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

P.O. BOX 4032 • CONCORD, CA 94524-2032

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER  
SENIOR ENGINEER

(510) 246-8776  
(510) 246-8798 FAX

January 18, 1995

Mr. Thomas Peacock  
Alameda County Health Agency  
Division of Hazardous Materials  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

**RE: Exxon RAS #7-0236/6630 East 14th Street, Oakland, CA**

Dear Mr. Peacock:

Attached for your review and comment is a report entitled *Quarterly Groundwater Monitoring Report, Fourth Quarter* for the above referenced site. This report, prepared by Environmental Resolutions, Inc., (ERI), of Novato, California, details the results of the groundwater monitoring and sampling event which occurred in December 1994.

If you have any questions or comments, please contact me at the above listed phone number.

Sincerely,



Marla D. Guensler  
Senior Engineer

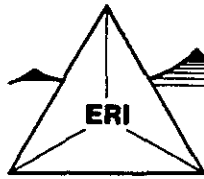
MDG/mdg

enclosure: ERI Quarterly Report dated January 10, 1995

cc: w/attachment:  
Mr. Lester Feldman - San Francisco Bay RWQCB

w/o attachment  
K. Romstad - ERI, Navoto





**ENVIRONMENTAL RESOLUTIONS, INC.**

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January 6, 1995

ERI 2009-1

Ms. Marla Guensler  
Exxon Company, U.S.A.  
P.O. Box 4032  
2300 Clayton Road  
Concord, California 94524

Subject: Quarterly Groundwater Monitoring, Fourth Quarter 1994, Exxon Service Station  
7-0236, 6630 East 14th Street, Oakland, California.

Ms. Guensler:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) performed the fourth quarter 1994 groundwater monitoring event at the subject site (Plate 1). The objectives of groundwater monitoring are to evaluate: groundwater elevations, gradient and flow direction; the presence and thickness of any sheen or liquid phase hydrocarbons; and the distribution of dissolved hydrocarbons in groundwater.

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

On December 14, 1994, ERI measured depth to water in monitoring wells MW1 through MW7, and collected groundwater samples from wells MW1, MW3, MW4, MW5 and MW7 for laboratory analysis. ERI's groundwater sampling protocol is in Appendix A. Sheens were observed in monitoring wells MW2 and MW6.

The groundwater appears to flow south southwestward with a hydraulic gradient of 0.032 (Plate 2). The flow direction beneath the site is consistent with last quarter. Historical and recent monitoring data are summarized in Table 1.

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

Groundwater samples were submitted to Curtis & Tompkins Ltd., Analytical Laboratories (California State Certification Number 1459) in Berkeley, California, under chain of custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, total xylenes, total petroleum hydrocarbons as gasoline (TPHg), and total petroleum hydrocarbons as diesel (TPHd) using the methods listed in the notes in Table 1. The laboratory analysis reports and chain of custody records are in Appendix B.

Cumulative results of laboratory analysis of groundwater samples are summarized in Table 1.

Field work and analytical results of groundwater samples indicate the following:

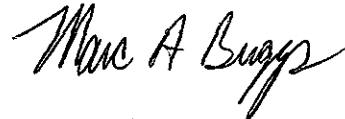
- A sheen was present on the groundwater surface in wells MW2 and MW6.
- TPHg and TPHd were detected in well MW3 at a concentrations of 1,700 parts per billion (ppb) and 190 ppb, respectively;
- Benzene was detected in well MW3 at a concentration of 17 ppb;
- Dissolved gasoline and diesel hydrocarbons were not detected in wells MW1, MW4, MW5, and MW7.

**LIMITATIONS**

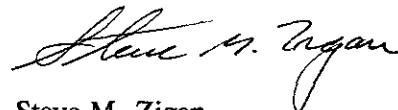
This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was performed. This report has been prepared for Exxon Company, U.S.A. and any reliance on this report by third parties shall be at such party's sole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

Please call (415) 382-5991 with any questions or comments regarding this report.

