Public Library
305 South 8th Street
Lewiston, NY 14092

Youngstown Free Library
240 Lockport Street
Youngstown, NY 14174

For More Information

Call the toll-free public access line:

1-800-833-6390

The Buffalo District Web Page address
for the former LOOW Site is:

www.lrb.usace.army.mil/derpfuds/loow

Electronic mail can be sent to us at:

derpfuds@usace.army.mil

Please let us know if you would like to be included
on the electronic or postal mailing list for the
former LOOW Site.

You may also contact us by writing to the:

**U.S. Army Corps of Engineers
DERPFUDS Team
1776 Niagara Street
Buffalo, NY 14207**