

5090
Ser 1843.2/6391
16 Sep 1996

Ms. Susan Gladstone
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

**Subj: MOFFETT FEDERAL AIRFIELD (MFA) SITE 9 SOURCE CONTROL MEASURES
(SCM) SELF-MONITORING REPORT FOR THE BUILDING 6, 12, AND 45
TREATMENT SYSTEMS, QUARTER 2, APRIL THROUGH JUNE 1996**

Dear Ms. Gladstone:

The U.S. Navy is submitting this self-monitoring report for the Building 6, 12, and 45 treatment systems for the second quarter of 1996. Summary tables, all laboratory results, and chain-of-custody records for this sampling event are attached.

No volatile organic compounds (VOC), purgeable total petroleum hydrocarbons (TPH), or extractable TPH were detected in the effluent from the Building 6 system. Selenium, however, was detected at 8.5 micrograms per liter ($\mu\text{g/L}$), slightly above the permit limit of 5 $\mu\text{g/L}$. No mortality was observed in the sample tested for fish toxicity.

The Building 12 treatment system effluent met all discharge permit limits for VOCs, extractable TPH, or purgeable TPH, metals, and fish toxicity. The Building 45 treatment system effluent met all extractable TPH, purgeable TPH, VOC, and metals discharge requirements except for selenium, which was detected at 16 $\mu\text{g/L}$. However, no mortality was observed during the fish toxicity analysis.

The National Aeronautics and Space Administration (NASA) settling basin sample contained selenium at 9.2 $\mu\text{g/L}$. At this concentration, selenium levels are consistent with background groundwater data, basewide groundwater data, and receiving water data. However, inorganic constituents will continue to be monitored to evaluate potential effects on receiving waters.

Please call Mr. Su Don Tu of my staff at (415) 244-2524 or David Berestka of PRC at (303) 312-8856 if you have any questions or comments.

Sincerely,

STEPHEN CHAO
BRAC Environmental Coordinator

Encl:

(1) Self-Monitoring Report for Quarter 2, April Through June 1996

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Copy to:
PRC Environmental Management, Inc. (Attn: David Berestka)

Blind copies to:
184, 1843, 1843.2, 1843.3
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ENCLOSURE

SELF-MONITORING REPORT FOR QUARTER 2
APRIL THROUGH JUNE 1996

THIS ENCLOSURE WAS NOT SUBMITTED TO THE
ADMINISTRATIVE RECORD FILE.

QUESTIONS MAY BE DIRECTED TO:

DIANE C. SILVA
RECORDS MANAGEMENT SPECIALIST
NAVAL FACILITIES ENGINEERING COMMAND
SOUTHWEST
1220 PACIFIC HIGHWAY
SAN DIEGO, CA 92132

TELEPHONE: (619) 532-3676