

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

May 5, 2001

MAY 11 2001

File No. 8-90-420-GI

Mr. Mohammad Mehdizadeh
678 La Corso Drive
Walnut Creek, California 94598

SUBJECT: SITE MEETING WITH ACHCSA
Located at 5175 Broadway Street, in
Oakland, California

Dear Mr. Mehdizadeh:

This letter summarized our discussion during a meeting with Mr. Don Hwang with Alameda County Health Care Services Agency (ACHCSA) and your daughter, Ms. Mojdeh Mehdizadeh, on May 4, 2001, at the subject property located at 5175 Broadway Street, in Oakland, California.

Previously, Mr. Don Hwang has requested for additional soil sampling at northwest of the property. Per our discussion and based on documentation of previous soil sampling by Tank Protect Engineering in a letter dated November 30, 1990, Mr. Don Hwang agreed that additional soil sampling may not be necessary, and a site closure may be filed with the State Water Resources Control Board.

Attached a copy of Tank Protect Engineering's letter report dated November 30, 1990.

If you have any questions regarding this letter, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS


FRANK HAMEDI-FARD
GENERAL MANAGER

cc: Mr. Don Hwang
ACHCSA
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577



TANK PROTECT ENGINEERING

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

November 30, 1990

Mr. Mohammad Mehdizadeh
150 Random Way
Pleasant Hill, CA 94523

Re: Excavation Verification Soil Sampling

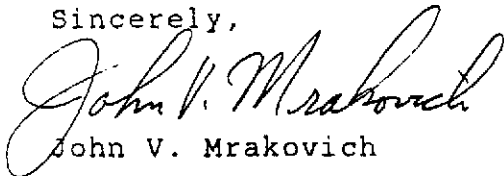
Dear Mr. Mehdizadeh:

On August 31, 1990 and November 16, 1990, Tank Protect Engineering (TPE) collected 13 soil samples for chemical analyses from the sidewalls and base of the excavation on your property at 5175 Broadway in Oakland, CA. to document in situ soil chemistry relative to total petroleum hydrocarbons as gasoline and benzene, toluene, ethylbenzene, and xylenes prior to backfilling the excavation.

Please find attached certified analytical reports and chain-of-custodies for the above soil samples. Also attached is a table showing sample depths and a summary of the analytical results, and a site map showing sample locations.

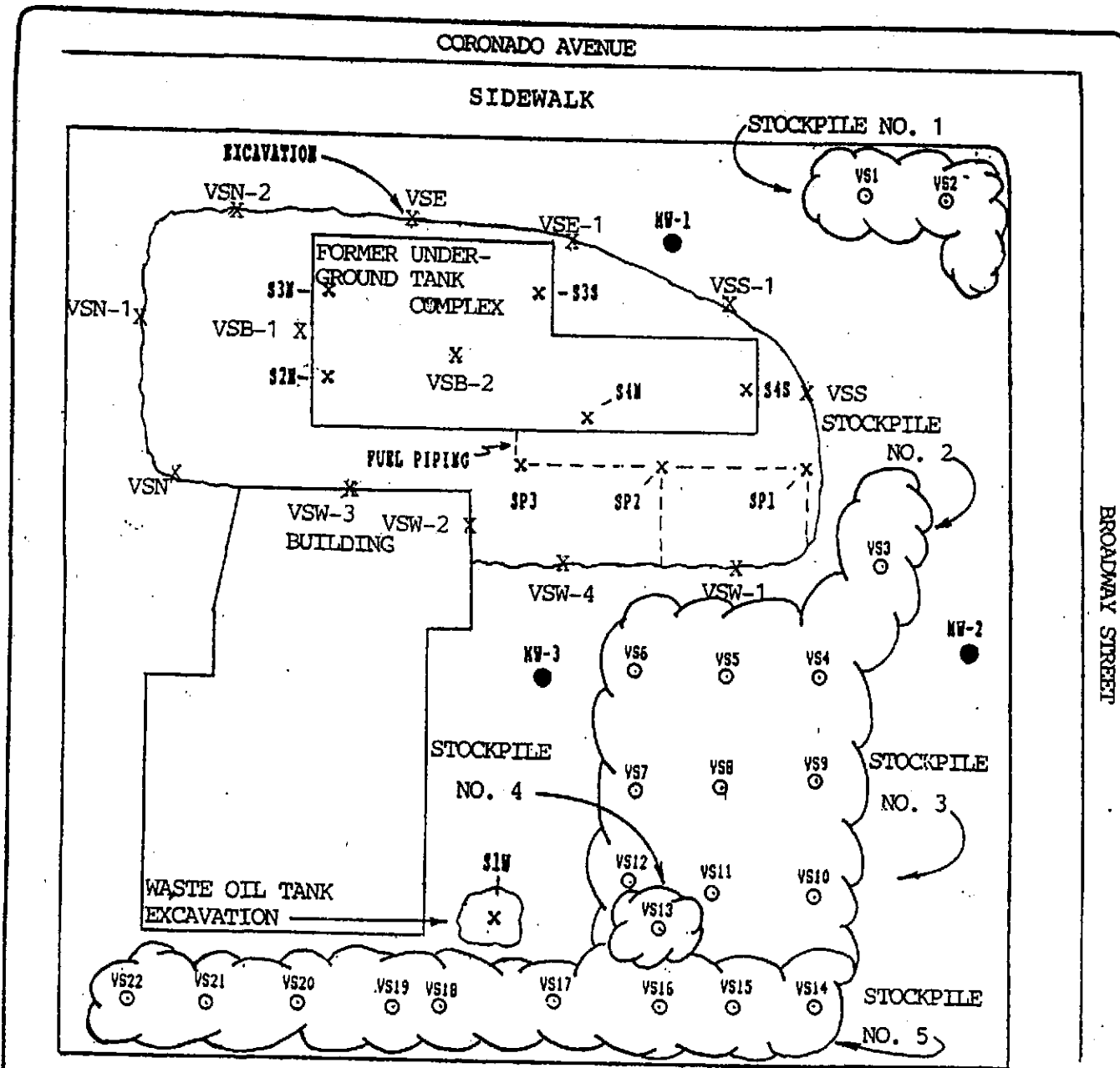
If you have any questions, please call TPE at (415) 429-8088.

