



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

# California Regional Water Quality Control Board

## Santa Ana Region

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**Gray Davis**  
Governor

February 1, 2000

Mr. Dean Gould  
BRAC Environmental Coordinator  
Naval Facility Engineering Command, SWDIV  
1220 Pacific Highway  
San Diego, CA 92132-5190

**SUBJECT: CLOSURE OF UNDERGROUND STORAGE TANK (UST) CASE  
BUILDING 833, UST 84A AND 84B  
MARINE CORPS AIR STATION, EL TORO  
CASE NO. 083003514T**

Dear Mr. Gould:

This letter confirms the completion of the site investigation which was conducted to determine if the underground storage tanks formerly located at the above described location leaked. Enclosed is the Case Closure Summary for the referenced site for your records.

According to the report, the USTs were removed during construction of Building 833 which now overlies the former tank area. Two soil borings were drilled near the former tank site and soil samples were collected for analysis. One of the soil borings was drilled under the building. No hydrocarbons were detected in the soil samples collected near the building.

A portion of the fill pipeline was found and removed. Soil samples were collected from the trench. Low concentrations of total petroleum hydrocarbon were detected in the soil samples.

Based on the information provided in the July 27, 1998 Site Assessment Report for UST 84A and 84B, 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/piping release is required.

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

Mr. Gould

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February 1, 2000

Please telephone Patricia Hannon at (909) 782-4498 if you have any questions regarding this matter.

Sincerely,

*Gerard J. Thibeault*

For Gerard J. Thibeault  
Executive Officer

Attachment: Case Closure Summary

cc w/attachment: Dept. of Toxic Substances Control - Triss McChesney  
Kutak Rock, Attorneys - Gregory F. Hurley  
Naval Facility Engineering Command, SWDIV - Lynn Hornecker  
Orange County Hall of Administration - Polin Modanlou  
Orange County Health Care Agency - Arghavan Rashidi-Fard  
State Water Resources Control Board - John Adams  
U. S. EPA, Region IX - Glenn Kistner

***California Environmental Protection Agency***

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# CASE CLOSURE SUMMARY

## Leaking Underground Fuel Tank Program

### I. Agency Information

DATE: January 31, 2000

AGENCY NAME	California Regional Water Quality Control Board - Santa Ana Region	STAFF	Patricia Hannon
ADDRESS	3737 Main St. Suite 500	TITLE	Associate Engineering Geologist
CITY/STATE/ ZIP	Riverside CA 92501-3339	PHONE	(909) 782-4498, main # 782-4130

### II. Case Information

SITE NAME	UST Site 84A and 84B			
LOCATION	Building 833, Marine Corps Air Station, El Toro			
REGIONAL BOARD CASE #	083003514T	LOCAL AGENCY CASE #	NA	
RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER		
El Toro MCAS, Base Realignment and Closure	Naval Facilities Engineering Command SW Div. 1220 Pacific Hwy, San Diego Ca 92132			
contact: Dean Gould				
TANK NO.	SIZE IN GALLONS	CONTENTS	CLOSED IN PLACE/ REMOVED	DATE
84A	1500	diesel	removed	1988
84B	1500	fuel oil	removed	1988

### III. Release and Site Characterization Information

CAUSE AND TYPE OF RELEASE:	unknown		
NUMBER OF SOIL BORINGS DRILLED	2	DEPTH OF SOIL BORINGS	50 to 65.5 ft.
MONITORING WELLS INSTALLED?	no	NUMBER	PROPER SCREEN INTERVAL?
GROUNDWATER DEPTH (RANGE)	178.5 feet in monitoring well 20_DBMW55 located 750 feet northeast of this site.		
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	2 and 100 ft of pipe	UST unknown; Piping was sent to the Station's Defense Reutilization and Marketing Office yard for recycling	UST1988 Piping March 1998
FREE PRODUCT	none		
SOIL	none		
GROUNDWATER	none		

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

Maximum Document Contaminant Concentration - Before and After Cleanup				
CONTAMINANT	SOIL (mg/kg)		WATER (µg/L)	
	INITIAL	CURRENT (from pipe trench)	INITIAL	CURRENT
BENZENE	NA	ND < 0.005		
TOLUENE	NA	ND < 0.005		
ETHYLBENZENE	NA	ND < 0.005		
XYLENE	NA	ND < 0.005		
MTBE	NA	ND < 0.005		
TPH	NA	679		
TPH - gasoline	NA	ND < 11.4		
TPH (418.1)	NA	102		

**COMMENTS REGARDING INVESTIGATION AND REMEDIATION**

According to the report, the USTs were removed during construction of Building 833 which now overlies the former tank area. Two soil borings were drilled near the former tank site and soil samples were collected for analysis. One of the soil borings was drilled under the building. No hydrocarbons were detected in the soil samples collected near the building.

A portion of the fill pipeline was found and removed. Soil samples were collected from the trench. Low concentrations of total petroleum hydrocarbon were detected in the soil samples.

This case is recommended for closure.

### 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	NUMBER DECOMMISSIONED	0	NUMBER RETAINED	0
LIST ENFORCEMENT ACTIONS TAKEN	None			
LIST ENFORCEMENT ACTIONS RESCINDED	none			

### V. Regional Board Representative Data

STAFF	Patricia Hannon	TITLE	Associate Engineering Geologist
SIGNATURE	<i>Patricia Hannon</i>	DATE	1/31/2000
SUPERVISOR	Ann Sturdivant	TITLE	Senior Engineering Geologist
SIGNATURE	<i>Ann E. Sturdivant</i>	DATE	2/1/2000

### VI. Additional Comments, Data etc.

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## TRANSMITTAL

Date: 7 February 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):**

**Author:** Gerald J. Thibeault  
RWQCB

closure of Underground Storage Tank (UST) Case, Building  
833, UST 84A and UST 84B, MCAS El Toro,  
CASE NO. 083003514T

**Recipient:** Dean Gould, SWDIV

**Record Date:** 1 February 2000

**Approximate Number of Pages:** 4

**EPA Category:** 01.1

**Sites:** UST 84A, UST 84B

**Key Words:** NFA

**Contract:** N/A

**CTO Number:** N/A