

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2
700 HEINZ AVE., SUITE 200
BERKELEY, CA 94710-2737

N60028_000238
TREASURE ISLAND
SSIC NO. 5090.3.A



January 28, 1993

Commanding Officer
Western Division
Attn: Mr. Ernesto Galang, Code 1813
Naval Facilities Engineering Command
900 Commodore Drive
San Bruno, California 94066-0720

Dear Mr. Galang:

**DRAFT FIELD WORK PLAN AND HEALTH AND SAFETY PLAN FOR
CHARACTERIZATION WELL INSTALLATION, NAVAL STATION TREASURE ISLAND**

The Department of Toxic Substances Control (DTSC) has completed its review of the draft Field Work Plan and Health and Safety Plan for Characterization Well Installation, for Naval Station Treasure Island. The following comments should be incorporated into the final plans.

Comments on the Draft Field Work Plan

1. Page 6, Section 2.4 Previous Sampling and Analytical Results.

Please include a summary of sampling activity at the Fuel Farm Area during the Remedial Investigation (RI). Two monitoring well were installed and tested during the RI. The presence of hydrocarbons in Monitoring Wells 1 and 2 should be summarized in this section.

2. Page 6, Section 2.4 Previous Sampling and Analytical Results.

Please include a discussion on the integrity of the fuel tanks and the potential sources of contamination.

3. Page 8, Section 3.1 Sampling Strategy and Rationale.

As reported in Section 2.4 of this report, only one piezometer (M1) had detectable floating product in 1991. This monitoring well is adjacent to tank 456, the only fuel tank still in use at the Fuel Farm. All three characterization wells are upgradient to tank 456 and are in an area where floating product may no longer occur. The characterization wells should be installed in areas where floating product is likely to occur. This will require at least one of the well being placed within the bermed area of Tank 456.

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4. **Page 11, Section 3.3.1, Characterization Well Design, Second full paragraph.**

The plan states that chlorinated solvents and aromatic hydrocarbons can degrade PVC and stainless steel will be used if they are encountered. Please explain how the presence of chlorinated solvents and aromatic hydrocarbons will be anticipated or identified. Can the Navy utilized data previously collected at the Fuel Farm Area, or will the new borings be tested prior to installation of the characterization wells?

5. **Page 11, Section 3.3.1, Characterization Well Design, Second full paragraph.**

McCreary-Koretsky Engineers (1965) reported an approximately 0.3 foot tidal fluctuations in the surface of the groundwater. Fieldwork conducted by Navy for the RI/FS may have identified a much larger fluctuation. A review of boring logs and groundwater data from sampling activities may provide a more accurate calculation of the tidal variation.

6. **Page 17, Section 3.8, Disposal of Investigation-Derived Wastes, Decontamination Water.**

Will the decontamination water be considered a hazardous waste or will drums with decontamination water be labeled as "Decontamination Water, Pending Lab Analysis."

7. **Page 21, Section 4.1, Project Description.**

This section should include a schedule of planned activities and include the project start date.

Comments on the Health and Safety Plan

1. **Section 1.3, Health and Safety Plan Reviews.**

This section must be completed before the plan is finalized and should include the telephone numbers of the Project Manager, the Health and Safety Coordinators, and the CLEAN Health and Safety Program Manager.

Mr. Ernesto Galang
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January 28, 1993

If you have any questions regarding these comments, please
call me at (510) 540-3809.

Sincerely,



Thomas P. Lanphar
Associate Hazardous Materials
Specialist
Site Mitigation Branch

cc: Ms. Barbara Smith
San Francisco Bay Regional Water
Quality Control Board
2101 Webster Street, Suite 500
Oakland, California 94612

Commander Officer
Attention: Eddie V. Sarmiento
Code 80
Naval Station Treasure Island
410 Palm Avenue
San Francisco, California 94130-0410

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