



PACIFIC ENVIRONMENTAL GROUP, INC.

Date: July 25, 1995

Project: 305-094.6A

To: Ms. Amy Leech
Dept. of Environmental Health
Alameda County Health Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

We have enclosed:

Copies	Description
<u>1</u>	<u>Underground Storage Tank Removal Report (Converse, 1991)</u> <u>for 2724 Castro Valley Boulevard, Castro Valley</u>

For your: Use
 Approval
 Review
 Information

Comments: Please find the attached report which presents the results of soil sampling
upon removal of the waste oil tank on August 22, 1991. Subsequent overexcavation of
waste oil affected soil was performed and reported in the PACIFIC report dated
March 2, 1994. Lynn Walker of Shell has requested the soil disposal manifests
you requested, and will forward them upon receipt.
Please call if you have any questions.

Ross WN Tinline

cc. Mr. Lynn Walker, Shell Oil Products Company

95 JUL 26 PM 2:23
ROSS W. TINLINE

305.94.01

October 17, 1991
88-44-380-20-1438



Mr. Dan Kirk
Construction Engineer
Shell Oil Company
P.O. Box 4023
Concord, California 94520

SHELL FILE

Subject: Underground Storage Tank Removal Report
Former Shell Oil Company Station
2724 Castro Valley Boulevard
Castro Valley, California

Dear Dan,

Enclosed is a copy of the underground storage tank removal report for the above referenced site.

If there are any questions, please call us at (415) 543-4200.

Sincerely,

Converse Environmental West

David Siegel
Project Geologist

DS:gts

UNDERGROUND STORAGE TANK REMOVAL REPORT

FORMER SHELL OIL COMPANY STATION
2724 CASTRO VALLEY BLVD.
CASTRO VALLEY, CALIFORNIA

Prepared for:
SHELL OIL COMPANY
1390 Willow Pass Road, Suite 900
Concord, California 94520

Prepared by:
CONVERSE ENVIRONMENTAL WEST
55 Hawthorne, Suite 500
San Francisco, California 94105

October 17, 1991

CEW Project No. 88-44-380-40
WIC No. 204-1381-0407

TABLE OF CONTENTS

	<u>Page</u>
CERTIFICATION	
1 INTRODUCTION	1
1.1 Project Summary	1
1.2 Site Description	1
2 FUEL TANK REMOVAL AND DISPOSAL	2
3 SOIL SAMPLING AND ANALYSIS	3
4 CONCLUSIONS	4

DRAWINGS

1 Site Location Map	
2 Excavation Sample Locations Map	

TABLE

1 Results of Soil Chemical Analyses	
-------------------------------------	--

1 INTRODUCTION

1.1 PROJECT SUMMARY

This report presents the results of Converse Environmental West's (Converse) tank removal support operations at the former Shell Service Station located at 2724 Castro Valley Boulevard, Castro Valley, California. These operations were performed to assist Shell Oil Company (Shell) in complying with regulations governing the removal of four underground storage tanks at the site. The work discussed in this report consisted of:

- Removing existing fuel tanks,
- Soil sample collection,
- Sample analysis, and
- Preparation of this report.

1.2 SITE DESCRIPTION

The former Shell Service Station is located at 2724 Castro Valley Boulevard, Castro Valley, California (Drawing 1). The station is bounded by Lake Chabot Road to the west and Castro Valley Boulevard to the south. At the start of the tank removal program, the site was occupied by a station building, two dispenser islands, and one 550-gallon waste oil tank and three 10,000-gallon underground fuel storage tanks.

2 FUEL TANK REMOVAL AND DISPOSAL

Three underground fuel storage tanks and one waste oil tank were excavated and removed from the site on August 22, 1991 (Drawing 2). The three underground gasoline tanks had never been in use, and subsequent to removal, were transported to Crosby and Overton facilities in Oakland, California for storage. The waste oil tank was hauled by Crosby and Overton to Erickson in Richmond, California for disposal.

