

5090  
Ser 1843.2/7089  
22 Jan 1997

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 3, JULY THROUGH SEPTEMBER 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 third quarter of 1996. Summary tables, all laboratory results, and chain-of-custody records for this sampling event are attached.

No volatile organic compounds (VOC) or purgeable total petroleum hydrocarbons (TPH) were detected in the effluent of the Building 6, 12, and 45 treatment systems. No mortality was observed in the samples tested for fish toxicity for all three systems.

TPH as diesel was detected in the Building 6 (75 micrograms per liter [ $\mu\text{g/L}$ ]), Building 12 (62  $\mu\text{g/L}$ ), and Building 45 (53  $\mu\text{g/L}$ ) treatment system effluent. These detections are slightly higher than the permit limit of 50  $\mu\text{g/L}$ . However, each of these detections carries a "Y" qualifier, indicating that the sample exhibits a fuel pattern that does not resemble the standards.

With the exception of selenium, no metals were detected above permit limits for all three systems. Selenium was detected in the Building 6 (5.4  $\mu\text{g/L}$ ), Building 12 (5.8  $\mu\text{g/L}$ ), and Building 45 (7.0  $\mu\text{g/L}$ ) treatment system effluent. These detections are slightly higher than the permit limit of 5.0  $\mu\text{g/L}$ .

Selenium was not detected in the sample collected at the National Aeronautics and Space Administration (NASA) settling basin, indicating that selenium in the Site 9 SCM effluent had no detectable effect on the selenium levels at the outfall. However, inorganic constituents will continue to be monitored to evaluate potential effects on receiving waters.

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

Sincerely,

**ORIGINAL SIGNED BY:**  
**STEPHEN CHAO**  
~~BRAC Environmental Coordinator~~

Encl:

(1) Self-Monitoring Report for Quarter 3, July Through September 1996

Copy to:

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

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184, 1843, 1843.2, 1843.3

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ENCLOSURE

SELF-MONITORING REPORT FOR QUARTER 3  
JULY THROUGH SEPTEMBER 1996

THIS ENCLOSURE WAS NOT SUBMITTED TO THE  
ADMINISTRATIVE RECORD FILE.

QUESTIONS MAY BE DIRECTED TO:

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