

ENVIRONMENTAL PROTECTION

98 MAY 21 PM 3:55

**EXXON COMPANY, U.S.A.**

P.O. BOX 4032 • CONCORD, CA 94524-4032  
MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER  
SENIOR ENGINEER

(925) 246-8776  
(925) 246-8798 FAX

P.E. # 1039

May 19, 1998

~~Mr. Barney Chan~~  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Room 250  
Alameda, California 94502-6577

**RE: Exxon RAS #7-0235/2225 Telegraph Avenue, Oakland, California.**

Dear Mr. Chan:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring, First Quarter 1998*, dated April 24, 1998, for the above referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details the results of the quarterly groundwater monitoring activities at the subject site.

If you have any questions or comments, please contact me at (925) 246-8776.

Sincerely,



Marla D. Guensler  
Senior Engineer

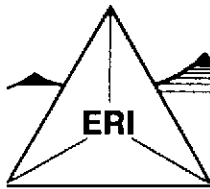
MDG/tjm

Attachment: ERI's Quarterly Groundwater Monitoring Report, First Quarter 1998, dated April 24, 1998

cc: w/ attachment  
Mr. Stephen Hill - California Regional Water Quality Control Board, San Francisco Bay Region

w/o attachment  
Mr. Marc A. Briggs - ERI





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**ENVIRONMENTAL RESOLUTIONS, INC.**

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May 22, 1998  
ERI 222913.R02

Ms. Marla D. Guensler  
Exxon Company, U.S.A.  
P.O. Box 4032  
Concord, California 94524-4032

Subject: Quarterly Groundwater Monitoring, Second Quarter 1998, Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California.

Ms. Guensler:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) performed second quarter 1998 groundwater monitoring at the subject site (Plate 1). The purpose of quarterly monitoring is to evaluate fluctuations in dissolved hydrocarbon concentrations in groundwater and groundwater flow direction and gradient.

#### **GROUNDWATER MONITORING AND SAMPLING**

On April 20, 1998, ERI measured depth to water (DTW) in monitoring wells MW6B, and MW6E through MW6I, and collected groundwater samples from MW6B, MW6E, MW6H, MW6I. MW6A and MW6F are sampled annually and will be sampled in the first quarter 1999.

Based on DTW measurements, the groundwater appears to flow southeast with an average hydraulic gradient of 0.023 (Plate 2). Historical and recent monitoring data are summarized in Table 1.

#### **LABORATORY ANALYSES AND RESULTS**

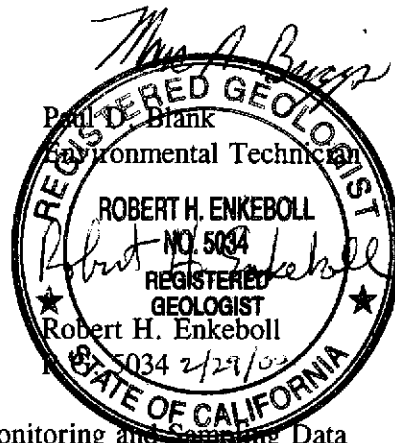
Groundwater samples were submitted to Sequoia Analytical Laboratories (California State Certification Number 1210) in Redwood City, California, under chain of custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), total petroleum hydrocarbons as gasoline (TPHg) using the methods listed in the notes in Table 1. The laboratory analysis reports and chain of custody records are attached (Attachment B). Historical and recent results of laboratory analyses of groundwater samples are summarized in Table 1. The results of analyses of groundwater samples collected during the recent sampling event are shown on Plate 2.

## LIMITATIONS

This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was performed. This report has been prepared for Exxon and any reliance on this report by third parties shall be at such party's sole risk.

If you have any questions or comments regarding this report, please call (415) 382-5988.

Sincerely,  
Environmental Resolutions, Inc.