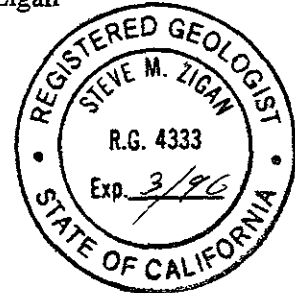
Sincerely,  
Environmental Resolutions, Inc.



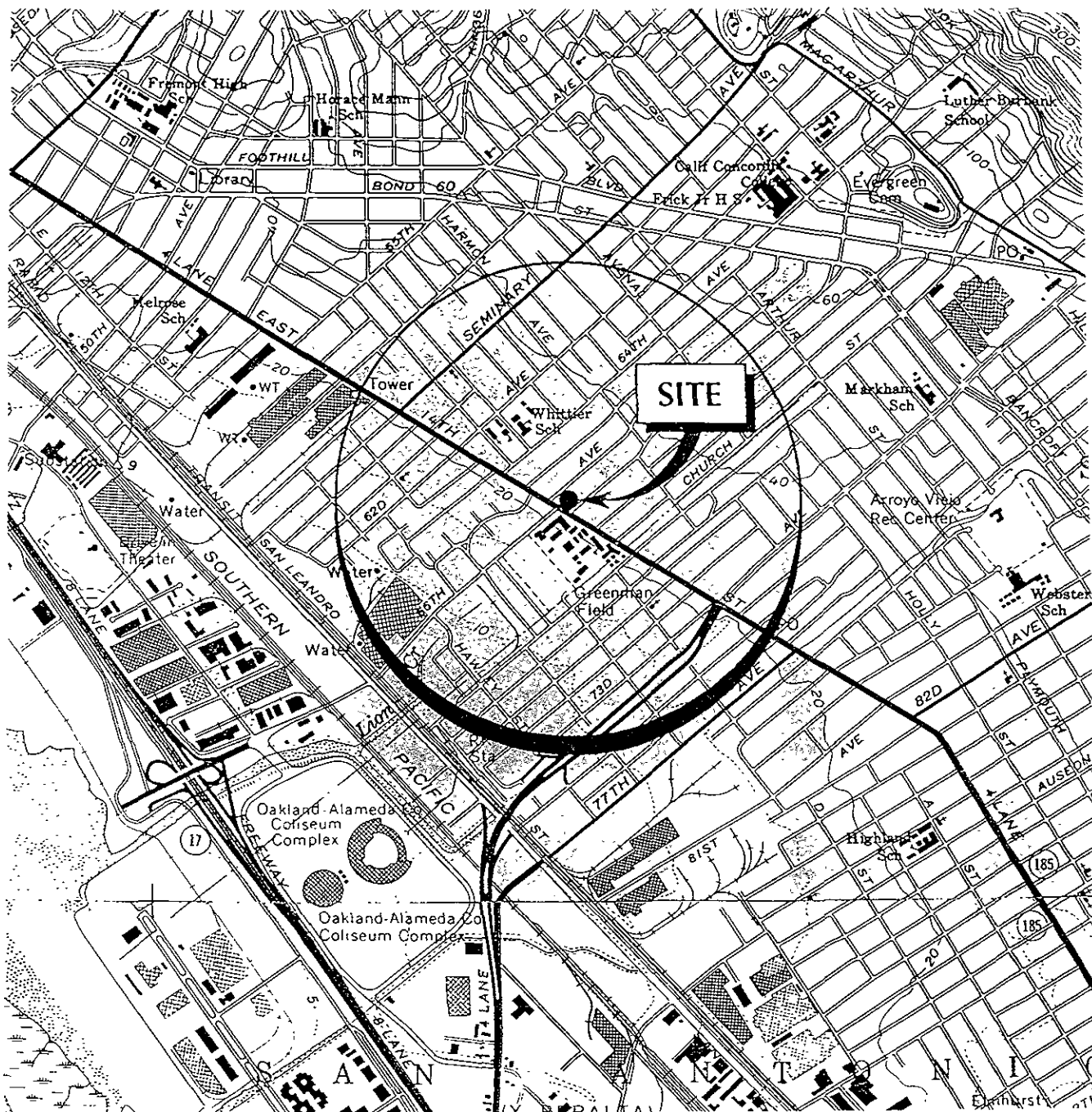
Marc A. Briggs  
Project Manager



Steve M. Zigan  
R.G. 4333



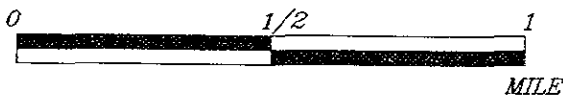
Attachments:	Plate 1:	Site Vicinity Map
	Plate 2:	Generalized Site Plan
	Table 1:	Cumulative Groundwater Monitoring And Sampling Data
	Appendix A:	Groundwater Sampling Protocol
	Appendix B:	Laboratory Analysis Reports and Chain of Custody Records



20090001



APPROXIMATE SCALE



Source: U.S.G.S. 7-5 minute topographic quadrangle map Oakland East and San Leandro, Calif. 1980