Sincerely,


John V. Mrakovich

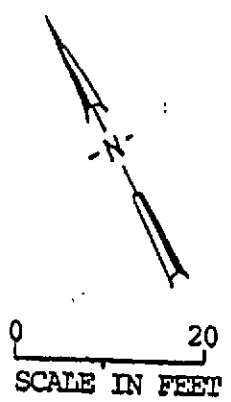
Attachments

cc: File



BROADWAY STREET

LEGEND



- S3N-x SOIL SAMPLE TAKEN DURING TANK AND PIPING REMOVAL
- KV-1 ● GROUNDWATER MONITORING WELL
- VS1 ○ VERIFICATION SOIL SAMPLE



SITE PLAN
5175 BROADWAY
OAKLAND, CALIFORNIA

FIGURE
1

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
SAMPLES COLLECTED IN EXCAVATION BASE AND
SIDEWALLS PRIOR TO BACKFILLING
(ppm)

Sample Identification	Sample Depth (ft)	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes
VSE	8.0	<10.0	<.002	.129	<.002	<.002
VSS	12.0	<10.0	<.002	<.002	<.002	.046
VSW-1	11.0	<10.0	<.002	<.002	<.002	<.002
VSW-2	5.0	<10.0	.064	.450	<.002	<.002
VSW-3	9.0	166.0	.060	<.002	<.002	<.002
VSN	5.5	<10.0	<.002	.340	<.002	<.002
VSW-4	9.0	<1.0	<.003	.015	.007	.034
VSN-1	6.0	<1.0	<.003	<.003	<.003	.005
VSN-2	10.0	<1.0	.003	.009	<.003	.019
VSB-1	13.0	1.0	.005	<.003	.004	.011
VSB-2	13.0	<1.0	<.003	<.003	<.003	.004
VSE-1	10.0	<1.0	<.003	.010	.005	.022
VSS-1	10.0	<1.0	<.003	<.003	<.003	.005

SUPERIOR ANALYTICAL LABORATORY, INC.

