

LETTER OF TRANSMITTAL

DATE	08/12/93	JOB NO.	275
ATTENTION	Scott Seery		
RE:	Castro Valley Unified School District		

TO: Alameda County Health Care Services Agency
Department of Environmental Health
Hazardous Material Program
80 Swan Way, Room 200
Oakland, CA 94621

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

- Shop drawings
 Prints
 Plans
 Samples
 Specifications
 Copy of letter
 Change Order

COPIES	DATE	NO.	DESCRIPTION
1	08/05/93		Analytical Results and Chain-of-Custody
1	08/06/93		Site Plan
1	08/10/93		Underground Storage Tank Unauthorized Release (Leak)/Contamination
			Site Report

THESE ARE TRANSMITTED as checked below:

- For approval
 Approved as submitted
 Resubmit _____ copies for approval
 For your use
 Approved as noted
 Submit _____ copies for distribution
 As requested
 Returned for corrections
 Return _____ corrected prints
 For review and comments

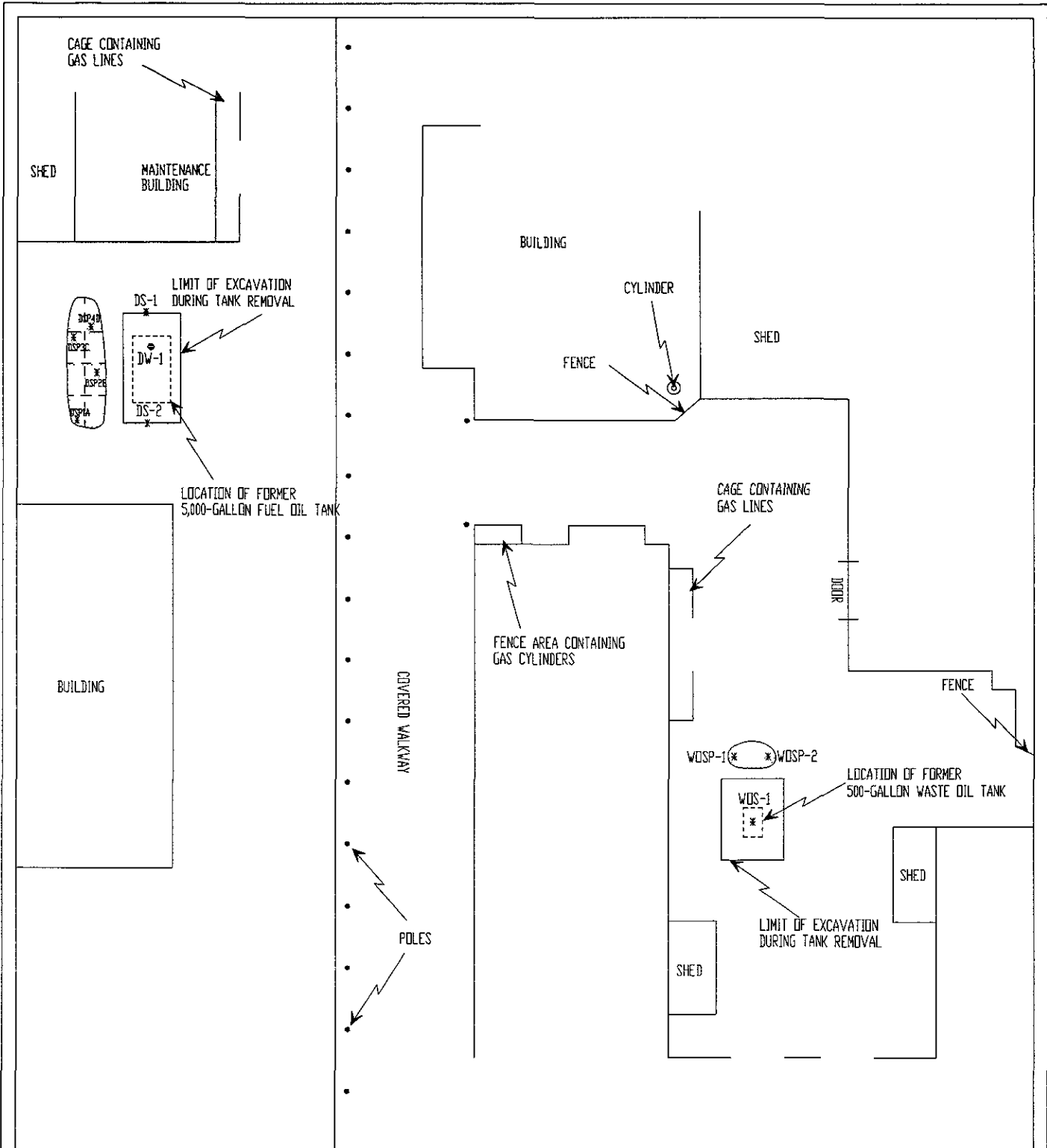
 FOR BIDS DUE _____ 19____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO File

