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MEMORANDUM AND COMMENTS FROM FLORIDA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION REGARDING REVIEW OF DRAFT REMEDIAL INVESTIGATION REPORT  
SITES 8 AND 24 OPERABLE UNIT 13 NAS PENSACOLA FL  
8/15/1997  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Florida Department of  
**Environmental Protection**

**Memorandum**

**TO:** John Mitchell, E.S. III, Remedial Project Manager  
**THROUGH:** Tim Bahr, P.G. Supervisor, Technical Review Section *B*  
**FROM:** David P. Grabka, E.S. I, Technical Review Section *DPG*  
**DATE:** August 15, 1997  
**SUBJECT:** NAS Pensacola, Remedial Investigation Report, Operable Unit 13, Sites 8 and 24

I have reviewed the Draft Remedial Investigation Report submitted by Ensafe/Allen & Hoshall for the above-reference sites and have the following comments:

(1) The report recommends "no further action" for groundwater at Sites 8 and 24. This recommendation is based on groundwater in the vicinity of these sites not being used. Because Florida Primary and Secondary Drinking Water Standards were exceeded by several contaminants at both sites, until a base-wide management plan for restricting the use of groundwater is in place, "no further action" does not appear warranted for groundwater at these sites.

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(2) The vertical extent of groundwater contamination has not been assessed. Vertical extent wells also should be used to determine if there is a vertical component to groundwater flow.

*(3)* During preliminary screening of Site 24, carbamate pesticide contamination, fluometuron and methomyl, was detected. It does not appear that confirmation of these pesticides was conducted.

*(4)* A monitoring well should be installed at the northeast corner of the fenced enclosure around building 3678 to confirm tetrachloroethene contamination detected during site screening. The well should be sampled and analyzed for VOC's, SVOC's, pesticides and metals.

*(5)* A monitoring well should be installed approximately 100 feet downgradient of the monitoring well mentioned in comment (4). Groundwater should be analyzed for VOC's, SVOC's, pesticides and metals. The location of the well should be in the general vicinity where the highest level of fluometuron contamination in surface soil was detected during site screening.

*maint only*  
(6) I concur with the "no further action" recommendation for soil contamination at Site 8. With institutional controls to keep the property industrial and to maintain the asphalt paving, soil contamination at the site should not pose a human health or ecological risk.

(7) The Navy recommends a Focused Feasibility Study be performed to determine appropriate risk management alternatives and actions to address surface soil contamination at Site 24. One

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surface soil sampling location had a benzo(a)pyrene concentration slightly in excess of the Florida Soil Cleanup Goals under the industrial scenario. Surficial soil contamination should not pose a human health risk. However, concentrations of lead and DDT and its metabolites may pose a risk to avian species as shown in the ecological risk assessment.