

EXXON COMPANY, U.S.A

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

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER
SENIOR ENGINEER

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ALCO
HAZ. INT
95 JAN 31 10:10:00

January 13, 1995

Mr. Barney Chan
Alameda County Health Agency, Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 350
Oakland, CA 94621

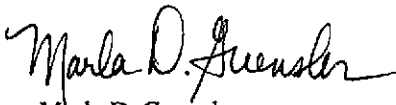
RE: Former Exxon RAS #7-3006/720 High St., Oakland, CA

Dear Mr. Chan:

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

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

Sincerely,



Marla D. Guensler
Senior Engineer

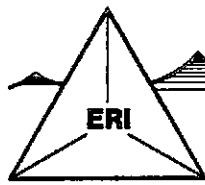
MDG/mdg

attachment: ERI Report Dated January 5, 1995

cc: w/attachment:
Mr. Richard Hiatt - San Francisco Bay Region CRWQCB

w/o attachment:
Mr. Marc Briggs - ERI, Novato





January 5, 1995
ERI Job Number 2010-1

Ms. Marla Guensler
Exxon Company, U.S.A.
P.O. Box 4032
Concord, California 94524-2032

Subject: Quarterly Groundwater Monitoring, Fourth Quarter 1994, Former Exxon Station
7-3006, 720 High Street, Oakland, California.

Ms. Guensler:

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

GROUNDWATER MONITORING AND SAMPLING

On October 25, November 30, and December 27, 1994, ERI measured the depth to water (DTW) in monitoring wells MW1 through MW4, and MW6 through MW15. Monitoring well MW5 was previously destroyed. Groundwater samples from the wells monitored were subjectively analyzed for the presence of liquid phase hydrocarbons. On October 26, 1994, groundwater samples were collected from wells MW1, MW7, MW9, MW10, MW11, and MW14 for laboratory analysis. ERI's groundwater sampling protocol is attached (Appendix A). Wells MW2 through MW4, MW6, MW8, MW12, MW13 and MW15 had a sheen or liquid phase petroleum hydrocarbons (LPH) and therefore were not purged or sampled.

The interpreted groundwater flow direction and gradient during October is shown on Plate 2. 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 total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, total xylenes (BTEX), 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.

Analytical results of groundwater samples collected during the October 25, 1994 sampling event indicate the following:

- LPH or sheen were detected in wells MW2 through MW4, MW6, MW8, MW12, MW13, and MW15;
- TPHg was detected in wells MW7 and MW14 at concentrations up to 1,400 ppb;
- Benzene was detected in well MW7 at a concentration of 51 ppb;
- TPHd was detected in wells MW7 and MW14 at concentrations up to 210 ppb; and,
- Gasoline and diesel hydrocarbons were not detected in wells MW1, MW9, MW10, and MW11.

LIMITATIONS

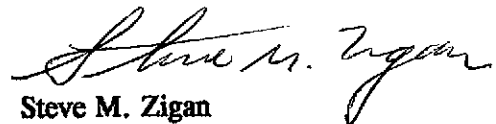
This report was prepared in accordance with generally accepted standards of environmental geological practice in California at the time this investigation was performed. This report has been prepared for Exxon Company, U.S.A. and any reliance on this report by third parties shall be at such party's sole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

If you have any questions or comments regarding this report, please call (415) 382-5991.

Sincerely,
Environmental Resolutions, Inc.



