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NAS PENSACOLA  
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LETTER REGARDING NOTIFICATION OF PROPOSED CHANGES IN WORK PLAN FOR  
SOIL SAMPLING AT SITES 44, 45 AND 46 NAS PENSACOLA FL  
9/20/2005  
TETRA TECH



**TETRA TECH NUS, INC.**

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TtNUS/TAL-05-67/HW525.3.2

September 20, 2005

Department of Environmental Protection  
Bureau of Waste Cleanup  
ATTN: Tracie Vaught, MS #4535  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Reference: Florida Department of Environmental Protection (FDEP) Contract HW525  
CERCLA/SARA Site Assessments and Targeted Brownfields Assessments

**Subject: Notification of Proposed Changes in Work Plan Soil Sampling Depth Intervals – Sites 44, 45, and 46, Naval Air Station Pensacola, Pensacola Florida.**

Dear Ms. Vaught:

As we discussed on the telephone on or about August 18, 2005, TtNUS reviewed the previously submitted Sampling and Analysis Plans (SAPs) for Sites 44, 45, and 46, Naval Air Station (NAS) Pensacola (submitted as final in June 2005) for compliance with the recently approved Florida Administrative Code (FAC) 62-780. Base on this review, TtNUS is proposing changes in soil sampling depth intervals for the site characterization investigations at the above-referenced sites. Changes apply only to the sampling depth intervals, and not analytical requirements. The original sampling protocol and changes to them are summarized below.

The original SAP for each site stated it was anticipated the water table would be encountered at six feet below ground surface (bgs). Initial reconnaissance indicates this is the case for Sites 45 and 46 (both near the waterfront), but the water table occurs at 16 feet bgs at Site 44.

The surface soil sample at each site, as specified in the SAPs, was to be collected from 0-6 inches, and the subsurface soil sample was to be collected as a composite from 2 to 6 feet. Both surface and subsurface samples were to be analyzed quick-turnaround for anticipated Contaminants of Concern (COCs) for delineation. Following the delineation phase of sampling, the three locations with the highest concentrations of COCs will be sampled at the same surface and subsurface depth intervals and analyzed for the USEPA Target Analyte List/Target Compound List parameters.

The proposed changes to the soil sampling depth intervals are as follows:

Delineation Phase

- Surface Soil Samples will be collected from 0-6 inches
- Subsurface soil samples will be collected from 6-24 inches and 24-48 inches

Characterization Phase (Following delineation phase)

At the three locations with the highest Contaminant of Concern (COC) Concentrations:

- Surface soil samples will be collected from 0-6 inches
- Subsurface soil samples will be collected from 6-24 inches, 24-48 inches, and every two feet thereafter until the water table is encountered. This will provide a very extensive set of data to evaluate potential human health exposure (0-4 feet in depth), and a data set associated with the highest concentrations of COCs to evaluate the potential threat to groundwater.

If you have any questions or comments, please call me at (850) 385-9899 or Brian Caldwell at (865) 483-9900.

Sincerely yours,

A handwritten signature in cursive script that reads "Gerald Walker".

Gerald Walker, P.G.  
Project Manager

BC/gaw

c: Bill Hill, SOUTHDIV  
Greg Campbell, NASP PWC  
Greg Fraley, USEPA  
Brian Caldwell, TtNUS  
Greg Wilfley, CH2M Hill  
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