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LETTER REGARDING PROPOSED REVISIONS ON DRAFT REMEDIAL INVESTIGATION FEASIBILITY STUDY WORK PLAN FOR OPERABLE UNIT 4 (OU 4) NTC ORLANDO FL
8/8/1997
ABB ENVIRONMENTAL

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August 8, 1997

Commanding Officer
SOUTHNAVFACENGCOM
Attn: Ms. Barbara Nwokike, Code 187300
P.O. Box 190010
2155 Eagle Drive
N. Charleston, SC 29419-9010

Subject: Operable Unit 4 (OU 4)
Draft Remedial Investigation/Feasibility Study (RI/FS) Workplan
Naval Training Center (NTC), Orlando, Florida
Contract: N62467-89-D-0317/CTO 135

Dear Barbara:

The draft OU 4 RI/FS Workplan was distributed on July 16 at the OPT meeting held in Orlando. Chapter 4 of the workplan presents the technical approach for the RI, including sampling locations and the analytical suite for the laboratory analyses. The lab analyses included full suite sampling (volatiles, semivolatiles, pesticides/PCBs, and inorganics) for lake water and sediment, and for all monitoring wells installed at OU 4.

However, as was discussed at the OPT meeting, we have re-evaluated the need for the full analytical suite, considering that the contaminants of concern have only been volatiles and inorganics. Semivolatiles, pesticides, and PCBs have never been detected at concentrations above screening criteria in OU 4 groundwater. We therefore propose to revise the draft OU 4 RI/FS workplan as follows:

Surface Water and Sediment (Lake Druid)

The workplan currently proposes collection of six surface water/sediment pairs from Lake Druid. These samples are located along the lakeshore where VOC contaminated groundwater has been shown to enter the lake. Based on the work performed at OU 4 to date, there is no reason to believe that any contaminants other than VOCs would be present in Lake Druid from Navy activities at OU 4. Inorganic detections above screening criteria (primarily antimony) have only been detected in the southeast corner of OU 4, far from the lake. We therefore propose that the surface water/sediment pairs only be analyzed for VOCs. The human health and ecological risk assessment for Lake Druid would only address VOCs.

Groundwater

There are currently approximately 28 monitoring wells screened at various depths across OU 4. The workplan proposes up to 9 additional monitoring wells for installation at locations identified

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by the direct push groundwater program. Four microwells will also be installed to delineate the extent of antimony detected above MCLs in groundwater at Study Area 14.

We propose to revise the workplan to state that groundwater from all wells will be analyzed for volatiles and inorganics, but only 10 monitoring wells will receive full suite analyses. These ten wells are expected to be a mix of upgradient and downgradient wells distributed fairly evenly across OU 4. The actual well locations will be discussed and approved at the OPT meeting where the direct push analytical data will be presented.

Much of the area west of the laundry has been characterized during the initial site screening efforts, followed by the various sampling programs to identify the source areas and delineate the lake contamination. We believe the above revisions to the RI analytical program will adequately characterize the nature and extent of contamination at OU 4, without the need for analysis of analytes that previous investigations have not detected.

Please consider this letter a formal revision to the draft OU 4 RI/FS Workplan, and include your comments to these changes with your comments on the entire document.

If you have any questions, please do not hesitate to call me at (617) 245-6606 or John Kaiser at (407) 895-8845.

Very truly yours,

ABB ENVIRONMENTAL SERVICES, INC.

Mark J. Salvetti

Mark J. Salvetti, P.E.
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