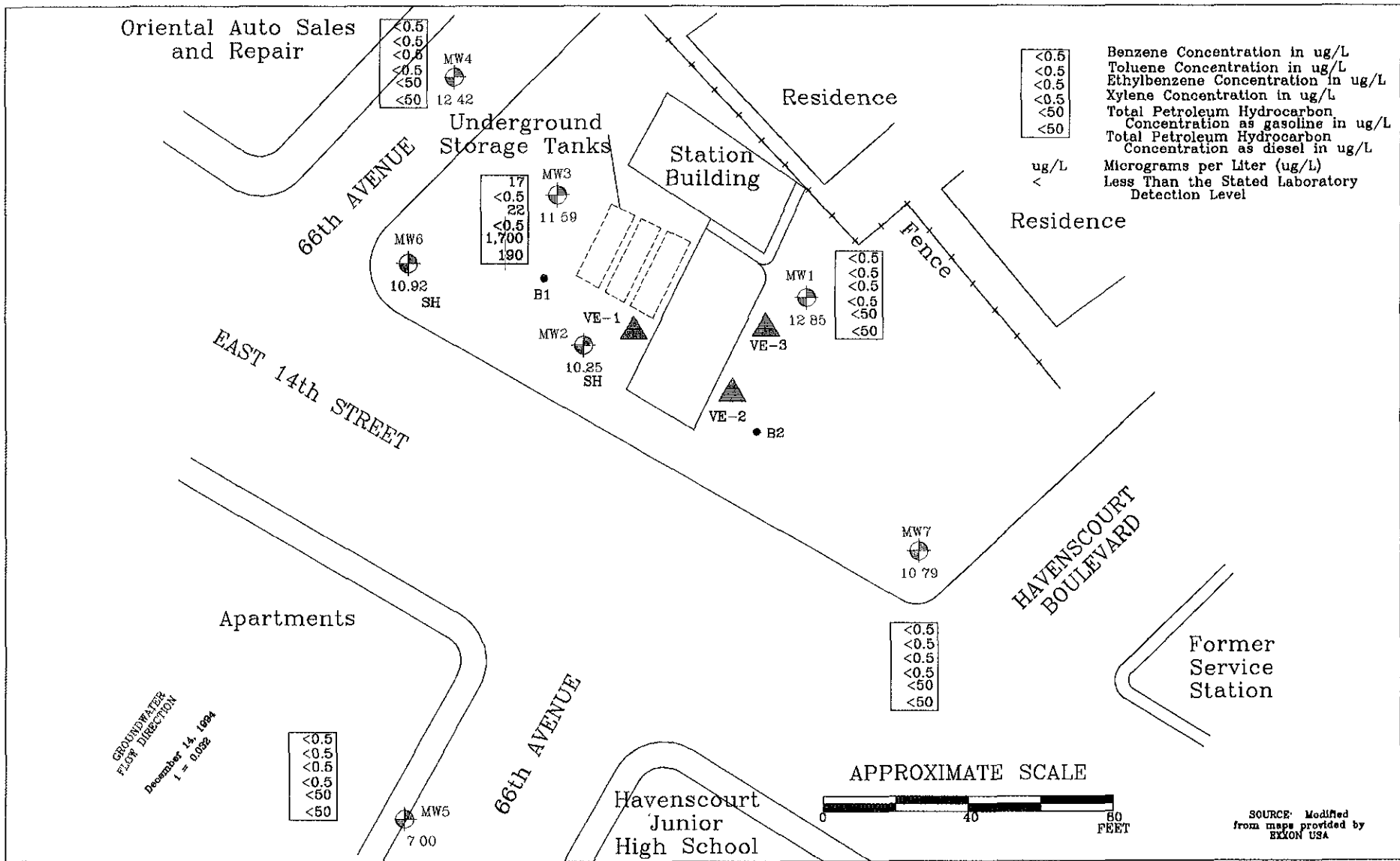


PROJECT ERI 2009-1

**SITE VICINITY MAP**  
 EXXON SERVICE STATION 7-0236  
 6630 East 14th Street  
 Oakland, California

PLATE

1



GROUNDWATER  
FLUX DIRECTION  
December 14, 1994  
L = 0.032

FN 20090002



**GENERALIZED SITE PLAN**  
EXXON SERVICE STATION 7-0236  
6630 E. 14th Street  
Oakland, California

- EXPLANATION**
- MW1  
10.76 Existing Monitoring Well and groundwater elevation
  - VE-3 Vapor Extraction Well
  - B2 Boring Location
  - Sheen



**PROJECT NO.**  
2009

**PLATE**  
2

01/03/95

SOURCE: Modified from maps provided by EXXON USA

TABLE 1  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0236  
 6630 East 14th Street, Oakland, California  
 (Page 1 of 5)

Well ID # (TOC)	Sampling Date	SUBJ < . . . . . >	DTW feet	Elev. > . . . . . <	TPHd < . . . . . >	TPHg parts per billion	B parts per billion	T parts per billion	E parts per billion	X parts per billion
MW1 (20.20)	03/15/91	NR	7.44	12.76	---	<50	<0.3	0.5	0.3	1.3
	01/15/92 (H,T)	NR	10.60	9.60	<300	<50	<0.5	0.7	<0.5	0.9
	03/23/92 (H,T)	NR	6.38	13.82	<50	<50	<0.5	<0.5	<0.5	<0.5
	04/06/92	NR	7.55	12.65	---	---	---	---	---	---
	07/08/92 (H,T)	NR	9.85	10.35	<50	<50	<0.5	<0.5	<0.5	<0.5
	10/13/92 (H,T)	NR	12.95	7.25	<50	<50	<0.5	<0.5	<0.5	<0.5
