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NAS PENSACOLA
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April 25, 1997

Florida Department of Environmental Protection
Attn: John Mitchell
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Final Preliminary Site Characterization Report,
Site 36, NAS Pensacola
Contract # N62467-89-D-0318/063

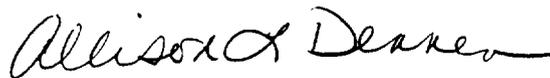
Dear Mr. Mitchell:

On behalf of the Navy, EnSafe/Allen & Hoshall is pleased to submit one copy of the Final Preliminary Site Characterization report for Site 36 at the Naval Air Station Pensacola in Pensacola, Florida. Response to comments are also enclosed.

If you should have any questions or need any additional information regarding the document, please do not hesitate to call me.

Sincerely,

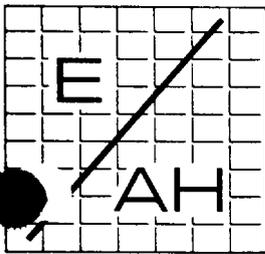
EnSafe/Allen & Hoshall



Allison L. Dennen
Task Order Manager

Enclosure

cc: Patricia Kingcade, FDEP without enclosure
Tom Moody, FDEP — NW District without enclosure
Bill Hill, Code 1851 SOUTHNAVFACENGCOM without enclosure
Kim Reavis, Code 0233KR SOUTHNAVFACENGCOM without enclosure
EnSafe/Allen & Hoshall file without enclosure
EnSafe/Allen & Hoshall CTO 063 file without enclosure
EnSafe/Allen & Hoshall Pensacola file without enclosure
EnSafe/Allen & Hoshall Library without enclosure
Administrative Record without enclosure



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Florida Department of Environmental Protection
Site 36 IWTP Sewer Line Preliminary Site Characterization Report
Response to Comments

I have completed the technical review of the above referenced document dated August 9, 1996 (received August 15, 1996). I agree with the overall recommendations that no further investigation is needed for the eastern portion of the IWTP Sewer Line, and that no further remedial action is needed for this area. However, action is needed to restrict the use of the groundwater in this area.

Also, further assessment is needed at the southwest portion of the sewer line at temporary monitoring well 036GR42 where lead was detected at 266 $\mu\text{g}/\text{L}$. Aluminum and iron were also elevated in this well at 50 and 70 times the respective secondary drinking water standard. I recommend four additional monitoring wells be installed to adequately determine if there is a lead plume in this area of the sewer line. I suggest placing one well approximately 60 feet upgradient of 063GR42, a well in the previous location of 036GR42, one well east of and side gradient of 036GR42, and the fourth well approximately 50 feet downgradient of 036GR42. Analysis should be for metals only.

Response:

Contaminants detected in groundwater along the eastern portion of the line are attributable to Sites 21 and 38, and *can* be further addressed during their site-specific investigations. In addition, given the close proximity of the site to Pensacola Bay, it is unlikely that the shallow groundwater in the area would be used **as** a potable water source because of saltwater intrusion.

The four monitoring wells were installed and sampled for metals only on December 3, 1996. The laboratory analysis is presented in Section 7. The only parameter to exceed both the PRG and reference concentration **was** manganese (220 ppb) at 36GR43. The downgradient monitoring well had no exceedances.