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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMMENTS ON THE FINAL SITE ASSESSMENT REPORT FOR UNDERGROUND
STORAGE TANK SITE 2-B NSA PANAMA CITY FL
6/20/2014
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

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SECRETARY

June 20, 2014

Bryan Syme
Department of the Navy
Naval Facilities Engineering Command Southeast
P.O. Box 30, Building 903
Naval Air Station Jacksonville
Jacksonville, Florida 32212-0030

RE: Final Site Assessment Report
Underground Storage Tank Site 2-B
Naval Operations Support Center
Tallahassee, Florida

Dear Mr. Syme:

The Department has reviewed the above-referenced report dated September 2013 (received November 14, 2013). Due to the detections of metals in soil and groundwater above their respective cleanup target levels at this site, we are unable to concur on a recommendation of No Further Action. Specifically, arsenic exceeded the residential Soil Cleanup Target Level (SCTL) in eight soil samples, vanadium in two samples, and barium in one sample. In addition, chromium and thallium were reported at concentrations slightly above leachability-based SCTLs at two locations. Except for one arsenic detection at 2.8 mg/kg in the 2-3 foot depth interval, all of these SCTL exceedances occurred at depths greater than 20 feet. In groundwater, manganese was detected at concentrations of 988 and 1,100 µg/L in two sampling events at MW-01.

Based on our review of the report and our meeting at TetraTech, Inc, on May 29, 2014, we have the following comments:

1. The former oil-water separator (OWS) represents a potential source of some of the metals contaminants. The location of the former OWS needs to be researched and reported.
2. An evaluation of background metals concentrations will be needed to support the assertion that these metals are naturally occurring at the site. As discussed at the meeting, a minimum of three groundwater samples should be collected in an east-west orientation along the southern portion of the site (the parking area in front of the new NOSC building). Because the likely source for the metals is to the north, at least one of these samples should be in the undeveloped area to the west of the NOSC building/parking area.

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3. We understand that pyrotechnic munitions have been stored and/or utilized on the site. This could account for the high concentration of manganese in groundwater at MW-01, as the reported concentrations are 20 times over the GCTL. Further assessment of groundwater is needed around MW-01.

If I can be of any further assistance in this matter, please contact me at (850) 245-7504.

Sincerely,



Jeffrey D. Lockwood, P.E., BCEE
Remedial Project Manager
DoD and Brownfields Partnerships
Waste Cleanup Program

JDL/jl

cc: Tom Johnston, Tetra Tech
Gerry Walker, Tetra Tech
John Schoolfield, NAVFAC SE
Helen Lockard, HAVFAC SE

KAW

