

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL F

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TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

April 25, 1986

Mr. Bill Roache
Naval Air Station Jacksonville
Code 18E Public Works
Jacksonville, Florida 32212

Dear Mr. Roache:

This letter is forwarded to you at the request of Mr. James Malone. The attachment addresses the Department's technical review comments for the Assessment of Groundwater Contamination, Characterization Phase, March 1986, NAS Jacksonville.

If there are any concerns regarding this matter, please contact me at 904/488-0190.

Sincerely,

Eric S. Nuzie
Environmental Supervisor
Bureau of Operations

ESN/mlr

Enclosure

cc: Mike Fitzsimmons
Wayne Mathis



Interoffice Memorandum

FOR ROUTING TO OTHER THAN THE ADDRESSEE

TO: _____	LEAD: _____
TO: _____	LEAD: _____
TO: _____	LEAD: _____
FROM: _____	DATE: _____

TO: Eric Nuzie, Bureau of Operations

THROUGH: John Gentry, Bureau of Operations *JG*

FROM: J.J. Crane, Bureau of Operations *JJC*

DATE: April 1, 1986

SUBJECT: NAS Jacksonville, Assessment of Ground Water Contamination, Characterization Phase, March, 1986 - Review Comments

I've reviewed the subject document and have offered these comments for your consideration. This document does not address the concerns I stated in my January 13, 1986 memorandum to you regarding the Verification Phase. I still stand by those review comments and will not repeat them here.

The investigation in the NARF Area (Site Nos. 11,12,14,15,16) generally appears to be technically sound. I do agree with the recommendations for the interceptor well at B-1, the pump testing, and additional sampling of all the contaminated NARF wells and the water supply wells, and the risk assessment approach to determining if a problem exists.

I do, however, have several concerns. The battery shop, Building 125, contained a seepage pit where waste acids from the lead-acid batteries were disposed of. The two monitoring wells nearest the building were not sampled for metals and, in fact, neither of the wells appear to be down-gradient of Building 125, according to the water table elevation contours on Figure 3. I think a well should be placed down-gradient of the building and be sampled for lead, arsenic, antimony, zinc and cadmium, as well as specific conductance and pH. Also, wells that are down-gradient of or in areas of JP-5 and oil spills should be analyzed for base neutral organic compounds if they are in areas not monitored by wells B-1, D-1, D-2 or 6.

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Fire Pit (Site No. 28) has not been sampled for metals and base neutrals as I recommended in my January 13, 1986 memo. I agree with the recommendation for Old Drum Lot (Site No. 30). It should be noted that TCE in excess of FDER MCL's was found, however, I'm certain that a risk assessment would show this not to be a health or environmental problem due to the absence of drinking water receptors and levels below aquatic toxicity levels. I agree with the recommendations for the Base Landfill (Site No. 32) and the NFD Site No. 5.

If you have any questions, please see me.

JJC/cs