



**California Regional Water Quality Control Board**  
**Santa Ana Region**

M60050.000564  
MCAS EL TORO  
SSIC # 5090.3

**Winston H. Hickox**  
*Secretary for  
Environmental  
Protection*

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**Gray Davis**  
*Governor*

October 19, 2000

Mr. Dean Gould  
BRAC Environmental Coordinator  
MCAS EL Toro  
P.O. Box 51718  
Irvine, California 92619-1718

**SUBJECT: CLOSURE OF UNDERGROUND STORAGE TANK (UST) CASE  
FORMER UNDERGROUND STORAGE TANK SITE 335  
INTERSECTION OF SOUTH 12<sup>th</sup> STREET AND "N" STREET, FORMER  
MARINE CORPS AIR STATION ELTORO  
CASE NO. 083003780T**

Dear Mr. Gould:

This letter confirms the completion of the site investigation, remedial action and groundwater monitoring which were required to mitigate the release from the underground storage tank formerly located at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based on the available information, including the current land use, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721 (e).

The monitoring wells located at the site are required to be properly abandoned in accordance with the California Well Standards. In addition, all necessary permits from the appropriate agencies shall be obtained prior to decommissioning the monitoring wells. After the monitoring wells are properly abandoned, please submit all documentation to this agency.

Please telephone John Broderick at (909) 782-4494 if you have any questions regarding this matter.

Sincerely,

Gerard J. Thibeault  
Executive Officer

Attachement: Case Closure Summary

cc: SWRCB, Cleanup Fund - Nancy Camacho (w/ attachment)

**California Environmental Protection Agency**

Mr. Glenn Kistner, U.S. Environmental Protection Agency, Region IX (w/o attachment)  
Ms. Triss Chesney, Department of Toxic Substances Control, OMF (w/o attachment)  
Mr. Gregory F. Hurley, RAB Co-Chair, MCAS El Toro (w/o attachment)  
Ms. Content Arnold or Ms. Lynn Hornecker, Naval Facilities Engineering Command,  
SWDIV (w/ attachment)

# CASE CLOSURE SUMMARY

## Leaking Underground Fuel Tank Program

### I. Agency Information

DATE: 10/18/00

AGENCY NAME	California Regional Water Quality Control Board - Santa Ana Region	STAFF	John Broderick
ADDRESS	3737 Main St. Suite 500	TITLE	Associate Engineering Geologist
CITY/STATE/ ZIP	Riverside CA 92501-3348	PHONE	(909) 782-4494, main # 782-4130

### II. Case Information

SITE NAME	Former UST Site 335			
LOCATION	SE Building 335, near intersection of South 12 <sup>th</sup> Street and "N" Street, Former MCAS El Toro			
REGIONAL BOARD CASE #	083003780T	LOCAL AGENCY CASE #		
RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER		
DoN, SW Div, NAVFACENGCOM	1220 Pacific Highway, San Diego	(619) 532-0784		
TANK NO.	SIZE IN GALLONS	CONTENTS	CLOSED IN PLACE/ REMOVED	DATE
1	4,000 gal	fuel oil	removed?	est. 1989-92

### III. Release and Site Characterization Information

CAUSE AND TYPE OF RELEASE:	Soil			
SITE CHARACTERIZATION COMPLETE?	yes	DATE APPROVED BY AGENCY	10/10/00	
MONITORING WELLS INSTALLED?	No	NUMBER	PROPER SCREEN INTERVAL?	
DEEPEST GW DEPTH	SHALLOWEST GW DEPTH		approx. 110 feet	
GROUNDWATER, MOST SENSITIVE CURRENT USE:	municipal	GW FLOW DIRECTION	West	
DRINKING WATER WELL(S) AFFECTED?	no	AQUIFER NAME		
IS SURFACE WATER AFFECTED?	no	NEAREST/AFFECTED SW NAME		
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESSES/LOCATIONS):	None			
REPORT(S) ON FILE?	yes	WHERE IS/ARE REPORT(S) FILED?	R.W.Q.C.B. - Santa Ana Region	
<b>TREATMENT AND DISPOSAL OF AFFECTED MATERIAL</b>				
MATERIAL	AMOUNT	ACTION (TREATMENT, DISPOSAL)/ DESTINATION		DATE
TANK/PIPING		Unknown		est. 1989-92
FREE PRODUCT				
SOIL				
GROUNDWATER				

### III. Release and Site Characterization Information (Continued)

Maximum Document Contaminant Concentration - Before and After Cleanup				
CONTAMINANT	SOIL (mg/kg)		WATER (□g/L)	
	INITIAL	CURRENT	INITIAL	CURRENT
BENZENE	ND (1 mg/kg)			
TOLUENE	ND			
ETHYLBENZENE	.088 mg/kg			

XYLENE	.29 mg/kg		
MTBE	ND		
TPH - G	110 mg/kg		
TPH - D	12,000 mg/kg	12,000 mg/kg	
TPH (418.1)			

**COMMENTS REGARDING INVESTIGATION AND REMEDIATION**

Investigation summary: "Site Assessment Report, Former Underground Storage Tank Site 335, Marine Corps Air Station, El Toro, California", dated 24 June 1998.

TPH contamination detected in 1 of 4 soil borings. Detections were at 10 feet bgs and with NDs at 20 feet and 50 feet bgs for TPH (8015M), BTEX + MTBE (8020) in soil boring 335 SB-01. SB-01 was probably the only boring through or adjacent to the former tank location.

**IV. Closure**

DOES COMPLETED CORRECTIVE ACTION PROTECT <i>EXISTING</i> BENEFICIAL USES PER REGIONAL BOARD BASIN PLAN?	yes				
DOES COMPLETED CORRECTIVE ACTION PROTECT <i>POTENTIAL</i> BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN?	yes				
MONITORING WELLS	0	NUMBER DECOMMISSIONED		NUMBER RETAINED	
LIST ENFORCEMENT ACTIONS TAKEN	none				
LIST ENFORCEMENT ACTIONS RESCINDED					

**V. Regional Board Representative Data**

STAFF	John Broderick	TITLE	Associate Engineering Geologist
SIGNATURE	<i>John Broderick</i>	DATE	10/18/00
SUPERVISOR	Amy Sturdivant	TITLE	Senior Engineering Geologist
SIGNATURE	<i>Amy Sturdivant</i>	DATE	10/18/00

## **VI. Additional Comments, Data etc.**

Site overlies a groundwater solvent plume, numerous groundwater monitoring wells are located up and downgradient to this site. Sampling of this solvent plume (associated Site 24, former MCAS El Toro) has not detected TPH diesel or BTEX compounds in the area of the former UST site.

SOUTHWESTNAVFACENCOM  
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1220 Pacific Highway  
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File: eltoroar.doc

## TRANSMITTAL

Date: 27 October 2000

From: Lynn Marie Hornecker  
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):** Closure of Underground Storage Tank (UST) Case,  
Former UST Site 335

**Author:** Gerald J. Thibeault, Regional Water Quality Control Board, Santa Ana Region

**Recipient:** Dean Gould, Southwest Division, Naval Facilities Engineering Command

**Record Date:** 19 October 2000

**Approximate Number of Pages:** 5

**EPA Category:** 01.1

**Sites:** UST 335, IRP Site 24

**Key Words:** UST, No Further Action (NFA) Status , case No. 083003780T

**Contract:** N/A

**CTO Number:** N/A

Note: UST Site 335 is located within the boundary of IRP Site 24.