1555 BURKE, UNIT I • SAN FRANCISCO, CA 94124 • PHONE (415) 647-2081

FAX TO: Tank Project Eng.
ATTENTION: L. Travis

FAX # 429-8089
DATE: 1/27/90

FROM: Superior Analytical
825 Arnold Dr., Bay 2
Martinez, CA 94553

Phone # (415) 229-1512

FAX # (415) 229-1526

SENDER: R. Watson

TOTAL NUMBER OF PAGES INCLUDING COVER: 84

COMMENTS: _____

FAX.FRM 03/25/90

OUTSTANDING QUALITY AND SERVICE

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.: 81932
CLIENT: Tank Project Engineering
CLIENT JOB NO.: 104BC-111990

DATE RECEIVED: 11/16/90
DATE REPORTED: 11/27/90

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

LAB #	Sample Identification	Concentration (mg/Kg) Gasoline Range
1	VSW-4	ND<1
2	VSN-1	ND<1
3	VSN-2	ND<1
4	VSB-1	1
5	VSB-2	ND<1
6	VSE-1	ND<1
7	VSS-1	ND<1


mg/kg - parts per million (ppm)

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

QAQC Summary:

Daily Standard run at 2mg/L: RPD Gasoline = 9
MS/MSD Average Recovery = 84%: Duplicate RPD = 0

Richard Srna, Ph.D.


Laboratory Manager

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.: 81932
CLIENT: Tank Project Engineering
CLIENT JOB NO.: 104BC-111990

DATE RECEIVED: 11/16/90
DATE REPORTED: 11/27/90

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

LAB #	Sample Identification	Concentration(ug/Kg)			
		Benzene	Toluene	Ethyl Benzene	Xylenes
1	VSW-4	ND<3	15	7	34
2	VSN-1	ND<3	ND<3	ND<3	5
3	VSN-2	3	9	ND<3	19
4	VSB-1	5	ND<3	4	11
5	VSB-2	ND<3	ND<3	ND<3	4
6	VSE-1	ND<3	10	5	22
7	VSS-1	ND<3	ND<3	ND<3	5

ug/Kg - parts per billion (ppb)

Method Detection Limit in Soil: 3 ug/Kg

QAQC Summary:

Daily Standard run at 20ug/L: RPD = <15%
MS/MSD Average Recovery = 97%: Duplicate RPD = <3

Richard Srna, Ph.D.


Laboratory Manager

OUTSTANDING QUALITY AND SERVICE



TANK PROTECT ENGINEERING

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P.O. # 132

CHAIN OF CUSTODY

PROJECT NO. 104BC-111990		SITE NAME & ADDRESS 5175 BROADWAY OAKLAND, CA.				(1) TYPE OF CONTAINER	ANALYTES REQUESTED	TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC (BTK)	OIL & GREASE	VOC SCAN (624's)	OTHER	REMARKS
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER LYLE TRAVIS TANK PROTECT ENGINEERING TEL(415)429-8088														
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
VSW-4	11/16/90	758	✓		VSW-4 @ 9'	BRASS TUBE	✓	✓						
VSN-1		1015	↓		VSN-1 @ 6'									
VSN-2		815	↓		VSN-2 @ 10'									
VSB-1		830	↓		VSB-1 @ 13'									
VSB-2		840	↓		VSB-2 @ 13'									
VSE-1		850	↓		VSE-1 @ 10'									
VSS-1	↓	855	↓		VSS-1 @ 10'	↓	↓	↓						
Relinquished by : (Signature) <i>Marc Lopez</i>		Date / Time 11/16/90 5:20		Received by : (Signature) <i>Ken Brown</i>		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)		Date / Time		Remarks SUPERIOR NORMAL TURNAROUND						

DATE: _____

ANALYSIS REPORT
FOR

Tank Protect Engineering
2821 Whipple Road
Union City, CA 94587

CONTACT: Mr. Marc Zomorodi

DATE: 09-12-90

CHAIN OF CUSTODY ID NO: /Proj.No. 104B-090490

ORDER NO: 9909

P.O. NO: 2103

SITE DESCRIPTION: 5175 Broadway
Oakland, CA

SAMPLE DESCRIPTION:

Six samples of soil labeled VSE, VSS, VSW-1, VSW-2, VSW-3, and VSN. These were identified by Carter Analytical Laboratory as L1 through L6.

REQUESTED ANALYSIS:

Analyze sample L1 through L6 for TPH-G/BTEX using gas chromatography (GC).

The analyses reported are considered accurate. Should you wish further support for the reported data, submit your requirements in writing within 10 days. It is Carter Analytical Labs intent to give you complete satisfaction. Please reference the order number when communicating with us. The invoice is due and payable within 30 days from invoice date.

