



**TANK PROTECT ENGINEERING**

2821 Whipple Road  
Union City, CA 94587  
(415) 429-8088 • (800) 523-8088  
FAX (415) 429-8089

92 JAN 17 11:16

January 16, 1992

Mr. Brian Oliva  
Alameda County Health Care Services Agency  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: Analytical Reports for City of Emeryville, 1333 Park Avenue,  
Emeryville, CA 94608

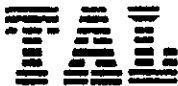
Dear Mr. Oliva:

Enclosed are copies of analytical reports, chain-of-custody documentation, and Underground Storage Tank Unauthorized Release (Leak) Contamination Site Report for the subject site. A copy of the site plan is also included for your review.

If you have any question please contact our office.

Sincerely,

TANK PROTECT ENGINEERING



January 7, 1992

*Water*

Mr. Marc Zomorodi  
Tank Protect Engineering  
2821 Whipple Road  
Union City, California 94587

Dear Mr. Zomorodi:

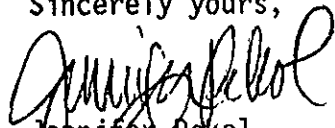
Trace Analysis Laboratory received one water sample on January 3, 1992 for your Project No. 213A-010392, 1333 Park Avenue, Emeryville, California (our custody log number 1631).

This sample was analyzed for Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene and Xylenes. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

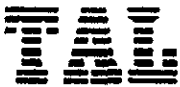
  
Jennifer Pekol  
Project Specialist

Enclosures

**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

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



LOG NUMBER: 1631  
DATE SAMPLED: 01/02/92  
DATE RECEIVED: 01/03/92  
DATE ANALYZED: 01/06/92  
DATE REPORTED: 01/07/91

CUSTOMER: Tank Protect Engineering  
REQUESTER: Marc Zomorodi  
PROJECT: No. 213A-010392, 1333 Park Avenue, Emeryville, CA 94608

Sample Type: Water

Method and Constituent:	Units	WS		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit

DHS Method:

Total Petroleum Hydrocarbons as Gasoline	ug/l	2,700	50	ND	50
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EPA Method 8020 for:

Benzene	ug/l	120	6.6	ND	0.50
Toluene	ug/l	570	5.6	ND	0.50
Ethylbenzene	ug/l	140	7.0	ND	0.50
Xylenes	ug/l	900	18	ND	1.5

QC Summary:

% Recovery: 102\*  
% RPD: 6.1

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

\* The Recovery is for the Laboratory Control Sample, due to the high concentration in the spiked sample.

Louis W. DuPuis  
Quality Assurance/Quality Control Manager



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LAB: TAL

TURNAROUND: NORMAL / 5 DAYS

P.O. #: 0360

PAGE 1 OF 1

**CHAIN OF CUSTODY**

PROJECT NO. 213A-010392		SITE NAME & ADDRESS 1333 PARK AVE EMERYVILLE, CA 94608				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED TOTAL LIGHT HC AROMATIC HC TOTAL HEAVY HC (HTX) OIL & GREASE VOC SCAN (924's) OTHER							1631
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER AHMAD SHAH TANK PROTECT ENGINEERING 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088														
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
WS	01/02	4:20		✓	WS FROM - BOTTOM OF PITE	2-40(ml)	✓	✓						
Relinquished by: (Signature)						Date / Time	Received by: (Signature)		Relinquished by: (Signature)		Date / Time	Received by: (Signature)		
Relinquished by: (Signature)						Date / Time	Received by: (Signature)		Relinquished by: (Signature)		Date / Time	Received by: (Signature)		
Relinquished by: (Signature)						Date / Time	Received for Laboratory by: (Signature) J.H. King		Date / Time 1/3/92 11:00 am	Remarks 5-day water		walk-in 2-10's	oil & ice green gpc	

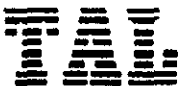
DATE: \_\_\_\_\_

**Trace Analysis Laboratory, Inc.**

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January 7, 1992

Soil

Mr. Marc Zomorodi  
Tank Protect Engineering  
2821 Whipple Road  
Union City, California 94587

Dear Mr. Zomorodi:

Trace Analysis Laboratory received nine soil samples on January 3, 1992 for your Project No. 213A-010392, 1333 Park Avenue, Emeryville, California (our custody log number 1632).

These samples were composited according to your chain of custody and analyzed for Total Petroleum Hydrocarbons as Gasoline, Benzene, Toluene, Ethylbenzene, Xylenes, Lead and Organic Lead. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Jennifer Bekol', is written over the typed name.

