

CROSBY & OVERTON, INC.

Environmental Management

8430 Amelia Street
Oakland, California 94621
FAX (415) 633-0759
(415) 633-0336 ■ (800) 821-0424

March 23, 1989

Mr. Larry Seto
Alameda County Health Agency
80 Swan Way, Room 200
Oakland, CA. 94621

Dear Mr. Seto:

Under your direction, Crosby and Overton obtained one aqueous and four sidewall interface samples from excavation #1 at 2724 Castro Valley Blvd. in Castro Valley, California on March 14, 1989.

Analytical results, a site plan, and the chain of custody are enclosed.

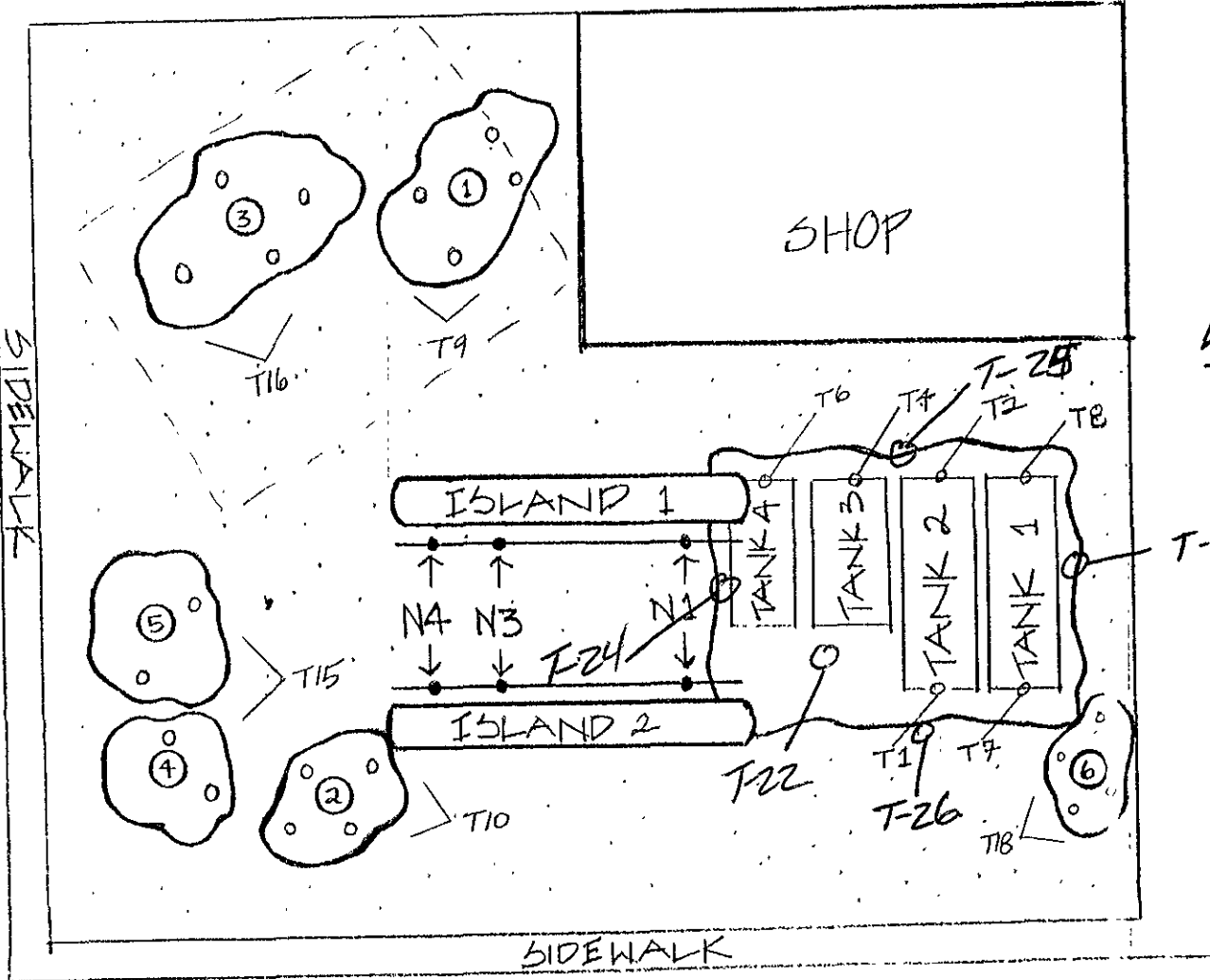
Should you have any questions, call me at your convenience.

Sincerely,

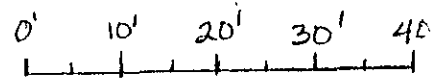
Dave Sadoff
Environmental Geologist

RECEIVED
MAR 21 1989
HAZARDOUS MATERIALS/
WASTE PROGRAM

LAKE CHARBOT RD



CASTRO VALLEY BLVD



SCALE

SHELL STATION

2724 Castro Valley Blvd



MOBILE CHEM LABS INC.

733 Dartmouth Avenue
San Carlos, CA 94070 • (415) 591-5820

Shell Oil Co.
P.O. BOX 4023
Concord, CA 94524
Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-17-89

Sample Number

V039018

Sample Description

Shell-Castro Valley
2724 Castro Valley Blvd.
T-22 WATER

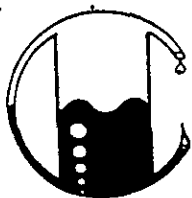
ANALYSIS

	Detection Limit	Sample Results
	ppb	ppb
Total Petroleum Hydrocarbons as Gasoline	50	6,800
Benzene	0.5	750
Toluene	0.5	600
Xylenes	0.5	640
Ethylbenzene	0.5	47

Note: Analysis was performed using EPA methods 5030 and 602.