Pea gravel removed from the underground gasoline tank site was returned to the excavation and covered with an aggregate base rock cap. Soil stockpiled during the waste oil tank removal was used to fill the excavation.

3 SOIL SAMPLING AND ANALYSIS

Soil samples were collected from each end of the three underground gasoline tanks and from the east and west sidewalls. Laboratory analysis revealed no detected levels of petroleum hydrocarbons in samples collected from the underground gasoline tank excavation.

Five soil samples were collected from the sidewalls and bottom of the waste oil tank excavation. Analytical results revealed concentrations of 1,100 mg/kg and 1,400 mg/kg for total petroleum hydrocarbons as motor oil (TPH-mo) and total oil and grease, respectively in sample WO-1 (Drawing 2). 1.6 mg/kg TPH-d was detected in sample WO-4. Soil sample analyses indicated no detectable concentrations of petroleum hydrocarbons in the other samples.

Soil sample analyses results are summarized in Table 1. Complete analytical results are presented in the attached laboratory reports.

4 CONCLUSIONS

Based on the findings of this investigation, soil in and around the former gasoline tank excavation does not appear to have been adversely impacted by fuel hydrocarbons. Analytical data from soil samples collected in the former waste oil tank excavation indicate hydrocarbons in excess of 100 mg/kg may still remain in subsurface soils in the southwest part of the former tank excavation (southeast corner of station building).

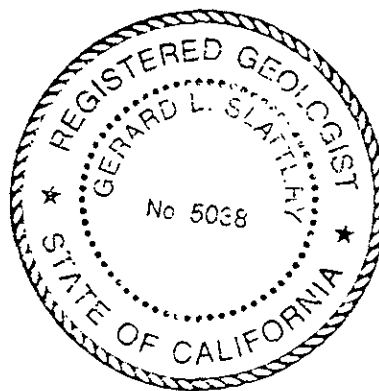
:

CERTIFICATION

This report of activities for the Shell Oil Company facility at 2724 Castro Valley Boulevard, Castro Valley, California has been prepared by the staff of **Converse Environmental West** under the professional supervision of the Engineer and/or Geologist whose seal(s) and signature(s) appear hereon.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the Client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either expressed or implied.

