



DEPARTMENT OF THE ARMY  
BUFFALO DISTRICT, CORPS OF ENGINEERS  
1776 NIAGARA STREET  
BUFFALO, NEW YORK 14207-3199

REPLY TO  
ATTENTION OF

September 28, 1999

Project Management

Mr. Richard Demus  
Supervisor, Town of Lewiston  
1375 Ridge Road  
P.O. Box 330  
Lewiston, New York 14092


Dear Mr. Demus:

As you are aware, the U.S. Army Corps of Engineers is currently underway with an environmental restoration project associated with the former Lake Ontario Ordnance Works site. This project includes removal of TNT pipelines, chemical waste sewerlines, and demolition of the former wastewater treatment plant. The former wastewater treatment plant is currently owned by the Town of Lewiston and is scheduled for demolition because it is physically connected to the TNT pipeline (see attached Figure 1-3).

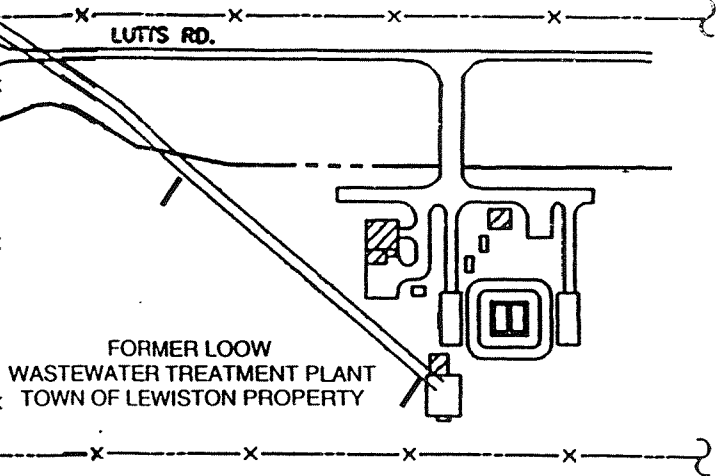
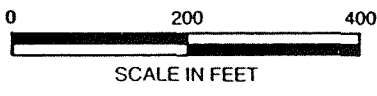
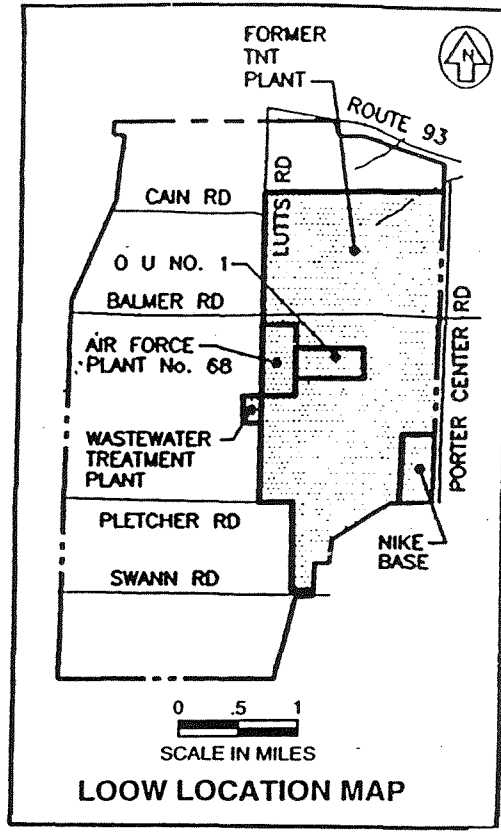
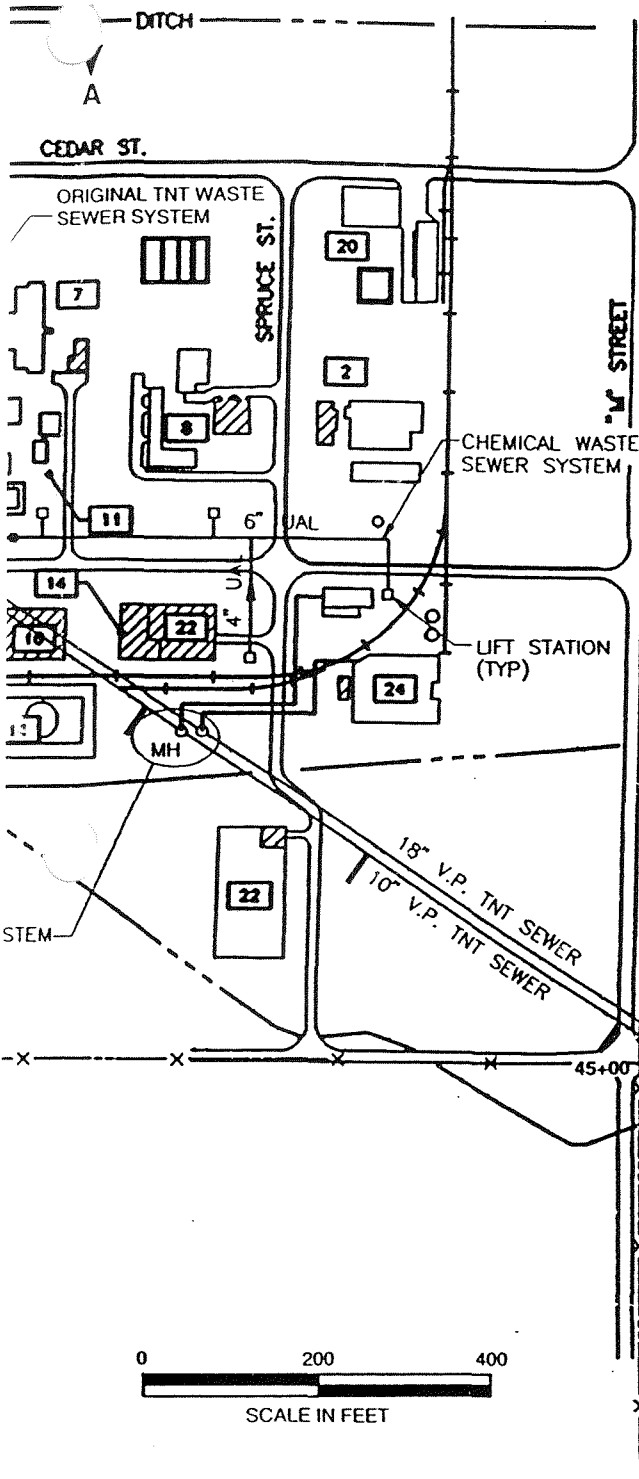
This purpose of this letter is to confirm that there are no costs to the Town of Lewiston associated with the demolition of the former wastewater treatment plant. This project was authorized under the authority of the Defense Environmental Restoration Program for Formerly Used Defense Sites (DERP-FUDS) and is being funded entirely with Federal funds.

