



Gray Davis  
Governor

# Department of Toxic Substances Control

Jesse R. Huff, Director  
5796 Corporate Avenue  
Cypress, California 90630



Winston H. Hickox  
Secretary for  
Environmental  
Protection

January 27, 1999

M60050.002716  
MCAS EL TORO  
SSIC #5090.3

Mr. Joseph Joyce  
BRAC Environmental Coordinator  
U.S. Marine Corps Air Station - El Toro  
AC/S, Environmental (1AU), BRAC Building #899  
P. O. Box 95001  
Santa Ana, California 92709-5001

Dear Mr. Joyce:

## **COMMENTS ON TECHNICAL MEMORANDUM, SUMMARY OF PERCHLORATE TEST RESULTS, SITE 24, MARINE CORPS AIR STATION (MCAS) EI TORO**

The Department of Toxic Substances Control (DTSC) has completed the review of the above subject documents dated December 1998, prepared by Bechtel National, Inc. The Technical Memorandum summarizes the results of perchlorate sampling conducted from January through May 1998. Perchlorate was first detected by the Orange County Water District in groundwater samples collected hydraulically downgradient from MCAS El Toro. The Navy decided to conduct perchlorate analysis in conjunction with ongoing groundwater investigation at Site 24 in the western portion of the station. You informed DTSC in July 1998 that perchlorate was detected in groundwater samples collected beneath MCAS El Toro. Due to the limited area in which the sampling was conducted, the source of the perchlorate could not be determined.

Based on the initial results provided to the regulatory agencies, the BCT agreed that specific groundwater monitoring wells on base and off base would be sampled and analyzed for perchlorate to determine the source of the perchlorate. Basewide groundwater samples were collected in October and November 1998.

DTSC requests that the Technical Memorandum data be incorporated in the basewide perchlorate investigation report. Combining all available information in one report will provide a better interpretation of the perchlorate source and extent.



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If you have any questions, please call me at (714) 485-5418.

Sincerely,



Tayseer Mahmoud  
Remedial Project Manager  
Office of Military Facilities  
Southern California Operations

cc: Mr. Glenn Kistner  
Remedial Project Manager  
U. S. Environmental Protection Agency  
Region IX  
Superfund Division (SFD-8-2)  
75 Hawthorne Street  
San Francisco, California 94105-3901

Ms. Patricia Hannon  
Remedial Project Manager  
California Regional Water Quality Control Board  
Santa Ana Region  
3737 Main Street, Suite 500  
Riverside, California 92501-3339

Mr. Gregory F. Hurley  
Restoration Advisory Board Co-chair  
620 Newport Center Drive, Suite 450  
Newport Beach, California 92660-8019

Mr. Pat Brooks  
Bechtel National, Inc.  
1230 Columbia Street, Suite 400  
San Diego, California 92101-8502

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cc: Ms. Polin Modanlou  
MCAS El Toro Local Redevelopment Authority  
10 Civic Center Plaza, 2nd Floor  
Santa Ana, California 92703

Mr. Andy Piszkin  
Remedial Project Manager  
Naval Facilities Engineering Command  
Southwest Division - Code 1831.AP  
1220 Pacific Highway  
San Diego, California 92132-5187