

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

StID 3728

July 9, 1997

Mr. E.G. Kent
P.O. Box 236
Alamo, CA 94507

**Re: Fuel Leak Site Case Closure for Former Old Hearld News at
6207 Sierra Ct, Dublin, CA 94568**

Dear Mr. Kent:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Protection Division is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- o 210ppm TPHg and 450ppm TPHd remain in soil in the vicinity of the former UST;
- o groundwater contained up to 5,300ppb TPHg and 4.9ppb benzene.

If you have any questions, please contact me at (510) 567-6762.

eva chu
Hazardous Materials Specialist

enclosure:

1. Case Closure Letter
2. Case Closure Summary

c: Dennis Carrington, City of Dublin, 100 Civic Plaza, P.O. Box
2340, Dublin, CA 94568
files (gkent11)

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REMEDIAL ACTION COMPLETION CERTIFICATION

StID 3728 - 6207 Sierra Ct, Dublin, CA
(1-2,000 gallon gasoline UST removed in February 5, 1991)

July 9, 1997

Mr. E.G. Kent
P.O. Box 236
Alamo, CA 94507

Dear Mr. Kent:

This letter confirms the completion of site investigation and remedial action for the underground storage tank formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank are greatly appreciated.

Based on information in the above-referenced file 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 tank release is required.

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

Please contact our office if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

cc: Chief, Division of Environmental Protection
Kevin Graves, RWQCB
Dave Deaner, SWRCB (with attachment-case closure summary)
William McCammon, Alameda Co Fire Dept, 835 E.14th Street,
San Leandro, CA 94577
files-ec (gkent10)



CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: June 13, 1997

Agency name: Alameda County-HazMat Address: 1131 Harbor Bay Pkwy
City/State/Zip: Alameda, CA 94502 Phone: (510) 567-6700
Responsible staff person: Eva Chu Title: Hazardous Materials Spec.

II. CASE INFORMATION

Site facility name: Old Herald News
Site facility address: 6207 Sierra Ct, Dublin, CA 94568
RB LUSTIS Case No: N/A Local Case No./LOP Case No.: 3728
URF filing date: SWEEPS No: N/A

<u>Responsible Parties:</u>	<u>Addresses:</u>	<u>Phone Numbers:</u>
E.G. Kent	P.O. Box 236 Alamo, CA 94507	510/828-7810

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	2,000	Gasoline	Removed	2/5/91

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Unknown
Site characterization complete? YES
Date approved by oversight agency: 3/21/97
Monitoring Wells installed? No, but two hydropunches were drilled.
Proper screened interval? NA
Highest GW depth below ground surface: Groundwater at two other sites, at the corner of Dublin Blvd and Dougherty Rd (~600' away), ranged from 6' to 9' bgs
Flow direction: Regional groundwater flows to S, SSE, and SSW with a relatively flat gradient
Most sensitive current use: Commercial
Are drinking water wells affected? No Aquifer name: Dublin Subbasin
Is surface water affected? No Nearest affected SW name: NA
Off-site beneficial use impacts (addresses/locations): None
Report(s) on file? YES Where is report(s) filed? Alameda County
1131 Harbor Bay Pkwy
Alameda, CA 94502

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tank	1 UST	Disposed by H & H, in San Francisco	2/5/91
Soil	~150 cy	Treated and reused to fill pit	7/91

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

<u>Contaminant</u>	<u>Soil (ppm)</u>		<u>Water (ppb)</u>	
	<u>Before¹</u>	<u>After¹</u>	<u>Before²</u>	<u>After</u>
TPH (Gas)	210	210	5,300	
TPH (Diesel)	450	450	NA	
Benzene	ND	ND	4.9	
Toluene	1.7	1.7	2.4	
Ethylbenzene	4.2	4.2	7.7	
Xylenes	8.7	8.7	320	
Heavy metals Pb	7.1	7.1	NA	
Other				

NOTE: 1 soil sample collected during UST removal, 2/91. No overexcavation was performed

2 "grab" groundwater sample collected from boring B2, 7/91

Comments (Depth of Remediation, etc.):

See Section VII, Additional Comments, etc...

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? _____

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? _____

Does corrective action protect public health for current land use? **YES**

Site management requirements: **None**

Should corrective action be reviewed if land use changes? **YES**

Monitoring wells Decommissioned: **NA**


Number Decommissioned: _____ Number Retained: **NA**

List enforcement actions taken: **NOV issued 6/92; Citation Hearing 11/92; Notice of Official Action by RWQCB, 6/94**

List enforcement actions rescinded:

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Eva Chu Title: Haz Mat Specialist

Signature:  Date: 6/12/97

Reviewed by

Name: Barney Chan Title: Haz Mat Specialist

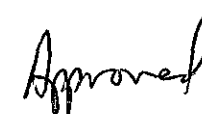
Signature:  Date: 5/15/97

Name: Thomas Peacock Title: Supervisor

Signature:  Date: 6-12-97

VI. RWQCB NOTIFICATION

Date Submitted to RB: 6/16/97

RB Response: 

RWQCB Staff Name: Kevin Graves

Title: AWRCE

Signature: 

Date: 6/24/97

VII. ADDITIONAL COMMENTS, DATA, ETC.

A 2,000 gallon gasoline UST was removed in February 1991. Soil samples collected below the tank ends exhibited up to 450 ppm TPHd, 210 ppm TPHg and ND, 1.7, 4.2, and 8.7 ppm BTEX, respectively. Approximately 150 cy of soil was stockpiled and aerated onsite. A 3 into 1 composite sample of the stockpiled soil was collected in July 1991 and analyzed for TPHg and BTEX. None were identified. The soil was reused to backfill the excavation.