Enclosures: Table 1: Cumulative Groundwater Monitoring and Sampling Data  
Plate 1: Site Vicinity Map  
Plate 2: Generalized Site Plan  
Attachment A: Groundwater Sampling Protocol  
Attachment B: Laboratory Reports and Chain of Custody Record

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA  
 Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 1 of 2)

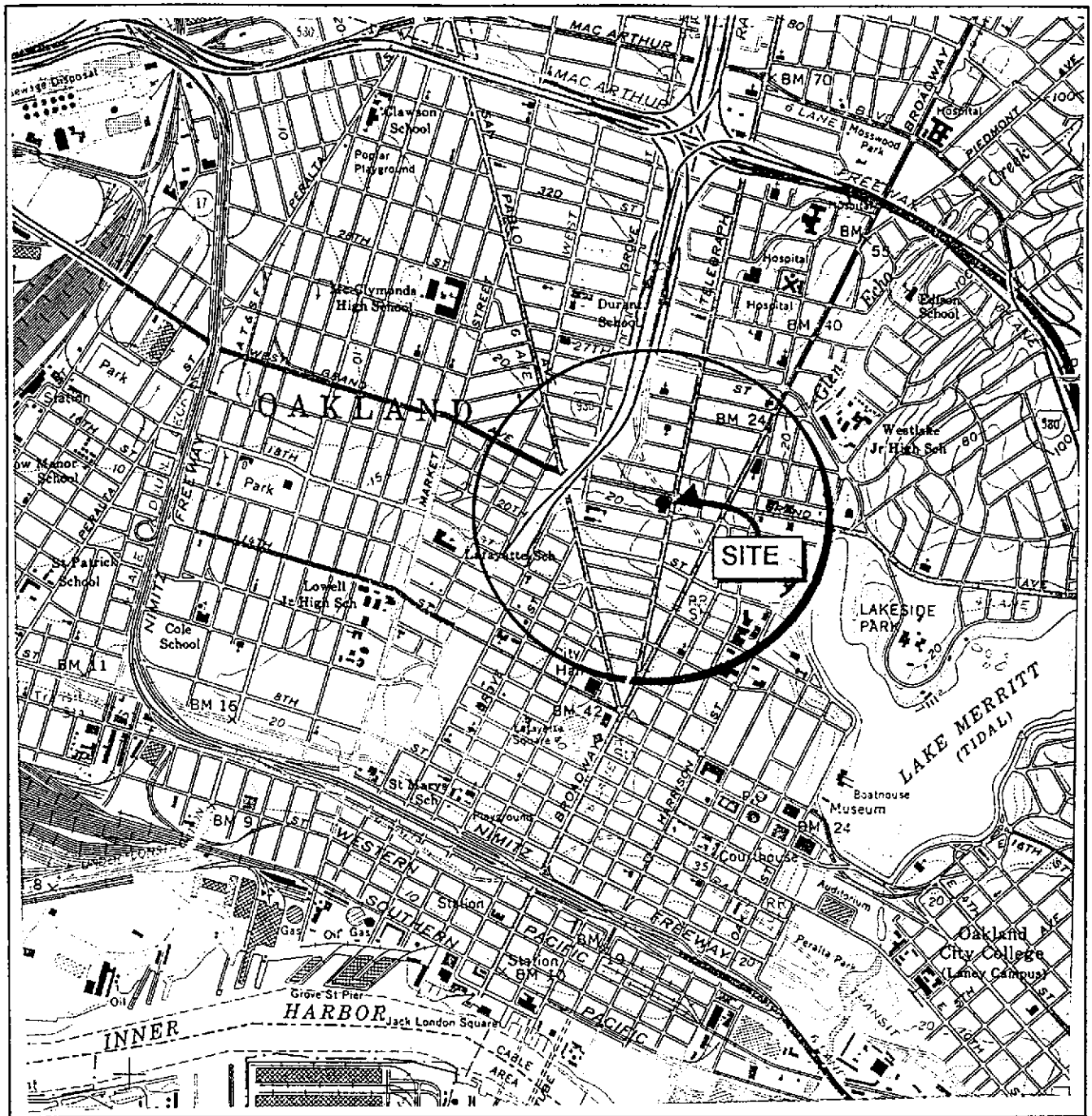
Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPPHg <	B	T ug/L	E	X	MTBE >
MW-6B (17.48)	11/26/96	NLPH	12.26	5.22	<50	<0.5	<0.5	<0.5	<0.5	<30
	2/27/97	NLPH	11.73	5.75	<50	<0.5	<0.5	<0.5	0.80	<30
	5/21/97	NLPH	12.70	4.78	<50	<0.5	<0.5	<0.5	<0.5	<30
	8/18/97	NLPH	12.89	4.59	380	4.3	<0.5	1.2	1.5	<30
	3/13/98	NLPH	11.15	6.33	360	93	4.9	4.1	12	<6.2
	4/20/98	NLPH	11.49	5.99	110	19	1.3	1.5	3.9	5.5
MW-6E (17.63)	11/26/96	NLPH	12.94	4.69	<50	1.1	<0.5	<0.5	<0.5	<30
	2/27/97	NLPH	12.28	5.35	<50	<0.5	<0.5	<0.5	<0.5	<30
	5/21/97	NLPH	13.60	4.03	160	10	1.4	5.5	4.8	<5
	8/18/97	NLPH	13.75	3.88	66	<0.5	<0.5	<0.5	<0.5	<30
	3/13/98	NLPH	11.36	6.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	4/20/98	NLPH	11.88	5.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-6F (18.58)	11/26/96	NLPH	13.29	5.29	<50	<0.5	<0.5	<0.5	<0.5	<30
	2/27/97	---	---	---	---	---	---	---	---	---
	5/21/97	NLPH	14.18	4.40	---	---	---	---	---	---
	8/18/97	NLPH	14.69	3.89	---	---	---	---	---	---
	3/13/98	NLPH	10.93	7.65	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	4/20/98	NLPH	11.77	6.81	---	---	---	---	---	---
MW-6G (16.82)	11/26/96	NLPH	11.12	5.70	<50	<0.5	<0.5	<0.5	<0.5	<30
	2/27/97	---	---	---	---	---	---	---	---	---
	5/21/97	NLPH	11.76	5.06	---	---	---	---	---	---
	8/18/97	NLPH	12.23	4.59	---	---	---	---	---	---
	3/13/98	NLPH	9.13	7.69	<50	<0.5	<0.5	<0.5	<0.5	4.4
	4/20/98	NLPH	9.73	7.09	---	---	---	---	---	---
MW-6H (16.58)	11/26/96	NLPH	11.87	4.71	1,200	320	110	22	85	<30
	2/27/97	NLPH	11.58	5.00	1,800	760	31	8.4	44	<200
	5/21/97	NLPH	12.23	4.35	1,100	640	18	5.4	45	81
	8/18/97	NLPH	12.29	4.29	870	200	3.6	2.4	7.4	26