	03/09/93	NLPH	7.38	12.82	<50	<50	<0.5	<0.5	<0.5	<0.5
	06/04/93	NLPH	8.55	11.65	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/02/93	NLPH	10.85	9.35	<50	<50	<0.5	<0.5	<0.5	<0.5
	11/16/93	NLPH	12.43	7.77	<50	<50	<0.5	<0.5	<0.5	<0.5
	02/04/94	NLPH	9.10	11.10	<50	<50	<0.5	<0.5	<0.5	<0.5
	04/29/94	NLPH	8.45	11.75	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/20/94	NLPH	10.73	9.47	<50	<50	<0.5	<0.5	<0.5	<0.5
	12/14/94	NLPH	7.35	12.85	<50	<50	<0.5	<0.5	<0.5	<0.5
MW2 (19.15)	03/15/91 (H,T)	NR	9.05	10.10	120	1,700	190	2.6	12	64
	01/15/92 (H,T)	NR	11.60	7.55	1,000	6,800	81	<10	320	170
	03/23/92 (H,T)	NR	9.42	9.73	3,000	7,100	740	30	810	490
	04/06/92	NR	9.09	10.06	---	---	---	---	---	---
	07/08/92	NR	10.08	9.07	2,100	7,000	250	14	300	160
	10/13/92	NR	12.06	7.09	1,900	3,200	97	2.6	97	53
	03/09/93	sheen	9.71	9.44	---	---	---	---	---	---
	06/04/93	sheen	9.40	9.75	---	---	---	---	---	---
	09/02/93 (M)	sheen	10.46	8.69	3,700	11,000	210	18	260	59
	11/16/93 (M*)	NLPH	11.44	7.71	3,300	8,500	75	27	51	32
	02/04/94	NLPH	10.41	8.74	2,700	4,400	120	16	22	7.7
	04/29/94 (C,M*)	NLPH	9.51	9.64	2,000	380	5.9	0.6	1.6	<0.5
	09/20/94	NLPH	10.57	8.58	1,800**	19,000	190	29***	110	27***
12/14/94	sheen	8.90	10.25	---	---	---	---	---	---	

