

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

May 6, 1996

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. John Pelligrini
Pelligrini & Refrigeration
1550 Park Avenue
Emeryville, California 94608

RE: Pelco Distributors
1550 Park Avenue, Emeryville, California 94608
STID # 4042

Dear Mr. Pelligrini:

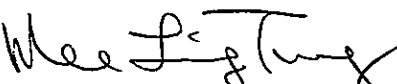
This letter confirms the completion of site investigation and remedial action for the 1,500 gallon gasoline underground storage tank removed on January 10, 1994 at the above described location. Enclosed is the Case Closure Summary for the referenced site for your records.

Based upon 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 gasoline 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). If a change in the present land use is proposed, the property owner must promptly notify this agency.

Please contact Susan L. Hugo at (510) 567-6780 if you have any questions regarding this matter.

Sincerely,


Mee Ling Tung, Director

Enclosure

c: Gordon Coleman, Acting Chief, Environmental Protection - files
Kevin Graves, RWQCB
Mike Harper, SWRCB (with enclosure)

Leaking Underground Fuel Storage Tank Program

Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount</u> (include units)	<u>Action (Treatment</u> <u>of Disposal w/destination)</u>	<u>Date</u>
Tank	1,500 gal	Disposed at H & H Service Co. San Francisco, CA	1/10/94
Piping	NA		
Free Product	NA		
Soil	20 yards	Redwood Landfill, Novato, CA	3/10/94
Groundwater	110 gal purged water from the excavation	Unknown	
Barrels	NA		

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		* Water (ppb)	
	Before	After	Before	After
TPH (Gas)	ND<1.0	-	2,700	ND<50
Benzene	ND<0.005	-	24	ND<0.5
Toluene	ND<0.005	-	24	ND<0.5
Xylene	ND<0.005	-	61	ND<0.5
Ethylbenzene	ND<0.005	-	20	ND<0.5
Lead	9.3	-	-	-

* Grab groundwater sample from the excavation

Comments (Depth of Remediation, etc.):

One 1,500 gallon gasoline underground storage tank was removed on January 10, 1994. Inspection of the tank during the removal activities revealed one small pin hole in the middle of the UST. Strong hydrocarbon staining and odor was present in the excavated soil. A sheen was also observed in the groundwater found in the excavation.

The composite soil sample (from three discreet stockpile samples) showed up to 39 ppm TPH gasoline, 0.05 ppm benzene, 0.086 ppm toluene, 0.061 ppm ethyl benzene, and 0.25 ppm xylene. However, the samples (S-1 & S-2) collected from the native soil beneath the ends of the UST at five feet depth did not detect any petroleum hydrocarbon contamination.

On January 11, 1994, approximately 110 gallons of water was removed from the excavation. A grab water sample was collected the next day (January 12, 1994) and the analytical results showed petroleum hydrocarbon concentrations as presented above. On February 16, 1994, an additional grab groundwater sample was collected to verify the previous results. The second grab groundwater sample revealed petroleum hydrocarbon contamination up to 690 ppb TPH gasoline, 5.6 ppb benzene, 5.7 ppb toluene, 1.6 ppb ethyl benzene, and 18 ppb xylenes.

Leaking Underground Storage Tank Programs

IV. CLOSURE

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

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

Does corrective action protect public health for current land use? **YES**
Site management requirements: **NA**

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

Monitoring wells Decommissioned: **NO** (pending case closure)
Number Decommissioned: **0** Number Retained: **1**

List enforcement actions taken: **None**

List enforcement actions rescinded: **None**

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: **Susan L. Hugo** Title: **Sr. Hazardous Materials Specialist**
Signature: *Susan L. Hugo* Date: *11/28/95*

Reviewed by
Name: **Dale Klettke** Title: **Hazardous Materials Specialist**
Signature: *Dale Klettke* Date: *11/30/95*

Name: **Thomas Peacock** Title: **Sup. Hazardous Materials Specialist**
Signature: *Thomas Peacock* Date: *11-29-95*

VI. RWQCB NOTIFICATION

Date Submitted to RB: *12/1/95* RB Response: *Approved*
RWQCB Staff Name: **Kevin Graves** Title: **Water Resources Control Engineer**
Kevin Graves Date: *12/2/95*

VII. ADDITIONAL COMMENTS, DATA, ETC.

On June 22, 1994, one shallow groundwater monitoring well was installed within 10 feet of the former tank area in the assumed downgradient flow direction (based on the regional groundwater flow in the area and the groundwater data collected from two neighboring sites - Sherwin Williams located at 1450 Sherwin Avenue & City of Emeryville located at 1333 Park Avenue). The boring was drilled to a total depth of 13.5 feet and the well was screened at approximately 5 feet to 13 feet depth. Both soil and groundwater samples collected during the well construction activities did not detect any contamination. The well was sampled again in February 10, 1995 and showed no detectable concentration of petroleum hydrocarbon.

