

N60200.AR.002803
NAS CECIL FIELD, FL
5090.3a

DIG AND HAUL PACKAGE FOR FORMER RAILROAD BED BUILDING 98 NAS CECIL FIELD
FL
1/11/2001
TETRA TECH NUS INC

DIG AND HAUL PACKAGE
for
Former Railroad Bed - Building 98

SITE BACKGROUND

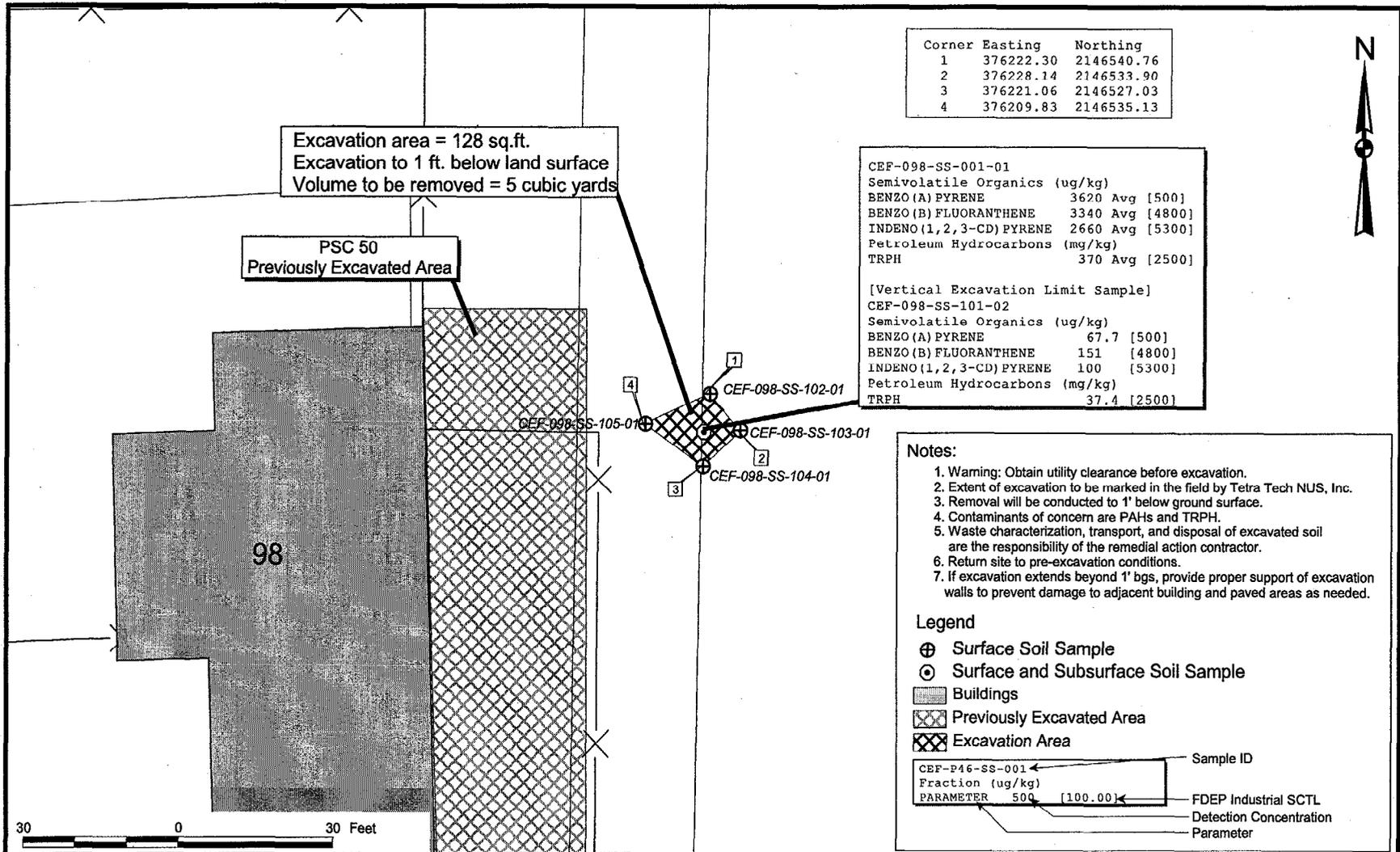
Polynuclear aromatic hydrocarbons (PAHs) were detected at concentrations in excess of their industrial Soil Cleanup Target Levels (SCTLs) and total recoverable petroleum hydrocarbons (TRPH) were detected in excess of their leachability to groundwater criterion in surface soil samples collected along the former railroad bed in the Building 98 area. 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 Work Plans for Building 98/PSC 50 (Tetra Tech NUS, Inc. [TtNUS], June 2, 2000 and TtNUS, July 31, 2000).

GUIDANCE NOTES

This information is provided for general guidance purposes only. The approximate area of excavation is shown on Figure E-1. The actual extent of excavation will be defined in the field 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.
- Notification of TtNUS and the Navy if observations indicate contaminants may extend 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 extend to 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.



Corner	Easting	Northing
1	376222.30	2146540.76
2	376228.14	2146533.90
3	376221.06	2146527.03
4	376209.83	2146535.13

CEF-098-SS-001-01	
Semivolatile Organics (ug/kg)	
BENZO (A) PYRENE	3620 Avg [500]
BENZO (B) FLUORANTHENE	3340 Avg [4800]
INDENO (1,2,3-CD) PYRENE	2660 Avg [5300]
Petroleum Hydrocarbons (mg/kg)	
TRPH	370 Avg [2500]
[Vertical Excavation Limit Sample]	
CEF-098-SS-101-02	
Semivolatile Organics (ug/kg)	
BENZO (A) PYRENE	67.7 [500]
BENZO (B) FLUORANTHENE	151 [4800]
INDENO (1,2,3-CD) PYRENE	100 [5300]
Petroleum Hydrocarbons (mg/kg)	
TRPH	37.4 [2500]

- Notes:**
- Warning: Obtain utility clearance before excavation.
 - Extent of excavation to be marked in the field by Tetra Tech NUS, Inc.
 - Removal will be conducted to 1' below ground surface.
 - Contaminants of concern are PAHs and TRPH.
 - Waste characterization, transport, and disposal of excavated soil are the responsibility of the remedial action contractor.
 - Return site to pre-excavation conditions.
 - If excavation extends beyond 1' bgs, provide proper support of excavation walls to prevent damage to adjacent building and paved areas as needed.

Legend

- ⊕ Surface Soil Sample
- ⊙ Surface and Subsurface Soil Sample
- ▒ Buildings
- ▨ Previously Excavated Area
- ▩ Excavation Area

CEF-P46-SS-001	Sample ID
Fraction (ug/kg)	
PARAMETER 500 [100.00]	FDEP Industrial SCTL Detection Concentration Parameter

DRAWN BY	DATE
MJJ	12Sep100
CHECKED BY	DATE
COST/SCHEDULE-AREA	
SCALE AS NOTED	



REMOVAL ACTION DESIGN PLAN
SOIL EXCAVATION
FORMER RAILROAD BED - BUILDING 98/PSC 50
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

CONTRACT NUMBER 0039	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. FIGURE E-1	REV 1

03969