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0235  
 2225 Telegraph Avenue  
 Oakland, California  
 (Page 2 of 2)

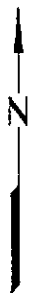
Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. > <	TPPHg > <	B	T ug/L	E	X	MTBE >
MW-6H (cont.) (16.58)	3/13/98	NLPH	11.44	5.14	5,300	1,900	720	100	470	<125
	4/20/98	NLPH	11.58	5.00	6,000	1,500	600	91	440	2,700
MW-6I (16.26)	11/26/96	NLPH	12.45	3.81	<50	<0.5	<0.5	<0.5	<0.5	<30
	2/27/97	NLPH	12.24	4.02	<50	<0.5	<0.5	<0.5	<0.5	<30
	5/21/97	NLPH	12.82	3.44	<50	<0.5	<0.5	<0.5	<0.5	<30
	8/18/97	NLPH	12.81	3.45	<50	<0.5	<0.5	<0.5	<0.5	<30
	3/13/98	---	---	---	---	---	---	---	---	---
	4/20/98	NLPH	12.14	4.12	<50	<0.5	<0.5	<0.5	<0.5	<2.5
RW-1 (16.79)	Not Monitored since 6/16/92									
RW-2 (17.02)	Not Monitored since 6/16/92									
RW-3 (18.04)	Not Monitored since 8/30/94									

Notes:

SUBJ	=	Results of subjective evaluation
NLPH	=	No liquid-phase hydrocarbons present in well
TOC	=	Elevation of top of well casing; relative to mean sea level
DTW	=	Depth to water
Elev.	=	Elevation of groundwater surface; relative to mean sea level
TPPHg	=	Total purgeable petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015 (modified).
BTEX	=	Benzene, Toluene, Ethylbenzene, and total Xylenes using EPA method 5030/8020.
MTBE	=	Methyl tertiary-butyl ether analyzed using EPA method 5030/8020.
<	=	Less than the indicated detection limit shown by the laboratory
---	=	Not measured or sampled
ug/L	=	Micrograms per liter



FN: 22290001



APPROXIMATE SCALE



Source: U.S.G.S. 7.5 minute topographic quadrangle map Oakland West, California (Photorevised 1980)



PROJECT ERI 2229

**SITE VICINITY MAP**

EXXON SERVICE STATION 7-0235  
2225 Telegraph Avenue  
Oakland, California

**PLATE**

1

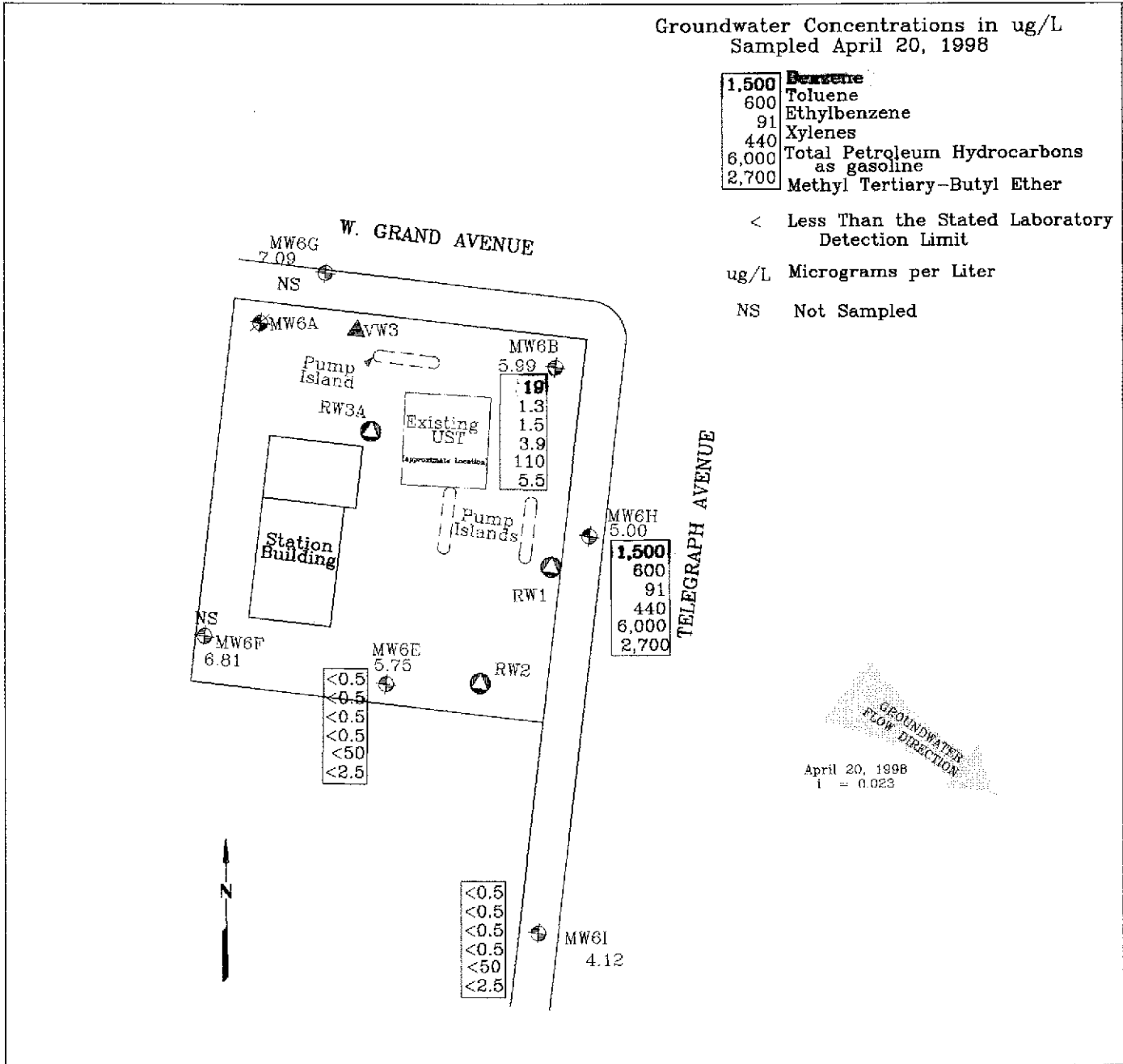
Groundwater Concentrations in ug/L  
 Sampled April 20, 1998