See notes on Page 5 of 5

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0236  
 6630 East 14th Street, Oakland, California  
 (Page 2 of 5)

Well ID # (TOC)	Sampling Date	SUBJ < . . . . . >	DTW feet . . . . .	Elev. . . . . .	TPHd < . . . . .	TPHg . . . . .	B parts per billion . . . . .	T . . . . .	E . . . . .	X >
MW3 (19.59)	03/15/91 (H,T)	NR	7.84	11.75	160	3,100	2.2	1.9	100	84
	01/15/92 (H,T)	NR	10.30	9.29	<300	250	0.7	6.8	1.5	1.5
	03/23/92 (H,T)	NR	6.84	12.75	440	640	<0.5	12	25	6.5
	04/06/92	NR	7.84	11.75	---	---	---	---	---	---
	07/08/92 (H,T)	NR	8.63	10.96	960	2,900	<0.5	2.6	12	63.7
	10/13/92 (H)	NR	12.10	7.49	400	1,100	5.5	<0.5	4.6	1.1
	03/09/93	sheen	9.05	10.54	---	---	---	---	---	---
	06/04/93	sheen	8.43	11.16	---	---	---	---	---	---
	09/02/93	NLPH	10.22	9.37	690	840	2.7	3.6	5.4	2.9
	11/16/93	NLPH	11.44	8.15	310	650	<0.5	11	7.7	2.4
	02/04/94	NLPH	9.27	10.32	340	870	0.6	14	1.2	0.8
	04/29/94	NLPH	8.10	11.49	290	790	<0.5	<0.5	0.8	1.0
	09/20/94	NLPH	10.10	9.49	91**	1,900	<0.5	<0.5	11	4.4
	12/14/94	NLPH	8.00	11.59	190**	1,700	17	22	<0.5	<0.5
	MW4 (19.46)	04/06/92	NR	7.76	11.70	<50	<50	<0.5	<0.5	<0.5
07/08/92		NR	9.56	9.90	<50	<50	<0.5	<0.5	<0.5	<0.5
10/13/92		NR	12.09	7.37	<80	<50	<0.5	<0.5	<0.5	<0.5
03/09/93		NLPH	7.53	11.93	<50	<50	<0.5	<0.5	<0.5	<0.5
06/04/93		NLPH	8.50	10.96	<50	<50	<0.5	<0.5	<0.5	<0.5
09/02/93		NLPH	10.30	9.16	<50	<50	<0.5	<0.5	<0.5	<0.5
11/16/93*		---	---	---	---	---	---	---	---	---
02/04/94		NLPH	8.82	10.64	<50	<50	<0.5	<0.5	<0.5	<0.5
04/29/94(D)		NLPH	8.55	10.91	100	<50	<0.5	<0.5	<0.5	<0.5
09/20/94		NLPH	10.21	9.25	<50	<50	<0.5	<0.5	<0.5	<0.5
12/14/94		NLPH	7.04	12.42	<50	<50	<0.5	<0.5	<0.5	<0.5

See notes on Page 5 of 5



**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0236  
 6630 East 14th Street, Oakland, California  
 (Page 3 of 5)