Marc A. Briggs
Project Manager

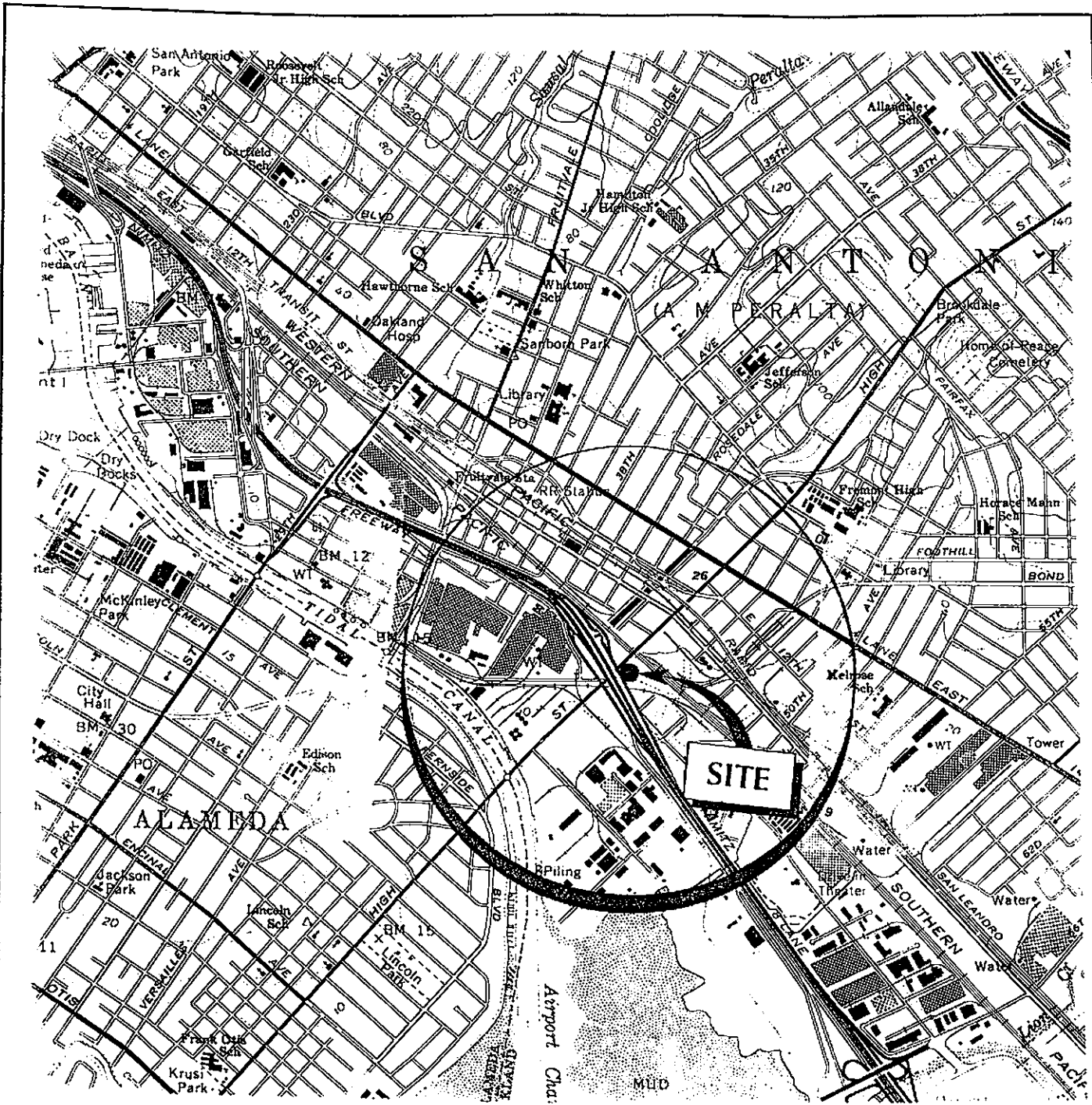


Steve M. Zigan
R.G. 4333

Enclosures: Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan

Table 1: Cumulative Groundwater Monitoring and Sampling Data

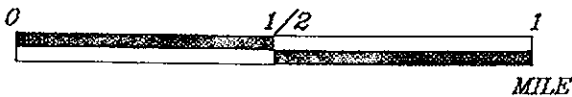
Appendix A: Groundwater Sampling Protocol
Appendix B: Laboratory Analysis Reports and Chain of Custody Records



20100001



APPROXIMATE SCALE



Source: U.S.G.S. 7-5 minute topographic quadrangle map Oakland/San Leandro, California Photorevised 1980