Respectfully submitted,



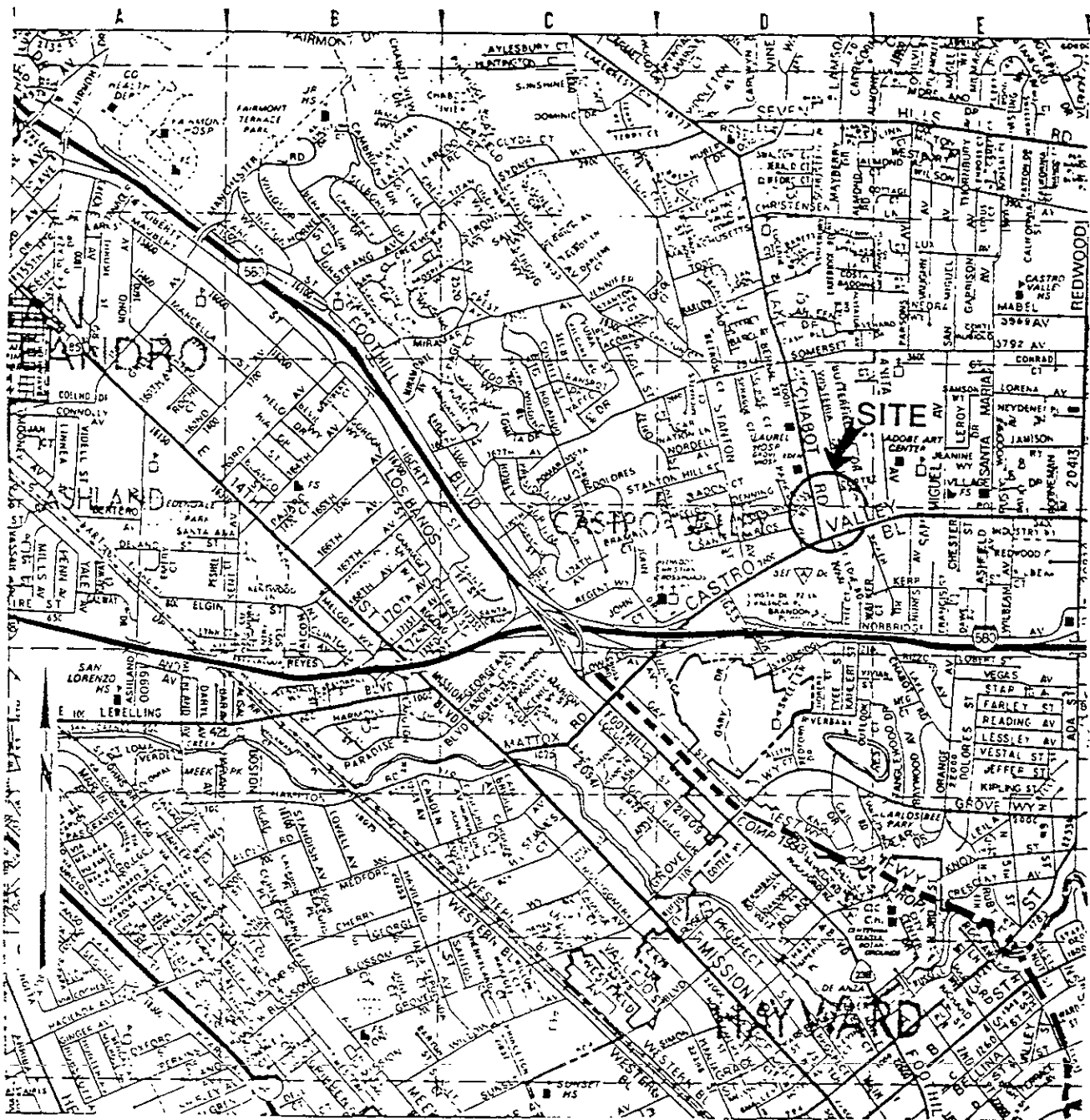
A handwritten signature in cursive script that reads "David Siegel".

DAVID SIEGEL
Project Geologist

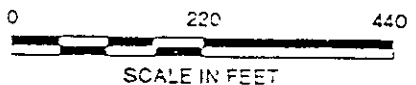
A handwritten signature in cursive script that reads "Gerard L. Slattery".

