

N60200.AR.002031  
NAS CECIL FIELD, FL  
5090.3a

DIG AND HAUL PACKAGE FOR POTENTIAL SOURCE OF CONTAMINATION 30 BUILDING  
313 MOP RACK AREA NAS CECIL FIELD FL  
8/6/1999  
TETRA TECH NUS INC

**DIG AND HAUL PACKAGE**  
**for**  
**PSC 30 - AOI 30, BUILDING 313 MOP RACK AREA**

**SITE BACKGROUND**

Benzo(a)pyrene was detected at concentrations in excess of the residential Soil Cleanup Target Level (SCTL) (0.1 mg/kg) in three of the surface soil samples collected in the area to be excavated. 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 Plan for PSC 30 (Tetra Tech NUS, Inc. [TtNUS], May 11, 1999).

**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 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 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 extend 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.
- This work is within the fenced area of the Flightline. Construction activities must be coordinated with Air Operations. Worker training and vehicles must comply with the requirements of Air Operations. Construction activities must be performed to minimize the generation of debris that can be hazardous to aircraft.

Notes:

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

17S00101		
Semivolatile Organics (ug/kg)		
BENZO (A) PYRENE	270	J
BIS (2-CHLOROETHOXY) METHANE	350	U
BIS (2-CHLOROETHYL) ETHER	350	U
N-NITROSO-DI-N-PROPYLAMINE	350	U
Inorganics (mg/kg)		
CHROMIUM	47.6	

17S00201		
Semivolatile Organics (ug/kg)		
BENZO (A) PYRENE	210	J
BIS (2-CHLOROETHOXY) METHANE	380	U
BIS (2-CHLOROETHYL) ETHER	380	U
N-NITROSO-DI-N-PROPYLAMINE	380	U

Excavation area = 1450 sq.ft.  
Excavation to 1 ft. below land surface  
Volume to be removed = 54 cubic yards

⊕ 17S00301

● CEF-P30-SS-002

● 17S00401

● CEF-016-23D

● CEF-016-22I

● CEF-016-20

● CEF-016-21S

● 17S00501

● 17S00601

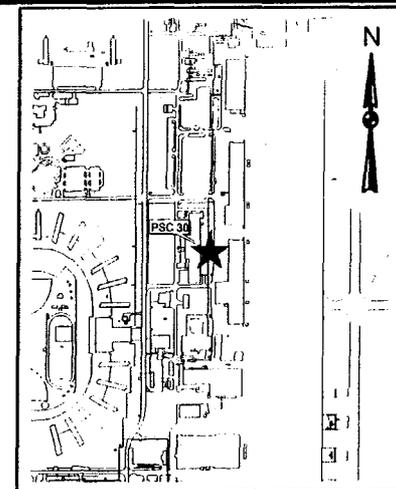
● CEF-016-SB-11S

● CEF-P30-SS-001

Contractor shall protect these wells from damage during excavation.

Concrete

Concrete Pad



LEGEND

- ⊕ Previous Soil Sample Locations, by ABB
- Surface Soil Sample Locations (0 to 1 ft.), by TtNUS
- ⊕ Existing Monitoring Well Locations
- ▒ Buildings
- ▨ Excavation Area

30 0 30 Feet

DRAWN BY	DATE
MJJ	15 July 99
CHECKED BY	DATE
JWL	7/22/99
COST/SCHEDULE-AREA	
SCALE AS NOTED	



REMEDIAL DESIGN PLAN  
SOIL EXCAVATION  
PSC 30, AREA OF INTEREST 30  
NAVAL AIR STATION CECIL FIELD  
JACKSONVILLE, FLORIDA

CONTRACT NUMBER  
0039

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED BY *MPS* DATE *8/6/99*

DRAWING NO. FIGURE E-1

REV  
0

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