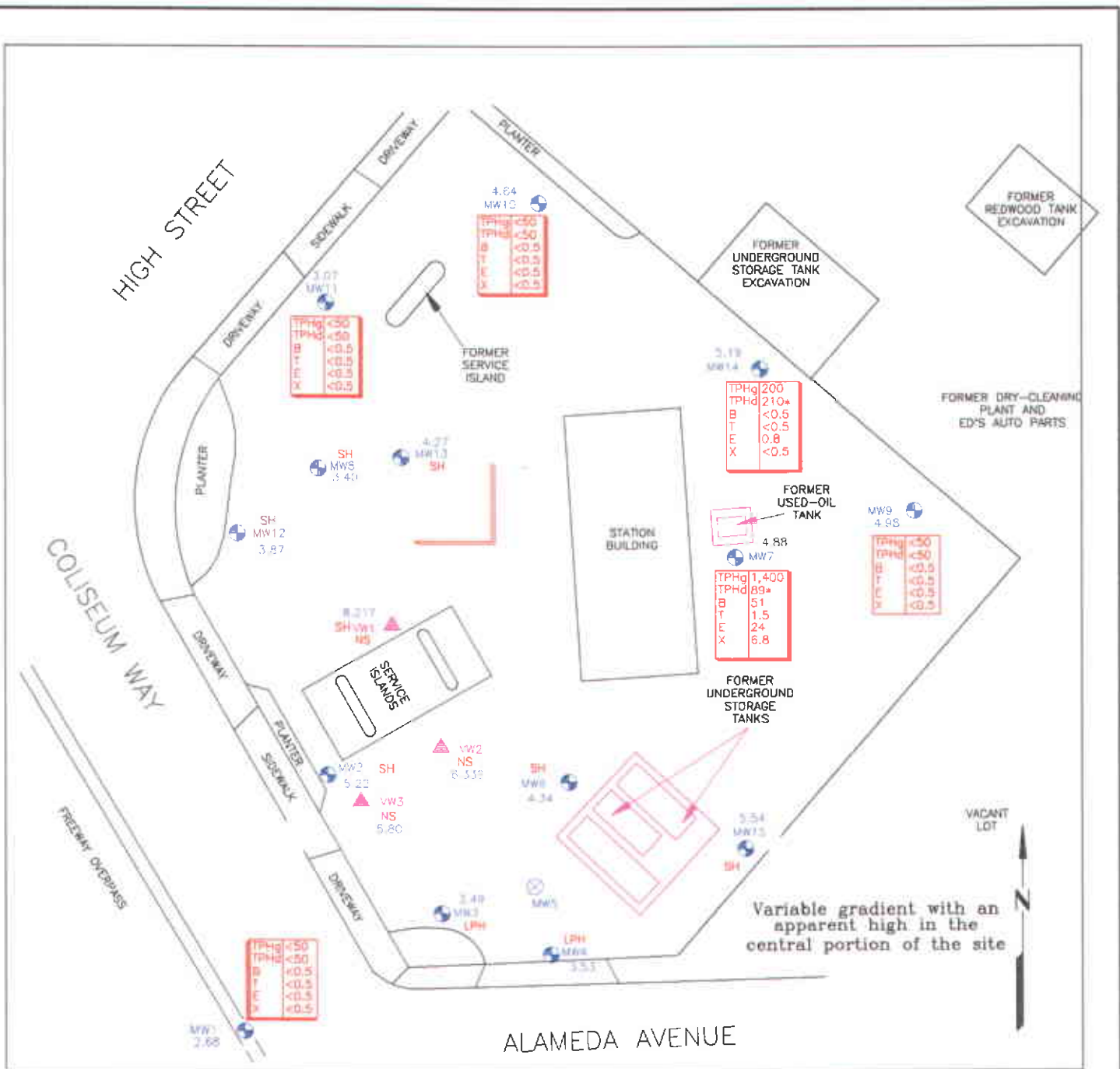


PROJECT ERI 2010-1

SITE VICINITY MAP
 FORMER EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

PLATE

1



FN 20100002

EXPLANATION

- MW15 = Monitoring well (RESNA)
- MW5 = Monitoring well (destroyed) (RESNA)
- VW3 = Vapor well (RESNA, 1993)
- NS = Not sampled
- SH = Sheen
- LPH = Liquid Phase Petroleum Hydrocarbons present

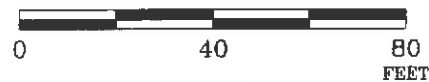
TPHg	1,400
TPHd	210*
B	51
T	1.5
E	2.4
X	6.8

= Concentrations of Petroleum Hydrocarbons in groundwater in parts per billion, October 25 and 26, 1994

5.63 = Elevation of groundwater in feet above mean sea level. (October 25, 1994)

* = Sample chromatogram does not match diesel standard.

APPROXIMATE SCALE



SOURCE:
Modified from a map provided by EXXON U.S.A.

GENERALIZED SITE PLAN

FORMER EXXON STATION 7-3006
720 High Street
Oakland, California

PROJECT NO.

2010

PLATE

2

DATE 11/09/94



TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
 (Page 1 of 31)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev. >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG >
								parts per billion				
MW1 (12.87)	05/88	NM	NM	---	240	90	5	15	25	NA	ND	NA
	04/25/89	NLPH	7.55	5.32#								
	04/27/89	Sheen	10.16	2.71#								
	09/06/89	Sheen	10.88	1.99#								
	09/22/89	NLPH	11.06	1.81#								
	11/01/89	NLPH	10.82	2.05#								
	11/15/89	NLPH	11.07	1.80#								
	12/06/89	NLPH	10.33	2.54	630	12	5.6	3.7	25	240	NA	NA
	02/20/90	NLPH	8.81	4.06#								
	04/19/90	NLPH	9.33	3.54	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/03/90	NLPH	8.44	4.43	130	6	<0.5	<0.5	<0.5	160	NA	NA
	07/26/90	NLPH	8.99	3.88#								
	08/20/90	NLPH	9.50	3.37#								
	09/19/90	NLPH	9.99	2.88#								
	11/27/90	NLPH	10.62	2.25	<50	0.7	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	10.31	2.56#								
	03/26/91	NLPH	7.79	5.08	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	05/02/91	NLPH	8.88	3.99#								
	06/20/91	NLPH	9.62	3.25	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	10.20	2.67#								
	09/17/91	NLPH	10.40	2.47	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	11/13/91	NLPH	10.20	2.67#								
	12/10/91	NLPH	10.23	2.64	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	9.32	3.55#								
	03/25/92	NLPH	9.30	3.57	<50	1.5	<0.5	<0.5	<0.5	<50	NA	NA

See Notes on page 31 of 31

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev. >	TPHg < >	B < >	T < >	E < >	X < >	TPHd < >	VOCs < >	TOG < >
					parts per billion							
MW1 cont. (12.87)	06/22/92	NLPH	8.46	4.41	110	4.9	7.9	3.7	21	75	NA	NA
	09/24/92	NLPH	9.61	3.26	<50	<0.5	0.6	<0.5	<0.5	<50	NA	NA
	10/14/92	NLPH	9.85	3.02#								
	11/16/92	NLPH	9.65	3.22#								
	12/08/92	NLPH	9.30	3.57	170	10	<0.5	<0.5	0.6	51	NA	NA
	01/27/93	NLPH	6.13	6.74#								
	02/18/93	NLPH	6.07	6.80#								
	03/10/93	NLPH	6.12	6.75	<50	<0.5	<0.5	<0.5	<0.5	140	NA	NA
	04/06/93	NLPH	5.84	7.03#								
	05/28/93	NLPH	7.27	5.60#								
	06/10/93	NLPH	7.40	5.47	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	07/17/93	NLPH	8.08	4.79#								
	08/11/93	NLPH	8.54	4.33	<50	<0.5	<0.5	<0.5	<0.5	NA	ND	NA
					NA	<5*	<5*	<5*	<5*	<50 ^p	ND	NA
	09/01/93	NLPH	8.80	4.07#								
	10/26/93	NLPH	9.41	3.46	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/12/93	NLPH	9.48	3.39#								
	12/27/93	NLPH	8.62	4.25#								
	01/20/94	NLPH	9.25	3.62#								
	02/02-03/94	NLPH	8.60	4.27	<50	<0.5	<0.5	<0.5	0.7	70	NA	NA
	03/10/94	NLPH	8.31	4.56#								
	04/22/94	NLPH	7.95	4.92#								
	05/10-11/94	NLPH	7.48	5.39	<50	<0.5	<0.5	<0.5	1.6	100	NA	NA
	06/27/94	NLPH	7.65	5.22#								
	08/31/94	NLPH	9.39	3.48#								
	09/29/94	NLPH	9.83	3.04	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA

