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NAS PENSACOLA  
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LETTER REGARDING U S EPA REGION IV ACCEPTANCE OF USING POLYVINYL  
CHLORIDE PIPING IN CONSTRUCTION OF GROUNDWATER WELLS NAS PENSACOLA FL  
3/18/1992  
U S EPA REGION IV



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03.01.00.0037

UNITED STATES ENVIRONMENTAL PROTECTION

REGION IV

345 COURTLAND STREET, N.E.  
ATLANTA, GEORGIA 30365

4/7/92  
5/8

MAR 18 1992

4WD-RCRA/FF

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Ms. Suzanne Sanborn  
Remedial Activities Branch  
Department of the Navy - Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Drive  
P.O. Box 10068  
Charleston, S.C. 29411-0068

RE: Conditional acceptance of Navy's decision to use PVC as  
monitoring well construction material  
Naval Air Station (NAS) Pensacola

Dear Ms. Sanborn:

The U.S. Environmental Protection Agency (EPA) has received and  
reviewed the following document, dated January 1992:

Justification for the Use of Polyvinyl Chloride as  
Monitoring Well Construction Material at Naval Air Station  
Pensacola, Pensacola, Florida

As a secondary document EPA accepts the document as presented  
with the understanding that the Navy will be responsible for  
any and all compounds or contaminants found in association with  
PVC groundwater monitoring wells at NAS Pensacola.

The EPA Region IV Standard Operating Procedures and Quality  
Assurance Manual (February 1, 1991) for the selection of  
monitor well materials (Appendix E, Section E.5) specifically  
states that stainless steel (304 or 316) is the preferred  
material for monitor wells located in areas of organic compound  
contamination. However, the Navy may elect to use PVC for  
monitoring well construction on a site-specific basis.

If the Navy uses PVC as well casing material then NAS Pensacola  
will be held responsible for all risks that the use of that  
casing material might cause (i.e., interferences and/or  
inaccuracies in chemical analysis). All compounds found in  
samples collected from the aquifer will be considered to  
originate in the aquifer being monitored. EPA acceptance of  
PVC for well casing material applies to all Operable Units for  
which a Draft RI/FS Work Plan has been received and/or approved  
prior to submittal of this letter (i.e. Operable Units 1  
through 14).

EPA reserves the right to refuse groundwater monitoring data from groundwater wells constructed of alternate materials from those specified in the Region IV SOP/QAM whenever such construction materials could cause the groundwater monitoring data to fail to meet the necessary data quality objectives. The Navy will be notified of such situations as soon as they are apparent.

Should you have any further questions regarding this matter, please call me at (404) 347-3016.

Sincerely yours,



Allison W. Drew  
Remedial Project Manager  
DOD Remedial Section

cc: Eric Nuzie, FDER  
Ron Joyner, NAS Pensacola