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NAS CECIL FIELD, FL  
5090.3a

LETTER OF TRANSMITTAL FOR DIG AND HAUL PACKAGE FOR OPERABLE UNIT 3 (OU 3)  
SITE 8 NAS CECIL FIELD FL  
6/8/1999  
TETRA TECH NUS INC



**TETRA TECH NUS, INC.**

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(412) 921-7090 ■ FAX (412) 921-4040 ■ www.tetrattech.com

PITT-06-9-078

June 8, 1999

Project 0039

Commanding Officer  
Department of the Navy  
SOUTHNAVFACENGCOM  
Attn: Mr. Mark Davidson  
2155 Eagle Drive  
North Charleston, South Carolina 29406

Reference: CLEAN Contract No. N62467-D-0888  
Contract Task Order 0078

Subject: Site 8 Dig and Haul Package  
Naval Air Station Cecil Field  
Jacksonville, Florida

Dear Mr. Davidson:

Please find attached one copy of the Dig and Haul Package for OU3 – Site 8. As per your request, a copy of this package has been provided to the Environmental Detachment for implementation in July.

If you have any questions, please call me at 412-921-8916, or Rob Simcik 412-921-8163.

Sincerely,

Mark P. Speranza, P.E.  
Task Order Manager

MPS/gp

Enclosure

cc: S. Glass, SOUTHDIV (1 copy)  
D. Vaughn-Wright, U.S. EPA (1 copy)  
M. Deliz, FDEP (1 copy)  
D. Kruzicki, NAS Cecil Field (1 copy)  
N. Hatch, CH2M Hill (1 copy)  
D. Wroblewski/DER (Cover Letter Only)  
Mark Perry/File  
C. Militzer, Environmental Detachment (1 copy)

Mr. Mark Davidson  
SOUTHNAVFACENGCOM  
June 8, 1999 – Page Two

bcc: S. Pratt, Tetra Tech NUS, Inc. (2 copies)  
A. Wilcox, Tetra Tech NUS, Inc. (1 copy)  
R. Simcik, Tetra Tech NUS, Inc. (2 copies)  
~~B. Davis, Tetra Tech NUS, Inc. (1 copy)~~  
R. Miller, Tetra Tech NUS, Inc. (1 copy)  
File 0039 (1 copy)

**DIG AND HAUL PACKAGE  
for  
OPERABLE UNIT 3 – SITE 8**

**SITE BACKGROUND**

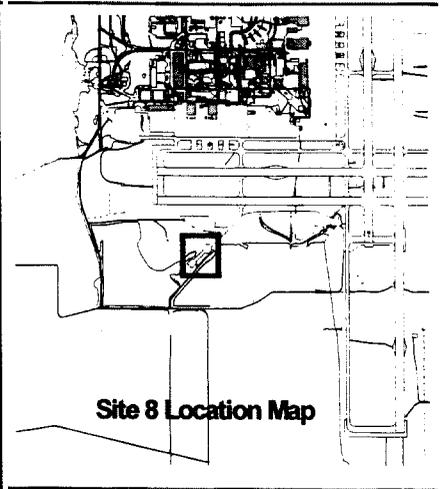
Total Recoverable Petroleum Hydrocarbons (TRPH) were detected in soil samples collected during the Remedial Investigation (RI) and subsequent sampling events. The most recent sampling event used the Florida-PRO method to delineate the contaminated soil. The areas to be excavated include the three pits that were once used for burning during firefighting training and soil adjacent to the southern pit. The pit areas were identified based on historical data and sampling results which indicate TRPH concentrations greater than the FDEP residential TRPH criteria of 350 mg/kg. Additional site background information can be found in other documents prepared for Site 8, such as the Remedial Investigation Report, Feasibility Study, Record of Decision, Remedial Design Work Plan, Draft Remedial Design for Soils, and subsequent analyses for the soils, including identification of a site specific protection of groundwater value of 610 mg/kg TRPH.