If you have any questions or require any additional information, please call me at (716) 879-4146.

Sincerely,

  
Raymond L. Pilon  
Project Manager

cf:  
Mr. Mihalo (Radian International)



LAKE ONTARIO ORDNANCE WORKS



PLAN OF CHEMICAL WASTE SEWER AND TNT PIPELINE

FIGURE 1-3

PORTER, NY

PROJECT NO: 80003625

19

CLIENT: USACE- BALTIMORE

DELIVERY:

## *Section from Workplans*

- NYSDEC, Division of Hazardous Substances Regulations, TAGM HSR-92-3028, "Contained-In Criteria for Environmental Media"

### **Liquids**

- 40 CFR 761—Toxic Substance Control Act - PCBs
- 6NYCRR Part 700-705—Water Quality Regulations
- NYS TOGS 1.1.1—Ambient Water Quality Standards and Guidance Values

### **3.4 Demolition of Wastewater Treatment Plant**

The former wastewater treatment plant is to be demolished as part of the TNT pipeline remediation. All demolition activities will be performed in accordance with specification Section 02030, Demolition.

Radian will provide all necessary labor, management, and materials to perform the demolition services. As a prerequisite to the demolition, Radian will perform all utility abandonment services and closure of connecting pipelines to safely demolish the former plant. Verification of the utility disconnection will be performed prior to demolition.

Radian will pump out all water and remove sediments and debris in the pit and render the pit incapable of retaining liquid. The 50,000 gallons of clean liquid in the WWTP wet well will be removed and disposed. In addition, the bottoms of all concrete structures in the WWTP and immediately adjacent to the WWTP (i.e., wet well, mixing tank, etc.) will be demolished to render them incapable of retaining liquid.

The treatment plant will be brought down in sections to assure a safe working environment. A structural assessment will be performed in order to accurately identify the sequence of the demolition.

Once the building is brought down, the material will be reduced to manageable sizes and loaded out for disposal as non-hazardous debris.

The area will be covered with clean fill and graded to the existing topography.

A demolition permit will be required for the completion of this task.

This is the area of the oil spill and the suspected tie-in to the chemical waste sewer. The contaminated soil in this area impacted by the oil spill will be remediated as part of the TNT remediation.

### **3.3.5 Section D - Wastewater Treatment Plant**

The design approach for Section D to the wastewater treatment plant (Figure 3-3) is closure in-place. The pipeline in Section D is at a depth that would require deep excavations of up to 9 to 12 feet below grade to uncover and completely remove the pipelines. The pipeline in this interval is expected to be intact and not contain tie-ins. However, this has not been confirmed because it was not possible to investigate this section of the pipeline due to the gravity pressure head of the liquids in this section and the presence of oil/water containing PCBs in the south line. The potential exists for obstructions (man made or otherwise) as well as sediment and possibly crystalline in this section. It will be necessary to first dewater this section so that remote video inspection can take place to identify tie-ins, blockages, and integrity of the pipeline.

The former wastewater treatment plant is to be demolished as part of the TNT pipeline remediation. The contract specifications include a section (Section 02030: Demolition) that specifies the requirements for this work effort.

### **3.3.6 Site Preparation**

Prior to commencing site excavation in the designated areas, all vegetation, topsoil, and rootmass will be removed from within the limits of the proposed excavation. Requirements for site preparation will be provided in the contract specifications (Section 02110: Clearing and Grubbing). Topsoil will be temporarily stockpiled at a designated location for site revegetation at the completion of removal activities. Stockpiled topsoil will be sampled prior to placement for site revegetation. All subsurface utility lines, currently located within and along the limits of work will be relocated outside the limits of work or clearly identified so as to avoid their damage by, and interference with, earthwork-related construction activities.

### **3.3.7 Erosion and Sedimentation Control**

Temporary erosion and sedimentation (E&S) controls will be installed and maintained during the entire excavation and backfilling process to prevent the migration of disturbed soils and sediment to downgradient areas of the site. Primarily silt fence, hay bales, and rock construction entrances will be used to fulfill this function. Specific controls and locations to properly control the runoff are shown on the E&S control plans (Attachment A). Diversion berms and/or channels, rock check darns, or other temporary measures will be used where appropriate and are shown on the design drawings. Stormwater that has come in contact with contaminated soil will be contained