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LETTER REGARDING REGULATORY REVIEW AND COMMENTS ON DRAFT SITE
INVESTIGATION AT STUDY AREA 17 NTC ORLANDO FL
12/10/2003
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

December 10, 2003
OFFICIAL CORRESPONDENCE

Commanding Officer
attn: Mrs. Barbara Nwokike, Code ES333
Southern Division
Naval Facilities Engineering Command
Post Office Box 190010
North Charleston, SC 29419-9010

Dear Mrs. Nwokike:

I have completed my review of the Draft Site Investigation Report, Study Area 17, Orlando Naval Training Center, dated September 2003 (received September 16, 2003), prepared and submitted by Tetra Tech NUS, Inc. I have the following comments that should be addressed in the final report:

- (1) On page ES-2, Site Screening Section, first paragraph, it says that "Surface and subsurface soils at the site contained concentrations of PAHs exceeding screening criteria." Which criteria were exceeded? Further, in the next sentence it says "This investigation also identified concentrations of organic contaminants in the surficial aquifer above the screening criteria." Which organic contaminants? Again, which screening criteria?
- (2) On page 1-5, first paragraph, second to last sentence, it mentions a vehicle wash rack that is located just outside of the north fence line. Please point out the vehicle wash rack on Figure 1-2. Please also point out other relevant details on the Figure 1-2 mentioned in this section, such as where the drums on wooden pallets were observed.
- (3) On page 2-1, Section 2.3, second sentence, please add the word "table" after "Water"
- (4) On page 3-1, Section 3.1, fifth sentence, please add the word "surface" between the words "PAH-contaminated" and "soil".
- (5) On page 3-1, Section 3.1.1, please add at the end of the paragraph that soil gas survey sampler locations are shown on Figure 3-1.
- (6) On page 3-12, top of the page in the discussion of the Phase II investigation, there is no mention of the surface water and sediment sampling and analysis that was conducted as part of Phase II. Please provide a discussion of the results and point to a Figure depicting the results (Figure 3-5?).
- (7) On Figure 3-6, monitoring wells are depicted in two colors: blue and black. The legend only points out what the blue colored symbols represent.
- (8) On page 3-18, Section 3.2.2, Monitoring Well Construction, please discuss whether any of the monitoring wells installed were double cased. If not, please discuss how it was determined that double casing would not be required at this site. Monitoring wells were installed at various depths across the site, some of which penetrated confining and semi-confining layers.
- (9) On page 4-1, Section 4.1, first paragraph, first sentence, after the word chlorinated, please replace the word "chemicals" with "VOCs" which is a more accurate description of the groundwater contamination observed at Study Area 17.

Please make the editorial changes mentioned above in 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,

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