**Mobil Oil Corporation** 

added to file 8-5-94 by FAID

January 7, 1992

Mr. Paul Smith Alameda County Department of Environmental Health Hazardous Materials Division 80 Swan Way, Room 200 Oakland, California 94621

> FORMER MOBIL STATION #10-E6A 100 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA

Dear Mr. Smith:

Enclosed for your information and review is the Quarterly Groundwater Sampling Report, prepared by Alton Geoscience, for the subject location.

The analytical results for BTEX and TPH-G contaminates indicate a decrease in MW-1. BTEX constituents in MW-2 and MW-3 have remained below detection limits.

Should you have any questions, please do not hesitate to call me at 1-800-227-0707 extension 5316.

Sincerely.

Michele A. Fear Michele A. Fear

Environmental Monitoring

Analyst

Attachment

cc: Mr. Eddy So w/attachment California Water Quality Control Board San Francisco Bay Region 2101 Webster Street - Oakland, CA 94533-6376

Mr. Peter DeSantis w/attachment BP Oil Company 2868 Prospect Park, Suite 360 - Rancho Cordova, CA 956

D. J. Hill - Mobil Field Engineering Supervisor w/o awareness S. E. Malone - Mobil Monitoring Analyst Supervisor w/o attachment

# QUARTERLY GROUND WATER MONITORING AND SAMPLING REPORT

for

Former Mobil Service Station 10-E6A 100 MacArthur Boulevard Oakland, California

Project No. 30-0063-02

Prepared By:

Alton Geoscience 1000 Burnett Avenue, Suite 140 Concord, California

January 3, 1992

# QUARTERLY GROUND WATER MONITORING AND SAMPLING REPORT

### Former Mobil Service Station 10-E6A 100 MacArthur Boulevard Oakland, California

January 3, 1992

### INTRODUCTION

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This report presents the results and findings of the November 1991 quarterly ground water monitoring and sampling activities performed by Alton Geoscience at former Mobil Service Station 10-E6A, 100 MacArthur Boulevard, Oakland, California. A site vicinity map is shown in Figure 1.

### PROJECT ACTIVITIES

In September 1988, a 280-gallon waste oil tank was removed. Sheen was observed on the ground water in the tank cavity and total oil and grease (TOG) were detected in a soil sample collected from the tank backfill material. Based on these findings, the Alameda County Department of Environmental Health (ACDEH) requested that a site assessment be performed.

Mobil Oil Corporation retained Alton Geoscience to complete a site investigation to assess the lateral and vertical extent of hydrocarbon-affected soil and/or ground water at the site. The site investigation included three soil borings and the installation of three ground water monitoring wells (MW-1, MW-2, and MW-3). Soil samples collected from the borings did not contain total petroleum hydrocarbons as gasoline (TPH-G), TOG, or halogenated volatile organic compounds (HVOCs) above analytical detection limits. A ground water sample collected from Monitoring Well MW-1 detected concentrations of benzene, toluene, and 1,2 dichloroethane. Ground water samples from MW-2 contained concentrations of benzene (for details, refer to the Alton Geoscience report dated December 20, 1989). Based on the findings of this investigation, a quarterly ground water monitoring and sampling program was initiated.

#### FIELD PROCEDURES

1 1 F

On November 13, 1991, Alton Geoscience monitored and sampled MW-1, MW-2, and MW-3.

Ground water samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-G), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Ground water samples obtained from MW-1 were also analyzed for total petroleum hydrocarbons as diesel (TPH-D), total oil and grease (TOG), and halogenated volatile organic compounds (HVOCs).

The ground water monitoring and sampling procedures are presented in Appendix A. The water sampling field survey forms presenting the field measurements and observations are presented in Appendix B.

## DISCUSSION OF RESULTS

The results of the ground water monitoring and laboratory analysis of water samples are summarized in Table 1. The official laboratory reports and Chain of Custody Records are presented in Appendix C.

A ground water elevation contour map, based on the November 13, 1991, ground water monitoring data is shown in Figure 2. The concentrations of petroleum hydrocarbon constituents detected in ground water samples is shown in Figure 3.