Hazardous Materials Certification No: 304 • Drinking Water Certification No: 953
from the
State of California • Department of Health Services

CARTER ANALYTICAL LABORATORY, INC.

95 LOST LAKE LANE • CAMPBELL, CA 95008 • (408) 866-1600 • FAX (408) 866-0319

The samples were identified on chain of custody as follows:

<u>Carter I.D.</u>	<u>Customer I.D.</u>	<u>Date Sampled</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Method</u>
L1	VSE	8/31/90	- - -	09/12/90	GC
L2	VSS	8/31/90	- - -	09/12/90	GC
L3	VSW-1	8/31/90	- - -	09/12/90	GC
L4	VSW-2	8/31/90	- - -	09/12/90	GC
L5	VSW-3	8/31/90	- - -	09/12/90	GC
L6	VSN	8/31/90	- - -	09/12/90	GC

TPH-G/BTEX

Known weights of each sample were extracted with known volumes of nanograde methanol. The extracts were analyzed for gasoline, benzene, toluene, ethyl benzene and xylene following EPA Method 8020. A 200 microliter (ul) portion of each sample extract was purged along with 5.0 ml of distilled water for 11 minutes at a rate of 25 ml per minute in a Tekmar liquid sample concentrator. The purged gases were trapped, concentrated and automatically desorbed into the GC. Separation of the various sample components was accomplished on a packed column with a bonded phase of 5% SP-1200/1.75% Bentone-34 on Supelcoport. The eluted components were detected by a photoionization detector (PID) and a flame ionization detector (FID). The output was recorded on an HP digital plotter/recorder. The results, reported in parts per parts per million (ppm) are as follows.

<u>Compound</u>	<u>L1 (ppm)</u>	<u>L2 (ppm)</u>	<u>L3 (ppm)</u>	<u>Detection Limit (ppm)</u>
benzene	< 0.002	< 0.002	< 0.002	0.002
toluene	0.129	< 0.002	< 0.002	0.002
ethylbenzene	< 0.002	< 0.002	< 0.002	0.002
xylenes	< 0.002	0.046	< 0.002	0.002
gasoline	< 10	< 10	< 10	10

<u>Compound</u>	<u>L4 (ppm)</u>	<u>L5 (ppm)</u>	<u>L6 (ppm)</u>	<u>Detection Limit (ppm)</u>
benzene	0.064	0.060	< 0.002	0.002
toluene	0.450	< 0.002	0.340	0.002
ethylbenzene	< 0.002	< 0.002	< 0.002	0.002
xylenes	< 0.002	< 0.002	< 0.002	0.002
gasoline	< 10	166	< 10	10

Detectable levels of gasoline were detected in sample L5, benzene in samples L4 and L5, toluene in samples L1, L4 and L6 and xylene in sample L2.

Samples submitted for analyses must be collected within a two week period following the completion of the analyses. Any samples remaining after the designated period of time will be discarded.

Should you have any questions please call. We look forward to serving you again in the near future.

Warren Belisle, Supervisor, 09-12-90
Warren Belisle Date



TANK PROTECT ENGINEERING

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9909

1 OF 1

CHAIN OF CUSTODY CARTER - NORMAL TURNAROUND

PROJECT NO. 104B-090490		SITE NAME & ADDRESS 5175 BROADWAY OAKLAND, CA					(1) TYPE OF CON- TAINER	ANALYTES REQUESTED							REMARKS
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER JOHN MRALOVICH TANK PROTECT ENGINEERING								TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC (BTK)	OIL & GREASE	POC SCAN	OTHER (624's)		
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION										
✓ VSE	9/3/90	1:45	✓				X	X							
✓ VSS		1:52													
✓ VSW-1		2:00													
✓ VSW-2		2:10													
✓ VSW-3		2:25													
✓ VSN		2:50													
Relinquished by: (Signature) <i>John Michael</i>		Date / Time 9/4/90 8:45		Received by: (Signature) <i>Tom Eggen</i>		Relinquished by: (Signature) <i>Il Vansa</i>		Date / Time 9/11 12:00		Received by: (Signature) <i>[Signature]</i>					
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 9-4-90 11:25		Received by: (Signature) <i>[Signature]</i>		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
Relinquished by: (Signature) <i>[Signature]</i>		Date / Time 9/6/90 4:30		Received for Laboratory by: (Signature) <i>Il Vansa</i>		Date / Time 9/7/90 0800		Remarks							

DATE: _____