See Notes on page 31 of 31

TABLE 1
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
MW1 cont. (12.87)	10/25/94	NLPH	10.19	2.68	< 50	<0.5	<0.5	<0.5	<0.5	< 50	NA	NA
	11/30/94	NLPH	8.97	3.90#								
	12/27/94	NLPH	7.44	5.43#								
MW2 (12.98)	09/87	NM	NM	---	1,445	233	810	56	209	NA	NA	NA
	05/88	LPH	NM	---								
	04/25/89	2.16[NR]	9.27	5.44#								
	07/19/89	1.56[NR]	10.81	3.42#								
	07/27/89	0.13[NR]	10.18	2.90#								
	09/06/89	0.09[NR]	10.89	2.16#								
	09/22/89	0.56[NR]	11.56	1.87#								
	11/01/89	0.09[NR]	10.85	2.20#								
	11/15/89	0.07[NR]	11.05	1.99#								
	12/06/89	0.13[NR]	10.23	2.85#								
	02/20/90	0.29 [NR]	8.86	4.35#								
	04/19/90	0.10 [NR]	9.09	3.97#								
	07/03/90	0.05 [NR]	8.75	4.27#								
	07/26/90	0.10 [NR]	8.71	4.35#								
	08/20/90	0.02 [NR]	9.25	3.75#								
	09/19/90	0.02 [NR]	9.79	3.21#								
	11/27/90	0.07 [NR]	10.40	2.64#								
	01/17/91	0.05 [NR]	10.03	2.99#								
	03/26/91	0.08 [NR]	8.98	4.06#								
	05/02/91	0.02 [NR]	8.73	4.27#								
	06/20/91	0.02 [NR]	9.11	3.89#								
	08/07/91	0.04 [NR]	10.00	3.01#								
	09/17/91	0.02 [NR]	10.11	2.89#								

See Notes on page 31 of 31

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3006

720 High Street, Oakland, California

(Page 4 of 31)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg	B	T	E	X	TPHd	VOCs	TOG >
				 parts per billion							
MW2 cont.	11/13/91	0.02 [NR]	9.88	3.12#								
(12.98)	12/10/91	0.03 [NR]	9.02	3.98#								
	01/21/92	0.03 [NR]	9.08	3.92#								
	03/25/92	0.03 [NR]	6.00	7.00#								
	06/22/92	0.01 [½ c.]	8.46	4.53#								
	09/24/92	Sheen [NR]	9.08	3.90#								
	10/14/92	0.02 [½ c.]	9.34	3.66#								
	11/16/92	0.02 [½ c.]	9.16	3.84#								
	12/08/92	0.02 [½ c.]	8.93	4.07#								
	01/27/93	Sheen	5.76	7.22#								
	02/18/93	0.01 [NR]	4.21	8.78#								
	03/10/93	Sheen	6.75	6.23#								
	04/06/93	Sheen	5.37	7.61#								
	05/28/93	NM [2 c.]	NM	---								
	06/10/93	NM [½ c.]	NM	---								
	07/17/93	NM [2 c.]	NM	---								
	08/11/93	NM [½ c.]	NM	---								
	09/01/93	NM [½ c.]	NM	---								
	10/26/93	Sheen	NM	---								
	11/12/93	NM [NR]	NM	---								
	12/27/93	NM [NR]	NM	---								
	01/20/94	NM [NR]	NM	---								
	02/02-03/94	NM [NR]	NM	---								
	03/10/94	[8 c.]	6.96	6.29#								
	04/22/94	[10 c.]	NM	---								
	05/10-11/94	[5 c.]	NM	---								
	06/27/94	Sheen	7.10	5.88#								
	08/31/94	Sheen	8.58	4.40#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev.	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
MW2 cont. (12.98)	09/29/94	Sheen	9.11	3.87#								
	10/25/94	Sheen	7.76	5.22#								
	11/30/94	NM	7.33	5.65#								
	12/27/94	Sheen	6.77	6.21#								
MW3 (12.92)	09/87	NM [NR]	NM	---	2,101	360	1,062	68	298	660	NA	NA
	05/88	NM [NR]	NM	---	8,700	3,980	280	240	600	NA	NA	NA
	04/25/89	0.08 [NR]	7.57	5.43#								
	07/19/89	0.66 [NR]	10.33	3.14#								
	07/27/89	Not Accessible										
	09/06/89	0.07 [NR]	11.22	1.78#								
	09/22/89	0.28 [NR]	11.38	1.78#								
	11/01/89	0.01 [NR]	10.90	2.05#								
	11/15/89	0.11 [NR]	11.18	1.85#								
	12/06/89	Sheen	10.29	2.65#								
	02/20/90	0.04 [NR]	8.73	4.24#								
	04/19/90	0.09 [NR]	9.20	3.81#								
	07/03/90	0.03 [NR]	8.50	4.46#								
	07/26/90	0.04 [NR]	8.58	4.39#								
	08/20/90	0.01 [NR]	9.21	3.74#								
	09/19/90	0.35 [NR]	10.02	3.20#								
	11/27/90	0.42 [NR]	10.72	2.56#								
	01/17/91	0.10 [NR]	10.05	2.97#								
	03/26/91	0.10 [NR]	7.65	5.37#								
	05/02/91	0.03 [NR]	8.54	4.42#								
	06/20/91	0.03 [NR]	8.89	4.07#								
	08/07/91	0.03 [NR]	9.99	2.97#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg					TPHd	VOCs	TOG	
					B	T	E	X	parts per billion >				
MW3 cont. (12.92)	09/17/91	0.22 [NR]	10.32	2.80#									
	11/13/91	0.24 [NR]	10.14	2.99#									
	12/10/91	0.11 [NR]	10.10	2.93#									
	01/21/92	0.06 [NR]	9.07	3.92#									
	03/25/92	0.04 [NR]	5.96	7.01#									
	06/22/92	0.02 [½ c.]	8.07	4.89#									
	09/24/92	Sheen	9.29	3.65#									
	10/14/92	0.02 [½ c.]	9.49	3.47#									
	11/16/92	0.02 [½ c.]	9.29	3.67#									
	12/08/92	0.02 [½ c.]	9.08	3.88#									
	01/27/93	Sheen	5.65	7.29#									
	02/18/93	Sheen	4.63	8.31#									
	03/10/93	Sheen	5.53	7.41#									
	04/06/93	Sheen	5.10	7.84#									
	05/28/93	Sheen	6.50	6.44#									
	06/10/93	Sheen	6.65	6.29#									
	07/17/93	Sheen	7.03	5.91#									
	08/11/93	Sheen	7.56	5.38		5,100	1,300 2,000*	12 <2.5*	87 160*	47 60*	3,200 140 ^e	ND	NA
	09/01/93	0.01 [NR]	8.20	4.75#									
	10/26/93	Sheen	8.88	4.06#									
	11/12/93	Sheen	8.96	3.98#									
	12/27/93	Sheen	9.03	3.91#									
	01/20/94	Sheen	8.24	4.70#									
	02/02-03/94	Sheen	7.68	5.26#									
	03/10/94	Sheen	7.24	5.68#									
	04/22/94	Sheen	6.79	6.13#									
	05/10-11/94	Sheen	6.43	6.49#									

