

FACT SHEET

CONSTRUCTION DEBRIS LANDFILL (SEAD-11)

SENECA ARMY DEPOT ACTIVITY

ROMULUS, NEW YORK

EPA Site ID # NY0213820830

NYS Site ID #8-50-006

June 10, 2004

INTRODUCTION

The Department of the Army has completed a Final Action Memorandum for Removal Action at SWMU SEAD-11 at the Seneca Army Depot Activity (SEDA). SEDA is a 10,587-acre military facility located in Seneca County, Romulus, New York, which has been owned by the United States Government and operated by the Department of the Defense since 1941 (see Figure 1). SEDA was included on the National Priorities List (NPL) in August 1990. The Environmental Protection Agency (EPA), New York State Department of Environmental Conservation (NYSDEC), and the Army entered into an agreement, called the Federal Facility Agreement (FFA), also known as the Interagency Agreement (IAG). In October 1995, SEDA was designated as a facility to be closed under the provisions of the Base Realignment and Closure (BRAC) process.

The Construction Debris Landfill, SEAD-11, is located in the southwestern portion of SEDA (see Figure 2). A non-time critical removal action at SEAD-11 has been proposed to eliminate or significantly reduce the potential for human or environmental exposure to contamination through uncontrolled releases of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals to groundwater from contaminated soils.

INVESTIGATION RESULTS

- Two areas in the landfill area were identified where elevated concentrations of volatile organic compounds (VOCs) (greater than 2.0 parts per million per volume [ppmV]) in soil gas were detected, including: vinyl chloride, 1,2-dichloroethene, trichloroethene (TCE), toluene, and ethylbenzene.
- Two VOCs, acetone and TCE, were detected in the soils at concentrations above their respective TAGM criteria. A total of 16 semi-volatile organic compounds (SVOCs) were found at concentrations above TAGM in the soil samples analyzed.
- Tetrachloroethene and TCE were detected in groundwater samples at concentrations below their respective NYS Class GA standard.

- Electromagnetic surveys identified buried metallic anomalies over the entire landfill with a higher concentration of buried metallic anomalies located in the northeastern portion of the landfill.
- Test pitting uncovered crushed 55-gallon drums and other metal containers and debris in the landfill.

CLEANUP RECOMMENDATIONS

The Army recommends a non-time critical removal action be conducted at this site, which includes the following actions:

- Excavate the entire landfill (approximately 36,300 cubic yards of soils);
- Screen out and dispose of drums and debris off-site;
- Conduct confirmatory sampling prior to soil disposal off-site or soil being backfilled on-site.
- Characterize any groundwater generated during the removal action and treat prior to discharge, if necessary.

SITE REMEDIAL HISTORY

1990: SEDA was added to the federal section of the NPL.

1995: SEDA was designated for closure under the Department of Defense's Base Realignment and Closure (BRAC) Process.

SEAD-11 was initially investigated and results were included in the "ESI Report for Three Moderately High Priority SWMUs" (Parsons, 1995).

2000: Additional groundwater sampling and test pit excavations were conducted and results were presented in the "Final Action Memorandum for Removal Action at SWMU SEAD-11" (Parsons, 2003).

2004: In a letter dated January 26, 2004, NYSDEC approved the proposed removal action. EPA concurred with the removal action.

STATUS

The Expanded Site Investigation (ESI) began in 1993 and Additional Sampling Program conducted in October 2000 included the following:

- Geophysical survey
- Test pit excavations
- Two rounds of groundwater sampling
- Soil gas survey
- Surface and subsurface soil sampling

As a result of the investigation, elevated levels of VOCs and SVOCs were detected in the soils above State recommended criteria; levels of certain VOCs in groundwater below NYS standards were detected; and buried metallic anomalies were located and identified across the site. Since this land is planned for transfer as a conservation/recreation area, and in order to reduce the potential for human or environmental exposure to contamination, a removal action at this site is planned. It is anticipated that this removal action will be completed in Fall 2005.

