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LETTER REGARDING SUMMARIZATION OF MEETING MINUTES 20 NOVEMBER 1992 NAS PENSACOLA FL
11/30/1992
ABB ENVIRONMENTAL SERVICES, INC

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November 30, 1992

Mr. Jim Crane
Florida Department of Environmental Regulation
2600 Blairstone Road
Tallahassee, Florida 32301

Re: Summary of meeting minutes
November 20, 1992, meeting
Sites 607NE, 2662W, 3221NW, 3221SW, 3450S, 3450W, and 3557S,
Naval Aviation Depot (NADEP)
Naval Air Station (NAS), Pensacola, Florida

Dear Jim:

The purpose of this letter is to summarize the discussions of our meeting of November 20, 1992, at 9:00 A.M., regarding the referenced sites at the NADEP facility, NAS Pensacola. The purpose of the meeting was to clarify comments brought forth by FDER concerning the *No Further Action Proposals (NFAPs)* submitted for sites 607NE, 3221NW, 3450W, and 3557S. In addition, the manner and scope of future investigation at sites 2662W, 3221SW, and 3450S was discussed.

ABB-ES personnel in attendance were Peter Redfern, Jim Williams, and Roger Durham. SouthDiv personnel in attendance were Luis Vazquez, Herb Frazier, and Carl Loop. FDER personnel in attendance were Jim Crane, Eric Nuzie, Jorge Caspary, and Mike Bland. An informal presentation for each site was given. Groundwater flow direction maps and soil and groundwater contamination maps for each site were provided.

The discussion to follow is our interpretation of what occurred at the meeting.

Site 607NE- Because petroleum-contaminated soils were returned to the former UST excavation, FDER requests the drilling of three additional soil borings within 10 feet of the UST. Soil samples should be collected every two feet vertically and analyzed by organic vapor analyzer (OVA) headspace techniques. An additional sample should be collected from the most-contaminated area at a depth just above the water table and analyzed for total recoverable petroleum hydrocarbons (TRPH). Total metals analysis of soil samples is not required. If contamination is observed around the UST location, then additional borings may be required as outlined in the May 1992, "Guidelines for Assessment and Remediation of Petroleum Contaminated Soils."

Site 3221NW- A *NFAP* was granted for this site.

Site 3557S- Three additional soil borings located within 10 feet of the UST location will be required. Soil samples will be analyzed as described for Site 607NE. Total metals analysis of soil samples is not required. If contamination is found, then additional borings may be required.

Site 3450W- Resampling of the five existing monitoring wells at the site will be required to confirm the persistence of 1,1-dichloroethane contamination in the groundwater. In addition, a deep well, screened from 35 to 40 feet below land surface, should be installed a few feet south of monitoring well PEN-3450W-MW2. All six monitoring wells should be sampled and analyzed for EPA Method 601. The unidentified compounds detected in the samples collected from well PEN-3450W-MW2 during two previous sampling events should be identified. Additional soil borings and soil sampling are not required at the site.

Site 3221SW- Three additional soil borings should be drilled within 10 feet of the UST location. Soil samples should be collected and analyzed as described for Site 607NE. Total metals analysis of soil samples is not required.

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The unidentified compounds detected in groundwater samples collected from previous sampling events should be identified. The PCE and TCE contamination found in groundwater samples collected from monitoring wells at the site does not appear to be related to a discharge from the UST. The area downgradient of the UST will likely be transferred to the CERCLA program.

Site 3450S- Four soil borings at the former UST location should be drilled. Soil samples will be collected every two feet vertically until a depth of ten feet bls (the maximum depth of the UST excavation) is reached. Soil samples should be screened by OVA headspace analysis. One soil sample should be collected from the center of the former UST excavation, at a depth of approximately 5 feet bls (the approximate depth of the former UST), and analyzed for EPA Methods 8010, 8020, and 9073. The TCE and 1,1,2-trichloroethane contamination found in the groundwater appears to warrant future investigation under CERCLA guidelines.

Site 2662W- The scope and methodology of future investigation at this site were discussed. Because most of the contamination found at this site appears to be related to the discharge of JP-5 fuel from sources other than the waste oil UST, additional groundwater samples at the site can be analyzed for constituents of the kerosene analytical group instead of the waste oil/unknown group. Analyses for ethylene dibromide (EDB) is only required for wells along the periphery of the petroleum-contaminated area. A meeting with FDER will be scheduled in the near future to discuss the rational for placement of additional soil borings and monitoring wells at the site.

Please contact me at your earliest convenience if your understanding of the meeting discussions text is different.

Very truly yours,
ABB ENVIRONMENTAL SERVICES, INC.

Peter L. Redfern
Senior Project Manager

cc: L. Vazquez, Code 1843
E. Nuzie, FDER
J. Caspary, FDER
J. Williams, ABB-ES
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