



# Department of Toxic Substances Control

M60050.000523  
MCAS EL TORO  
SSIC # 5090.3



Winston H. Hickox  
Agency Secretary  
California Environmental  
Protection Agency

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

Gray Davis  
Governor

August 14, 2000

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

## VERIFICATION SAMPLING STRATEGY FOR VADOSE ZONE REMEDIATION AT INSTALLATION RESTORATION PROGRAM (IRP) SITE 24, MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Gould:

The Department of Toxic Substances Control (DTSC) reviewed the verification sampling strategy for vadose zone remediation at Site 24 presented in a letter dated July 26, 2000 and received via facsimile on August 11, 2000. The facsimile transmission did not include Figures 1 through 3 that show the closure verification sampling locations. Based on a verification provided by the Department of the Navy (DON), DTSC understands that Figures 1 through 3 correspond to the figures forwarded in a previous letter dated April 27, 2000.

The proposed verification sampling strategy is consistent with discussions during the June 20, 2000 conference call regarding this subject. Following review of the letter, table and figures, DTSC concurs with the proposed verification sampling strategy.

However, DTSC would like to reiterate that the volatile organic compounds (VOCs) in contaminated groundwater may cause a rebound of VOC concentrations in the vadose zone. As stated in the proposal, DTSC agrees that this can be addressed as part of the groundwater remediation process.

Mr. Dean Gould  
August 14, 2000  
Page 2

If you have any questions, please call me at (714) 484-5395.

Sincerely,



Triss M. Chesney, P.E.  
Remedial Project Manager  
Southern California Branch  
Office of Military Facilities

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

Mr. John Broderick  
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

Ms. Polin Modanlou  
MCAS El Toro Local Redevelopment Authority  
10 Civic Center Plaza, 2<sup>nd</sup> Floor  
Santa Ana, California 92703

Mr. Laszlo Saska  
Department of Toxic Substances Control  
Engineering Services Unit, HQ-29  
P.O. Box 806  
Sacramento, California 95812-0806

Mr. Dean Gould  
August 14, 2000  
Page 3

cc: Ms. Lynn Hornecker  
Remedial Project Manager  
Naval Facilities Engineering Command  
Southwest Division - Code 06CC.LMH  
1220 Pacific Highway  
San Diego, California 92132-5187

Mr. Crispin Wanyoike  
Earth Tech, Inc.  
100 West Broadway, Suite 5000  
Long Beach, California 90802

## TRANSMITTAL

Date: 31 August 2000

From: Lynn Marie Homecker  
MCAS El Toro

To: Diane Silva  
Code 01LS.DS

**Subj: CERCLA Administrative Record Materials**  
Marine Corps Air Station, El Toro

**Installation:** Marine Corps Air Station, El Toro

**UIC Number:** M60050

**Document Title (or subject):** Verification Sampling Strategy for ~~Vadose~~ <sup>Vadose Zone</sup>  
Remediation at IRP Site 24

**Author:** TRISS Chesney (DTSC)

**Recipient:** Dean Gould (BEC)

**Record Date:** 14 August 2000

**Approximate Number of Pages:** 3

**EPA Category:** 01.1

**Sites:** IRP Site 24

**Key Words:** VOC, TCE

**Contract:** N/A

**CTO Number:** N/A