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TABLE 1
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev.	TPHg < >	B	T	E	X	TPHd	VOCs	TOG >
								parts per billion >				
MW3 cont. (12.92)	06/27/94	0.01 [NR]	6.97	5.95#								
	08/31/94	Sheen	8.41	4.51#								
	09/29/94	Sheen	8.97	3.95#								
	10/25/94	Sheen	9.43	3.49#								
	11/28/94	NM	7.19	5.73#								
	12/27/94	Sheen	6.64	6.28#								
MW4 (12.77)	09/87	NM [NR]	NM	---	92,500	70	7	10	16	740	NA	NA
	05/88	LPH	NM	---								
	04/25/89	0.16 [NR]	7.26	5.64#								
	07/19/89	0.72 [NR]	10.32	3.03#								
	07/27/89	Not Accessible										
	09/06/89	0.07 [NR]	11.40	1.43#								
	09/22/89	0.19 [NR]	11.64	1.28#								
	11/01/89	Sheen	11.00	1.77#								
	11/15/89	0.10 [NR]	11.18	1.67#								
	12/06/89	Sheen	10.25	2.52#								
	02/20/90	NLPH	8.40	4.37#								
	04/19/90	0.03 [NR]	9.04	3.75#								
	07/03/90	Sheen	8.00	4.77#								
	07/26/90	0.04 [NR]	8.57	4.23#								
	08/20/90	0.01 [NR]	9.08	3.70#								
	09/19/90	0.03 [NR]	9.76	3.03#								
	11/27/90	0.09 [NR]	10.83	2.01#								
01/17/91	0.20 [NR]	9.96	2.97#									
03/26/91	0.09 [NR]	6.20	6.64#									
05/02/91	0.04 [NR]	7.50	5.30#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
MW4 cont. (12.77)	06/20/91	0.04 [NR]	7.79	5.01#								
	08/07/91	0.05 [NR]	9.81	3.00#								
	09/17/91	0.10[NR]	10.02	2.83#								
	11/13/91	0.12[NR]	9.90	2.97#								
	12/10/91	0.10[NR]	9.92	2.93#								
	01/21/92	0.08[NR]	9.50	3.33#								
	03/25/92	0.03[NR]	5.01	7.78#								
	06/22/92	0.02 [½ c.]	7.34	5.45#								
	09/24/92	Sheen	9.03	3.74#								
	10/14/92	0.02 [½ c.]	9.27	3.52#								
	11/16/92	0.02 [½ c.]	9.09	3.70#								
	12/08/92	0.02 [½ c.]	10.24	2.55#								
	01/27/93	0.04 [NR]	4.95	7.85#								
	02/18/93	0.01 [NR]	4.89	7.89#								
	03/10/93	Sheen	6.40	6.37#								
	04/06/93	Sheen	4.36	8.41#								
	05/28/93	NM [2 c.]	NM	---								
	06/10/93	NM [2 c.]	NM	---								
	07/17/93	NM [2/5 gal.]	NM	---								
	08/11/93	NM [¼ gal.]	NM	---								
	09/01/93	NM [¼ gal.]	NM	---								
	10/26/93	NM [NR]	NM	---								
	11/12/93	NM [NR]	NM	---								
	12/27/93	NM [NR]	NM	---								
	01/20/94	NM [NR]	NM	---								
	02/02-03/94	NM [1 c.]	NM	---								
	03/10/94	[8 c.]	7.12	5.65#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
					parts per billion >							
MW4 cont. (12.77)	04/22/94	[10 c.]	NM	---								
	05/10-11/94	[5 c.]	NM	---								
	06/27/94	0.01 [NR]	6.50	6.27#								
	08/31/94	0.02 [NR]	7.84	4.93#								
	09/29/94	0.03 [NR]	8.43	4.37#								
	10/25/94	Sheen	9.24	3.53#								
	11/30/94	NM	6.77	6.00#								
	12/27/94	Sheen	6.14	6.63#								
MW5 (8.38)	09/87	NM	NM	---	26,660	560	1,710	1,580	7,150	37,220	NA	NA
	05/88	LPH	NM	---								
	04/25/89	NLPH	8.06	0.32#								
	07/18/89	Well Destroyed										
MW6 (14.27)	05/88	NM	NM	---	29,300	12,820	550	1,440	5,500	NA	NA	NA
	04/25/89	NLPH	8.02	6.25#								
	09/06/89	0.08 [NR]	13.64	0.69#								
	09/22/89	0.07 [NR]	13.79	0.54#								
	11/01/89	Sheen	12.78	1.49#								
	11/15/89	Sheen	12.91	1.36#								
	12/06/89	NLPH	11.84	2.43	9,000	370	13	2.6	430	4,800	NA	NA
	02/20/90	NLPH	9.08	5.19#								
	04/19/90	NLPH	9.72	4.55	27,000	3,000	120	490	2,100	26,000	NA	NA
	07/03/90	NLPH	8.00	6.27	30,000	5,500	1,400	1,200	3,100	13,000	NA	NA
	07/26/90	NLPH	8.70	5.57#								
	08/20/90	NLPH	9.62	4.65#								