Field observations and laboratory analysis of ground water samples indicate the following:

- The average depth to ground water was 15.5 feet below grade and the general ground water gradient onsite was 0.06 foot/foot to the south.
- Measurable or trace free product was not observed in ground water during this or previous monitoring events.
- Concentrations of TPH-G were detected in samples from MW-1 (60 ppb) and MW-2 (38 ppb). Benzene concentrations were detected from MW-1 (0.68 ppb) and MW-2 (0.32 ppb).
- The only halogenated volatile organic compound detected from MW-1 was 1,2 dichloroethane (1.0 ppb).

TOG and toluene, ethylbenzene, and total xylenes were not detected.

ALTON GEOSCIENCE

Tim Quane Project Manager

(Peter C. Lange, R.G. 5089

Associate, Concord Operations



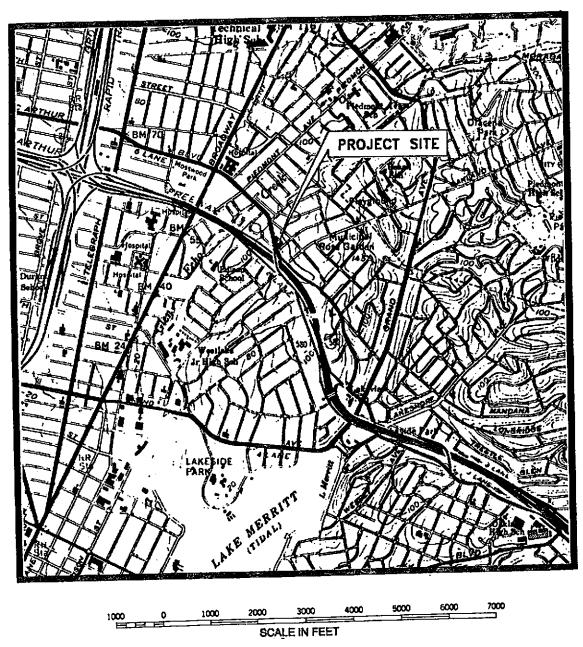


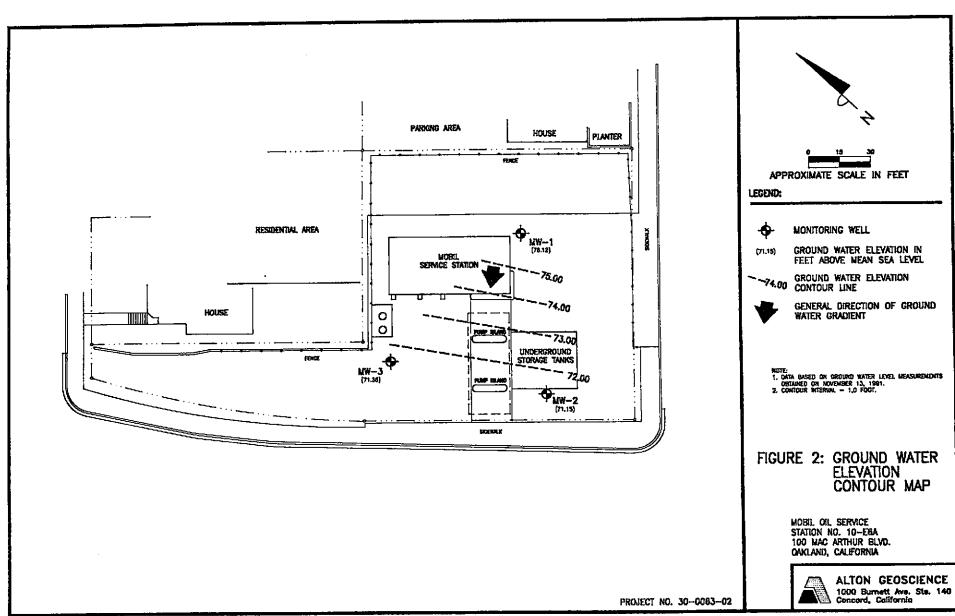
FIGURE 1: SITE VICINITY MAP

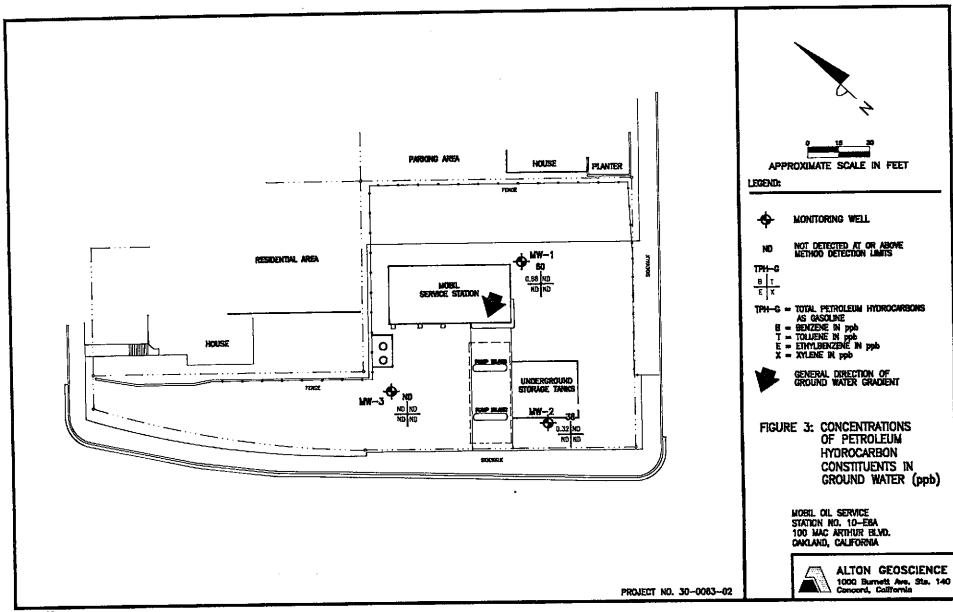
MOBIL OIL CORPORATION SERVICE STATION NO. E6A 100 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA

SOURCE: U.S.G.S. OAKLAND QUADRANGLES, CALIFORNIA 7.5 MINUTE SERIES (TOPOGRAPHIC)



ALTON GEOSCIENCE 1000 Burnett Ave. Ste. 140 Concord, California





# Table 1 Summary of Results of Ground Water Sampling Mobil Station No. 10E6A 100 MacArthur Boulevard Oakland, California Project No. 30-0063

#### Concentrations in parts per billion (ppb)

ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION	TPH-G	TPH-D	BVOC	TOG	В	T	E	X	LAB
MW-1	11/04/89	90.20	13.21	76.99	ND<500	ND<50	0.9*	ND<5000	3.4	0.6	ND<0.3	ND<0.3	SAL
MW-1	11/11/89	90.20	13.32	76.88									NA
MW-1	04/03/90	90.20	12.46	77.74	820				64	1.9	23	34	AI
MW-1	07/30/90	90.20	12.92	77.28	190	ND<50	ND**	ND<5000	11	ND<5.0	ND<5.0	ND<5.0	AI