GERARD L. SLATTERY, R.G. 5038
Senior Geologist
Technical Services Manager

DRAWINGS



SOURCE: Thomas Brothers Maps 1989

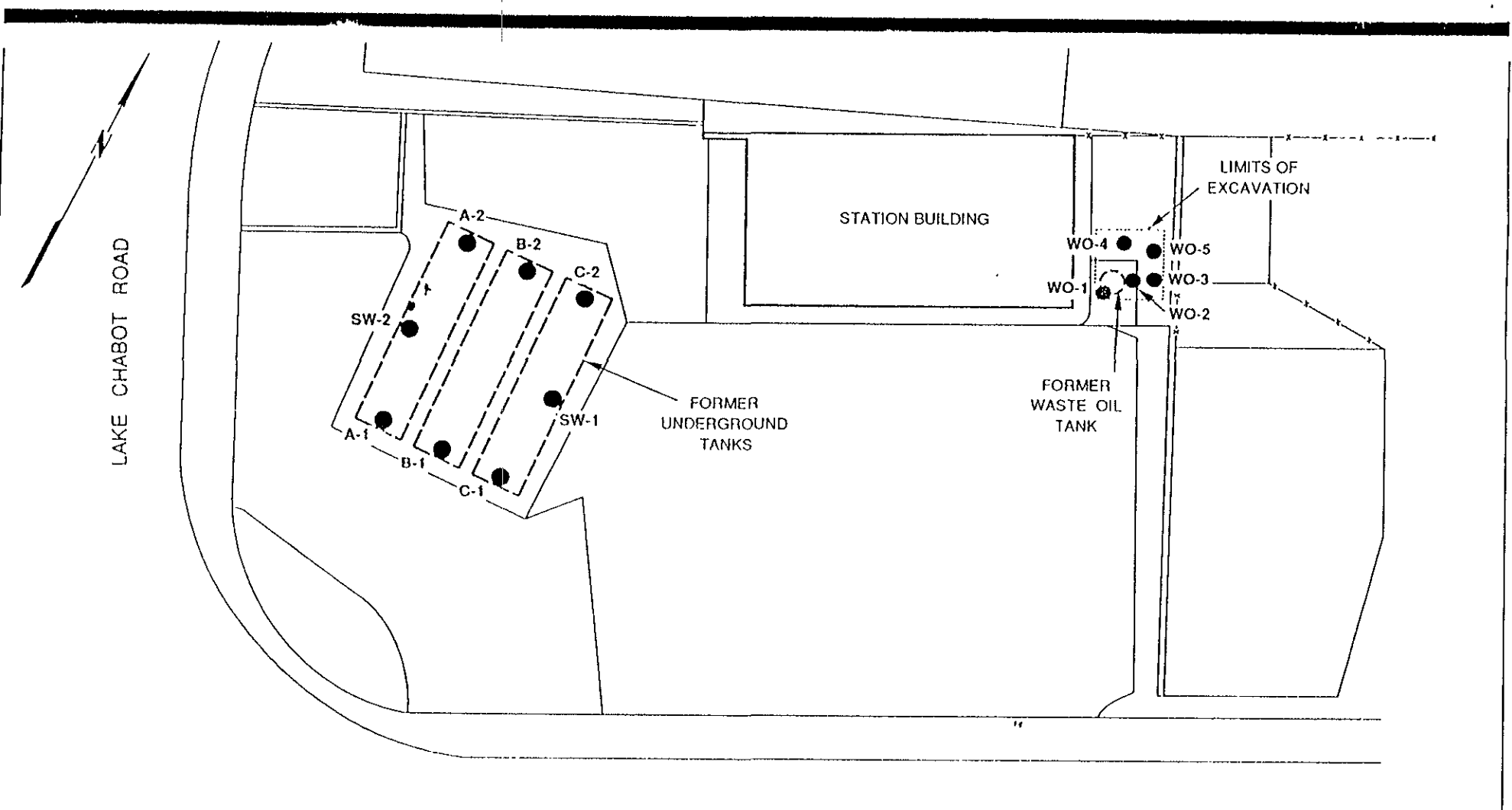


SITE LOCATION MAP

SHELL OIL COMPANY
 2724 Castro Valley Boulevard
 Castro Valley, California

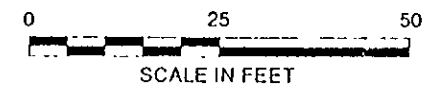
Scale	AS SHOWN	Date	89-44-390-20
Prepared by	LC	Date	6/8/90
Checked by	MCC	Drawing No	
Approved by	CRC		1





LEGEND

● SOIL SAMPLE



Base Map: Surveyed with electronic distance meter by CEW, 1990.