Leaking Underground Storage Tank Program

Based on the data submitted for the referenced site, the potential beneficial uses of the groundwater do not appear to be impacted by the release associated with the UST. Therefore, this office recommends that no further work is required regarding the former gasoline UST at the subject site.



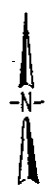
EMERYVILLE
Piles

SITE

OAKLAND

LEGEND

NOTE: REFERENCE: USGS 7.5 MINUTE
SERIES QUADRANGLE MAP
OAKLAND WEST, CALIFORNIA
PHOTOREVISED 1980



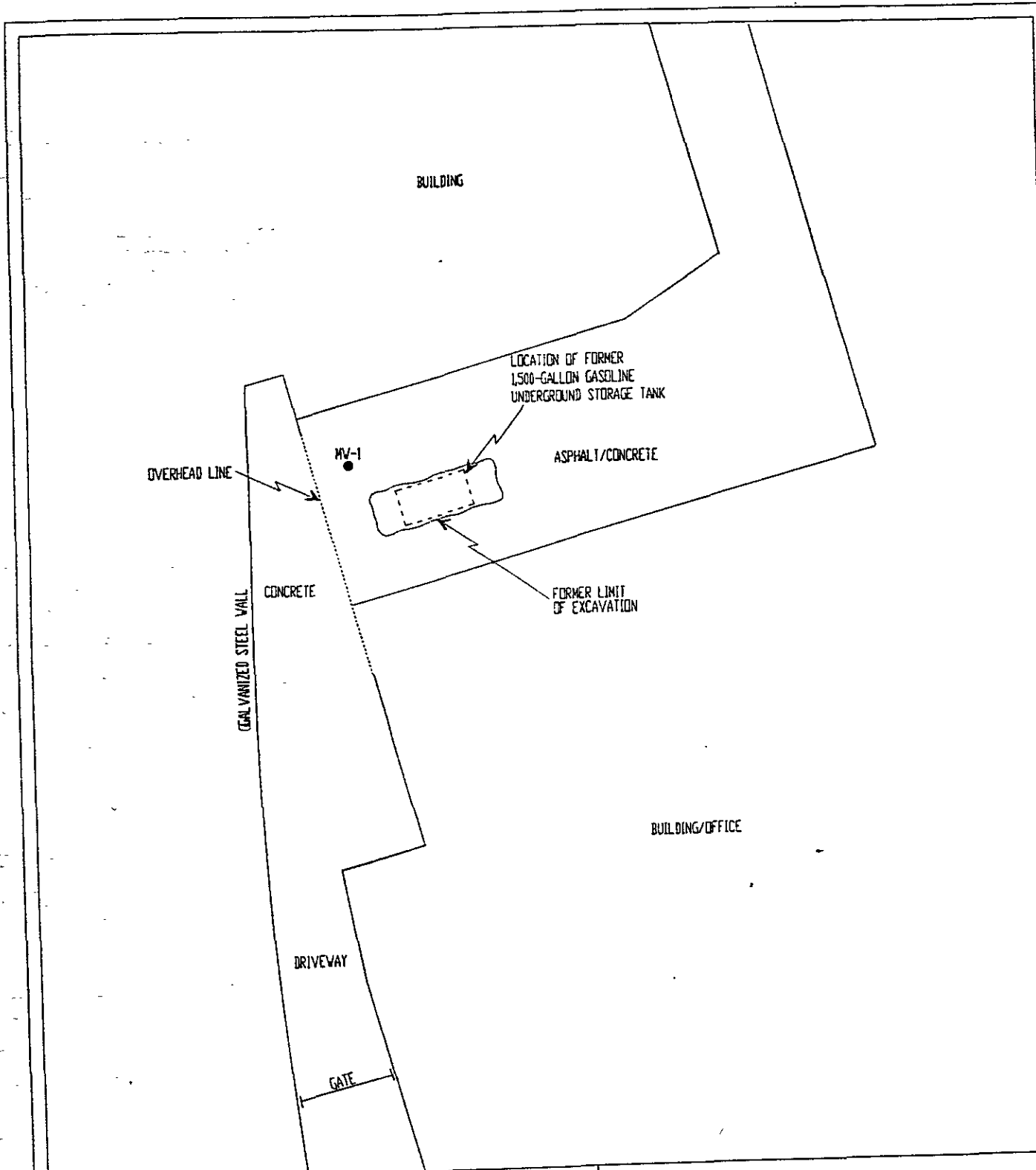
0 2,000
SCALE IN FEET

TANK PROTECT ENGINEERING

SITE VICINITY MAP

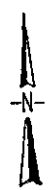
PELEGRINI REFRIGERATION
& RESTAURANT EQUIPMENT CO.
1550 PARK AVENUE
EMERYVILLE, CA 94608