MW-1	11/20/90	90.20	14.08	76.12	50	7 <del>9</del>	4.0*	ND<5000	2.4	ND<0.3	ND<0.3	ND<0.3	SAL
MW-1	03/01/91	90.20	13.61	76.59	ND<100	ND<1000	ND**	14000	0.9	ND<0.3	ND<0.3	0.3	SAL
MW-1	08/19/91	90.20	15.74	74.46	370	ND<50	1.4*	ND<5000	35	0.73	6.4	5.6	SA
MW-1	11/13/91	90.20	14.08	76.12	60	ND<50	1.0*	ND<5000	0.68	ND<0.3	ND<0.3	ND<0.3	SA
MW-2	11/04/89	87.91	15.84	72.07	ND<500				6.5	ND<0.3	ND<0.3	ND<0.3	SAL
MW-2		87.91	14.75	73.16									NA
MW-2		87.91	15.25	72.66	ND<100				ND<0.5	ND<0.5	ND<0.5	ND<0.5	ΑI
MW-2		87.91	15.59	72.32	61				6.5	ND<0.5	ND<0.5	ND<0.5	ΑI
MW-2		87.91	17.81	70.10	ND<50				0.3	ND<0.3	ND<0.3	ND<0.3	SAL
MW-2		87.91	17.11	70.80	ND<100		4.0*		0.4	ND<0.3	ND<0.3	ND<0.3	SAL
MW-2		87.91	17.97	69.94	ND<30				ND<0.3	ND<0.3	ND<0.3	ND<0.3	SA
MW-2		87.91	16.76	71.15	38				0.32	ND<0.3	ND<0.3	ND<0.3	SA
MW-3	11/04/89	87.02	15.40	71.62	ND<500				ND<0.3	ND<0.3	ND<0.3	ND<0.3	SAL
MW-3		87.02	14.10	72.92									NA
MW-3		87.02	13.9	73.12	ND<100				ND<0.5	ND<0.5	ND<0.5	ND<0.5	ΑI
MW-3		87.02	13.77	73.25	ND<50			ND<5000	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ΑI
MW-3		87.02	14.67	72.35	ND<50				0.3	0.8	0.4	1.5	SAL
MW-3		87.02	15.22	71.80	ND<100		ND**		0.4	ND<0.3	ND<0.3	ND<0.3	SAL
MW-3	· - · - · - · - · - · - · · · · · ·	87.02	13.15	73.87	ND<30		~~~		ND<0.3	ND<0.3	ND<0.3	ND<0.3	SA
MW-3		87.02	15.66	71.36	ND<30				ND<0.3	ND<0.3	ND<0.3	ND<0.3	SA
TOG	:Total Oil a	and Grease					:Not an	alvzed					
В	:Benzene	alla or case				ND<		tected at m	ethod de	etection	limit show	٧n	
T	:Toluene					NA		plicable					
E	:Ethylbenzer	10				SAL		or Analytic	al Labor	atrov			
X	:Xylenes					AI	-	rix Inc.					
*	:1,2-Dichlor	rothano				SA		a Analytica	al Labora	torv			
**		limits vary v			well casi		-			<b>-</b>			

