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NAS CECIL FIELD, FL
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U S NAVY RESPONSE TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION COMMENTS ON FINAL FEASIBILITY STUDY FOR OPERABLE UNIT 5 (OU 5) SITE 15 BLUE 10 ORDNANCE DISPOSAL AREA NAS CECIL FIELD FL
5/14/2007
TETRA TECH NUS INC

**NAS CECIL FIELD**
**SITE 15 FINAL FEASIBILITY STUDY**

**RESPONSE TO FDEP COMMENTS FROM EMAIL DATED MAY 14, 2007**

1. **Page 1-6, first paragraph, last line of the paragraph, the word "selected" is misspelled.**

   **Response:** The text will be revised as indicated.

2. **In the Table on page 2-7, FDEPs residential SCTL is 100 ug/kg or .1 mg/kg.**

   **Response:** The table will be revised to 100 ug/kg.

3. **In the Table at the top of page 2-9, the maximum BaPEq concentration is 1,573,000 ug/kg, which seems high. Most PAHs have only a fraction of the carcinogenicity of benzo(a)pyrene and to have a sample with that much BaP equivalents would seem to need to be almost pure PAHs in it. I would have to wonder what the total PAHs concentration would be. Please make sure that this is not a total PAHs concentration that inadvertently got into the table. Also, please note that the maximum BaPEq concentration detected in the Table at the top of page 2-10 has a different value, 956,000 ug/kg.**

   **Response:** A duplicate sample was collected at the location with the maximum BaPEq value (CF15SS249). Thus, there are three sets of data associated with the sample location: the sample, the duplicate, and the average of the pair. The BaPEq concentration for the sample is 1,573,000 µg/kg, and the BaPEq concentration of the average of the pair is 956,000 µg/kg. For statistical analysis of the data, the average value was used. Because statistical methods were used in the determination of cleanup goals, the concentration on page 2-9 will be revised to 956,000 µg/kg. This is consistent with the maximum value given on Page 2-10.

   Regarding pure product, the total PAH concentration was calculated from the analytical results in Appendix C-1.1, Page 49 of 106. The sum of the PAH concentrations in sample CF15SS249 is 13,330,000 µg/kg, which is less than the pure concentration of 1,000,000,000 µg/kg. (Note that in this calculation, if a compound had a concentration less than detection limit, the detection limit was used.)