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15 Apr 1997

From: Commanding Officer, Engineering Field Activity, West, Naval Facilities Engineering Command

Subj: REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) FOR
NAVAL STATION TREASURE ISLAND (NAVSTA TI)

Encl: (1) Draft Remedial Investigation Report Addendum No. 2,
Additional Characterization At Sites 12 And 17 dtd 15 April 1997

1. Enclosure (1) is provided for your review. Please submit your comments on or before 16 May 1997. This technical addendum summarizes the results of the additional field sampling conducted for sites 12 and 17.

2. Thank you for your guidance and involvement in this project. For further information, please call me at (415) 244-2560.

Original signed by:
ERNESTO M. GALANG
By direction of
the Commanding Officer

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NAVSTA TI
DRAFT REMEDIAL INVESTIGATION REPORT
ADDENDUM NO. 2
ADDITIONAL CHARACTERIZATION AT SITES 12 AND 17

SYNOPSIS

This addendum describes the additional sampling conducted at Installation Restoration (IR) Sites 12 and 17 on Naval Station Treasure Island (NAVSTA TI). Key highlights of the additional characterization are summarized below.

Site 12

The objective of the additional sampling at Site 12 was to define the extent of petroleum hydrocarbon contamination near monitoring well 12-MW16. Soil and groundwater samples were collected from eight locations in the vicinity of this well and analyzed for total petroleum hydrocarbons (TPH). Low concentrations of TPH were detected in some of the soil and groundwater samples. It is likely that the low TPH concentrations in groundwater indicate there is a regional groundwater plume in this area of Site 12.

Site 17

The objective of the sampling at Site 17 was to identify the potential extent of chlorinated solvent contamination from Site 05, located upgradient. Soil and groundwater samples were collected from nine locations and analyzed for volatile organic compounds (VOC). Groundwater samples were collected from shallow, intermediate, and deep groundwater depths at each location. VOCs were not detected in soil samples collected at Site 17. Low concentrations of VOCs were detected in approximately half of the groundwater samples collected. The concentrations are less than the U.S. Environmental Protection Agency ambient water quality criteria. The groundwater VOC contamination appears to be limited to the shallow and intermediate groundwater depths along the western portion of the site.

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ENCLOSURE

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REMEDIAL INVESTIGATION REPORT
ADDITIONAL CHARACTERIZATION
SITES 12 AND 17
ADDENDUM NO. 2

DATED 15 APRIL 1997

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