1,500	Benzene
600	Toluene
91	Ethylbenzene
440	Xylenes
6,000	Total Petroleum Hydrocarbons as gasoline
2,700	Methyl Tertiary-Butyl Ether

< Less Than the Stated Laboratory  
 Detection Limit

ug/L Micrograms per Liter

NS Not Sampled

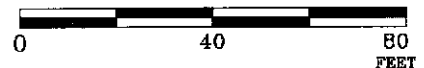


FN 22290002

**EXPLANATION**

- MW6H Groundwater Monitoring Well
- 5.00 Groundwater Elevation in feet above mean sea level
- Recovery Well
- Vapor/Vadose Well

**APPROXIMATE SCALE**



**GENERALIZED SITE PLAN**

EXXON SERVICE STATION 7-0235  
 2225 Telegraph Avenue  
 Oakland, California

**PROJECT NO.**

2229

**PLATE**

2

April 6, 1998

**ATTACHMENT A**  
**GROUNDWATER SAMPLING PROTOCOL**



## GROUNDWATER SAMPLING PROTOCOL

The static water level and separate phase product level, if present, in each well that contained water and/or separate phase product are measured with a MMC Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from wellhead elevations.

Groundwater samples collected for subjective evaluation are collected by slowly lowering approximately half the length of a clean Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable free-phase hydrocarbons or sheen. Any free-phase hydrocarbons are removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until the temperature, pH, and conductivity have stabilized, or until a minimum of three well casing volumes are purged. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples". The quantity of water purged from each well is calculated as follows:

one well casing volume =  $\pi r^2 h (7.48)$  where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water)
7.48	=	conversion constant from cubic feet to gallons
$\pi$	=	3.14

Gallons of water purged/gallons in one well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples are collected with a new, disposable Teflon® bailer. The groundwater is carefully poured into 40-milliliter (ml) glass vials, which are filled so as to produce a positive meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

**ATTACHMENT B**

**LABORATORY REPORTS  
AND CHAIN OF CUSTODY RECORD**

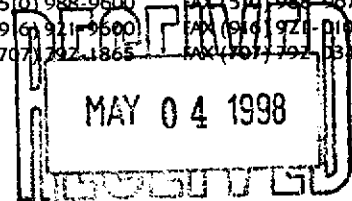


**Sequoia  
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(916) 921-9600 FAX (916) 921-0100  
(707) 792-1865 FAX (707) 792-0312



Environmental Resolutions 74 Digital Drive, Suite 6 Novato, CA 94949 Attention: Marc Briggs	Client Proj. ID: Exxon 7-0235, 222913X Sample Descript: W-12-MW6E Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804D68-01	Sampled: 04/20/98 Received: 04/21/98 Analyzed: 04/26/98 Reported: 05/01/98
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QC Batch Number: GC042698BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		N.D.

