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NAS CECIL FIELD, FL  
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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
REVIEW OF SECOND AND THIRD QUARTER 2004 OPERATIONS AND MAINTENANCE  
REPORTS FOR BUILDING 46 FORMER TANKS 46 R/D/SUL/UL NAS CECIL FIELD FL  
3/11/2005  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

March 11, 2005

Mr. Gabe Magwood  
Code ES24 (UST RPM)  
Southern Division  
Naval Facilities Engineering Command  
Post Office Box 190010  
North Charleston, South Carolina 29419-9010

RE: Second Quarter 2004 and Third Quarter 2004, Operation and Maintenance Status Reports, April 1, 2004 - June 30, 2004 and July 1, 2004 - September 30, 2004, Nutrient Injection System, Building 46, Naval Air Station Cecil Field, Jacksonville, Florida

Dear Mr. Magwood:

I have completed my review of the Second Quarter 2004 and Third Quarter 2004, Operation and Maintenance Status Reports, April 1, 2004 - June 30, 2004 and July 1, 2004 - September 30, 2004, Nutrient Injection System, Building 46, Former Tanks 46R, 46D, 45SUL and 46UL, Naval Air Station Cecil Field, dated October 2004 and January 2005 (received October 20, 2004 and January 19, 2005), prepared and submitted by Terraine, Inc. The reports acceptably document the operation and maintenance of the nutrient injection system and associated groundwater monitoring. However, I did find some slight errors in the Third Quarter 2004 report. In Section 3.3, it incorrectly identifies that depletion of dissolved oxygen, low or negative oxygen reduction potential, increased ferrous iron concentrations and increased sulfide concentrations as being conducive to petroleum hydrocarbon degradation in groundwater. Secondly, the groundwater flow direction is reversed on Figure 3 and incorrectly stated as being toward the north-northeast in Section 2.3.

If I can be of any further assistance with this matter, please contact me at (850) 245-8997.

Sincerely

David P. Grabka, P.G.  
Remedial Project Manager

Mr. Gabe Magwood  
March 11, 2005  
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cc: Mark Davidson, SouthDiv  
Jim Young, Terraine, Inc.  
Doyle Brittain, USEPA Region 4  
Mike Fitzsimmons, FDEP Northeast District

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