

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGIONMAIN STREET, SUITE 500
RIVERSIDE, CA 92501-3339
PHONE: (909) 782-4130
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CODE 18

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MCAS EL TORO
SSIC # 5090.3

September 23, 1996

DUPLICATE

Ms. Lynn Hornecker (Code 1831.LMH)
Remedial Project Manager
Southwest Division NAVFACENGCOM
1220 Pacific Highway
San Diego, California 92518-1728REVIEW OF THE WORK PLAN, UNDERGROUND STORAGE TANK PROGRAM, MARINE CORPS
AIR STATION, EL TORO

Dear Ms. Hornecker:

This is in response to your September 4, 1996 Work Plan regarding well rehabilitation and development at selected Tank 398 Site product recovery wells. You are proposing to use chemical additives to eliminate or to reduce bacteria and to promote increased flow of free product into the well. For the selected wells at Tank 398 Site, you are proposing staged treatments. Each well will be treated with: caustic soda, swabbed for 4 hours, allowed to stand 24 hours, treated with citric acid and muriatic acid mix until pH is 6, swabbed for 4 hours, allowed to stand 24 hours, pumped remove 3 to 5 borehole volumes, and treated with sodium hypochlorite solution to 200 ppm residual chlorine. Each well will be held at the 200 ppm level for 24 hours. Groundwater or product removed during the restoration will be temporarily stored and will be properly disposed of.

Based on the information provided to us, it appears that these processed will not have any adverse impacts on water quality of the Region. Therefore, we have no objection to the above proposal.

For any questions on this review or any related matter, please contact me at (909) 782-4998.

Sincerely,

A handwritten signature in black ink, appearing to read "Lawrence Vitale".

Lawrence Vitale
DoD Program

Ms. Lynn Hornecker

2

September 23, 1996

cc: Lt. Hope Katcharian, Marine Corps Air Station, El Toro
Ms. Bonnie Arthur, U.S. Environmental Protection Agency, Region 9
Mr. Tayseer Mahmoud, Department of Toxic Substances Control, Office of Military
Facilities