EXCAVATION SAMPLE LOCATIONS MAP

SHELL OIL COMPANY
2724 Castro Valley Boulevard
Castro Valley, California

Scale	AS SHOWN	Project No	88-44-380 40
Prepared by	LQL	Date	10/17/91
Checked by	DS	Drawing No.	2
WIC Number	204-1381-0407		



Converse Environmental West

TABLE

TABLE 1. RESULTS OF SOIL CHEMICAL ANALYSES (mg/kg)

Shell Oil Company Facility
2724 Castro Valley Road
Castro Valley, California

Sample Location	Sample Depth (ft bgs)	Date Sampled	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-mo (mg/kg)	Total Oil and Grease (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Xylenes (µg/kg)	Total Lead (mg/kg)
A-1	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
A-2	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
B-1	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
B-2	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
C-1	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
C-2	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
SW-1	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
SW-2	8'	08/22/91	<1.0	NA	NA	NA	<2.5	<2.5	<2.5	<2.5	NA
WO-1	7'	08/22/91	7.8	<1.0	1,100	1,400	<2.5	<2.5	13	30	11
WO-2	4'	08/22/91	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	NA
WO-3	7'	08/22/91	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	NA
WO-4	6'	08/22/91	<1.0	1.6	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	NA
WO-5	5.5'	08/22/91	<1.0	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	NA

NOTES:

NA Not Analyzed
mg/kg Milligrams per Kilogram
µg/kg Micrograms per Kilogram



NATIONAL
ENVIRONMENTAL
TESTING, INC.

NET Pacific, Inc.
435 Tesconi Circle
Santa Rosa, CA 95401
Tel: (707) 526-7200
Fax: (707) 526-9623

Peter Fuller
Converse Consultants
55 Hawthorne St, Ste 500
San Francisco, CA 94105

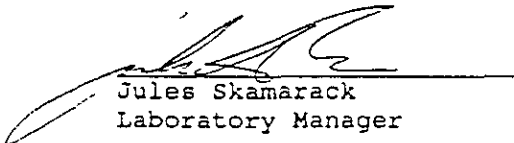
Date: 08-28-91
NET Client Acct No: 18.02
NET Pacific Log No: 9433
Received: 08-23-91 0800

Client Reference Information

SHELL, 2724 Castro Valley @ Lake Chabot, Proj:88-44-380-20

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

A handwritten signature in black ink, appearing to read "Jules Skamarack", is written over a horizontal line. Below the signature, the name and title are printed.

Jules Skamarack
Laboratory Manager

JS:rct
Enclosure(s)



NET Pacific, Inc.

Client No: 18.02

Client Name: Converse Consultants

NET Log No: 9433

Date: 08-28-91

Page: 2

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	A-1	A-2	Units
			08-22-91	08-22-91	
			95473	95474	
PETROLEUM HYDROCARBONS			--	--	
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline	1		ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
Benzene	2.5		ND	ND	ug/Kg
Ethylbenzene	2.5		ND	ND	ug/Kg
Toluene	2.5		ND	ND	ug/Kg
Xylenes, total	2.5		ND	ND	ug/Kg



NET Pacific, Inc.

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91

Page: 3

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	B-1	B-2	Units
			08-22-91	08-22-91	
			95475	95476	
PETROLEUM HYDROCARBONS			--	--	
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline		1	ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
Benzene		2.5	ND	ND	ug/Kg
Ethylbenzene		2.5	ND	ND	ug/Kg
Toluene		2.5	ND	ND	ug/Kg
Xylenes, total		2.5	ND	ND	ug/Kg



NET Pacific, Inc.

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91
Page: 4

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	C-1	C-2	Units
			08-22-91	08-22-91	
			95477	95478	
PETROLEUM HYDROCARBONS			--	--	
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline	1		ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
Benzene	2.5		ND	ND	ug/Kg
Ethylbenzene	2.5		ND	ND	ug/Kg
Toluene	2.5		ND	ND	ug/Kg
Xylenes, total	2.5		ND	ND	ug/Kg



NET Pacific, Inc.

