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NAS CECIL FIELD, FL
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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMMENTS ON DRAFT ANNUAL GROUNDWATER MONITORING REPORT YEAR 1 FOR
OPERABLE UNIT 11 (OU 11) SITE 45 NAS CECIL FIELD FL
1/6/2003
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

January 6, 2003
OFFICIAL CORRESPONDENCE

Commanding Officer
attn: Mr. Mark Davidson, Code ES339
Southern Division
Naval Facilities Engineering Command
Post Office Box 190010
North Charleston, SC 29419-9010

Dear Mr. Davidson:

I have completed my review of the Draft Annual Groundwater Monitoring Report – Year 1, for Operable Unit 11, Site 45, Naval Air Station Cecil Field, dated October 2002 (received October 14, 2002), prepared and submitted by Tetra Tech NUS, Inc. I have the following comments that should be addressed in the final report:

- (1) Figure 1-3 shows the potentiometric surface elevation map created from data collected on April 19, 2000. This figure should contain the data and show the potentiometric contours from data collected during the latest groundwater monitoring event, July 2002, listed in Table 1-1.
- (2) Based upon the consultant's interpretation of groundwater flow based upon the recommended change to Figure 1-3, the consultant should discuss groundwater flow direction, hydraulic gradients, and any changes noted in the water table elevation. The consultant should also make a determination whether the current long-term groundwater monitoring program still meets the objective of maintaining a downgradient point of compliance well(s).
- (3) Some of the source wells have shown large concentration changes between sampling events. If the information is available, there should be a discussion on whether there is any correlation between water level elevation and vanadium concentrations in groundwater.
- (4) In the conclusions and recommendations section, the consultant should make an evaluation based on the latest data as to whether the remedy continues to be protective and meets the remedial action objectives for the site.
- (5) Please supply the Appendix A, Year 1 Analytical Laboratory Data, with the final report.

This electronic message is being sent in lieu of regular mail. If you have any questions concerning this review, please contact me at (850)245.8997.

Sincerely,

David P. Grabka, P.G.
Remedial Project Manager
MS4535
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400
Direct: 850.245.8997
FAX: 850.245.8703