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NAS WHITING FIELD
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LETTER REGARDING ANALYTICAL RESULTS FROM GROUNDWATER MONITORING AT
BATTERY SHOP SITE NAS WHITING FIELD FL
8/22/1986
NAVFAC SOUTHERN



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
2155 EAGLE DR., P. O. BOX 10068
CHARLESTON, S. C. 29411-0068

Chark

PLEASE ADDRESS REPLY TO THE
COMMANDING OFFICER, NOT TO
THE SIGNER OF THIS LETTER.
REFER TO

5090
Code 1143/11

19 AUG 1986

RECEIVED

AUG 22 1986

Mr. George E. Hoffman, Jr.
District Enforcement Officer
Florida Department of Environmental Regulation
160 Governmental Center
Pensacola, FL 32501-5794

NORTHWEST FLORIDA
PER

Subj: GROUNDWATER MONITORING AT THE BATTERY SHOP SITE, NAVAL AIR STATION (NAS)
WHITING FIELD, MILTON, FL

Dear Mr. Hoffman:

The analytical results of water samples collected on 20 May 1986 from the Battery Shop site at NAS Whiting Field are attached as enclosure (1). The sample locations include monitor wells GMW-1, GMW-2, GMW-3 and GMW-4 and water supply well W-S2. All samples were analyzed for the organic parameters of EPA's Priority Pollutant list. Under our current monitoring program, these results represent the last monthly sampling event for the first quarter.

The results of samples collected on 20 May 1986 show no organic contaminants in monitor wells GMW-1, GMW-3 and GMW-4 as was the case in two previous analyses. However, in monitor wells GMW-2 and water supply well W-S2, two volatile organic compounds (VOCs) (chloroethene and vinyl chloride) were detected. Because these compounds had not previously been detected in any groundwater samples collected at the Battery Shop site, resampling and analyses for VOCs was conducted in July 1986 on wells GMW-2 and W-S2. The re-analyses (enclosure (2)) showed no VOCs in monitor well GMW-2 and 4 ug/l benzene in supply well W-S2. The past analyses of samples taken on 21 March 1986 (enclosure (3)) and 21 April 1986 (enclosure (4)) tend to refute the validity of the original analyses for wells GMW-2 and W-S2 in May 1986.

A review of the past analyses indicates that the only parameters of any frequent occurrence are VOCs most particularly benzene. Therefore, future quarterly samples starting on or around 21 August 1986 will be analyzed for VOCs only.

Should you have any questions concerning this matter, please call Mr. Sonny Chestnut at telephone number (803) 743-5510.

Sincerely,


GLENN C. FRAZIER, P.E.
Acting Head, Environmental Branch

Encl:

- (1) Analytical Results of Samples Taken on 20 May 86
- (2) Analytical Results of Samples Taken on 28 Jul 86
- (3) Analytical Results of Samples Taken on 21 Mar 86
- (4) Analytical Results of Samples Taken on 21 Apr 86

Copy to: (w/o encl)

NAS Whiting Field (Mr. Danny Locklear)
Geraghty & Miller (Mr. Bill Bocskocsky)