Jennifer Bekol  
Project Specialist

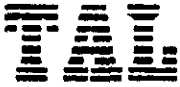
Enclosures

**Trace Analysis Laboratory, Inc.**

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LOG NUMBER: 1632  
 DATE SAMPLED: 01/02/92  
 DATE RECEIVED: 01/03/92  
 DATE EXTRACTED: 01/03/92  
 DATE ANALYZED: 01/04/92  
 DATE REPORTED: 01/07/92

CUSTOMER: Tank Protect Engineering

REQUESTER: Marc Zomorodi

PROJECT: No. 213A-010392, 1333 Park Avenue, Emeryville, CA 94608

Sample Type: Soil

Method and Constituent:	Units	Composite of S1-1, S1-2 and S1-3		Composite of S2-1, S2-2 and S2-3		SNE	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	2,400,000	2,400	130,000	500	ND	500
EPA Method 8020 for:							
Benzene	ug/kg	6,100	440	1,400	44	ND	5.0
Toluene	ug/kg	91,000	380	8,700	38	5.6	5.0
Ethylbenzene	ug/kg	18,000	460	4,400	46	ND	5.0
Xylenes	ug/kg	120,000	1,200	23,000	120	ND	15

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

LOG NUMBER: 1632  
 DATE SAMPLED: 01/02/92  
 DATE RECEIVED: 01/03/92  
 DATE EXTRACTED: 01/03/92  
 DATE ANALYZED: 01/04/92  
 DATE REPORTED: 01/07/92  
 PAGE: Two

Sample Type: Solid

Method and Constituent:	Units	SP		SSW		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
DHS Method:							
Total Petroleum Hydrocarbons as Gasoline	ug/kg	30,000	500	ND	500	ND	500
EPA Method 8020 for:							
Benzene	ug/kg	ND	88	ND	5.0	ND	5.0
Toluene	ug/kg	460	76	8.0	5.0	ND	5.0
Ethylbenzene	ug/kg	1,400	92	ND	5.0	ND	5.0
Xylenes	ug/kg	20,000	240	ND	15	ND	15

QC Summary:

% Recovery: 96  
 % RPD: 13

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



LOG NUMBER: 1632  
 DATE SAMPLED: 01/02/92  
 DATE RECEIVED: 01/03/92  
 DATE EXTRACTED: 01/07/92  
 DATE ANALYZED: 01/07/92  
 DATE REPORTED: 01/07/92  
 PAGE: Three

3.9

Sample Type: Solid

Method and Constituent:

EPA Method 7420:  
Lead

Units	SNE		Method Blank	
	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit

ug/kg	3,900	2,500	ND	2,500
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QC Summary:

% Recovery: 86  
% RPD: 6.5

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



LOG NUMBER: 1632  
 DATE SAMPLED: 01/02/92  
 DATE RECEIVED: 01/03/92  
 DATE EXTRACTED: 01/06/92  
 DATE ANALYZED: 01/07/92  
 DATE REPORTED: 01/07/92  
 PAGE: Four

Sample Type: Soil

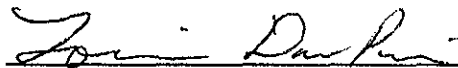
Method and Constituent:	Units	SNE		Method Blank	
		Concen- tration	Reporting Limit	Concen- tration	Reporting Limit
DHS Method: Organic Lead	ug/kg	ND	500	ND	500

QC Summary:

% Recovery: 82  
 % RPD: \*

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

\* The RPD is not reportable since the sample prepared in duplicate was not detectable.

