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LETTER REGARDING REVIEW AND COMMENTS FROM FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION OF DRAFT WORK PLAN FOR FREE PHASE PRODUCT
ASSESSMENT UNDERGROUND STORAGE TANK SITE 15 BUILDING 1116 OUTLYING
LANDING FIELD BRONSON NAS PENSACOLA FL
5/13/2014
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

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HERSCHEL T. VINYARD JR.
SECRETARY

May 13, 2014

Ms. Patty Marajh-Whittemore
Remedial Project Manager
ITP Gulf Coast
Naval Facilities Engineering Command Southeast
Attn: AJAX Street, Building 135N
P.O. Box 30A
Jacksonville, FL 32212-0030

RE: Draft Work Plan for Free-Phase Product Assessment, UST Site 1116, Outlying Landing Field Bronson, Pensacola

Dear Patty:

I have reviewed Draft Work Plan for Free-Phase Product Assessment, UST Site 1116, Outlying Landing Field Bronson, dated March 2014 (received March 31, 2014), prepared by Tetra Tech, Inc. The Work Plan was prepared to address free product identified in a well at a site that Department had issued a Rehabilitation Completion Order on August 25, 2005. The Navy notified the Department that free product had been identified and confirmed in a letter dated June 5, 2013. I have the following comments on the Draft Work Plan:

- (1) Please state how much free product was identified in MW-1 when inspected in February 2013 and when free product was confirmed in May 2013.
- (2) The Work Plan proposes to identify and assess the extent of free-phase product using Laser Induced Fluorescence (LIF). It states that the free product is likely from a past release of Bunker C fuel. I understand that LIF may encounter difficulties in detecting bunker fuels because of self-quenching/intersystem crossing/photon cycling (energy transfer). The percent recovery (14.7%) for the LIF response to Bunker C, presented in Appendix D, also seems low. I suggest collecting a sample of the free product from MW-1 and sending it for analysis to determine if LIF can readily detect the product.
- (3) Figure 5 in Appendix B is incorrect. The TRPH and toluene concentrations in MW-4 are swapped. Also, the concentration of TRPH in well MW-2 should be 199 µg/L rather than 1,199 µg/L.

Ms. Marajh-Whittemore
UST Site 1116
Draft Work Plan for Free-Phase Product Assessment
Page 2 of 2
May 13, 2014

If you have any questions regarding this letter, please contact me at (850) 245-8997.

Sincerely,



David P. Grabka, P.G.
Remedial Project Manager
DoD and Brownfields Partnerships
Waste Cleanup Program

KAW