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd parts per billion	VOCs	TOG > <
MW6 cont. (14.27)	09/19/90	Sheen	10.25	4.02#								
	11/27/90	Sheen	10.82	3.45	15,000	4,400	120	800	2,300	7,600	NA	NA
	01/17/91	NLPH	9.93	4.34#								
	03/26/91	NLPH	8.45	5.82	55,000	10,000	380	1,600	6,900	<100	NA	NA
	05/02/91	NLPH	8.90	5.37#								
	06/20/91	Sheen	9.47	4.80#								
	08/07/91	Sheen	10.10	4.17#								
	09/17/91	Sheen	10.21	4.06	17,000	4,500	160	890	3,100	NA	NA	NA
	11/13/91	Sheen	9.62	4.65#								
	12/10/91	Sheen	9.59	4.68	32,000	6,000	290	1,400	4,700	1,200	NA	NA
	01/21/92	Sheen	9.25	5.02#								
	03/25/92	NLPH	6.88	7.39	21,000	8,000	250	1,700	5,000	2,700	NA	NA
	06/22/92	NLPH	7.38	6.89	43,000	11,000	150	2,100	5,000	1,700	NA	NA
	09/24/92	NLPH	8.70	5.57	45,000	9,800	270	1,700	3,600	2,000	NA	NA
	10/14/92	Sheen	8.91	5.36#								
	11/16/92	NLPH	8.75	5.52#								
	12/08/92	Sheen	8.51	5.76#								
	01/27/93	NLPH	5.69	8.58#								
	02/18/93	0.10 [1/8 c.]	4.90	9.45#								
	03/10/93	0.05 [1/4 c.]	6.07	8.24#								
	04/06/93	Sheen	4.98	9.29#								
	05/28/93	NM [3 c.]	NM	---								
	06/10/93	NM [3 c.]	NM	---	130,000	9,800	650	5,100	12,000	38,000	NA	23,000
	07/17/93	NM [NR]	NM	---								
	08/11/93	NM [NR]	NM	---								
	09/01/93	NM [1/2 c.]	NM	---								
	10/26/93	NM [NR]	NM	---								
	11/12/93	NM [NR]	NM	---								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg						TPHd	VOCs	TOG
					B	T	E	X	parts per billion				
MW6 cont (14.27)	12/27/93	NM [NR]	NM	---									
	01/20/94	NM [NR]	NM	---									
	02/02-03/94	NM [NR]	NM	---									
	03/10/94	[¼ c.]	7.82	6.45#									
	04/22/94	[10 c.]	NM	---									
	05/10-11/94	[3 c.]	NM	---									
	06/27/94	Sheen	7.77	6.50#									
	08/31/94	Sheen	9.02	5.25#									
	09/29/94	Sheen	9.51	4.76#									
	10/25/94	Sheen	9.93	4.34#									
	11/30/94	NM	8.05	6.22#									
	12/27/94	NM	7.54	6.73#									
MW7 (14.84)	09/87	NM	NM	---	1,531	258	2	<2	42	2,790	ND	NA	
	05/88	NM	NM	---	NA	300*	<10*	<10*	<10*	19	ND	NA	
	04/25/89	NLPH	8.66	6.18#									
	09/06/89	Sheen	11.72	3.12#									
	09/22/89	NLPH	11.89	2.95#									
	12/06/89	NLPH	10.46	4.38	1,700	220	5.3	5	8.6	2,500	ND	<5,000	
	02/20/90	NLPH	8.44	6.40#									
	04/19/90	NLPH	9.54	5.30	2,700	220	8.6	7	20	3,500	ND	NA	
	07/03/90	NLPH	7.45	7.39	2,500	380	13	16	35	910	ND	NA	
	07/26/90	NLPH	8.08	6.76#									
	08/20/90	NLPH	8.82	6.02#									
	09/19/90	NLPH	9.01	5.83#									
	11/27/90	NLPH	9.54	5.30	2,300	630	16	32	29	1,300	2.4 ¹	NA	
	01/17/91	NLPH	8.50	6.34#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev.	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion >			
MW7 cont. (14.84)	03/26/91	NLPH	5.92	8.92	3,500	420	18	17	27	<100	ND	NA
	05/02/91	NLPH	7.72	7.12#								
	06/20/91	NLPH	8.19	6.65	3,100	270	8.8	33	19	<100	NA	NA
	08/07/91	NLPH	8.70	6.14#								
	09/17/91	NLPH	8.77	6.07	2,400	390	10	15	18	NA	NA	NA
	11/13/91	NLPH	8.51	6.33#								
	12/10/91	NLPH	8.58	6.26	1,700	290	5.3	7.1	<0.5	530	NA	NA
	01/21/92	NLPH	8.32	6.52#								
	03/25/92	NLPH	9.27	5.57	1,500	320	7.2	16	19	760	NA	NA
	06/22/92	NLPH	6.97	7.87	3,100	260	5.8	21	27	830	NA	NA
	09/24/92	NLPH	8.00	6.84	3,900	160	4.6	3.7	13	660	NA	NA
	10/14/92	NLPH	8.15	6.69#								
	11/16/92	NLPH	7.92	6.92#								
	12/08/92	NLPH	7.75	7.09	17,000	1,100	35	77	46	540	NA	NA
	01/27/93	NLPH	5.09	9.75#								
	02/18/93	NLPH	4.51	10.33#								
	03/10/93	NLPH	4.78	10.06	3,500	160	6.2	22	19	640	**	<5000
	04/06/93	NLPH	4.48	10.36#								
	05/28/93	NLPH	5.44	9.40#								
	06/10/93	NLPH	5.60	9.24	1,600	140	6.5	22	61	570	NA	NA
07/17/93	NLPH	6.33	8.51#									
08/11/93	NLPH	6.87	7.97	2,700	130	1.3	13	12	370	ND	NA	
					140*	5*	12*	10*	2,000 ^c			
09/01/93	NLPH	7.12	7.72#									
10/26/93	NLPH	7.67	7.17	2,500	90	4.7	6.6	15	1,000	NA	NA	
11/12/93	NLPH	7.69	7.15#									
12/27/93	NLPH	7.42	7.42#									
01/20/94	NLPH	8.67	6.17#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet >	Elev.	TPHg < >	B	T	E	X	TPHd	VOCs	TOG >
								parts per billion				
MW7 cont. (14.84)	02/02-03/94	NLPH	8.47	6.37	2,900	79	5.0	8.2	21	1300	NA	NA 470 ²
	03/10/94	NLPH	8.24	6.60#								
	04/22/94	NLPH	7.95	6.89#								
	05/10-11/94	NLPH	7.53	7.31#	2,400	88	5.6	5.2	15	1,300	NA	NA 1,400 ²
	06/27/94	NLPH	8.01	6.83#								
	08/31/94	NLPH	9.19	5.65#								
	09/29/94	NLPH	9.65	5.19	1,900	71	3.1	3.5	7.8	56	NA	NA
	10/25/94	NLPH	9.96	4.88	1,400	51	1.5	24	6.8	89 ⁷	NA	NA
	11/30/94	NM	7.78	7.06#								
	12/27/94	NM	7.51	7.33#								
	MW8 (13.45)	09/87	NM	NM	—	1,325	81	74	42	182	NA	NA
05/88		LPH	NM	—								
04/25/89		0.66 [NR]	8.31	5.67#								
07/19/89		1.25 [NR]	10.97	3.48#								
07/27/89		0.08 [NR]	10.34	3.17#								
09/06/89		0.17 [NR]	11.09	2.50#								
09/22/89		0.36 [NR]	11.58	2.16#								
11/01/89		NLPH	11.03	2.42#								
11/15/89		0.01 [NR]	11.25	2.21#								
12/06/89		Sheen	10.30	3.15	42,000	2,600	630	210	3,700	34,000	NA	NA
02/20/90		0.01 [NR]	8.00	5.46#								
04/19/90		NLPH	8.50	4.95	49,000	2,100	820	1,100	4,800	53,000	NA	NA
07/03/90		NLPH	7.55	5.90	44,000	4,000	1,500	2,000	6,300	32,000	NA	NA
07/26/90		NLPH	7.86	5.59#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
					parts per billion >							
MW8 cont. (13.45)	08/20/90	NLPH	8.92	4.53#								
	09/19/90	NLPH	9.55	3.90#								
	11/27/90	0.01 [NR]	10.29	3.17#								
	01/17/91	Sheen	9.97	3.48#								
	03/26/91	Sheen	8.45	5.00#								
	05/02/91	Sheen	8.85	4.60#								
	06/20/91	Sheen	9.45	4.00#								
	08/07/91	Sheen	10.00	3.45#								
	09/17/91	Sheen	10.11	3.34	57,000	14,000	7,800	3,100	12,000	NA	NA	NA
	11/13/91	Sheen	9.63	3.82#								
	12/10/91	Sheen	9.66	3.79	66,000	9,500	5,000	3,100	12,000	1,400	NA	NA
	01/21/92	Sheen	9.35	4.10#								
	03/25/92	Sheen	8.02	5.43#								
	06/22/92	Sheen	7.01	6.44#								
	09/24/92	Sheen	8.33	5.12#								
	10/14/92	Sheen	8.65	4.80#								
	11/16/92	Sheen	8.27	5.18#								
	12/08/92	Sheen	8.25	5.20#								
	01/27/93	Sheen	5.22	8.23#								
	02/18/93	Sheen	4.27	9.18#								
	03/10/93	Sheen	5.30	8.15#								
	04/06/93	Sheen	4.56	8.89#								
	05/28/93	Sheen	5.62	7.83#								
	06/10/93	Sheen	5.75	7.70#								
	07/17/93	Sheen	6.43	7.02#								
	08/11/93	Sheen	6.99	6.46	53,000	4,200	1,300	2,600	7,200	2,600	ND	NA
						4,900*	1,600*	3,300*	8,200*	370 ⁶		
	09/01/93	Sheen	7.33	6.12#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG < >
MW8 cont. (13.45)	10/26/93	Sheen	7.98	5.47#								
	11/12/93	Sheen	8.07	5.38#								
	12/27/93	NM	NM	—								
	01/20/94	Sheen	8.90	4.55#								
	02/02-03/94	Sheen	8.58	4.87#								
	03/10/94	NLPH	7.16	6.29#								
	04/22/94	Sheen	7.34	6.11#								
	05/10-11/94	Sheen	7.04	6.41#								
	06/27/94	Sheen	6.01	7.44#								
	08/31/94	Sheen	9.26	4.19#								
	09/29/94	Sheen	9.76	3.72#								
	10/25/94	Sheen	10.05	3.40								
	11/30/94	NM	7.68	5.77#								
	12/27/94	Sheen	7.11	6.34#								
MW9 (14.64)	05/88	NM	NM	—	<50	<0.5	1	<1	<1	NA	ND	NA
	04/25/89	NLPH	8.25	6.39#								
	09/06/89	Not Accessible										
	09/22/89	Not Accessible										
	12/06/89	NLPH	10.12	4.52	100	1.8	3.7	1.4	8.8	110	ND	<5000
	02/20/90	NLPH	9.38	5.26#								
	04/19/90	NLPH	9.40	5.25	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/03/90	NLPH	8.79	5.85	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/26/90	NLPH	8.70	5.94#								
	08/20/90	NLPH	9.09	5.55#								
	09/19/90	NLPH	9.52	5.12#								
11/27/90	NLPH	9.89	4.75	<50	<0.5	<0.5	<0.5	<0.5	<100	ND	NA	

