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NSB KINGS BAY
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LETTER REGARDING REVIEW OF THE 10-24-97 DOCUMENT NSB KINGS BAY GA
10/27/1997
U S DEPARTMENT OF THE INTERIOR



United States Department of the Interior

GEOLOGICAL SURVEY
Water Resources Division
Peachtree Business Center, Suite 130
3039 Amwiler Road
Atlanta, Georgia 30360-2824

NSB Kings Bay Administrative Record
Document Index Number

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16.01.00.0031

October 27, 1997

Laura Harris
ABB Environmental Services, Inc.
1400 Centerpoint Blvd.
Suite 158
Knoxville, TN 37932-1968

Dear Ms. Harris,

Because of the extreme time constraints I have been unable to complete a thorough review of your 10/24/97 document. Specifically, I have not verified that the plates and figures are coincident with the data given in the tables. Spot checking resulted in detection of disagreement between the data provided in the tables and that portrayed on the plate. I would suggest a thorough verification review be conducted prior to transmittal. In addition, I have made no suggestions that address the readability of the document. I did, however, review the technical correctness of the report and offer the following suggestions:

On a general note: I realize that the Navy CLEAN program format requirements for documentation are explicit regarding data tabulation. However, I do not believe that these requirements would preclude inclusion of summary tables (or figures) within the body of the report. I believe that inclusion of such tables would aid the reader. Below I have included more explicit comments regarding the report:

Plate 1: Although usable and informative, I feel that this plate is busy. I would suggest that you simply use a location map, with a "hits" table. If you choose to make the location map page size, I would strongly urge you to have the figure immediately following the map. Another alternative would be, to table the data on the plate. I did not verify that data on the plate, coincide with the data tables; this is true for all of the figures in the report. It should be noted, either on the plate, or in the body of the text that location T306 is not shown. Other suggestions include:

1. The "data box" for location T305 has a compound (4-M-2-P) that is not included in the legend. If this compound acronym is correct, it should be included in the legend.
2. Because of the similarity of the symbols, I am unable to differentiate between the September and March push locations. I would suggest you choose different symbols.
3. The refused push locations are not correctly identified in the legend. This could be remedied by changing the legend.
4. There are two north arrows on the plate; I would suggest that the arrow located to the left of V230 be deleted.
5. The caption box for the plate is incorrect, not all locations are inside the plume; witness V235.
6. The title box of the plate does not coincide with the title given in the draft letter report of 10/24/97. I would suggest you either, delete the word "Summary" from the plate, or add the word "Summary" to the report. This comment is also pertinent to all of the figures.

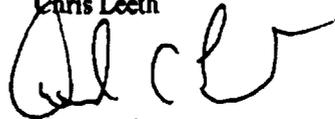
Page 1, paragraph 1 -- I would suggest you mention your conclusions in the introduction. This familiarizes the reader with your conclusions "up front" and forces the reader to review your report within the context of those conclusions.

Page 1, paragraph 3 -- You list three objectives of the field program, however your summary table (table 1) lists four.

Page 6, conclusions -- I would suggest that this section include more specific information including: the general area of the "plume" (citing specific wells, and push locations); and the area where the highest concentrations occur, once again, citing specific push locations within the plume. I would also suggest that the limitations of this data set be discussed, including the accuracy of the field GC, and the low concentration detects at locations T304 and T303. In light of the contaminant flow regime mentioned in your report, I would also suggest a discussion of the contaminants encountered in a few of the direct push locations.

Finally, given the extreme time restraints, I must apologize for not fully reviewing this document. If you have any questions please give me a call.

Sincerely,
Chris Leeth



Hydrologist

cc: whicks
arobinson
rbath