

N60200.AR.005168  
NAS CECIL FIELD, FL  
5090.3a

TETRA TECH RESPONSE TO FLORIDA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION COMMENTS ON SUPPLEMENTAL SOIL SAMPLING WORK PLAN FOR  
OCALA F-18 CRASH SITE NAS CECIL FIELD FL

3/6/2009

TETRA TECH NUS INC

NAS Cecil Field  
Supplemental Soil Sampling Work Plan – February 2009  
Ocala F-18 Crash Site

**RESPONSES TO FDEP COMMENTS IN LETTER DATED MARCH 3, 2009**

- 1. Please add a soil sampling location to coincide with replacement well CEF-CS1AR. During the installation of the well, soil samples should be collected every two feet from the surface to 4 feet below the static water table as described in the work plan. At least one soil sample from this location should be sent for laboratory analysis.**

*Response: The first bullet on page 3 will be revised to indicate that soil samples for field screening will also be collected from a location coinciding with replacement well CEF-CS1AR. The third sub-bullet will indicate that at least one sample for laboratory analysis will be collected from this boring, regardless of OVA-FID readings.*

- 2. On page 4, it states that the proposed new well, CEF-CS1AR, will be equipped with a submersible pump for development, purging and sampling. Further down the page, it says that a groundwater sample will be collected from CEF-CS6, but it does not mention the method by which the sample will be collected. In the next bullet, it says wells CEF-CS3, CEF-CS8, and CEF-CS10 will also be sampled with a bailer. Please explain why the wells are to be sampled using different methods and also verify how CEF-CS6 is to be sampled. Please note that the Department generally discourages the use of bailers for collecting groundwater samples, especially for the purpose of collecting samples for testing volatile compounds.**

*Response: The text will be revised to indicate that wells CEF-CS1AR, CEF-CS3, CEF-CS6, CEF-CS8, and CEF-CS10 will be sampled with a submersible pump.*

- 3. Please ensure that the Department's Standard Operating Procedures (SOPs) for the collection and handling of soil and groundwater samples is followed.**

*Response: Comment noted. The following sentence will be added to the text:*

*"Work will be performed in general accordance with FDEP Standard Operating Procedures (SOPs) under DEP-SOP-001/01."*

- 4. On pages 3 and 4, where it discusses the EPA laboratory method to be used on the soil and groundwater samples, please add benzene to the list of analytes specifically to be analyzed for.**

*Response: Benzene will be included in the list of VOCs to be analyzed in the second main bullet on page 3 and the last bullet on page 4.*