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NCBC GULFPORT
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LETTER AND COMMENTS FROM MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL
QUALITY REGARDING CONTINUED PERIODIC MONITORING WORK PLAN 12 OCTOBER
1999 NCBC GULFPORT MS
12/20/1999
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

James I. Palmer, Jr., Executive Director

20 December 1999

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

Re: Continued Periodic Monitoring Workplan, Naval Construction Battalion Center (NCBC),
Gulfport, Mississippi, October 12, 1999.

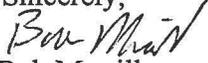
The Mississippi Office of Pollution Control has reviewed this document (received on 15
December 1999) and offers the following comments and suggestions.

1. The text (page 2, paragraphs 3 and 4) states that no further monitoring for dioxin is necessary at sites 1, 2, or 3 because groundwater samples contained dioxin concentrations below regulatory values. A TCDD concentration of 25.4 ppq was reported for the sample from well GPT-02-04 in the Groundwater Monitoring Report (page 1A of Phase II Data Sheets, Appendix A). Although this concentration is below the MCL (30 ppq) it is elevated to a level of concern that warrants further monitoring.
2. The "clay layer" that is utilized consistently throughout the text to define the hydrogeologic setting below the various sites has not been adequately characterized. Demonstration of vertical and lateral extent as well as accurate lithologic correlation and will be necessary before assumptions about its occurrence throughout the subsurface of the various sites can be made.
3. The text (page 3, paragraph 1) states that the Chlorinated Solvent Plume at Site 4 is in the lower portion of the Surficial Aquifer, near the "clay layer", and that "vertical extent wells" should be screened above this layer. Monitoring wells should also be screened below the first confining clays to insure that no downward migration of denser contaminants (such as TCE) has occurred.
4. Clarification is needed concerning reporting of dioxin concentrations at Site 7. The text (page 4, paragraph 4) states that a TEQ concentration of 51.6 ppq (with a TCDD concentration of 25.4 ppq) occurred at Site 7 in well GPT 07-01. The TEQ concentration given in the Groundwater Monitoring Report (page 3-8, paragraph 9) is 77.01 ppq.

OFFICE OF POLLUTION CONTROL

P.O. Box 10385 Jackson, MS 39289.0385 Phone 601.961.5171 Fax 601.354.6612

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

Sincerely,

Bob Merrill

cc. James Barksdale, USEPA