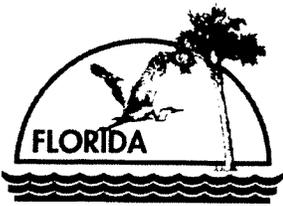


N65928.AR.001171  
NTC ORLANDO  
5090.3a

LETTER REGARDING REGULATORY REVIEW AND COMMENTS ON SITE ASSESSMENT  
REPORT AND WORK PLAN ADDENDUM A FOR BUILDING 2273 NTC ORLANDO FL  
5/8/2001  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Department of Environmental Protection

09,01,00,0005  
00589

Jeb Bush  
Governor

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

David B. Struhs  
Secretary

May 8, 2001

Received via email - 5/23/01  
Signed copy mailed by FDEP

Mr. Wayne Hansel  
Code 18B7 (BEC)  
Southern Division  
Naval Facilities Engineering Command  
P.O. Box 190010  
North Charleston, South Carolina 29419-9010

RE: Site Assessment Report and Work Plan Addendum A,  
Building 2273, Former Orlando Naval Training Center,  
Orlando, Florida

Dear Mr. Hansel:

I have completed the review of the Site Assessment Report (SAR) and Work Plan Addendum A for Building 2273, Former Orlando Naval Training Center, dated March 2001 and April 2001 respectively (received April 4, 2001 and April 30, 2001 respectively), prepared and submitted by Tetra Tech NUS, Inc. Based upon my review, I concur with the consultant's recommendation to conduct further assessment at the site. However, because contamination at the site has not been fully delineated and contaminated groundwater may extend off-base, I am not prepared to commit to only monitoring the site for one year. I have the following comments on the reports that should be considered in preparing a work plan for future work to be done on the site:

- (1) Table 3-2 in the SAR has monitoring wells DW-6, DW-7, DW-8 and DW-9 screened from 27 to 32 feet below ground surface. This contradicts the information on Figures 3-4 and the Soil Boring Logs and Well Completion Logs in Appendices B and C. From the well completion logs, the correct depths at which those wells were screened is from 38 to 43 feet below ground surface. Please check the information in Table 3-2 and Figure 3-4 for all wells.
- (2) Work Plan Addendum A proposes to install three deep monitoring wells to a depth of 27 to 32 feet below ground surface. This should be reviewed in light of groundwater contamination having already been detected at depths of approximately 45 feet below ground surface.

Mr. Wayne Hansel  
SAR Building 2273  
Naval Training Center, Orlando  
May 23, 2001  
Page two

- (3) I have some questions that need to be answered concerning whether the groundwater contaminant plume has been delineated. Do the shallow water table wells proposed for monitoring adequately delineate the groundwater contamination found at that depth? Do the wells screened from 27 to 32 feet below ground surface (only one well currently exists) adequately delineate groundwater contamination at that depth? Do the wells screened from 38 to 43 feet below ground surface adequately delineate groundwater contamination at that depth? Has the full vertical extent of groundwater contamination been determined? I think upon reflecting on these questions that you will need to revise the proposed work plan in order to complete the assessment at this site.
- (4) The SAR identifies two private potable wells and one private irrigation well within 1/4 mile of the site. Please provide information on the wells construction.
- (5) Monitoring wells should be sampled and analyzed for VOCs, PAHs and TRPH.
- (6) I do not believe the water level measurement from DW-5 should be contoured with the measurements from DW-6 through DW-9 as they are screened at different depths within different lithologies. This may change the potentiometric contours on Figure 3-2.
- (7) The table in Section 3.1.2 of the SAR needs to be corrected. Deep monitoring wells DW-6 and DW-7 were screened deeper than DW-5. The vertical distance column needs to be changed as well as the calculated vertical gradients for the two locations.
- (8) I concur that monitoring wells MW-3 and CW-2 should be properly abandoned.

Please review the above comments and submit a new work plan for assessing contamination at this site. If I can be of any further assistance with this matter, please contact me at (850) 488-3693.

Sincerely,

David P. Grabka  
Remedial Project Manager

Mr. Wayne Hansel  
SAR Building 2273  
Naval Training Center, Orlando  
May 23, 2001  
Page two

cc: Bill Bostwick, FDEP Central District Office  
Rick Allen, Harding Lawson Associates, Jacksonville  
Barbara Nwokike, U.S. Navy, Southern Division  
Nick Ugolini, U.S. Navy, Southern Division  
Nancy Rodriguez, USEPA, Region 4  
Steve McCoy, Tetra Tech NUS, Oak Ridge, TN  
Steve Tsangaris, CH2M Hill, Tampa

TJB \_\_\_\_\_ JJC \_\_\_\_\_ ESN \_\_\_\_\_