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. >	TPHg								VOCs	TOG
					parts per billion									
					B	T	E	X	TPHd					
MW9 cont. (14.64)	01/17/91	Not Accessible												
	03/26/91	Not Accessible												
	05/02/91	NLPH	9.10	5.54#										
	06/20/91	NLPH	8.76	5.88	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA		
	08/07/91	NLPH	9.37	5.27#										
	09/17/91	NLPH	9.57	5.07	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA		
	11/13/91	NLPH	9.46	5.18#										
	12/10/91	NLPH	9.30	5.34	<50	<0.5	<0.5	<0.5	<0.5	52	NA	NA		
	01/21/92	NLPH	9.68	4.96#										
	03/25/92	NLPH	8.93	5.71	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	06/22/92	NLPH	7.45	7.19	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	09/24/92	NLPH	8.69	5.95	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	10/14/92	NLPH	8.83	5.81#										
	11/16/92	NLPH	8.80	5.84#										
	12/08/92	NLPH	8.70	5.94	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	01/27/93	NM	NM	—										
	02/18/93	NLPH	9.22	5.42#										
	03/10/93	NLPH	5.25	9.39	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	04/06/93	NLPH	5.07	9.57#										
	05/28/93	NLPH	6.08	8.56#										
	06/10/93	NLPH	6.27	8.37	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	07/17/93	NLPH	7.09	7.55#										
	08/11/93	NLPH	7.60	7.04	<50	<0.5	<0.5	<0.5	<0.5	<50	ND	NA		
						<5*	<5*	<5*	<5*	<50 ²				
	09/01/93	NLPH	7.95	6.69#										
	10/26/93	NLPH	8.44	6.20	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA		
	11/12/93	NLPH	8.44	6.20#										
	12/27/93	NLPH	8.37	6.27#										

