



# California Regional Water Quality Control Board

## Santa Ana Region



Winston H. Hickox  
Secretary for  
Environmental  
Protection

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Gray Davis  
Governor

M60050.000254  
MCAS EL TORO  
SSIC #5090.3

March 18, 1999

Mr. Wayne D. Lee  
Assistant Chief of Staff  
Environment and Safety  
Marine Corps Air Station El Toro  
P. O. Box 95001  
Santa Ana CA 92709-5001

### CASE CLOSURE, ABOVE GROUND STORAGE TANKS (AST) 335

Dear Mr. Lee:

This letter confirms the completion of the site investigation of the releases from AST 335. Enclosed is the Case Closure Summary for the referenced site for your records.

Based on the information provided in the April 30, 1998 Tank Closure Report for Above-ground Storage Tank 335 and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the above ground storage tank release is required.

If you have any questions regarding this matter, please call Patricia Hannon at (909) 782-4498.

Sincerely,

Gerard J. Thibeault  
Executive Officer

Attachment: Case Closure Summary

cc w/ attachment: Dept. of Toxic Substances Control - Tayseer Mahmoud  
Kutak Rock, Attorneys - Gregory F. Hurley  
Marine Corps Air Station El Toro - Capt. Jeff Matthews  
Naval Facility Engineering Command, SWDIV - Lynn Hornecker  
Orange County Hall of Administration - Courtney Wiercioch  
State Water Resources Control Board - John Adams  
U. S. EPA, Region IX - Glenn Kistner

*California Environmental Protection Agency*

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

<b>COMMENTS REGARDING INVESTIGATION AND REMEDIATION</b>
A 500 gallon AST and the above and below ground piping was removed. No staining was observed on the concrete pad or on the soil nearby. Soil samples were collect from the piping trench and analyed for total petroleum hydrocarbons and BTEX. Low concentrations of long chain petroleum hydrocarbons were detected in three of the four soil samples collected. The concentrations ranged from non-detect to 150 mg/kg. No other TPH compounds or BTEX were detected in the soil samples collected. The residual contamination does not appear to be a threat to water quality.
 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 DECOMMISSIONED	NA	NUMBER DECOMMISSIONED	NA
		NUMBER RETAINED	NA
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	3/16/99
SUPERVISOR	Michael Adackapara	TITLE	Senior WRC Engineer
SIGNATURE	<i>mjadackapara</i>	DATE	3/17/99

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

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**CASE CLOSURE SUMMARY  
ABOVE GROUND STORAGE TANK**

**I. Agency Information**

DATE: March 16, 1999

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	Above Ground Storage Tank 335		
LOCATION	Building 335, MCAS El Toro		
RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER	
MCAS El Toro	P. O. Box 95001		
contact: Wayne D. Lee	Santa Ana CA 92709-5001		
TANK NO.	SIZE IN GALLONS	CONTENTS	CLOSED IN PLACE/ REMOVED
AST 335	500	fuel oil	removed
			DATE
			1/28/98

**III. Release and Site Characterization Information**

MONITORING WELLS INSTALLED?	no	NUMBER	na	PROPER SCREEN INTERVAL?	na
DEEPEST GW DEPTH	na	SHALLOWEST GW DEPTH	na		
GROUNDWATER, MOST SENSITIVE CURRENT USE:	municipal		GW FLOW DIRECTION		
DRINKING WATER WELL(S) AFFECTED?	no	AQUIFER NAME	Irvine Pressure		
IS SURFACE WATER AFFECTED?	no	NEAREST/AFFECTED SW NAME			
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESSES/LOCATIONS):	no				
REPORT(S) ON FILE?	yes	WHERE IS/ARE REPORT(S) FILED?	R.W.Q.C.B. - Santa Ana Region		

**Maximum Document Contaminant Concentration - Before and After Cleanup**

CONTAMINANT	SOIL (mg/kg)		WATER (mg/L)	
	INITIAL	CURRENT	INITIAL	CURRENT
BENZENE	ND	NA	NA	NA
TOLUENE	ND	NA	NA	NA
ETHYLBENZENE	ND	NA	NA	NA
XYLENE	ND	NA	NA	NA
MTBE	NA	NA	NA	NA
TPH (heavy)	150	NA	NA	NA
TPH - D	ND	NA	NA	NA
TPH (418.1)	NA	NA	NA	NA

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File: areltoro

## TRANSMITTAL

Date: 25 October 1999

From: Lynn Marie Hornecker  
MCAS El Toro

To: Diane Silva  
Code 01LS.DS

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

*Installation:* Marine Corps Air Station, El Toro

*UIC Number:* MG0050

*Document Title (or subject):* Above-Ground Storage Tank 335

*Author:* California Regional Water Quality Control Board,  
Santa Ana Region

*Recipient:* Mr. Wayne Lee, MCAS El Toro

*Record Date:* 18 March 1999

*Approximate Number of Pages:* 3

*EPA Category:* 01.1

*Sites:* AST 335

*Key Words:* NFA, Petroleum, Tank

*Contract:* N/A

*CTO Number:* N/A