



TETRA TECH NUS, INC.

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December 20, 2006

Project Number N00055

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

Reference: CLEAN Contract Number N62467-94-D-0888
Contract Task Order Number 0379

Subject: Response to FDEP Comments on the Year Two-3rd Quarter and 4th Quarter Post Injection Groundwater Monitoring Letter Reports Underground Storage Tank (UST) Site 14 - Tanks 681 & 682, Naval Air Station (NAS) Pensacola, Pensacola, Florida

Dear Ms. Bolanos:

On behalf of the Navy, Tetra Tech NUS, Inc. (TtNUS) is pleased to respond to your comments received November 17, 2006 concerning the documents indicated above. The written comments were specific to the 4th Quarter report only and the comments and responses are indicated below:

Comment 1: The Department has several questions that must be addressed before approval the subject document. It was recommended that sampling continue on TW-04, MW-01S, MW-02S, MW-10S, and MW-11S only. Will you be keeping an up gradient well to the west of the area of concern?

Response 1: The Navy understands FDEPs MNA requirement for an upgradient monitoring well with any MNA sampling program and proposes to include the additional upgradient monitoring well MW-12S.

Comment 2: You have also recommended that analysis of VOCs and TRPH, which are BDL or below their respective GCTLs be discontinued. What are the COC that you will continue to analyze for and does this include the continuation of the light gas and natural attenuation monitoring?

Response 2: The analytes sampling for in groundwater the previous year included: volatile organic compounds and methyl tert-butyl ether MTBE; Polynuclear Aromatic Hydrocarbons (PAHs); Total Recoverable Petroleum Hydrocarbons (TRPH), and Monitored Natural Attenuation parameters. The VOC analysis was added to the analyte list following the completion of the treatability study and supplemental sampling of site soils and groundwater.

As indicated in this report review of the four quarters of analytical data for Site 14 indicated that none of the VOCs were detected above the Florida Groundwater Cleanup Target Levels (GCTLs)

and in general were only minimally detected above instrument detection limits. In addition, MTBE was not detected in any of the groundwater samples at concentrations above instrument detection limits. TRPH was detected in source area monitoring wells; however the highest concentration was 6 ug/L in source area monitoring well TW4. The Florida GCTL for TRPH is 5 ug/l.

Therefore the proposed groundwater sampling analyte list includes:

- PAHs by USEPA Method SW-846 8310
- Dissolved iron by USEPA Method SW-846 6010B
- Total Organic Carbon (TOC) by USEPA Method 415.1
- Dissolved gasses; methane, ethane, and ethene by AM20GAX
- Total alkalinity by USEPA Method 310.1
- Cations and anions; chloride, nitrite, nitrate and sulfate and ortho-phosphate and total phosphorous; by USEPA Methods 300.0, and 365.2
- Carbon dioxide by AM20GAX
- Sulfide by USEPA Method 376.1
- Ammonia as nitrogen by USEPA Method 350.1
- TKN (Total Kjeldahl Nitrogen) by USEPA Method 351.2

If you have any questions with regard to this submittal, please contact me by calling (850) 385-9899 or via e-mail at walkerg@ttnus.com.

Sincerely,



Gerald Walker, P.G.
Florida License No. PG-0001180
Task Order Manager

GW/gw

Attachments (4)

c: Mr. B. Hill, NAVFAC Southeast
Mr. G. Campbell, NAS Pensacola
Ms. D. Wroblewski, TtNUS (cover letter only)
Mr. M. Perry/File, TtNUS (unbound copy)
Project File/Tallahassee