Well ID # (TOC)	Sampling Date	SUBJ < . . . . . >	DTW feet	Elev. > . . . . . <	TPHd < . . . . . >	TPHg parts per billion	B parts per billion	T parts per billion	E parts per billion	X parts per billion
MW5 (16.95)	04/06/92	NR	10.66	6.29	<50	<50	<0.5	<0.5	<0.5	<0.5
	07/08/92*	---	---	---	---	---	---	---	---	---
	10/13/92	NR	15.02	1.93	<50	69	<0.5	<0.5	<0.5	<0.5
	03/09/93	NLPH	10.27	6.68	<50	<50	<0.5	<0.5	<0.5	<0.5
	06/04/93	NLPH	11.35	5.60	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/02/93	NLPH	13.15	3.80	<50	<50	<0.5	<0.5	<0.5	<0.5
	11/16/93	NLPH	14.35	2.60	<50	<50	<0.5	<0.5	<0.5	<0.5
	02/04/94	NLPH	11.83	5.12	60	<50	<0.5	<0.5	<0.5	<0.5
	04/29/94	NLPH	11.15	5.80	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/20/94	NLPH	12.79	4.16	<50	<50	<0.5	<0.5	<0.5	<0.5
12/14/94	NLPH	9.95	7.00	<50	<50	<0.5	<0.5	<0.5	<0.5	
MW6 (18.79)	04/06/92(H)	NR	8.29	10.50	<50	<50	<0.5	<0.5	<0.5	<0.5
	07/08/92(H,T)	NR	9.22	9.57	<50	<50	<0.5	<0.5	<0.5	<0.5
	10/13/92	NR	11.51	7.28	<50	<50	<0.5	<0.5	<0.5	<0.5
	03/09/93	NLPH	8.26	10.53	<50	<50	<0.5	<0.5	<0.5	<0.5
	06/04/93	NLPH	8.90	9.89	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/02/93	NLPH	9.92	8.87	60	<50	<0.5	<0.5	<0.5	<0.5
	11/16/93	NLPH	10.65	8.14	<50	<50	<0.5	<0.5	<0.5	<0.5
	02/04/94	NLPH	9.26	9.53	80	<50	<0.5	<0.5	<0.5	<0.5
	04/29/94	NLPH	8.33	10.46	110	<50	<0.5	<0.5	<0.5	<0.5
	09/20/94	NLPH	9.23	9.56	<50	<50	<0.5	<0.5	<0.5	<0.5
12/14/94	sheen	7.87	10.92	---	---	---	---	---	---	

See notes on Page 5 of 5

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0236  
 6630 East 14th Street, Oakland, California  
 (Page 4 of 5)

Well ID # (TOC)	Sampling Date	SUBJ < . . . . . >	DTW feet . . . . .	Elev. > . . . . .	TPHd < . . . . .	TPHg parts per billion . . . . .	B	T	E	X
MW7 (19.23)	04/06/92	NR	8.34	10.89	<50	<50	<0.5	<0.5	<0.5	<0.5
	07/08/92	NR	10.30	8.93	<50	<50	<0.5	<0.5	<0.5	<0.5
	10/13/92	NR	12.91	6.32	94	670	0.8	<0.5	<0.5	2.5
	03/09/93*	---	---	---	---	---	---	---	---	---
	06/04/93	NLPH	8.68	10.55	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/02/93	NLPH	10.80	8.43	<50	<50	<0.5	<0.5	<0.5	<0.5
	11/16/93	NLPH	12.38	6.85	<50	<50	<0.5	<0.5	<0.5	<0.5
	02/04/94	NLPH	9.28	9.95	<50	<50	<0.5	<0.5	<0.5	<0.5
	04/29/94	NLPH	9.19	10.04	<50	<50	<0.5	<0.5	<0.5	<0.5
	09/20/94	NLPH	10.85	8.38	<50	<50	<0.5	<0.5	<0.5	<0.5
	12/14/94	NLPH	8.44	10.79	<50	<50	<0.5	<0.5	<0.5	<0.5

See notes on Page 5 of 5

**TABLE 1**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
 Exxon Service Station 7-0236  
 6630 East 14th Street, Oakland, California  
 (Page 5 of 5)

