



US Army Corps
of Engineers
New York District

*Former Lake Ontario Ordnance Works, NY
Interim Cleanup Actions*

FACT SHEET

August 1991

DESCRIPTION:

Lake Ontario Ordnance Works was located within the Towns of Lewiston and Porter in Niagara County, New York, NY-25, about 10 miles north of the City of Niagara Falls. The original site encompassed 7,500 acres, but Department of Defense (DOD) activities only occurred on 2,500 acres. For 9 months during World War II, the Army manufactured TNT at a facility on the site which included a power plant, hospital, fire department, water supply system, and a waste treatment system. The majority of the property was sold to private interests in 1943 after the TNT plant was decommissioned, but the Government retained the former active 2,500-acre portion of the site. Between 1953 and 1955, a portion of the site was used to produce high-energy rocket fuel. As DOD operations ceased the property was sold. Chemical Waste Management, Somerset Group, and Lewiston are the current owners of the site. With the exception of the hazardous waste treatment, storage and disposal facility operated by Chemical Waste Management, a large portion of the remainder of the site has not been developed, since the property was transferred by the Government.

PROJECT DESCRIPTION:

An initial Corps investigation of the former ordnance works identified residues in the remains of the waste treatment systems on-site, and it also identified several areas where wastes were buried or left behind. Trinitrotoluene (TNT) residues were found in one waste system on-site, and high levels of organic compounds were found in the sludge in the other waste system. Drums containing acetone and other organic compounds were buried in Area A on the enclosed map. Soils and surface water in an adjacent burn pit used for the incineration of lithium, kerosene, and other substances, Area B, were found to contain elevated levels of metals, particularly boron and lithium. In addition, asbestos containing materials, 1-55 gallon drum of oil, and several containers of chemicals were found in buildings used for the production of the high energy fuels.

STATUS:

Final plans and specifications for the interim cleanup are being developed and should be completed in 1998. Under these plans, the pipelines containing TNT residues will be removed and treated on-site. The other waste pipelines will be cleaned and sealed in place. Contaminated soils and waters from all other areas will be removed and taken off-site for disposal.

Current issues: Limited funds available for Formerly Used Defense Site Program could delay start of interim cleanup until 1999.

Future planned activities:

- Initiate interim cleanup

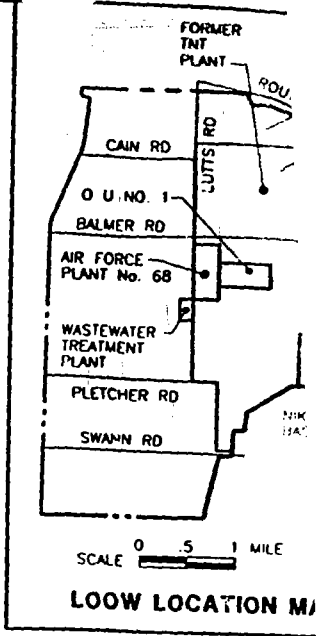
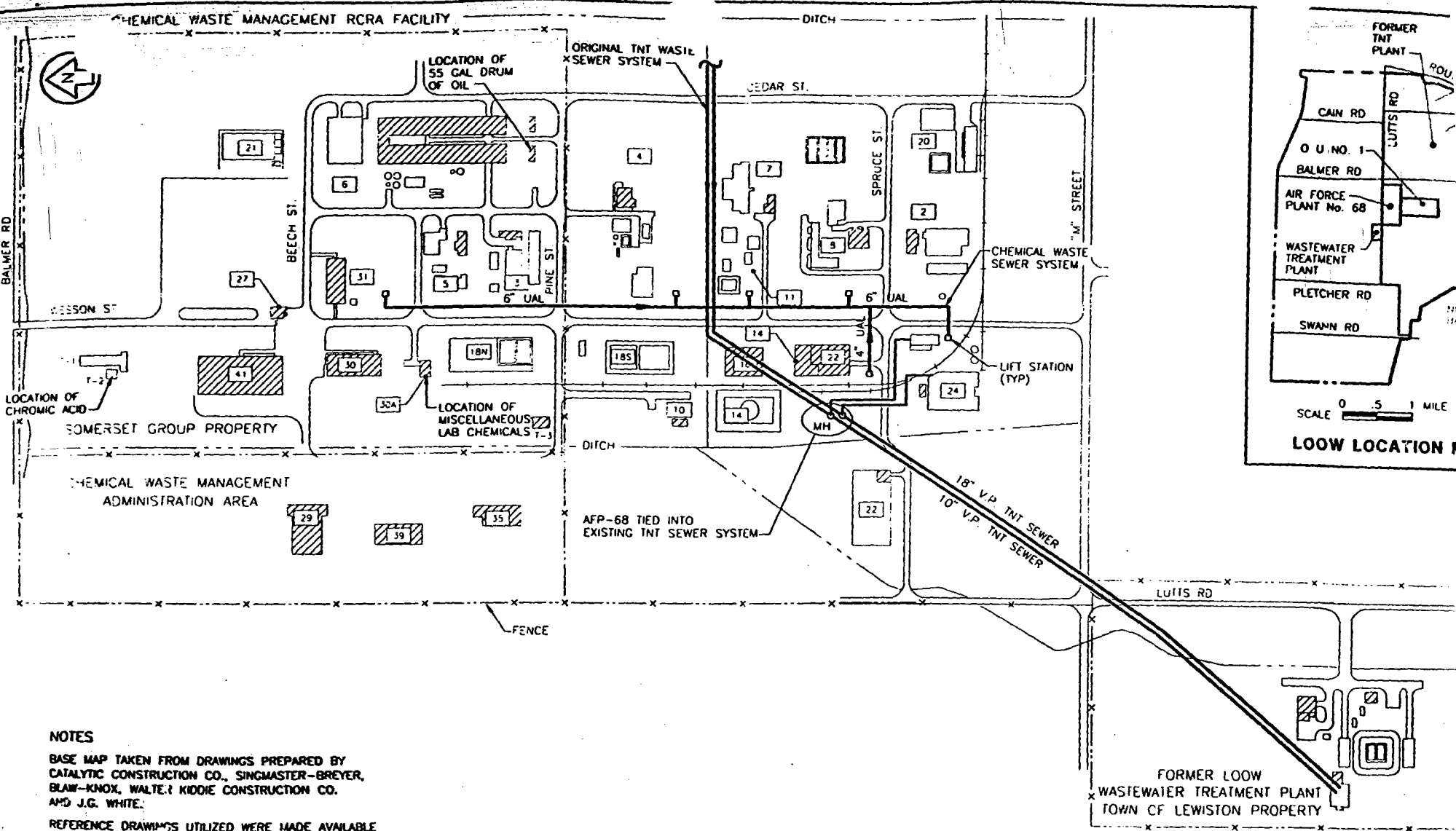
PROJECT COST:

Estimated Federal Cost	\$13,000,000
Estimated Non-Federal Cost	\$0
Total	\$13,000,000

CONTACT:

David J. Brouwer, Project Manager, (908) 435-0079

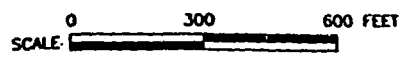
POSS1828 WHI 11/23/94 DRG003.DWG



NOTES

BASE MAP TAKEN FROM DRAWINGS PREPARED BY CATALYTIC CONSTRUCTION CO., SINGMASTER-BREYER, BLAW-KNOX, WALTER KIDDIE CONSTRUCTION CO. AND J.G. WHITE.

REFERENCE DRAWINGS UTILIZED WERE MADE AVAILABLE BY THE SOMERSET GROUP, INC.



**LAKE ONTARIO ORDANCE WORKS
AREAS IDENTIFIED FOR REMOVAL ACTION
AIR FORCE PLANT NO. 68**



WOODED AREA

AREA B

FORMER SURFACE DEPRESSION

AREA A

FORMER BURN PIT
BERMS AND SEDIMENTS

BURIED DRUM
TRENCH

"H" STREET

"K" STREET

SLF 12

SLF 7

TNT PIPELINE

10' V.P.

10' V.P.

10' V.P.

10' V.P.

18' V.P.

18' V.P.

15' V.P.
NORTH SALTS POND

12' V.P.

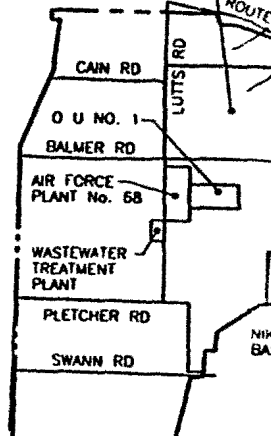
10' V.P.

LAGOON 7

LAGOON 6

ACCESS RD. 12

FORMER
TNT
PLANT



SCALE 0 .5 1 MILE

LOOW LOCATION MAP

AREAS IDENTIFIED FOR REMOVAL ACTIONS

1. AREA A - BURIED DRUM TRENCH
2. AREA B - BURN PIT BERMS AND SEDIMENTS
- FORM SURFACE DEPRESSION
3. TNT SEWER PIPELINE

LAKE ONTARIO ORDNANCE WORKS AREAS IDENTIFIED FOR REMOVAL ACTIONS OPERABLE UNIT NO. 1

SCALE 0 200 400 FEET

FIGURE 2-18