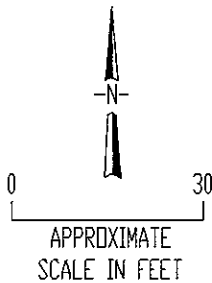
SIGNED: *John Lewis*

If enclosures are not as noted, kindly notify us at once.



LEGEND

- * NAME AND LOCATION OF SOIL SAMPLES
- o NAME AND LOCATION OF WATER SAMPLES



TANK PROTECT ENGINEERING

SITE PLAN

CASTRO VALLEY HIGH SCHOOL 19400 SANTA MARIA AVENUE CASTRO VALLEY, CA 94546	DATE	8/6/93
	FIGURE	2
	FILE #	275-2
	DRAWN BY	SLI
	CHECKED BY	AK



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 06, 1993

PEL # 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: One water and eight soil samples for Gasoline/BTEX, Diesel, and Oil & Grease analyses.

Project name: Castro Valley Unified School District Project number: 275080493

Date sampled: Aug 04, 1993

Date submitted: Aug 05, 1993

Date extracted: Aug 05-06, 1993

Date analyzed: Aug 05-06, 1993

RESULTS:

SAMPLE I.D.	Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)

DW-1	N.D.	N.D.	N.D.	N.D.	1.3
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Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	3510/8015	602	602	602	602

SAMPLE I.D.	Gasoline	Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Oil & Grease
	(mg/Kg)	(mg/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(mg/Kg)

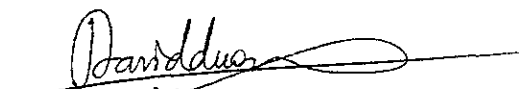
DS-1	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
DS-2	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
DSP-1A	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
DSP-2B	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
DSP-3C	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
DSP-4D	---	6.9	N.D.	N.D.	N.D.	N.D.	---
WOSP-1	N.D.	400	N.D.	N.D.	N.D.	N.D.	1100
WOSP-1,2*	N.D.	210	N.D.	N.D.	N.D.	N.D.	280
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Spiked Recovery	92.4%	94.1%	91.0%	93.7%	90.1%	99.6%	---
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Duplicate Spiked Recovery	89.7%	92.5%	86.4%	88.5%	92.0%	97.8%	---
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Detection limit	1.0	1.0	5.0	5.0	5.0	5.0	10
Method of Analysis	5030/8015	3550/8015	8020	8020	8020	8020	5520 D & F

* Compositated soil sample.


