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LETTER AND COMMENTS ON DRAFT DATA REPORT SECOND QUARTER
GROUNDWATER SAMPLING EVENT OPERABLE UNIT 19 (OU19) SITE 44 NAS
PENSACOLA FL
4/25/2013
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

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RICK SCOTT
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HERSCHEL T. VINYARD JR.
SECRETARY

April 25, 2013

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 Data Report, Second Quarter Groundwater Sampling Event, Operable Unit 19, Site 44, Naval Air Station Pensacola, Pensacola

Dear Patty:

The Department has reviewed the Draft Data Report, Second Quarter Groundwater Sampling Event, Operable Unit 19, Site 44, Naval Air Station Pensacola, dated March 2013 (received March 26, 2013), prepared by Tetra Tech, Inc. I have the following comments on the report:

- (1) In Section 4.1, please discuss vertical gradients detected between shallow, intermediate and deep monitoring wells. There appears to be a significant vertical gradient between the shallow and intermediate wells, much less so between the intermediate and deep wells.
- (2) I found the discussion on hexavalent and total chromium in Section 4.3 confusing, especially with regard to the use of "J" qualifiers. Please expand the discussion to explain how the groundwater samples for total and hexavalent chromium were collected, preserved, analyzed and the concentrations reported.
- (3) On page 12, second paragraph, please denote the 10E-06 risk levels mentioned are for carcinogenic risk.
- (4) From Figure 11, trichloroethene concentrations in groundwater appear delineated in the shallow (water table) zone of the surficial aquifer. Figure 13 indicated trichloroethene has not migrated to the designated deep zone of the surficial aquifer. Figure 12 indicates that further work is required to delineate the extent of trichloroethene contamination in the designated intermediate zone of the surficial aquifer. Please provide on the figures the estimated extent of trichloroethene in the shallow and intermediate zones.

Ms. Marajh-Whittemore
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Operable Unit 19, Site 44
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- (5) Groundwater samples at Site 44 were collected on February 14, 18, 19 and 20, with water level measurements taken on February 20th. This is consistent with the October 2012 groundwater sampling event which also occurred over several days. However, the order the monitoring wells were sampled is not consistent between the October and February sampling events. Please explain.

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

Sincerely,



David P. Grabka, P.G.
Remedial Project Manager
Federal Programs Section
Bureau of Waste Cleanup

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