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91

Page: 5

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Sidewall 1	Sidewall 2	Units
			08-22-91	08-22-91	
			95479	95480	
PETROLEUM HYDROCARBONS			--	--	
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline		1	ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
Benzene		2.5	ND	ND	ug/Kg
Ethylbenzene		2.5	ND	ND	ug/Kg
Toluene		2.5	ND	ND	ug/Kg
Xylenes, total		2.5	ND	ND	ug/Kg



NET Pacific, Inc.

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91

Page: 6

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Waste oil 2	Waste oil 3	Units
			08-22-91	08-22-91	
			95482	95483	
PETROLEUM HYDROCARBONS			--	--	
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline		1	ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-25-91	08-25-91	
Benzene		2.5	ND	ND	ug/Kg
Ethylbenzene		2.5	ND	ND	ug/Kg
Toluene		2.5	ND	ND	ug/Kg
Xylenes, total		2.5	ND	ND	ug/Kg
PETROLEUM HYDROCARBONS			--	--	
EXTRACTABLE (SOIL)			--	--	
DILUTION FACTOR *			1	2	
DATE EXTRACTED			08-25-91	08-25-91	
DATE ANALYZED			08-26-91	08-26-91	
METHOD GC FID/3550			--	--	
as Diesel		1	ND	ND	mg/Kg
as Motor Oil		10	ND	ND	mg/Kg



NET Pacific, Inc.

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91

Page: 7

Ref: SHELL, 2724 Castro Valley @ Lake Chabot, Proj:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Waste oil 4	Waste oil 5	Units
			08-22-91	08-22-91	
			95484	95485	
PETROLEUM HYDROCARBONS					
VOLATILE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-26-91	08-25-91	
METHOD GC FID/5030			--	--	
as Gasoline		1	ND	ND	mg/Kg
METHOD 8020			--	--	
DILUTION FACTOR *			1	1	
DATE ANALYZED			08-26-91	08-25-91	
Benzene		2.5	ND	ND	ug/Kg
Ethylbenzene		2.5	ND	ND	ug/Kg
Toluene		2.5	ND	ND	ug/Kg
Xylenes, total		2.5	ND	ND	ug/Kg
PETROLEUM HYDROCARBONS					
EXTRACTABLE (SOIL)			--	--	
DILUTION FACTOR *			1	1	
DATE EXTRACTED			08-25-91	08-25-91	
DATE ANALYZED			08-26-91	08-26-91	
METHOD GC FID/3550			--	--	
as Diesel		1	ND	ND	mg/Kg
as Motor Oil		10	ND	ND	mg/Kg



NET Pacific, Inc.

Client No: 18.02
 Client Name: Converse Consultants
 NET Log No: 9433

Date: 08-28-91

Page: 8

Ref: SHELL, 2724 Castro Valley @ Lake Chabot, Proj:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	Waste 1	Units
			08-22-91	
			95481	
Oil & Grease(Total)	EPA9071	50	1,400	mg/Kg
Oil & Grease(Non-Polar)	SM5520EF	50	960	mg/Kg
Cadmium	6010	2	ND	mg/Kg
Chromium	6010	2	46	mg/Kg
Lead (EPA 7421)	7421	0.2	11	mg/Kg
Nickel	6010	5	47	mg/Kg
Zinc	6010	2	120	mg/Kg