Notes:		
NLPH	=	Liquid phase hydrocarbons not present in well
TOC	=	Elevation of top of well casing; related to mean
SUBJ	=	Results of subjective evaluation, liquid phase hydrocarbon thickness (FT) in feetsea level (MSL) sheen = Liquid phase hydrocarbons present as a sheen
NR	=	not recorded
DTW	=	Depth to water
Elev.	=	Elevation of groundwater; relative to MSL
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015
BTEX	=	Benzene, toluene, ethylbenzene, total xylene isomers analyzed using modified EPA method 5030/8020
<	=	Less than the laboratory detection limit
-	=	Not sampled/Not measured
*	=	Well not accessible : well obstructed / wellhead cover damaged / well paved over
**	=	Lighter hydrocarbons contribute to diesel range quantitation
***	=	Results obtained pqst technical holding time (10/08/94) due to dilution requirements
C	=	High boiling point hydrocarbons are present in sample.
D	=	Sample pattern does not match diesel standard pattern.
H	=	EPA Method 8010 compounds not detected at or above their respective laboratory detection limits Exceptions: MW-2, 03/15/91, Methylene chloride detected at 1 ppb MW-3, 03/15/91, Methylene chloride detected at 21 ppb
M	=	Methly tert-butyl ether detected at approximately 2,500 ppb
M*	=	A compound suspected to be Methly tert-butyl ether was present
T	=	Total Oil and Grease (TOG) using EPA Method 5520 not detected at or above the laboratory detection limit of 5,000 ppb.

**APPENDIX A**  
**GROUNDWATER SAMPLING PROTOCOL**

## GROUNDWATER SAMPLING PROTOCOL

The static water level and liquid phase hydrocarbons level, if present, in each well that contained water and/or liquid phase hydrocarbons are measured with a ORS 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.

Water samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon<sup>®</sup> bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples were checked for measurable separate phase hydrocarbon product or sheen. Any liquid phase hydrocarbons is removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until stabilization of the temperature, pH, and conductivity are obtained. A minimum of three well casing volumes are purged before those characteristics stabilized. 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:

1 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

gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well was allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover to at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples were collected with a new, disposable Teflon bailer. Samples were 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<sup>®</sup> 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.

**APPENDIX B**

**LABORATORY ANALYSIS REPORTS  
AND CHAIN OF CUSTODY RECORDS**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878  
2323 Fifth Street, Berkeley, CA 94710. Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Environmental Resolutions, Inc.  
359 Bel Marin Keys Blvd.  
Suite 20  
Novato, CA 94949

Date: 30-DEC-94  
Lab Job Number: 119112  
Project ID: 7-0236  
Location: 6630 E.14th, Oakland

Reviewed by:

*Tracy Bobyca*

Reviewed by:

*Christine E. Schlegel*

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Curtis & Tompkins, Ltd

LABORATORY NUMBER: 119112  
 CLIENT: ENVIRONMENTAL RESOLUTIONS, INC.  
 PROJECT ID: 7-0236  
 LOCATION: 6630 E. 14TH., OAKLAND

DATE SAMPLED: 12/14/94  
 DATE RECEIVED: 12/14/94  
 DATE EXTRACTED: 12/20/94  
 DATE ANALYZED: 12/23/94  
 DATE REPORTED: 12/30/94

Extractable Petroleum Hydrocarbons in Aqueous Solutions  
 California DOHS Method  
 LUFT Manual October 1989

LAB ID	CLIENT ID	DIESEL RANGE (ug/L)	REPORTING LIMIT (ug/L)
119112-2	W-8-MW7	ND	50
119112-4	W-7-MW1	ND	50
119112-6	W-9-MW5	ND	50
119112-8	W-6-MW4	ND	50
119112-10	W-8-MW3	190*	50
	METHOD BLANK	ND	50

ND = Not detected at or above reporting limit.

\* Sample chromatogram does not resemble the diesel standard pattern.