# APPENDIX A FIELD PROCEDURES

# ALTON GEOSCIENCE FIELD PROCEDURES FOR GROUND WATER SAMPLING

Ground water monitoring and sampling were performed in accordance with the requirements and procedures of the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). Prior to purging and sampling each well, total well depth and depth to ground water were measured from a reference mark at the top of each well casing using an electronic sounder.

Prior to sample collection, each well was purged of three well casing volumes of water. Ground water was collected using a disposable bailer, observed for the presence of free product, and transferred to the appropriate clean sample containers for delivery to a California-certified laboratory. Purged ground water was stored onsite in DOT-approved, 55-gallon drums for proper disposal.

# APPENDIX B WATER SAMPLING FIELD SURVEY FORMS

# FIELD MONITORING DATA SHEET. JOB NUMBER/TASK# 30-0063-02/0002 TECHNICIAN Patricia Signatu JOB LOCATION 100 McArtin Blrd Dakland DATE 11-13-91 Former Mobile Station # 10 EGA CUT LEVEL HOLD PRODUCT DEPTH TO | DEPTH TO WELL# COMMENTS (Notes, Conditions, etc.) THICKNESS **PRODUCT** WATER Total Oxpth (FEET) 32.05 15.64 MW3 32.36 16.76 MWL 32.42 14.08 mwl

FORM # 037 - Effective Date 4-10-91

# ALTON GEOSCIENCE, INC. Well Development and Water Sampling Field Survey

n (
Project 1 30.0063-02 Site: 100 Mc Arthur Dad Date; 11-13-91
Well: mui Sampling Team: tatrica Signita
Well Development Method:
Sampling Method: Disposable Bailes
Describe Equipment Decontamination Before Sampling: Alconox W Triple Rinse DI Water Final Rinse
Well Development/ Well Sampling Data
Total Well Depth: 32.4zfeet Time: Water level Before Pumping: 14.08
Water Casing Diameter Volume Column 2-inch 4-inch Volume Factor to Purge
$18.34$ feet x 0.16 0.65 11.92 $\times 3$ 35.76
Depth Purging From:feet. Time Purging Begins: 1:35
Notes on Initial Discharge:
Time Volume pH Conductivity T Notes
Time Field Parameter Measurement Begins:
Rep 11 Rep 12 Rep 13 Rep 14
Conductivity
Presample Collection Gallons Purged:
Time Sample Collection Begins:
Time Sample Collection Ends: 2:45
Total Gallons Purged:
Comments:

### ALTON GEOSCIENCE, INC. Well Development and Water Sampling Field Survey

Project # 25- AN EAS	site: 100 m	- Avhu Brel	Date: <u>//</u> -	13 -91
Well: mwz	Cakland Sampling Tea	M: Partie	2i1≠10E6A	-ti
<del></del>		<u>1200</u>	08	
Well Development M		<i>Q</i> ')		
Sampling Method:	Disposable 1	Bales		<del></del>
Describe Equipment	Decontaminati	on Before	Sampling: _	4/conox w
Well Development/ Well Sa	mpling Data	,		
Total Well Depth: 32.34 feet		. Be	Mater level efore Pumpin	ng: 16.76
water Cas	sing Diameter		Factor	Volume to Purge
15.6 feet x 0.1	16 0.65	10.14	<u> </u>	30.42
Depth Purging From Notes on Initial I	Discharge:		urging Begi	tes
Time Volume				
Time Field Parame	ter Measureme	nt Begins:		
	Rep 11	Rep_12	Rep 13	Rep 14
pH Conductivity Temperature (F)				
Presample Collect	ion Gallons P	urged:		
Time Sample Colle	ection Begins:		<del></del>	
Time Sample Colle	ection Ends:		:30	
Total Gallons Pur				
Comments:		<u>,</u>		
		, <u>, , , , , , , , , , , , , , , , , , </u>		

# ALTON GEOSCIENCE, INC. Well Development and Water Sampling Field Survey

Dunion 130, AN & Site: 100 Mc Avitus Bul Date: 11-13-91
Project 130.003 Site: 100 Mc Artim Bod Date: 11-13-91  Oakland of Form Moil From Mell: MW3 Sampling Team: Patricia Gisante
Well Development Method:
Sampling Method: Disposable Bailes
Describe Equipment Decontamination Before Sampling: Alconoc w
Well Development/ Well Sampling Data
Total Well Depth: 32.05 feet Time: 11:30 Before Pumping: 15.66
Water Casing Diameter Volume Column 2-inch 4-inch Volume Factor to Purge
16.39 feet x 0.16 0.65 10.65 X3 31.96
Depth Purging From: feet. Time Purging Begins: _/1:30
Notes on Initial Discharge: Chan to Clonely
Time Volume pH Conductivity T Notes
Time Field Parameter Measurement Begins:
Rep 11 Rep 12 Rep 14
PH
Presample Collection Gallons Purged:
Time Sample Collection Begins: 12.15
Time Sample Collection Ends:
Total Gallons Purged:
Comments: 15 gallons purges

# APPENDIX C OFFICIAL LABORATORY REPORTS AND CHAIN OF CUSTODY RECORD

1000 Burnett Avenue, Suite 140

Concord, CA 94520 Attention: Tim Quane Client Project ID:

Matrix Descript:

Mobil#10E6A/100 McArthur Blvd., Oakland Water

Sampled: Nov 13, 1991

Received:

Nov 13, 1991 Nov 15, 1991

Analysis Method: First Sample #:

111-0607

EPA 5030/8015/8020

Analyzed: Reported:

Nov 20, 1991

## TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Sample Number Description		Low/Medium B.P. Hydrocarbons μg/L (ppb)	Benzene μg/L (ppb)	<b>Toluene</b> μg/L (ppb)	Ethyl Benzene µg/L (ppb)	<b>Xylenes</b> μg/L (ppb)	
111-0607	MW 3	N.D.	N.D.	N.D.	N.D.	N.D.	
111-0608	MW 2		0.82	ND	N.D.	N.D.	
111-0609	MW 1		0.08	N.D.	N.D.	N.D.	

			<del></del>			
Detection Limits:	30	0.30	0.30	0.30	0.30	

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard. Analytes reported as N.D. were not present above the stated limit of detection.

roject Manager



(510) 686-9600 • FAX (510) 686-9689

Alton Geoscience

1000 Burnett Avenue, Suite 140

Attention: Tim Quane

Client Project ID:

Mobil#10E6A/100 McArthur Blvd., Oakland

Nov 13, 1991 Sampled:

Matrix Descript:

Water

Received: Nov 13, 1991

Concord, CA 94520

Analysis Method: First Sample #:

EPA 3510/8015 111-0609

Nov 15, 1991 Extracted: Analyzed: Nov 18, 1991 Reported: Nov 20, 1991

**TOTAL PETROLEUM FUEL HYDROCARBONS (EPA 8015)** 

Sample Number

Sample Description

High B.P. Hydrocarbons

 $\mu$ g/L

(ppb)

111-0609

MW<sub>1</sub>

N.D.