After the pit was backfilled, a soil boring (B2) was advanced ~3' and southwest of the pit. The boring was advanced to 17' bgs. Heavy, loamy clay was encountered to 10' bgs. This soil was underlain by a sandy clay. A "grab" water sample was collected and analyzed for TPHg and BTEX. Up to 5,300 ppb TPHg and 4.9 ppb benzene were identified.

In November 1991 two other soil borings (B3 and B4) were advanced south and east, respectively, of the former tank location. Approximately 10 gallons of water were purged by hand-bailing before "grab" water samples were collected and analyzed for TPHg and BTEX. Only 2.9 ppb xylenes were found in boring B-3. Although groundwater gradient has not been determined for the referenced site, data from nearby sites suggest groundwater gradient is relatively flat and flows south, southeast to southwest.

It appears the fuel release from the former UST was minimal and did not significantly impact groundwater quality. Residual soil and groundwater contamination should not pose a risk to human health, based on ASTM RBCA Tier 1 Look Up Table.

In summary, case closure is recommended because:

- o the leak and ongoing sources have been removed;
- o no water wells, surface water, or other sensitive receptors are likely to be impacted; and,
- o the site presents no significant risk to human health or the environment.

Post-It™ brand fax transmittal memo 7871		# of pages =
To Ms. A. Chew	From Tom Suggs	
Co. Alameda Co. Health	Co. CEC	
Dept. Div. of Haz Mat	Phone # (707) 745-0171	
Fax # (510) 569-4757	Fax # (707) 745-0163	

TANK EXCAVATION --
2000 GAL TANK REMOVED

FENCE



BUILDING

GW

P.M. PHG/Bea Longene



⊕ SAMPLE LOCATIONS
NOT TO SCALE

CEC	FIGURE 1
HERALD BUILDING 6207 SIERRA CT., DUBLIN	

SUPERIOR ANALYTICAL LABORATORIES, INC.

825 ARNOLD, STE. 114 • MARTINEZ, CALIFORNIA 94553 • (415) 229-1512

DOHS #319
DOHS #220

C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 83526

DATE RECEIVED: 07/17/91

CLIENT: Certified Environmental Consulting

DATE REPORTED: 07/22/91

CLIENT JOB NO.: 91-152-450

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS
by Modified EPA SW-846 Method 5030 and 8015

LAB #	Sample Identification	Concentration (mg/Kg) (mg/L)* Gasoline Range
1	211516 SPOIL PILE	ND<1
2	211517 B2	* 5.3 ppm

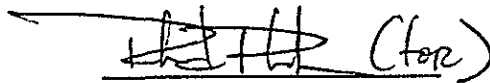
mg/Kg - parts per million (ppm)
mg/L - parts per million (ppm)

Method Detection Limit for Gasoline in Soil: 1 mg/Kg
Method Detection Limit for Gasoline in Water: 0.05 mg/L

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = <15
MS/MSD Average Recovery = 87%: Duplicate RPD =14

Richard Srna, Ph.D.


Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

SUPERIOR ANALYTICAL LABORATORIES, INC.

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DOHS #319
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C E R T I F I C A T E O F A N A L Y S I S

LABORATORY NO.: 83526

DATE RECEIVED: 07/17/91

CLIENT: Certified Environmental Consulting

DATE REPORTED: 07/22/91

CLIENT JOB NO.: 91-152-450

ANALYSIS FOR BENZENE, TOLUENE, ETHYL BENZENE & XYLENES
by EPA SW-846 Methods 5030 and 8020

LAB #	Sample Identification	Concentration(ug/Kg) (ug/L)*			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	211516 SPOIL PILE	ND<3	ND<3	ND<3	ND<3
2	211517 B2	* 4.9	2.4	7.7	320

ug/Kg - parts per billion (ppb)
ug/L - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/Kg
Method Detection Limit in Water: 0.3 ug/L

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery =94%: Duplicate RPD = <2

Richard Srna, Ph.D.


Laboratory Manager

OUTSTANDING QUALITY AND SERVICE

McCAMPBELL ANALYTICAL INC. 110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tel: 510-798-1620 Fax: 510-798-1622

Certified Environmental Consultants 140 West Industrial Way Benecia, CA 94510-1016	Client Project ID: Greg Kent	Date Sampled: 11-26-91
	Client P.O:	Date Received: 11-26-91
	Client Contact: Tom Suggs	Date Analyzed: 12-02-91

Low Boiling Point TPH* (as Gasoline) and BTEX*
 DOHS LUFT procedure: HPA method 5030, modified 8020 & 602

B-2
 B-1

Lab ID	Client ID	Matrix	TPH ⁺	Benzene	Toluene	Ethyl Benzene	Xylenes	% Rec. Surrogate
090088	211721	W	ND	ND	ND	ND	29	97
090089	211722	W	ND	ND	ND	ND	ND	99
Detection Limit unless otherwise stated; ND means Not Detected	W	50 ug/L	0.3	0.3	0.3	0.6		
	S	1.0 mg/kg	0.005	0.005	0.005	0.010		

*water samples are reported in ug/L. and soils in mg/kg

⁺The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately gasoline or compounds that elute in the gasoline range; b) gasoline together with higher boiling compounds; c) heavier gasoline compounds predominate (aged gasoline?); d) one to a few isolated peaks predominate; e) low boiling point compounds predominate; f) diesel range compounds predominate.

E.H. Edward Hamilton, Lab Director