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a joint venture for professional

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NAS PENSACOLA
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May 27, 1993

Florida Department of Environmental Regulation
Federal Facilities Coordinator
Attn: Eric Nuzie
Twin Towers ~~Office~~ Building
2600 Stone Road
Tallahassee, Florida 32399-2400

RE: Response to comments for ~~Def~~ **Work Plans:** Sites **40** and **42**, NAS Pensacola,
Contract # N62467-89-D-0318/036

Dear **Mr.** Nuzie:

Enclosed please find a copy of the responses to the **FDER** comments for the **Work Plans** on Site
40 and **42:** Naval **Air** Station Pensacola in Pensacola, **Florida.**

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

Sincerely,
EnSafe\Allen & Hoshall

Henry H. Beiro
Task Order Manager

Enclosure
Response to Comments

cc: **Linda Martin**, SOUTHNAVFACENGCOM

File

State of Florida Department of Environmental Regulation
Technical Comments on the **Draft** RI/FS Work Plan
Site 40 Bayou Grande
Pensacola Naval Air Station

Comment 1

Figures 5-1A and B sampling locations **need** better **definition**. These figures should **incorporate** sites potentially impacting Bayou Grande **as** shown on Figure 3-1. **This step** should provide a better understanding **as to how each** site relates to **the** proposed sampling program.

Response

Agreed. Figures 5-1A and B will include the **sites** potentially **impacting** Bayou Grande.

Comment 2

The Navy proposes to take sediment samples at **500** foot intervals along the waterfront and 300 feet into Bayou Grande. While a closer **spaced** sampling interval would have **been** advisable to lessen the possibility of areal gaps, the proposed sediment sampling interval is acceptable as a step in the right direction to assess the **impact** of the facility on the Bayou. The Navy might have **to fill** in any **data** gaps via additional sampling once validated **data** is available.

Response

During the meeting of May 12 and 13, 1993 in Atlanta, this comment **was** discussed. The **Navy** agreed that additional sediment samples would **be collected, if necessary**. However, **as agreed** with **ETAG** representatives the proposed sampling **plan** will be **modified** to include two steps: 1) sediment (**grain size** and total **organic carbon**) sampling at the current **grid** stations with subsequent bottom mapping, and 2) **chemical** sampling in those areas where deemed **necessary** from **data** generated in step 1 and **associated** with a given site.

Comment 3

Explain the rationale of obtaining sediment samples **from a depth of 0 to 2** feet. It would seem that in **an** estuarine environment like Bayou Grande, bottom dwelling organisms live in the first foot of the sediment column.

Response

Sediment samples will be **collected** from a depth of **0 to 6** inches. This **comment** was discussed in the meeting in Atlanta on May 12 and 13, 1993.

Comment 4

The Navy proposes to take **surface water quality** samples at **approximately 3000** foot intervals. It is **customary** to take surface water **and** sediment samples **together**; however, given the extent **of this site** and the number of sediment samples **to be collected, this step** is impractical. The Navy should be **aware** that if chemical constituents in sedimentary matrix exceed the **ARARs** at any of **the** sampling **points** along the waterfront, **the** Department will **require that** a corresponding water **quality** sample be obtained **at** such sediment sampling point to **ascertain** any potential degradation of **Bayou water quality**.

Response

The Navy agrees that **water quality of the Bayou must be studied**. **Water quality is** currently being studied by established water quality stations. **If a sediment sample exhibits** contamination, a surface water quality sample **will be collected near** the sediment sampling point for laboratory analysis.

State of Florida Department of Environmental Regulation
Technical Comments on the **Draft RI/FS Work Plan**
Site 42 Pensacola Bay
Pensacola Naval Air Station

Comment 1

Figures 5-1A, B, and C sampling locations need better definition. These figures should incorporate sites potentially impacting Pensacola Bay as shown on Figure 3-1. This step should provide a better understanding as to how each site relates to the proposed sampling program.

Response

Agreed. Figures 5-1A, B, and C will include the sites potentially impacting Pensacola Bay.

Comment 2

The Navy proposes to take sediment samples at 500 foot intervals along the waterfront and 300 feet into Pensacola Bay. While a closer spaced sampling interval would have been advisable to lessen the possibility of areal gaps, the proposed sediment sampling interval is acceptable as a step in the right direction to assess the impact of the facility on the Bay. The Navy might have to fill in any data gaps via additional sampling once validated data is available.

Response

During the meeting of May 12 and 13, 1993 in Atlanta, this comment was discussed. The Navy agreed that additional sediment samples would be collected, if necessary. However, as agreed with ETAG representatives the proposed sampling plan will be modified to include two steps: 1) sediment (grain size and total organic carbon) sampling at the current grid stations with subsequent bottom mapping, and 2) chemical sampling in those areas where deemed necessary from data generated in step 1 and associated with a given site.

Comment 3

Explain the rationale of obtaining sediment samples from a depth of 0 to 2 feet. It would seem that in an estuarine environment like Pensacola Bay, bottom dwelling organisms live in the first foot of the sediment column.

Response

Sediment samples will be collected from a depth of 0 to 6 inches. This comment was discussed in the meeting in Atlanta on May 12 and 13, 1993.

Comment 4

The Navy proposes to take surface water quality samples at approximately 3000 foot intervals. It is customary to take surface water and sediment samples together; however, given the extent of this site and the number of sediment samples to be collected, this step is impractical. The Navy should be aware that if chemical constituents in sedimentary matrix exceed the ARARs at any of the sampling points along the waterfront, the Department will require that a corresponding water quality sample be obtained at such sediment sampling point to ascertain any potential degradation of Bay water quality.

Response

The Navy agrees that water quality of the Bay must be studied. Water quality is currently being studied by established water quality stations. If a sediment sample exhibits contamination, a surface water quality sample will be collected near the sediment sampling point for laboratory analysis.

Comment 5

The Navy proposes the installation of six temporary monitoring wells along the waterfront to determine the potential impact of inland CERCLA sites on the Bay at the groundwater/surface water interface. This is an acceptable course of action; however, it is suggested that the number of temporary monitoring wells be increased in front of the aircraft parking apron to the left of Site 2, in front of Tank No. 354, and between Site 20 and the southern part of Site 14. The addition of temporary wells to these three areas will provide better control on the potential migration of contaminant plumes in groundwater along sections of the waterfront that have the potential of being impacted by plume migration but do not have monitoring wells proposed along the groundwater/surface water interface.

Response

Permanent monitoring wells will be installed at Site 38 near the waterfront, to the left of Site 2, that can be used to provide control of migration of contaminant plumes in groundwater along that section. One additional temporary monitoring well will be installed in front of Tank No. 354. A temporary monitoring well is currently proposed for the area between Site 20 and the southern part of Site 14.