MOBILE CHEM LABS

Ronald G. Evans
Lab Director



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Concord, CA 94524
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Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number

V039019

Sample Description

Shell-Castro Valley
2724 Castro Valley Blvd.

(T-23)

(SOIL)

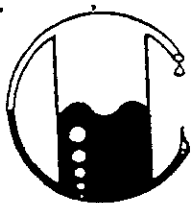
ANALYSIS

	<u>Detection Limit</u>	<u>Sample Results</u>
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	310
Benzene	0.1	18
Toluene	0.1	53
Xylenes	0.1	82
Ethylbenzene	0.1	14

Note: Analysis was performed using EPA methods 5020 and 8015 with
method 8020 used for BTX distinction.

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Concord, CA 94524
Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number

V039020

Sample Description

Shell-Castro Valley
2724 Castro Valley Blvd.
T-24 SOIL

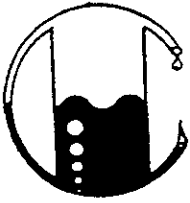
ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	1,300
Benzene	0.1	72
Toluene	0.1	260
Xylenes	0.1	270
Ethylbenzene	0.1	46

Note: Analysis was performed using EPA methods 5020 and 8015 with method 8020 used for BTX distinction.

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Shell Oil Company
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Concord, CA 94524
Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number

V039021

Sample Description

Shell-Castro Valley
2724 Castro Valley Blvd.
(T-25) (SOIL)

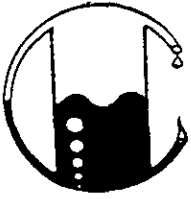
ANALYSIS

	Detection Limit	Sample Results
	----- ppm	----- ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	390
Benzene	0.1	19
Toluene	0.1	73
Xylenes	0.1	130
Ethylbenzene	0.1	20

Note: Analysis was performed using EPA methods 5020 and 8015 with
method 8020 used for BTX distinction.

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Shell Oil Company
P.O. BOX 4023
Concord, CA 94524
Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number

V039022

Sample Description


Shell-Castro Valley
2724 Castro Valley Blvd.
T-26 SOIL

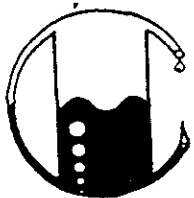
ANALYSIS

	Detection Limit	Sample Results
	----- ppm	----- ppm
Total Petroleum Hydrocarbons as Gasoline	1.0	18
Benzene	0.1	4.6
Toluene	0.1	5.7
Xylenes	0.1	5.3
Ethylbenzene	0.1	1.0

Note: Analysis was performed using EPA methods 5020 and 8015 with
method 8020 used for BTX distinction.

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Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number	Sample Description	Detection Limit	Total Petroleum Hydrocarbons as Diesel
-----	-----	-----	-----
		ppb	ppb
V039018	Shell- Castro Valley 2724 Castro Valley Blvd. T-22	50	<50

Note: Analysis was performed using EPA methods 3510 and 8015

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Concord, CA 94524
Attn: Ray Newsome

Date Sampled: 03-14-89
Date Received: 03-14-89
Date Reported: 03-14-89

Sample Number	Sample Description	Detection Limit	Total Petroleum Hydrocarbons as Diesel
-----	-----	-----	-----
		ppm	ppm
	Shell-Castro Valley 2724 Castro Valley Blvd.		
V039019	T-23	10	<10
V039020	T-24	10	<10
V039021	T-25	10	<10
V039022	T-26	10	<10

Note: Analysis was performed using EPA methods 3550 and 8015

MOBILE CHEM LABS


Ronald G. Evans
Lab Director

CROSBY & OVERTON ENVIRONMENTAL MANAGEMENT, INC.
SAMPLE ANALYSIS REQUEST

FIELD SECTION:

JOB: ~~4739T~~ 4739T P.O.#: 6779

COLLECTOR: D. SADOFF

DATE SAMPLED: 3/14/89 TIME: 15:30 HOURS

LOCATION OF SAMPLING:

SHELL OIL COMPANY
NAME OF COMPANY, DISPOSAL SITE, ETC.

ADDRESS: 2724
NUMBER

CASTRO VALLEY BLVD, CASTRO VALLEY
STREET CITY STATE ZIP

TELEPHONE: ()

COMPANY CONTACT:

SAMPLE NO.	T-22	T-23	T-24	T-25	T-26
TYPE OF SAMPLE	AQUEOUS	SOIL	SOIL	SOIL	SOIL
LOCATION OF SAMPLE	BOTTOM PIT	NE WALL INTERFACE	SW WALL INTERFACE	NW WALL INTERFACE	SE WALL INTERFACE
ANALYZE FOR	TPH-6 TPH-D	10' bgs	10' bgs	10' bgs	10' bgs

ANALYSIS: BTXE

LABORATORY SECTION:

RECEIVED BY: TITLE: DATE:

SAMPLE ALLOCATION: DATE:

NO.

RESULTS:					

CHAIN OF CUSTODY:

SIGNATURE
D. SADOFF
A. EWANA

AGENCY/ORGANIZATION

CTO INC.
MCL

INCLUSIVE DATES

3/14/89 5:00
3/14/89 5:14