METHOD 8010

Parameter	Method	Reporting Limit	08-26-91	Units
DATE ANALYZED			08-26-91	
DILUTION FACTOR*			1	
Bromodichloromethane		2.0	ND	ug/Kg
Bromoform		2.0	ND	ug/Kg
Bromomethane		2.0	ND	ug/Kg
Carbon tetrachloride		2.0	ND	ug/Kg
Chlorobenzene		2.0	ND	ug/Kg
Chloroethane		2.0	ND	ug/Kg
2-Chloroethylvinyl ether		5.0	ND	ug/Kg
Chloroform		2.0	ND	ug/Kg
Chloromethane		2.0	ND	ug/Kg
Dibromochloromethane		2.0	ND	ug/Kg
1,2-Dichlorobenzene		2.0	ND	ug/Kg
1,3-Dichlorobenzene		2.0	ND	ug/Kg
1,4-Dichlorobenzene		2.0	ND	ug/Kg
Dichlorodifluoromethane		2.0	ND	ug/Kg
1,1-Dichloroethane		2.0	ND	ug/Kg
1,2-Dichloroethane		2.0	ND	ug/Kg
1,1-Dichloroethene		2.0	ND	ug/Kg
trans-1,2-Dichloroethene		2.0	ND	ug/Kg
1,2-Dichloropropane		2.0	ND	ug/Kg
cis-1,3-Dichloropropene		2.0	ND	ug/Kg
trans-1,3-Dichloropropene		2.0	ND	ug/Kg
Methylene Chloride		50	ND	ug/Kg
1,1,2,2-Tetrachloroethane		2.0	ND	ug/Kg
Tetrachloroethene		2.0	ND	ug/Kg
1,1,1-Trichloroethane		2.0	ND	ug/Kg
1,1,2-Trichloroethane		2.0	ND	ug/Kg
Trichloroethene		2.0	ND	ug/Kg
Trichlorofluoromethane		2.0	ND	ug/Kg
Vinyl chloride		2.0	ND	ug/Kg



NET Pacific, Inc

Client No: 18.02
Client Name: Converse Consultants
NET Log No: 9433

Date: 08-28-91

Page: 9

Ref: SHELL, 2724 Castro Valley @ Lake Chabot, Proj:88-44-380-20

Descriptor, Lab No. and Results

Parameter	Method	Reporting Limit	95481	Units
Waste 1 08-22-91				
PETROLEUM HYDROCARBONS			--	
VOLATILE (SOIL)			--	
DILUTION FACTOR *			1	
DATE ANALYZED			08-25-91	
METHOD GC FID/5030			--	
as Gasoline	1		7.8	mg/Kg
METHOD 8020			--	
DILUTION FACTOR *			1	
DATE ANALYZED			08-25-91	
Benzene	2.5		ND	ug/Kg
Ethylbenzene	2.5		13	ug/Kg
Toluene	2.5		ND	ug/Kg
Xylenes, total	2.5		30	ug/Kg
PETROLEUM HYDROCARBONS			--	
EXTRACTABLE (SOIL)			--	
DILUTION FACTOR *			20	
DATE EXTRACTED			08-25-91	
DATE ANALYZED			08-26-91	
METHOD GC FID/3550			--	
as Diesel	1		ND	mg/Kg
as Motor Oil	10		1,100	mg/Kg



NET Pacific, Inc

Client Acct: 18.02
 Client Name: Converse Consultants
 NET Log No: 9433

Date: 08-28-91
 Page: 10

Ref: SHELL 2724 Castro Valley @ Lake Chabot, Project:88-44-380-20

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verf Stand % Recovery	Blank Data	Spike % Recovery	Duplicate Spike % Recovery	RPD
O&G(Total)	50	mg/Kg	97	ND	97	98	1.0
O&G(Non-Polar)	50	mg/Kg	85	ND	N/A	N/A	N/A
Cadmium	2	mg/Kg	106	ND	99	98	1.0
Chromium	2	mg/Kg	97	ND	96	89	5.1
Lead	0.2	mg/Kg	97	ND	102	101	< 1
Nickel	5	mg/Kg	95	ND	90	86	3.0
Zinc	2	mg/Kg	105	ND	99	92	4.5
Diesel	1	mg/Kg	109	ND	N/A	N/A	7.3
Motor Oil	10	mg/Kg	111	ND	N/A	N/A	N/A
Chlorobenzene	2.0	ug/Kg	127	ND	120	118	1.7
1,1-Dichloroethene	2.0	ug/Kg	100	ND	96	94	2.8
Trichloroethene	2.0	ug/Kg	114	ND	116	114	3.1

COMMENT: Blank Results were ND on other analytes tested.