**Detection Limits:** 

50

High Boiling Point Hydrocarbons are quantitated against a diesel fuel standard. Analytes reported as N.D. were not present above the stated limit of detection.

ct Manager

1110607.ALG <2>

1000 Burnett Avenue, Suite 140

Concord, CA 94520 Attention: Tim Quane

Client Project ID:

Mobil#10E6A/100 McArthur Blvd., Oakland

Water, MW 1

Sample Descript: Analysis Method: Lab Number:

EPA 5030/8010

111-0609

Sampled: Received:

Nov 13, 1991 Nov 13, 1991

Analyzed: Reported:

Nov 20, 1991 Nov 21, 1991

## **HALOGENATED VOLATILE ORGANICS (EPA 8010)**

Analyte	Detection Limit µg/L		Sample Results µg/L
Bromodichloromethane	0.50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N.D.
Bromoform	1.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N.D.
Bromomethane	1.0		N.D.
Carbon tetrachloride	0.50	***************************************	N.D.
Chlorobenzene	0.50	***************************************	N.D.
Chloroethane	1.0	,	N.D.
2-Chloroethylvinyl ether	1.0	***************************************	N.D.
Chloroform	0.50		N.D.
Chloromethane	1.0	***************************************	N.D.
Dibromochloromethane	0.50	**********	N.D.
1,2-Dichlorobenzene	0.50	***************************************	N.D.
1,3-Dichlorobenzene	0.50	***************************************	N.D.
1,4-Dichlorobenzene	0.50	#149717777777777777777777777777777777777	N.D.
1.1-Dichloroethane	0.50	***************************************	N.D.
1,2 Ottoblercethate	0.50		
1.1-Dichloroement	0.50	***************************************	N.D.
cis-1,2-Dichloroethene	0.50	***************************	N.D.
trans-1,2-Dichloroethene	0.50	***************************************	N.D.
1,2-Dichloropropane	0.50	***************************************	N.D.
cis-1,3-Dichloropropene	1.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N.D.
trans-1,3-Dichloropropene	1.0	***************************************	N.D.
Methylene chloride	2.0		N.D.
1,1,2,2-Tetrachloroethane	0.50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N.D.
Tetrachloroethene	0.50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	N.D.
1,1,1-Trichloroethane	0.50	L14214211111111111111111111111111111111	N.D.
1,1,2-Trichloroethane	0.50		N.D.
Trichloroethene	0.50		N.D.
Trichlorofluoromethane	1.0	***************************************	N.D.
Vinyl chioride	1.0	***************************************	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

Julia R. Malerstein Project Manager



1000 Burnett Avenue, Suite 140

Concord, CA 94520 Attention: Tim Quane Client Project ID: Matrix Descript: Mobil#10E6A/100 McArthur Blvd., Oakland

Water

SM 5520 B&F (Gravimetric)

Analysis Method: SM 5520 First Sample #: 111-0609 Sampled:

Nov 13, 1991

Received: Nov 13, 1991

Extracted: Nov 14, 1991

Analyzed: Nov 15, 1991 Reported: Nov 21, 1991

### TOTAL RECOVERABLE PETROLEUM OIL

Sample Sample Oil & Grease
Number Description mg/L
(ppm)

111-0609 MW 1 N.D.

**Detection Limits:** 

5.0

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Julia R. Malerstein Project Manager

nce Client Project ID: Mobil#10E6A/100 McArthur Blvd., Oakland

1000 Burnett Avenue, Suite 140 Concord, CA 94520

Attention: Tim Quane

QC Sample Group: 1110607-9

Reported: Nov 20, 1991

### **QUALITY CONTROL DATA REPORT**

ANALYTE			Ethyl-			_
	Benzene	Toluene	Benzene	Xylenes	Diesel	Oil and Grease
	EPA	EPA	EPA	EPA		
Method:	8015/8020	8015/8020	8015/8020	8015/8020	EPA8015	SM5520
Analyst:	R.H./J.F.	R.H./J.F.	R.H./J.F.	R.H./J.F.	A. Tuzon	D. Newcomb
Reporting Units:	ug/L	ug/L	ug/L	ug/L	ug/L	mg/L
Date Analyzed:	Nov 15, 1991	Nov 15, 1991		Nov 15, 1991	Nov 18, 1991	Nov 15, 1991
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	BLK111591	Matrix Blank
ample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	20	20	20	60	300	100
7.000						
Conc. Matrix		40	40	50	250	93
Spike:	17	16	16	53	250	90
Matrix Spike						
% Recovery:	85	80	80	88	83	93
Conc. Matrix						
Spike Dup.:	- 16	15	15	52	230	92
Matrix Spike						
Duplicate				07	77	92
% Recovery:	80	75	75	87	77	92
Relative						
% Difference:	6.0	6.4	6.4	1.2	9.7	1.0