DATE	6/30/94
FIGURE	1
FILE #	294-0
DRAWN BY	TH
CHECKED BY	RA



LEGEND

MW-1 ● NAME AND LOCATION OF GROUNDWATER MONITORING WELL



0 20
SCALE IN FEET

TANK PROTECT ENGINEERING

SITE PLAN

PELEGRINI REFRIGERATION & RESTAURANT EQUIPMENT CO. 1550 PARK AVENUE EMERYVILLE, CA 94608	DATE	6/30/94
	FIGURE	2
	FILE #	294-2
	DRAWN BY	TH
	CHECKED BY	LH

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
(ppm¹)

Sample ID Name	Date	Depth (Feet)	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylenes	Total Lead
S-1	01/10/94	5.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	NA ²
S-2	01/10/94	5.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	9.3
STK-1,2,3	01/10/94	1.5-2.0	39.0	0.051	0.086	0.061	0.250	NA

¹ PARTS PER MILLION

² NOT ANALYZED

TABLE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylenes
WS-1	01/12/94	2,700	24	24	20	61
WS-1A	02/16/94	690	5.6	5.7	1.6	18

¹ PARTS PER BILLION

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
 (ppm¹)

Sample ID Name	Date	Depth (Feet)	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylenes
MW-1	06/22/94	5.0-5.5	<.500	<.0050	<.0050	<.0050	<.015

PARTS PER MILLION

TABLE 2
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
 (ppb¹)

Sample ID Name	Date	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylenes
MW-1	06/28/94	<50	<0.50	<0.50	<0.50	<0.50
MW-2	06/28/94	<50	<0.50	<0.50	<0.50	<0.50

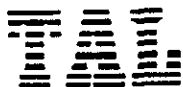
¹ PARTS PER BILLION

² TRIP BLANK

ace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960
Facsimile (510) 783-1512



LOG NUMBER: 5217
DATE SAMPLED: 02/10/95
DATE RECEIVED: 02/10/95
DATE ANALYZED: 02/18/95
DATE REPORTED: 02/22/95

CUSTOMER: Tank Protect Engineering
REQUESTER: Jeff Farhoomand
PROJECT: No. 294-021095, Pel, 1550 Park Avenue

Blank per John Mulvaney 3/22/95

Sample Type: Water

Method and Constituent:	Units	MW-1		MW-2 <i>Yif</i>		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit

DHS Method:

Total Petroleum Hydrocarbons as Gasoline	ug/l	ND	50	ND	50	ND	50
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Modified EPA Method 8020 for:

Benzene	ug/l	ND	0.50	ND	0.50	ND	0.50
Toluene	ug/l	ND	0.50	ND	0.50	ND	0.50
Ethylbenzene	ug/l	ND	0.50	ND	0.50	ND	0.50
Xylenes	ug/l	ND	1.5	ND	1.5	ND	1.5

QC Summary:

% Recovery: 118
% RPD: 4.1

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis
Quality Assurance/Quality Control Manager

LOG OF EXPLORATORY BORING

PROJECT NUMBER 294

BORING NO. MW-1

PROJECT NAME 1550 Park Avenue, Emeryville, CA

BY LNH

DATE 6/22/94

SURFACE ELEV. 8 FT

RECOVERY (FT/FT)	OVA (PPM)	PENETRA- TION (BLOWS/FT)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION
				1			CONCRETE
				2			AGGREGATE BASE (GW): Brown, dry, no odor.
				3			SANDY CLAY (CL): Black, scattered gravel, organics, firm, moist, no odor.
			N	4			
1.5/1.5	16	6		5			SILTY CLAY (CL): Brown, scattered sand, firm, moist, wet at 5.5', no odor.
				6			
				7			
				8			GRAVELLY CLAY (CL): Brown, sandy, very stiff, dry, no odor.
				9			
1.5/1.5	-	24		10			
				11			
				12			
				13			Boring terminated @ 13.5'. Boring sampled to 15.0'.
				14			
1.0/1.5	-	22		15			

REMARKS: Boring drilled with continuous-flight, hollow-stem,
8-inch O.D. augers. Samples collected in a 2.0-inch
I.D. California sampler.