QA/QC SUMMARY:

RPD, %	<1
RECOVERY, %	80





Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 119112  
 CLIENT: ENVIRONMENTAL RESOLUTIONS  
 PROJECT ID: 7-0236  
 LOCATION: 6630 E.14TH., OAKLAND

DATE SAMPLED: 12/14/94  
 DATE RECEIVED: 12/14/94  
 DATE ANALYZED: 12/21,22/94  
 DATE REPORTED: 12/30/94

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions  
 TVH by California DOHS Method/LUFT Manual October 1989  
 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
119112-1	W-BB-MW7	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
119112-2	W-8-MW7	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
119112-4	W-7-MW1	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
119112-6	W-9-MW5	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
119112-8	W-6-MW4	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
119112-10	W-8-MW3	1700	17	ND(0.5)	22	ND(0.5)
	METHOD BLANK	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

QA/QC SUMMARY

RPD, %	
RECOVERY, %	9
	96



119112

# EXXON COMPANY, U.S.A

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

## CHAIN OF CUSTODY

Berkeley, CA, 2323 5th St., 94710  
(510)486-0900

Irvine, CA 2495 Da Vinci, Rd. 92714  
(714)252-9700

Curtis & Tompkins, Ltd.

Consultant's Name: ENVIRONMENTAL Resolution

Page      of     

Address: 359 Bee Marw Keys Blvd, Suisun, Novato

Site Location: 6630 E. 14th GRAD

Project #: 2009-1

Consultant Project #:

Consultant Work Release #: 19432502

Project Contact: MARIE BRIGGS

Phone #: 415 382 9105

Laboratory Work Release #:

EXXON Contact: MARLA Gundersen

Phone #: 510 246-8778

EXXON RAS #: 7-0236

Sampled by (print): PETER PETER

Sampler's Signature: [Signature]

Shipment Method:

Air Bill #:

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

### ANALYSIS REQUIRED

Temperature: \_\_\_\_\_  
Inbound Seal: Yes No  
Outbound Seal: Yes No

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	C & T Sample #	TPH/GAS/BTEX/8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1
W-BB-MW7-1	12/14/1	13:37	Water	Hex/ice	1		X		
W-8-MW7-2		13:41		Hex/ice	3		X		
W-8-MW7		13:43		ice	1			X	
W-BB-MW1-3		13:56		Hex/ice	1		HOLD		
W-7-MW1-4		14:00		Hex/ice	3		X		
W-7-MW1		14:01		ice	1			Y	
W-BB-MW5-5		15:07		Hex/ice	1		HOLD		
W-9-MW5-6		15:06		Hex/ice	3		X		
W-9-MW5		15:08		ice	1			X	
W-BB-MW4-7		14:17		Hex/ice	1		HOLD		
W-6-MW4-8	1/10	14:21	PP	Hex/ice	3		X		

Relinquished by/Affiliation	Date	Time	Accepted/Affiliation	Date	Time	Additional comments
<u>[Signature]</u>	12/14	16:27				

TAN 03 '95 14:58 C&T



# EXXON COMPANY, U.S.A

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

## CHAIN OF CUSTODY

Berkeley, CA, 2323 5th St., 94710  
(510)486-0900

Irvine, CA 2495 Da Vinci, Rd. 92714  
(714)252-9700

Curtis & Tompkins, Ltd.

Consultant's Name: Environmental Resolutions

Page \_\_\_ of \_\_\_

Address: 359 Bol MARIN Keys BLD, SMTC 20 MARATO

Site Location: 6630 E. 14th St OAKLAND

Project #: 2009-1

Consultant Project #:

Consultant Work Release #: 19432502

Project Contact: MARC BRIGGS

Phone #: 415 380 9105

Laboratory Work Release #:

EXXON Contact: MARLA GLENSBORO

Phone #: 510 246 8728

EXXON RAS #: 7-0236

Sampled by (print): PETER PETRO

Sampler's Signature: *P. Petro*

Shipment Method:

Air Bill #:

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

### ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	C & T Sample #	TPH/ GAS/ BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH EPA 418.1	Temperature: _____	Inbound Seal: Yes No	Outbound Seal: Yes No
W-6-MW4-2	12/14	14:02	W/D	ice	1			X				
W-6B-MW3-1		14:41		Hot/ice	1		W/D					
W-8-MW3-10		14:44		Hot/ice	3		X					
W-8-MW3-1	PT	14:46	PP	ice	1			X				

Inquired by/Affiliation	Date	Time	Accepted/Affiliation	Date	Time	Additional comments:
<i>P. Petro</i>	12/14	16:00				

JUN 03 '95 14:59 C&T