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NCBC GULFPORT  
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LETTER AND COMMENTS FROM MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL  
QUALITY REGARDING REMEDIAL INVESTIGATION STUDY WORK PLAN ADDENDUM SITE  
4 NCBC GULFPORT MS  
2/9/2006  
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY



STATE OF MISSISSIPPI  
HALEY BARBOUR  
GOVERNOR  
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

9 February 2006

Art Conrad  
Naval Facilities Engineering Command  
Southern Division  
2155 Eagle Drive  
P. O. Box 190010  
North Charleston,, South Carolina 29419-9010

Re: Remedial Investigation and Treatability Study Work Plan Addendum, Site 4, Naval Construction Battalion Center (NCBC) Gulfport, Mississippi, Draft, December 2005.

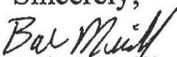
The Mississippi Office of Pollution Control (OPC) has reviewed the above referenced work plan for additional remedial investigation activities at Site 4. It is noted that this work plan supercedes the original Remedial Investigation Work Plan (TtNUS, 2004) that contains detailed information pertinent to remedial investigation activities (Health and Safety Plan, specific sampling protocol and custodial procedures, etc.) at Site 4.

The Work Plan is adequate for a general description of activities associated with completing 20 additional DPT borings to collect groundwater samples for on site analysis and installation of 8 permanent and 3 temporary monitoring points for soil and groundwater sample collection for laboratory analysis. The following concerns were noted during review of the document.

1. According to the discussion on page 3 (paragraphs 3 through 5) "as many as 20 DPT borings" will be completed to delineate the plume, with "up to 5 groundwater samples per boring for on site analysis". These sample results should be verified by comparative analysis at an off site laboratory. A minimal number of wells as well as a minimal number of samples from each well should be specified. The 20 DPT wells are apparently intended for groundwater sampling only, although the discussion is unclear. Please specify why no soil samples will be collected from this group of borings
2. The discussion concerning the installation of "up to three temporary DPT monitoring points" does not specify a minimal number of soil and/or groundwater samples to be collected from each boring for off site laboratory analysis or a minimal number of monitoring points to be installed. Please specify.

3. The title implies that this document contains specific plans for a treatability study, although the document (page 3, last section and first section of page 4) indicates that a detailed work plan addendum will be prepared to detail the final treatability study. It would be best to alter the title to reflect the generalized nature of this portion of the work plan (such as addition of the word “generalized”) to immediately indicate that a separate detailed work plan will be prepared to address the treatability study.
4. The discussion (page 3 paragraph 5, first sentence) does not specify how many permanent monitoring wells will be installed. The following paragraph describes sampling of 8 new wells. Please clarify.
5. Acronyms should be defined in the text. The document does not define the acronym “CVOC”. If the VOC scan is limited to chlorinated VOCs a reason for such limitation should be given.

Please feel free to contact me if I can be of further assistance.

Sincerely,  
  
Bob Merrill

cc. Michelle Thornton, USEPA