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NAS WHITING FIELD
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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
REVIEW COMMENTS ON CLEAR CREEK FLOODPLAIN INVESTIGATION REPORT NAS
WHITING FIELD FL
9/7/1993
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Lawton Chiles
Governor

Florida Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

09.01.00.0037

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Virginia B. Wetherell
Secretary

September 7, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Jeff Adams
Remedial Activities Branch
Department of the Navy
Southern Division
Naval Facilities Engineering Command
Post Office Box 190010
Charleston, South Carolina 29419-9010

Dear Mr. Adams:

Department personnel have completed the technical review of the Clear Creek Floodplain Investigation Report, NAS Whiting Field. I have enclosed a memorandum addressed to me from Mr. David M. Clowes. It documents our comments on the referenced report.

If I can be of any further assistance with this matter, please contact me at 904/488-0190.

Sincerely,

David M. Clowes for
Eric S. Nuzie
Federal Facilities Coordinator

ESN/bb

Enclosure

cc: David Clowes
James Holland
Bill Kellenberger
Lynn Griffin
John Mitchell
Allison Drew

Florida Department of
Environmental Protection

Memorandum

TO: Eric S. Nuzie, Federal Facilities Coordinator
Bureau of Waste Cleanup

THROUGH: James J. Crane, P.G./Administrator *JJC*
Technical Review Section

Jorge R. Caspary, Professional Geologist *JRC*
Technical Review Section

FROM: David M. Clowes, Base Coordinator *Dme*
Technical Review Section

DATE: August 24, 1993

SUBJECT: Clear Creek Floodplain Investigation Report, Naval
Air Station Whiting Field, Milton, Florida.

I have reviewed the above stated document, dated July 1993 (received July 21, 1993), submitted for this site.

Clear Creek Floodplain sediments sampled and analyzed contained VOCs, pesticides, PCBs, inorganics and TPH above background levels. Possible contamination sources are the four drums already discovered, drums upstream yet undiscovered, surface water runoff from the base (west end of South Field Runway #13), or possibly from groundwater discharge. Further investigation/documentation, as described below, is necessary to determine all possible sources and delineate the extent of contamination:

1. Geophysical sampling (Magnetic Survey and EM Induction) to the northwest of the southern beaver pond (the area not sampled due to standing water) when the area is conducive to sampling.
2. Sediment TPH field screening samples from the northwest corner of the floodplain study area (north beaver pond - the area not sampled due to water depth) when the area is conducive to sampling.
3. Surface water samples from the concrete drainage ditch effluent discharge.
4. Resampling sediment locations of samples containing acetone and MEK, to determine if these constituents are lab contaminants or present at the site. Due to their presence in only the field samples and not in the blanks (trip, rinsate and field) or the background sample it seems doubtful they are lab contaminants.

MEMORANDUM

Eric S. Nuzie

August 24, 1993

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5. Please include a figure illustrating the relationship of the floodplain to the surface water stations with the highest levels of contamination detected in the Remedial Investigation Study (Stations 2 of Phase I/Station 4 of Phase II-A).

Note, the source and extent of contamination needs to be delineated before this site can be adequately addressed in a Baseline Risk Assessment.