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 05, 1993

PEL #: 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name : Castro Valley Unified School District
Project number: 275080493

Sample I.D.: WOS-1

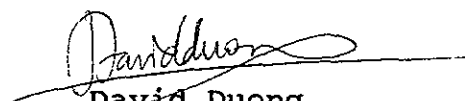
Date Sampled: Aug 04, 1993
Date Analyzed: Aug 05, 1993

Date Submitted: Aug 05, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	82.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.7
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	93.4
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	88.2
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	95.3
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	81.6
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----


David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 05, 1993

PEL #: 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name : Castro Valley Unified School District

Project number: 275080493

Sample I.D.: WOSP-1,2

Date Sampled: Aug 04, 1993

Date Submitted: Aug 05, 1993

Date Analyzed: Aug 05, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	82.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.7
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	93.4
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	88.2
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	95.3
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	81.6
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 06, 1993

PEL # 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: Two soil samples for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: Castro Valley Unified School District
Project number: 275080493


Date sampled: Aug 04, 1993
Date extracted: Aug 05-06, 1993

Date submitted: Aug 05, 1993
Date analyzed: Aug 05-06, 1993

RESULTS:

SAMPLE I.D.	Cadmium (mg/Kd)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
WOS-1	0.6	32	14	27	38
WOSP-1,2*	0.5	37	9.7	42	27
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.5	1.0	1.0	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

* Compositated soil sample.


David Duong
Laboratory Director



TANK PROTECT ENGINEERING

2821 WHIPPLE ROAD
UNION CITY, CA 94587
(415) 429-8088
(800) 523-8088
FAX (415) 429-8089

PEL # 9308023 (1 of 2)

INV # 23863

LAB: Priority

TURNAROUND: Normal

P.O. #: 667

PAGE 1 OF 2

CHAIN OF CUSTODY

PROJECT NO. Z75 080493		SITE NAME & ADDRESS Castro Valley Unified School District Castro Valley High				(1) TYPE OF CONTAINER	ANALYTES REQUESTED							REMARKS
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER Lee Huckins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088							TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	FOC SCAM	OTHER (Cd, Cr, Pb, Zn, Ni)		
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
DS-1	8/4	1620	x		9.5'	Brass	x	x						
DS-2	8/4	1625	x		9.5'	Brass	x	x						
DW-1	8/4	1600		x	10.0'	1-glass 2.40ml	x	x						
DSP-1A	8/4		x		3.0	Brass	x	x						
DSP-2B	8/4		x		3.0	Brass	x	x						
DSP-3C	8/4		x		3.0	Brass	x	x						
DSP-4D	8/4		x		3.0	Brass	x	x						
W06-1			x		9'	Brass	x	x	x	x	x	OEG EPA 5520-F EPA 8010 CLHC metals Cd, Cr, Pb, Zn, Ni		
Relinquished by: (Signature) Lee Huckins		Date / Time 8/5/93 8:15		Received by: (Signature) Lee Miller		Relinquished by: (Signature) Lee Miller		Date / Time 8/5/93 9:44		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) PEL		Date / Time 8/5/93 9:45		Remarks						

DATE: 8/5/93



TANK PROTECT ENGINEERING

2821 WHIPPLE ROAD
 UNION CITY, CA 94587
 (415) 429-8088
 (800) 523-8088
 FAX (415) 429-8089

PEL # 9308023 (2 of 2)

INV # 23863

LAB: Priority
 TURNAROUND: Normal
 P.O. #: 667

PAGE 2 OF 2

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS					(1) TYPE OF CONTAINER	ANALYTES REQUESTED							REMARKS
ZTC080493		Castro Valley Unified School District Castro Valley High						TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC (BTR)	OIL & GREASE HC	PC SCAN (621, 5) B10	OTHER METALS	CD, Cr, Pb, Zn, Ni	
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER															
Lee Huckins															
2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088															
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION										
WOSP-1	8/4		x		1.5	Brass	x	x	x	x	x	x		Composite into 1 sample	
WOSP-2	8/4		x		1.0	Brass	x	x	x	x	x				
														O&G 5570-F EPA 8010 CLHC	
														metals Cd, Cr, Pb, Zn, Ni	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
Lee Huckins		8/5/93 8:15		Lee Miller		Lee Miller		8/5/93 9:44							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
				[Signature]											
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks							
				DEL		8/5/93 1945									

DATE: 8/5/93