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LETTER REGARDING U S EPA REGION IV REVIEW AND COMMENTS ON DRAFT
GROUNDWATER SAMPLING FOR STUDY AREA 52 NTC ORLANDO FL
9/2/2002
U S EPA REGION IV

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08,01,52,0001

September 2, 2002

4WD-FFB

Ms. Barbara Nwokike
Southern Division
Naval Facilities Engineering Command
P.O. Box 190010
Charleston, SC 29419-9010

SUBJ: Technical Review and Comments the Draft Groundwater Sampling Report for Study Area 52, Naval Training Center Orlando, Orlando , Florida, June 2002.

Dear Ms. Nwokike:

The United States Environmental Protection Agency (EPA) has completed its review of the subject document.

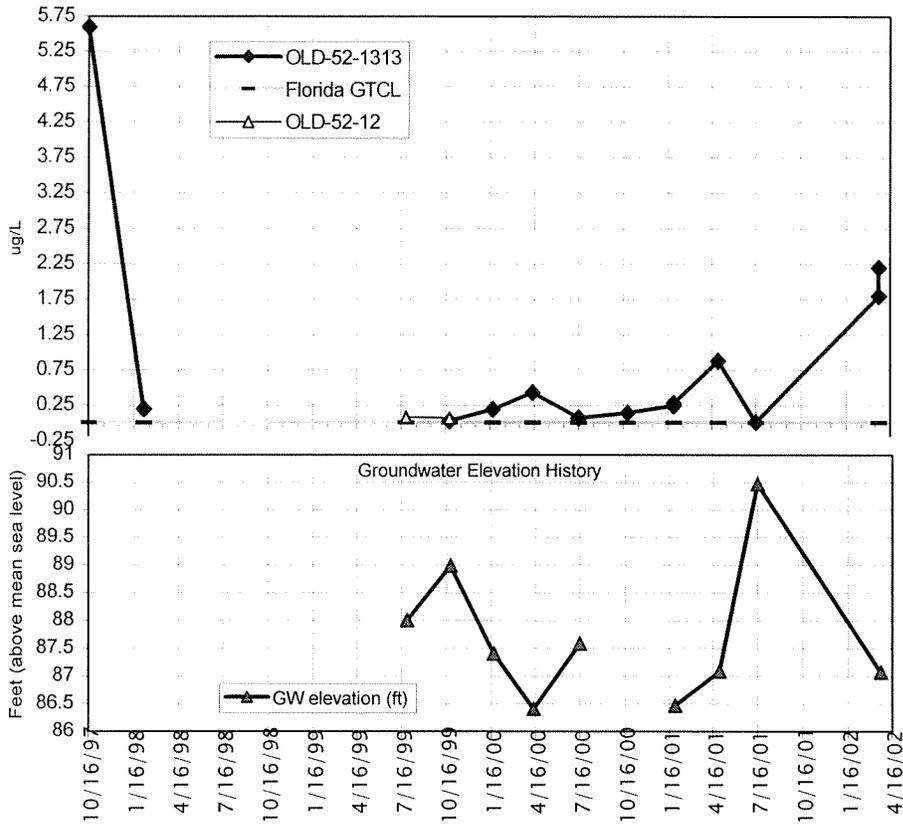
GENERAL COMMENT

1. Dieldrin was the only chemical to exceed the GCTL. Detections above GTCL of 0.005 µg/L appear to peak for Spring measurements. When compared to groundwater elevation history, it is evident that the peaks in groundwater elevation anti-correlate with troughs of dieldrin concentration. This suggests some dilution of the substance by groundwater on a seasonal basis. When the water table is low, dieldrin detection is high. It is also noted that overall, there seems to be an increase in dieldrin concentration from Spring of 2000 to Spring of 2002 at OLD-52-13. This is of more concern than the recent increase from July 2001. (See graph below)

SPECIFIC COMMENTS

1. Table 1, page 2 of 2. The data for the groundwater elevation (AMSL) on 10/25/2000 should be reviewed for possible error. Please verify numbers for all wells.
2. Table 3, page 4 of 5. Dieldrin concentration for sample number 52G01301 on 10/16/1997 is 5.6P. Please define "P" in table footnotes.

Dieldrin History in OLD SA-52 Wells 12 and 13



If you have any questions, please call me at (404) 562-8544.

Sincerely,

Gregory D. Fraley
Senior Remedial Project Manager

cc:

David Grabka, FDEP