**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:

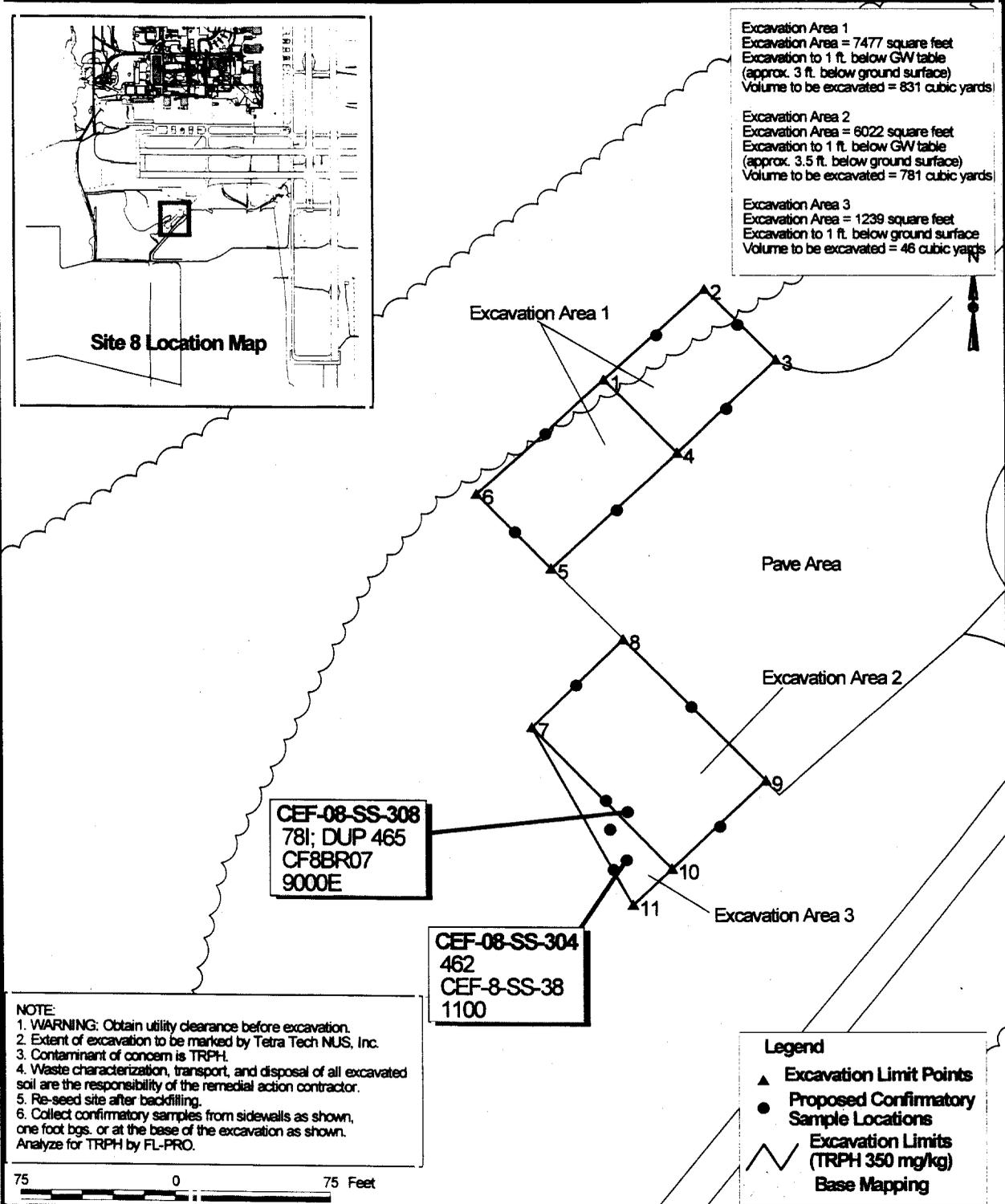
- The schedule and methods of excavation.
- All aspects of work-site health and safety.
- Identification and avoidance of all aboveground and underground utilities or other manmade structures.
- Waste characterization, transport (both on and off site), and disposal of all excavated soil.
- Confirmatory sampling and analysis for TRPH. This includes 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 depths of excavations are noted on the figure.
- 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.
- Some excavation is required in the saturated zone. Water shall be allowed to drain back into the excavation from stockpiles and/or the saturated soil may be mixed with dry soil such that water does not drain from the soil during transport and disposal.
- 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 1**  
 Excavation Area = 7477 square feet  
 Excavation to 1 ft. below GW table  
 (approx. 3 ft. below ground surface)  
 Volume to be excavated = 831 cubic yards

**Excavation Area 2**  
 Excavation Area = 6022 square feet  
 Excavation to 1 ft. below GW table  
 (approx. 3.5 ft. below ground surface)  
 Volume to be excavated = 781 cubic yards

**Excavation Area 3**  
 Excavation Area = 1239 square feet  
 Excavation to 1 ft. below ground surface  
 Volume to be excavated = 46 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 TRPH.  
 4. Waste characterization, transport, and disposal of all excavated soil are the responsibility of the remedial action contractor.  
 5. Re-seed site after backfilling.  
 6. Collect confirmatory samples from sidewalls as shown, one foot bgs. or at the base of the excavation as shown. Analyze for TRPH by FL-PRO.

**Legend**

- ▲ Excavation Limit Points
- Proposed Confirmatory Sample Locations
- Excavation Limits (TRPH 350 mg/kg)
- Base Mapping

75 0 75 Feet

DRAWN BY	DATE
YLI	06/07/99
CHECKED BY	DATE
JML	06/07/99
COST/SCHEDULE-AREA	
SCALE AS NOTED	



SOIL EXCAVATION  
 OPERABLE UNIT 3, SITE 8  
 NAVAL AIR STATION CECIL FIELD  
 JACKSONVILLE, FLORIDA

CONTRACT NUMBER 7898	
APPROVED BY	DATE
APPROVED BY	DATE
DRAWING NO. Figure 1	REV 0

NAS CECIL FIELD

SITE 8 Excavation limits coordinates

POINT	X_COORD	Y_COORD
1	375235.499351	2138043.387985
2	375284.258055	2138087.666159
3	375318.531579	2138052.796573
4	375270.623447	2138007.776054
5	375209.750393	2137950.572061
6	375173.986715	2137987.527861
7	375199.997197	2137871.885817
8	375244.024876	2137915.418803
9	375312.684181	2137846.015895
10	375267.015721	2137803.255163
11	375248.313015	2137785.743267