



Of Northern California, Inc.

FROM: TANK PROTECT ENGINEERING

DATE: 8-6-93TO: Scott O. Seery

ATTN: _____

RE: Castro Valley HighNO. OF PAGES: 5

(Include cover sheet)

If all pages are not received please notify sender.

MESSAGE:

Scott...

Here are the results of the recent tank removal at Castro Valley High. The following is an explanation of the samples:

DS-1, DS-2 Diesel excavation sidewalls

DSP 1A-4D Diesel stockpile

WOS-1 Waste oil excavation below tank

WOSP 1,2 Waste oil composite stockpile

DW-1 ~~Ground~~ Water in the Diesel ~~excavation~~ excavations

TPE would like to backfill diesel excavation and proceed with the excavation of the waste oil area. Look forward to hearing your comments ASAP.



August 06, 1993

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 extracted: Aug 05-06, 1993

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

RESULTS:

SAMPLE I.D.	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
DW-1	N.D.	N.D.	N.D.	N.D.	1.3
Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	3510/8015	602	602	602	602

SAMPLE I.D.	Gasoline (mg/Kg)	Diesel (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)	Oil & Grease (mg/Kg)
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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.	---
WOS-1	N.D.	400	N.D.	N.D.	N.D.	N.D.	1100
WOS-2	N.D.	210	N.D.	N.D.	N.D.	N.D.	210
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%	---
Duplicate Spiked Recovery	89.7%	92.5%	86.4%	88.5%	92.0%	97.8%	---
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
composited soil sample.							

fuel oil UST
waste oil UST

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

317 P23 AUG 06 '93 10:28

PEL #: 9308023

August 05, 1993

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name : Castro Valley Unified School District
Project number: 275020493

Sample I.D.: WOSP-1,2

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.	82.1
Vinyl Chloride	N.D.	-----
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	86.7
1,1-Dichloroethene	N.D.	-----
Methylene Chloride	N.D.	93.4
1,2-Dichloroethene (TOTAL)	N.D.	-----
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	88.2
Trichloroethane	N.D.	-----
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	95.3
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	81.6
Tetrachloroethene	N.D.	-----
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

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TANK PROTECT ENGINEERING

2821 WHIPPLE ROAD
UNION CITY, CA 94587
(415) 429-8088
(800) 523-8089
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. ZBC080493		SITE NAME & ADDRESS Castro Valley Unified School District Castro Valley High				(1) TYPE OF CONTAINER	ANALYTES REQUESTED						REMARKS
SAMPLE NAME, ADDRESS AND TELEPHONE NUMBER Lee Hutchins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088							TOTAL LEAD BC	AROMATIC HC	TOTAL BENTH BC	BZ & GREASE	VOC SCAN (24's) BPO	OTHER METALS Cd, Cr, Pb, Zn, Ni	
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
W087-1	8/4		x		1.5	Brass	x	x	x	x	x	Composite into 1 sample	
W087-2	8/4		x		1.0	Brass	x	x	x	x			
												O&G 5570-F EPA 8010 CLHC	
												Metals Cd, Cr, Pb, Zn, Ni	
Relinquished by: (Signature) <i>Lee Hutchins</i>		Date / Time 8/5/99 8:15		Received by: (Signature) <i>Lee Miller</i>		Relinquished by: (Signature) <i>Lee Miller</i>		Date / Time 8/5/99 11		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received by: (Signature) <i>Lee Miller</i>		Relinquished by: (Signature)		Date / Time		Received by: (Signature)			
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature) <i>PEL</i>		Date / Time 8/5/99 4:5		Remarks					

DATE: 8/5/99



TANK PROTECT ENGINEERING

2821 WHIPPLE ROAD
UNION CITY, CA 94587
(415) 429-8088
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PEL # 9308023 (1 of 2)

INV # 23863

LAB: Priority

TURNAROUND: None

P.O. #: 667

PAGE 1 OF 2

CHAIN OF CUSTODY

P. 05

FAX NO. 4089488663

PROJECT NO.		SITE NAME & ADDRESS					(1) TYPE OF CONTAINER	ANALYTES REQUESTED						REMARKS				
Z75 080493		Castro Valley High School District Castro Valley High						TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OXI & GREASE	PC SCAN (EPA 8000)	OTHER (EPA 8000)					
SAMPLE NAME, ADDRESS AND TELEPHONE NUMBER							ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION						
Lee Hudkins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																		
DG-1	8/4	1600	X			9.5'												
DG-2	8/4	1600	X			9.5'												
DG-1	8/4	1600		X		10.0'												
DSP-1A	8/4		X			3.0												
DSP-2B	8/4		X			3.0												
DSP-3C	8/4		X			3.0												
DSP-4D	8/4		X			3.0												
W006-1			X			9'												

ORE EPA 5520-F EPA 8010 CLWC
UNION CITY, CA 94587

Relinquished by: (Signature) <i>Lee Hudkins</i>	Date / Time 8/5/93 8:15	Received by: (Signature) <i>Joe Miller</i>	Relinquished by: (Signature) <i>Joe Miller</i>	Date / Time 8/5/93 1:44	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature) <i>Chad</i>	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature) <i>PEL</i>	Date / Time 8/5/93 9:45	Remarks	

DATE: 8

317 P05 AUG 06 '93 10:29