



California Regional Water Quality Control Board Santa Ana Region



Winston H. Hickox
Secretary for
Environmental
Protection

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Gray Davis
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M60050.000256
MCAS EL TORO
SSIC #3090.3

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) AST 322 AND AST 322B

Dear Mr. Lee:

This letter confirms the completion of the site investigation of the releases from AST 322 and AST 322B. Enclosed is the Case Closure Summary for the referenced site for your records.

Based on the information provided in the April 3, 1998 Tank Closure Report for Aboveground Storage Tanks 322 And 322B 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

**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 Tanks 322 and 322B			
LOCATION	Building 322, 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	DATE
322	800	fuel oil	removed	1/30/98
322B	300	steam	removed	1/30/98

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	NA	ND	NA	NA	
TOLUENE	NA	ND	NA	NA	
ETHYLBENZENE	NA	ND	NA	NA	
XYLENE	NA	ND	NA	NA	
MTBE	NA	NA	NA	NA	
TPH	NA	ND	NA	NA	
TPH - D	NA	160	NA	NA	
TPH (418.1)	NA	NA	NA	NA	

III. Release and Site Characterization Information (Continued)

COMMENTS REGARDING INVESTIGATION AND REMEDIATION
A 800 gallon steel fuel oil AST and a 300 gallon steel steam supply AST were removed. Soil samples were collect along the pipeline trench and analyzed for benzene, toluene, ethylbenzene, toluene (BTEX) and total petroleum hydrocarbons (TPH). One soil sample contained 160 mg/kg of total petroleum hydrocarbon diesel range. BTEX were not detected in the soil samples collected. The residual contamination does not appear to be a threat to water quality.

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

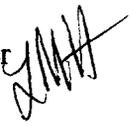
STAFF	Patricia Hannon	TITLE	Associate Engineering Geologist
SIGNATURE	<i>Patricia Hannon</i>	DATE	3/16/99
SUPERVISOR	Michael Adackapara	TITLE	Senior WRC Engineer
SIGNATURE	<i>m adackapara</i>	DATE	3/17/99

VI. Additional Comments, Data etc.

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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 322

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

Recipient: Wayne Lee, MCAS El Toro

Record Date: 18 March 1999

Approximate Number of Pages: 3

EPA Category: 01.1

Sites: AST 322

Key Words: NFA, Petroleum, Tank

Contract: N/A

CTO Number: N/A