Gasoline	1	mg/Kg	103	ND	103	103	< 1
Benzene	2.5	ug/Kg	98	ND	102	103	1.0
Toluene	2.5	ug/Kg	94	ND	105	106	1.0

COMMENT: Blank Results were ND on other analytes tested.



NET Pacific, Inc

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	: Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
*	: Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
ICVS	: Initial Calibration Verification Standard (External Standard).
mean	: Average; sum of measurements divided by number of measurements.
mg/Kg (ppm)	: Concentration in units of milligrams of analyte per kilogram of sample (parts per million).
mg/L	: Concentration in units of milligrams of analyte per liter of sample.
mL/L/hr	: Milliliters per liter per hour.
MPN/100 mL	: Most probable number of bacteria per one hundred milliliters of sample.
N/A	: Not applicable.
NA	: Not analyzed.
ND	: Not detected; the analyte concentration is less than applicable listed reporting limit.
NTU	: Nephelometric turbidity units.
RPD	: Relative percent difference, $100 \text{ [Value 1 - Value 2]}/\text{mean value}$.
SNA	: Standard not available.
ug/Kg (ppb)	: Concentration in units of micrograms of analyte per kilogram of sample (parts per billion).
ug/L	: Concentration in units of micrograms of analyte per liter of sample.
umhos/cm	: Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1985.



CUSTODY SEALED ^{8/22/91}
 @ 1900 ^{AM} CHAIN OF CUSTODY RECORD
Anal which

WIC# 204-1381-0407

9433

PM: PAF

PROJECT NO.:				PROJECT NAME / CROSS STREET:		NUMBER OF CONTAINERS	ANALYSES						REMARKS
SAMPLERS: (Signature)							TPH-G	BTEX	TPH-D	Oil & Grease	ICAP Metals (AAMetals)	EPA 8010	
STATION NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION								
A-#1	8/22/91			*	TANK A - #1 @ 8 FT.	1	X	X					
A-#2				X	TANK A - #2 @ 8 FT.	1	X	X				* FOR TURNAROUND TIME CALL	
B-#1				X	TANK B - #1	1	X	X				PETER FULLER	
B-#2				X	TANK B - #2	1	X	X				* Check Analysis on Waste Oil #1 w/ Pete Fuller	
C-#1				X	TANK C - #1	1	X	X					
C-#2				X	TANK C - #2	1	X	X					
Sidewall #1				X	Sidewall #1	1	X	X					
Sidewall #2				X	Sidewall #2	1	X	X					
Waste Oil #1				X	Waste Oil - Sidewall	1	X	X	X	X	X	8/23 9am left mess w/ pet fuller to call w/ mt analysis	
Waste Oil #2				X	Waste Oil - Underneath Pit	1	X	X	X			49hr. requested due 8/27	
Waste Oil #3				X	Waste Oil - Overexcavation	1	X	X	X			8010 due 8/29 Final 8/29 2nd	
Waste Oil #4				X	Waste Oil - Backwall	1	X	X	X			ICAP METALS - Cd, Cr, Pb, Zn, Ni (AAMetals)	
Waste Oil #5				X	Waste Oil - Sidewall	1	X	X	X				
RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)		RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)			
Michelle Blum		8/22/91 3pm		Mike Tarnici		Mike Tarnici		8/22/91					
RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)		RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)			
RELINQUISHED BY COURIER (Sign.)		DATE		RECEIVED BY MOBILE LAB (Sign.)		RELINQ. BY MOBILE LAB (Signature)		DATE		RECEIVED BY COURIER (Signature)			
METHOD OF SHIPMENT				SHIPPED BY (Signature)		RECEIVED FOR LAB (Signature)		DATE		COURIER FROM AIRPORT (Signature)			
(via RCS)								8/23/91					

NO. 1
 NO. 2
 NO. 3
 NO. 4
 NO. 5