Laboratory blank contained the following analytes: None Detected

SEGUOIA ANALYTICAL

% Recovery:

Conc. of M.S. - Conc. of Sample x 100

Spike Conc. Added

Relative % Difference:

Conc. of M.S. - Conc. of M.S.D. x 100

(Conc. of M.S. + Conc. of M.S.D.) / 2

Julia R. Malerstein Project Manager

1110607.ALG <5>

1000 Burnett Avenue, Suite 140

Concord, CA 94520 Attention: Tim Quane Client Project ID: Method (units): Mobil#10E6A/100 McArthur Blvd., Oakland

EPA 8010 (µg/L purged)

Analyst(s): M. Nguyen QC Sample #: BLK111991

Q.C. Sample Dates

\_\_\_\_\_\_

Analyzed: Nov 19, 1991 Reported: Nov 20, 1991

# QUALITY CONTROL DATA REPORT

Analyte  1,1-Dichloro- ethene Trichloroethene Benzene	Sample Conc.	Spike Conc. Added	Conc. Matrix Spike	Matrix Spike % Recovery	Conc. Matrix Spike Duplicate	Matrix Spike Duplicate % Recovery	Relative % Difference
	N.D.	10	11	110	12	120	8.7
Trichloroethene	N.D.	10	7.2	72	10	100	33
Benzene	N.D.	10	10	100	9.8	98	2.0
Toluene	N.D.	10	9.1	91	8.9	89	2.2
Chlorobenzene	N.D.	10	8.8	88	11	110	22

Julia R. Malerstein
Ploject Manager

% Recovery:

Conc. of M.S. - Conc. of Sample x 100

Spike Conc. Added

Relative % Difference:

Conc. of M.S. - Conc. of M.S.D. x 100

(Conc. of M.S. + Conc. of M.S.D.) / 2

1110607.ALG <6>

Fax cop	y of	Lab	<u>-</u>									) Y ) N	0								lody-Reco
Bill Mak		Cone	Foalth ultant Pro ultant No uddress	ty Addres oject Nus ime	mber 3 CL+	men Mobile McAr 10-006 on Geo Burner Tim ! 1682-15	thus 3 - c 15 cia H Au Dua	Blud nea	. <u>C</u>	)aklc	ud C	<u>-</u>	Laborator Laborator Samples Collection Signature	y Name y Relea	(Phone	) )e-&	-0 C	1	nalı	ytee	-1
			8		·										e Perfor						
Somple Number	Lab Sample Number	Number of Containers	Metrix S - Soil A - Air W - Water C - Charcool	Type G = Grab C = Composite D = Discrete	1	Sample Preservation	iced (Yes or No)	BIEX + IPH GAS (8020 + 8015)	TPH Diesel (8015)	Oll and Grease (5520)	Purpeable Halocarbons (8010)	Purgeable Aramatics (8020)	Purgeoble Organica (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Nl (ICAP or AA)	701	J-4197	Toc 5520	BEF		Remarks
mw3		.3	ندا	9	17:15	14 c c	145	X									`			-	1110607
mw2		.3	w	9	1:30	HCL	سينا	X													608 A
mwi		9	w	3	2:45	HCL	Wa	X								Х	X	X			609 A
																	-		_		
		 									<u> </u>										
Relinquished By Tatuere Relinquished By	Quea	n.bu	<u> pi</u>	anization Im Te onization	ا سن وه	Octe/Time	2	elved B					Organizat Organizat			/Time			Turn Ar	24 48	ne (Circle Choloe) Hre. Doya
Relinquished By	(Signature)	<u>.</u>	Org	onization		Date/Time					y (Signa				Date	o/Ilmo	165	0		10	Days Ontracted