  
 Louis W. DuPuis  
 Quality Assurance/ Quality Control Manager



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TURNAROUND: NORMAL / 5 DAYS

P.O. #: 0360

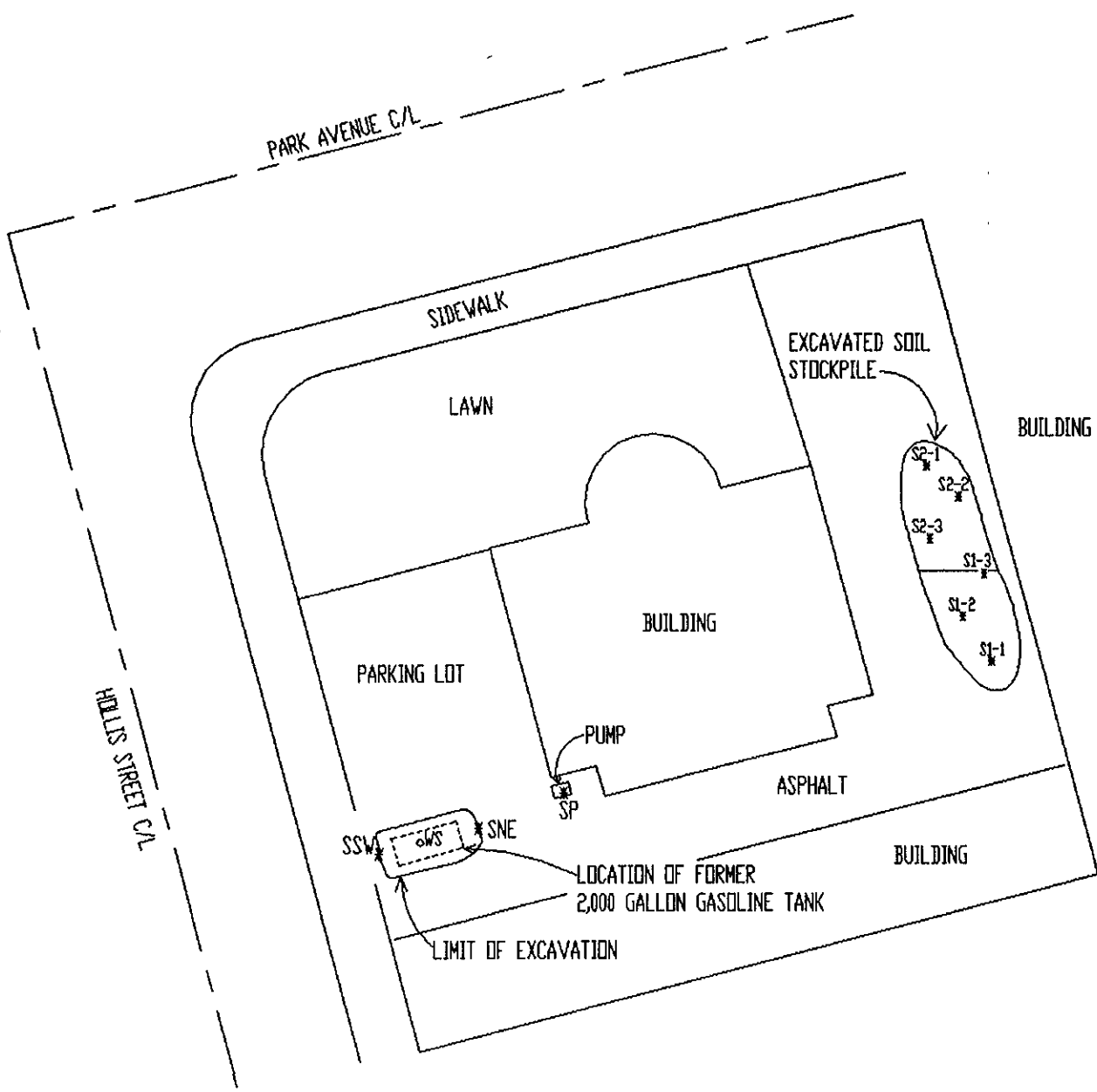
PAGE 1 OF 1

## CHAIN OF CUSTODY

1632

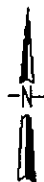
PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED												
213A-010392		1333 PARK AVE EMERYVILLE, CA 94608					TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	VOC SEAM (S2A-S)	OTHER (S2A-S)	(TOTAL LEAD)	(Tetra Ethyl Lead)					
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER						ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
AHMAD SHAH TANK PROTECT ENGINEERING 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																			
SSW	01/02	3:50	✓		SSW @ -7' FROM GROUND LEVEL	BRASS TUBE	✓	✓											
SNE	01/02	4:00	✓		SNE @ -7' FROM GROUND LEVEL		✓	✓											
SP	01/02	4:45	✓		SP @ 2' UNDER PUMP ISLAND		✓	✓											
S1-1	01/02	5:09	✓		S1-1 @ 2' FROM STOCK PILE		✓	✓											
S1-2	01/02	5:15	✓		S1-2 @ 3' FROM STOCK PILE		✓	✓										} COMPOSITE	
S1-3	01/02	5:30	✓		S1-3 @ 2' FROM STOCK PILE		✓	✓											
S2-1	01/02	5:40	✓		S2-1 @ 3' FROM STOCK PILE		✓	✓											
S2-2	01/02	5:50	✓		S2-2 @ 1' FROM STOCK PILE		✓	✓										} COMPOSITE	
S2-3	01/02	6:00	✓		S2-3 @ 2' FROM STOCK PILE		✓	✓											
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)					
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Received by: (Signature)					
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks											
				Ehn Ray		1/3/92 10am		5-4y 301y		walk-in 1-bit ea		on 1cc y-t		g/k					

DATE: 01/02/1992



LEGEND

- SSW \* NAME AND LOCATION OF SOIL SAMPLE
- WS ° NAME AND LOCATION OF GROUNDWATER SAMPLE



TANK PROTECT ENGINEERING		
SITE PLAN		
1333 PARK AVENUE EMERYVILLE, CA	DATE	1/2/92
	FIGURE	2
	FILE #	213A-2
	DRAWN BY	ASH
	CHECKED BY	JVM