



Department of Toxic Substances Control



Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

Gray Davis
Governor

M60050.002776
MCAS EL TORO
SSIC #5090.3

November 8, 2001

Mr. Dean Gould
BRAC Environmental Coordinator
Marine Corps Air Station El Toro
Base Realignment and Closure
P.O. Box 51718
Irvine, California 92619-1718

TECHNICAL MEMORANDUM, PRELIMINARY ASSESSMENT, BUILDING 307,
MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Gould:

The Department of Toxic Substances Control (DTSC) reviewed the referenced document dated October 2001. The Preliminary Assessment (PA) was performed to identify and characterize the possible presence of volatile organic compounds (VOCs) in the environment as a result of laundry and dry cleaning operations at Building 307. Building 307 is located in the southwest corner of Installation Restoration Program (IRP) Site 24. PA activities included the collection and analysis of soil gas, soil, and groundwater samples inside Building 307 and adjacent to the sewer line extending from Building 307 to the former sewage disposal plant.

A total of 88 soil gas samples were collected and analyzed for VOCs. 76 shallow soil gas samples were collected between 5 and 15 feet below ground surface (bgs) and 12 deeper soil gas samples were collected between 25 feet bgs and groundwater (90 feet bgs). Low levels of VOCs were detected in some of the soil gas samples; however, VOCs were not detected in any of the six soil samples collected to coincide with the highest detected soil gas concentrations (with the exception of acetone, a typical laboratory contaminant). Trichloroethene (TCE) concentrations detected in all three groundwater samples are consistent with the concentrations detected in the underlying groundwater plume associated with IRP Site 24.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

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Mr. Dean Gould
November 8, 2001
Page 2

Based on review of the document, there has not been a significant release to the environment at Building 307 or along the sewer alignment extending from Building 307 to the former sewer treatment plant. As a result, DTSC concurs with the recommendation of no further action for Building 307 and the associated sewer line.

If you have any questions, please contact Ms. Triss Chesney, Remedial Project Manager, at (714) 484-5395.

Sincerely,



John E. Scandura, Chief
Southern California Branch
Office of Military Facilities

cc: Ms. Nicole Moutoux
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Mr. Dean Gould
November 8, 2001
Page 3

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