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	109

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Richard Herling  
Project Manager





Environmental Resolutions 74 Digital Drive, Suite 6 Novato, CA 94949 Attention: Marc Briggs	Client Proj. ID: Exxon 7-0235, 222913X Sample Descript: W-11-MW6H Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804D68-02	Sampled: 04/20/98 Received: 04/21/98 Analyzed: 04/27/98 Reported: 05/01/98
--	---	---

QC Batch Number: GC042798BTEX02A  
Instrument ID: GCHP02

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

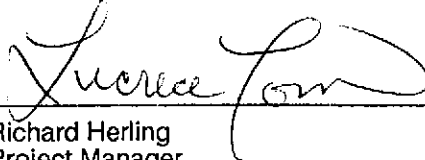
Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	6000
Methyl t-Butyl Ether	100	2700
Benzene	20	1500
Toluene	20	600
Ethyl Benzene	20	91
Xylenes (Total)	20	440
Chromatogram Pattern:		GAS

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 Richard Herling  
 Project Manager





**Sequoia  
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Environmental Resolutions 74 Digital Drive, Suite 6 Novato, CA 94949	Client Proj. ID: Exxon 7-0235, 222913X Sample Descript: W-11-MW6B Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804D68-03	Sampled: 04/20/98 Received: 04/21/98 Analyzed: 04/26/98 Reported: 05/01/98
Attention: Marc Briggs		

QC Batch Number: GC042698BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	110
Methyl t-Butyl Ether	2.5	5.5
Benzene	0.50	19
Toluene	0.50	1.3
Ethyl Benzene	0.50	1.5
Xylenes (Total)	0.50	3.9
Chromatogram Pattern:		GAS

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	103

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

**SEQUOIA ANALYTICAL - ELAP #1210**

Richard Herling  
Project Manager





Environmental Resolutions 74 Digital Drive, Suite 6 Novato, CA 94949	Client Proj. ID: Exxon 7-0235, 222913X Sample Descript: W-12-MW6I Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9804D68-04	Sampled: 04/20/98 Received: 04/21/98 Analyzed: 04/26/98 Reported: 05/01/98
Attention: Marc Briggs		

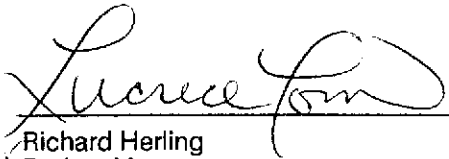
QC Batch Number: GC042698BTEX21A  
Instrument ID: GCHP21

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70                      130	94

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Richard Herling  
Project Manager





# Sequoia Analytical

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MAY 04 1998  
RECEIVED

Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949  
Attention: Marc Briggs

Client Project ID: Exxon 7-0235, 222913X

QC Sample Group: 9804D68-01, 03, 04

Reported: May 1, 1998

## QUALITY CONTROL DATA REPORT

Matrix:	Liquid				
Method:	EPA 8015/8020				
Analyst:	A. MIRAFTAB				
<b>ANALYTE</b>	<b>Benzene</b>	<b>Toluene</b>	<b>Ethylbenzene</b>	<b>Xylenes</b>	<b>BTEX as TPH</b>

QC Batch #: GC042698BTEX21A

Sample No.: GW9804C72-5

Date Prepared:	4/26/98	4/26/98	4/26/98	4/26/98	4/26/98
Date Analyzed:	4/26/98	4/26/98	4/26/98	4/26/98	4/26/98
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30	60
Matrix Spike, ug/L:	10	10	10	30	58
% Recovery:	100	100	100	100	97
<b>Matrix</b>					
Spike Duplicate, ug/L:	10	9.9	9.9	30	49
% Recovery:	100	99	99	100	82
Relative % Difference:	0.0	1.0	1.0	0.0	17
RPD Control Limits:	0-25	0-25	0-25	0-25	0-25

LCS Batch#: GAWBLK042698A

Date Prepared:	4/26/98	4/26/98	4/26/98	4/26/98	4/26/98
Date Analyzed:	4/26/98	4/26/98	4/26/98	4/26/98	4/26/98
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked, ug/L:	10	10	10	30	60
LCS Recovery, ug/L:	10	9.8	10	30	49
LCS % Recovery:	100	98	100	100	82
<b>Percent Recovery Control Limits:</b>					
MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