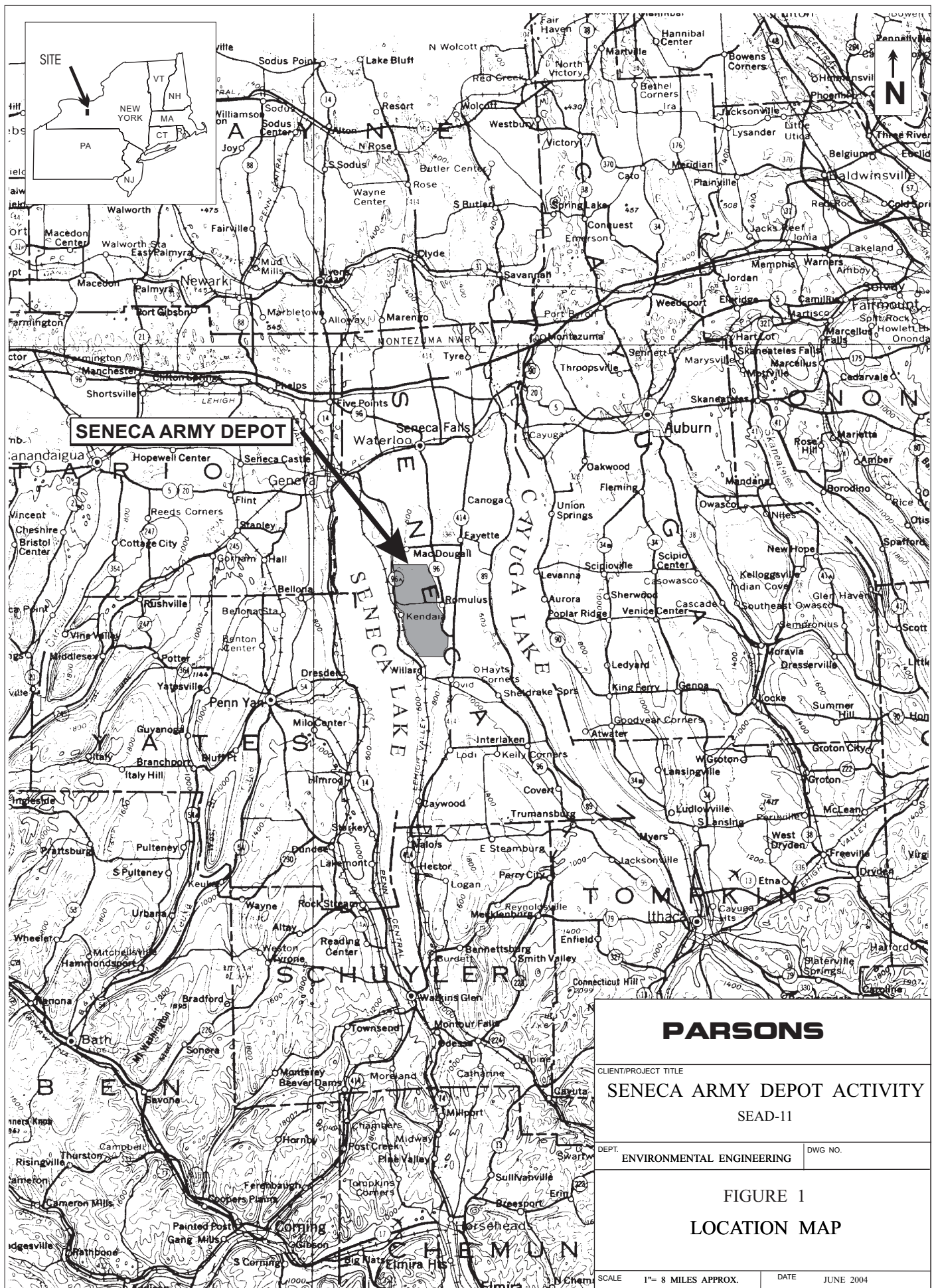
FOR MORE INFORMATION

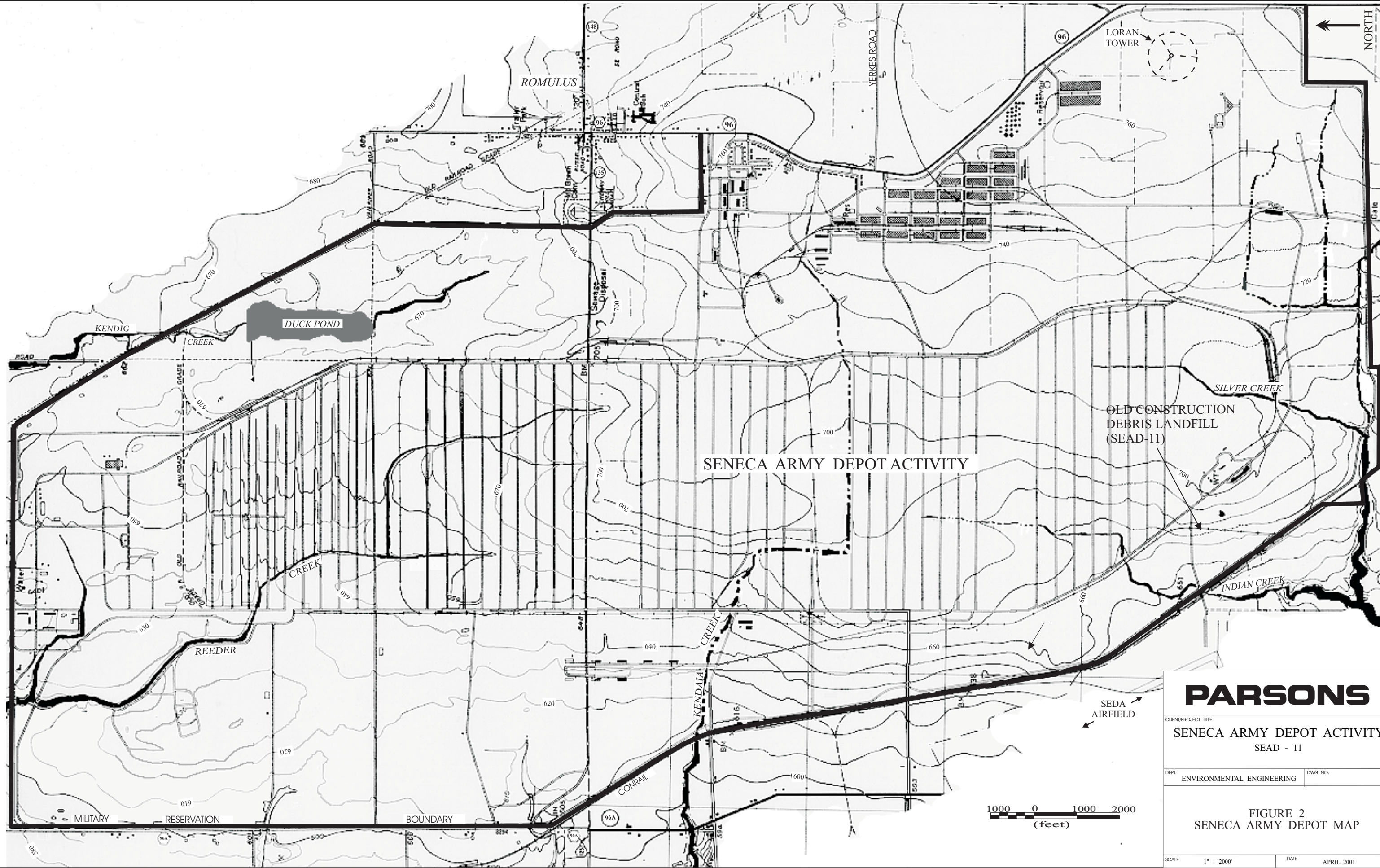
Copies of all site documents are available for your review at the following repository:

Seneca Army Depot Activity
Building 123, P.O. Box 9
Romulus, New York 14541
(607) 869-1309
Hours: Monday – Thursday 8:30 a.m. to 4:30 p.m.

If you have any questions, concerns or comments regarding the **environmental aspects** of the site, please contact Mr. Joseph White, P.E., Project Manager, at (518) 402-9620. For site related **health concerns** feel free to contact the New York State Department of Health's Ms. Charlotte Bethoney at (800) 458-1158 ext. 27860 and/or (518) 402-7860.

If you have any questions or would like more information, the New York State Department of Environmental Conservation's web site contains the Action Memorandum and a list of contacts that can answer questions you may have concerning this site. The website address is: <http://www.dec.state.ny.us/website/der/projects>





PARSONS	
CLIENT/PROJECT TITLE SENECA ARMY DEPOT ACTIVITY SEAD - 11	
DEPT. ENVIRONMENTAL ENGINEERING	DWG NO.
FIGURE 2 SENECA ARMY DEPOT MAP	
SCALE 1" = 2000'	DATE APRIL 2001