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NAS CECIL FIELD, FL  
5090.3a

DIG AND HAUL PACKAGE FOR BUILDING 16A WATER TANK NAS CECIL FIELD FL  
6/4/1999  
TETRA TECHNUS INC

## **DIG AND HAUL PACKAGE for BUILDING 16A WATER TANK**

### **SITE BACKGROUND**

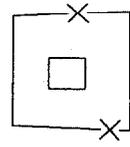
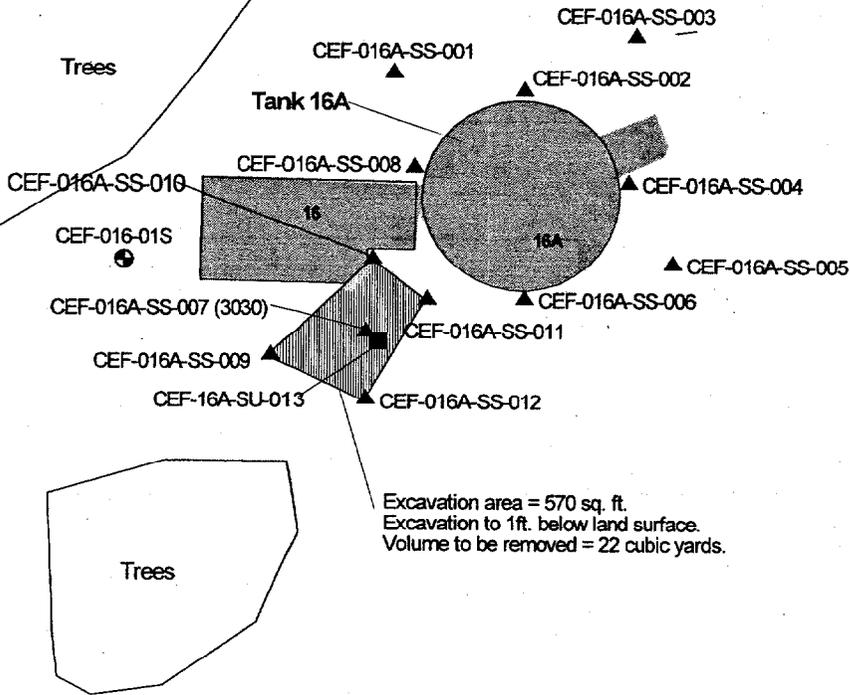
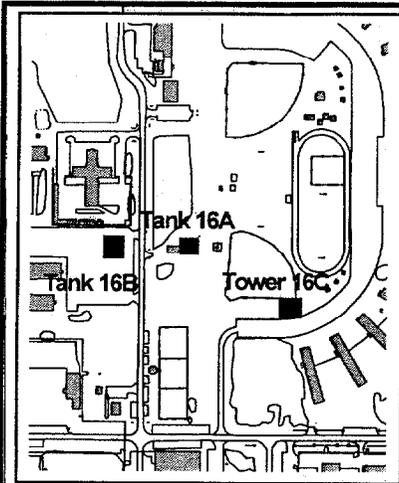
Lead was detected at a concentration in excess of the residential Soil Cleanup Target Level (SCTL) (400 mg/kg) and the background "High Cut" value (197 mg/kg) in one surface soil sample collected in the area to be excavated. This contaminant is likely present because of the use of lead-based paint on the tank. Analytical results were reviewed by the Base Realignment and Closure (BRAC) Cleanup Team (BCT), and a decision was made to delineate the extent of contaminated soil. Additional site background information may be obtained through reference to the Sampling and Analysis Outline for Building 16A Water Tank (Tetra Tech NUS, Inc. [TtNUS], January 1999).

### **GUIDANCE NOTES**

This information is provided for general guidance purposes only. The approximate area of excavation is shown on Figure 1. The actual extent of excavation will be defined by TtNUS with white spray-down paint (or equivalent) prior to the execution of the removal action.

The Remedial Action Contractor (RAC) shall be responsible for the following:

- The schedule and methods of excavation.
- All aspects of work-site health and safety.
- Identification and avoidance of all aboveground and underground utilities or other manmade structures.
- Waste characterization, transport (both on and off site), and disposal of all excavated soil. Note that TtNUS collected one sample for TCLP extraction with analysis for lead. The lead concentration exceeded the regulatory level; therefore, some of the soil could be a RCRA hazardous waste.
- Notification of TtNUS and the Navy if observations indicate contaminants may extent beyond the planned lateral or vertical limits of the excavation.
- Except where necessary for avoidance of structures or utilities, or where otherwise specified by TtNUS, the depth of excavation should extent 1 foot below ground surface.
- Excavated soil shall be stockpiled on, and covered with, heavy-duty polyethylene sheeting at the site. This shall be done in a manner to avoid the potential for contaminating surrounding soil or surface water. Alternately, soils may be stockpiled in properly covered roll-off containers.
- Stockpiling and combining of materials from different sites is permitted with prior approval of the BCT, if similar types and concentrations of contaminants are involved and were generated by similar processes.
- Materials used to backfill the excavations shall be from an uncontaminated source and be capable of supporting the same type of vegetation as the soil removed. The ground surface shall be restored to a similar or better condition than existed prior to excavation.



Excavation area = 570 sq. ft.  
 Excavation to 1ft. below land surface.  
 Volume to be removed = 22 cubic yards.

**NOTE:**

1. WARNING: Obtain utility clearance before excavation.
2. Extent of excavation to be marked by Tetra Tech Nus, Inc.
3. Contaminant of concern is lead.
4. Waste characterization, transport, and disposal of all excavated soil are the responsibility of the remedial action contractor.
5. Return site to pre-excavation conditions.

**LEGEND**

- ▲ Surface Soil Sample Locations (0-1')
- Subsurface Soil Sample Locations (1-2')
- Monitoring Well Locations
- ▨ Buildings
- ▨ Excavation Area
- ▭ Base Map
- (563) Lead Concentration in ppm

50 0 50 Feet

DRAWN BY	DATE
YLI	05/26/99
CHECKED BY	DATE
JL	05/31/99
COST/SCHEDULE-AREA	
SCALE AS NOTED	



REMEDIAL DESIGN PLAN  
 SOIL EXCAVATION  
 BUILDING 16A WATER TANK  
 NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 0039	
APPROVED BY WPS	DATE 6/19/99
APPROVED BY	DATE
DRAWING NO. FIGURE 1	REV 1