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NAS PENSACOLA
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LETTER REGARDING SUMMARIZATION OF GUIDELINES FOR CONTAMINATION
ASSESSMENT ACTIVITIES FOR SITE 2662W NAS PENSACOLA FL
9/1/1992
ABB ENVIRONMENTAL SERVICES, INC



September 1, 1992

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

**Re: Guidelines for Contamination Assessment Activities
Site 2662W, 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 August 18, 1992 at 2:00 P. M., regarding the referenced site. Under contract with the U. S. Navy, ABB Environmental Services (ABB-ES) investigated reported petroleum contamination at 18 identified underground storage tank (UST) sites at NADEP Pensacola. The scope and manner of investigation proceeded under rules and regulations governing UST petroleum contamination outlined in Chapter 17-770, Florida Administrative Code (FAC).

Groundwater analytical results indicate that many of the sites have groundwater contaminants which are not petroleum compounds. At the Installation Restoration Conference (IRC) held at NAS Pensacola on June 17, 1992, it was recommended that future investigations at nine of the 18 sites be performed under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) guidelines. At the time of the IRC, groundwater analytical results had not been fully evaluated at NADEP Pensacola Site 2662W and no recommendation was made concerning Site 2662W.

The purpose of the August 18, 1992 meeting between ABB-ES and the Florida Department of Environmental Regulation (FDER) was to clarify the guidelines under which future investigation at the site would continue. ABB-ES personnel in attendance were Jim Williams and Roger Durham. FDER personnel in attendance were Jim Crane, Eric Nuzie, and Jorge Caspary. FDER informally reviewed soil and groundwater analytical data and contamination isoconcentration maps for Site 2662W.

Twenty two monitoring wells were installed at Site 2662W which is the former location of a UST reportedly used for waste oil storage. Analytical results of groundwater samples from the site indicate high concentrations of petroleum constituents. Non-petroleum contaminants were identified only in the sample collected from well PEN-2662W-MW20. Vinyl chloride, tetrachloroethene, and 1,2-dichloroethene were detected in concentrations of 65 parts per billion (ppb), 40 ppb, and 10 ppb, respectively. Petroleum compounds were also detected with these constituents. Monitoring well PEN-2662W-MW20 is located approximately 300 feet downgradient of the former UST and is downgradient of an underground bilge waste line used

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for transportation of oily waste. It is suspected this line may be the source of the non-petroleum compounds detected in the groundwater sample from well PEN-2662W-MW20.

It is our understanding that FDER approves the investigation at Site 2662W to continue under Chapter 17-770, FAC guidelines. This approval is based upon the following data: (1) the site is predominantly contaminated with petroleum products except in the vicinity of monitoring well PEN-2662W-MW20, (2) PEN-2662W-MW20 is located downgradient of the majority of petroleum contamination, and (3) recommendations made at the IRC regarding similar sites with minimal amounts of non-petroleum compounds allow for investigation to proceed under Chapter 17-770, FAC guidelines. It is understood that the recommendations of FDER reflect FDER technical opinion and are consistent with past recommendations of the Region IV U.S. Environmental Protection Agency.

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

Very truly yours,

ABB Environmental Services, Inc.

Michael J. Williams, P. G.
Task Order Manager

cc: Luis Vazquez
Eric Nuzie
Jorge Caspary
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