Please Note:  
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

*Richard Herling*  
Richard Herling  
Project Manager





# Sequoia Analytical

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FAX (916) 921-0100  
FAX (707) 792-0342

Environmental Resolutions  
74 Digital Drive, Suite 6  
Novato, CA 94949  
Attention: Marc Briggs

Client Project ID: Exxon 7-0235, 222913X

QC Sample Group: 9804D68-02

Reported: May 1, 1998

## QUALITY CONTROL DATA REPORT

Matrix: Liquid  
Method: EPA 8015/8020  
Analyst: C. DEMARTINI

ANALYTE	Benzene	Ethylbenzene	Toluene	Xylenes	BTEX as TPH
---------	---------	--------------	---------	---------	-------------

QC Batch #: GC042798BTEX02A

Sample No.: GW9804E16-1

Date Prepared:	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Date Analyzed:	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2

Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30	60

Matrix Spike, ug/L:	9.2	9.4	9.5	29	69
% Recovery:	92	94	95	97	115

Matrix					
Spike Duplicate, ug/L:	9.5	9.7	9.9	30	73
% Recovery:	95	97	99	100	122

Relative % Difference:	3.2	3.1	4.1	3.0	5.9
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RPD Control Limits:	0-25	0-25	0-25	0-25	0-25
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LCS Batch#: GAWBLK042798A

Date Prepared:	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Date Analyzed:	4/27/98	4/27/98	4/27/98	4/27/98	4/27/98
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2

Conc. Spiked, ug/L:	10	10	10	30	60
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LCS Recovery, ug/L:	9.3	9.4	9.6	29	68
LCS % Recovery:	93	94	96	97	113

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Richard Herling  
Project Manager







Sequoia Analytical  
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Redwood City, CA 94063  
(415) 364-9600 • FAX (415) 364-9233

# EXXON COMPANY, U.S.A.

P.O. Box 2180, Houston, TX 77002-7426

## CHAIN OF CUSTODY

<b>Consultant's Name:</b> ENVIRONMENTAL RESOLUTIONS, INC		Page <u>1</u> of <u>1</u>
<b>Address:</b> 74 DIGITAL DR, SUITE 6, NOVATO, CA 94949		<b>Site Location:</b> 2225 TELEGRAPH AVE
<b>Project #:</b>	<b>Consultant Project #:</b> 222913X	<b>Consultant Work Release #:</b> 19802887
<b>Project Contact:</b> MARC BRIGGS	<b>Phone #:</b> (415) 382-5991	<b>Laboratory Work Release #:</b>
<b>EXXON Contact:</b> MARIA GUENSLER	<b>Phone #:</b> (510) 246-8796	<b>EXXON RAS #:</b> 7-0235
<b>Sampled by (print):</b> PAUL BLANK	<b>Sampler's Signature:</b> <i>Paul D. Blank</i>	OAKLAND
<b>Shipment Method:</b>	<b>Air Bill #:</b>	

TAT:  24 hr  48 hr  72 hr  96 hr  Standard (10 day) 9804D68

**ANALYSIS REQUIRED** 21 2

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8020	Temperature: _____
W-12-MW6E	4-20-98	1320	WATER	ICE/HU	3	01	X			X	
W-11-MW6H	↓	1350	↓	↓	↓	02	X			X	
W-11-MW6B	↓	1340	↓	↓	↓	03	X			X	
W-12-MW6I	↓	1350	↓	↓	↓	04	X			X	

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<i>Paul D. Blank</i>	4.21.98	11:15	<i>[Signature]</i> SEQUOIA	4/21	11:15	
<i>[Signature]</i>	4.21.98		<i>[Signature]</i>	4-21	14:24	

Pink - Client  
34  
Yellow - Sequoia  
White - Sequoia



Sequoia  
Analytical

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Environmental Resolutions  
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Novato, CA 94949  
Attention: Marc Briggs

Client Proj. ID: Exxon 7-0235, 222913X

Received: 04/21/98

Lab Proj. ID: 9804D68

Reported: 05/01/98

### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 8 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Richard Herling  
Project Manager