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
					parts per billion >							
MW9 cont. (14.64)	01/20/94	NM	NM	--								
	02/02-03/94	NM	NM	--								
	03/10/94	NLPH	6.90	7.74#								
	04/22/94	NLPH	7.38	7.26#								
	05/10-11/94	NLPH	6.96	7.68#								
	06/27/94	NLPH	7.65	6.99#								
	08/31/94	NLPH	8.87	5.77#								
	09/29/94	NLPH	9.19	5.45	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/25/94	NLPH	9.66	4.98	<50	<.05	<0.5	<0.5	<0.5	<50	NA	NA
	11/30/94	NM	8.38	6.26#								
	12/27/94	NLPH	7.29	7.35#								
MW10 (14.05)	12/06/89	NLPH	10.46	3.59	320	3.7	14	5.6	32	<100	NA	NA
	02/20/90	NLPH	8.12	5.93#								
	04/19/90	NLPH	8.54	5.51	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/03/90	NLPH	7.88	6.17	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/26/90	NLPH	8.19	5.86#								
	08/20/90	NLPH	10.33	3.72#								
	09/19/90	NLPH	9.49	4.56#								
	11/27/90	NLPH	9.89	4.16	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	9.19	4.86#								
	03/26/91	NLPH	7.48	6.57	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	05/02/91	NLPH	8.16	5.89#								
	06/20/91	NLPH	8.75	5.30	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	9.53	4.52#								
	09/17/91	NLPH	9.72	4.33	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
11/13/91	NLPH	10.02	4.03#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG > <
						parts per billion						
MW10 cont. (14.05)	12/10/91	NLPH	9.12	4.93	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	8.31	5.74#								
	03/25/92	NLPH	5.70	8.35	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	7.50	6.55	<50	<0.5	0.6	<0.5	0.8	<50	NA	NA
	09/24/92	NLPH	8.68	5.37	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/14/92	NLPH	8.88	5.17#								
	11/16/92	NLPH	8.70	5.35#								
	12/08/92	NLPH	8.31	5.74	<50	<0.5	<0.5	<0.5	0.9	<50	NA	NA
	01/27/93	NLPH	5.49	8.56#								
	02/18/93	NLPH	4.26	9.79#								
	03/10/93	NLPH	5.40	8.65	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	04/06/93	NLPH	5.28	8.77#								
	05/28/93	NLPH	6.22	7.83#								
	06/10/93	NLPH	6.49	7.56	<50	<0.5	0.6	0.7	1.2	<50	NA	NA
	07/17/93	NLPH	6.79	7.26#								
	08/11/93	NLPH	7.20	6.85	<50	<0.5	<0.5	0.5	1.4	<50	ND	NA
						<5*	<5*	<5*	<5*	<50*		
	09/01/93	NLPH	8.03	6.02#								
	10/26/93	NLPH	8.38	5.67	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/12/93	NLPH	8.49	5.56#								
	12/27/93	NLPH	8.22	5.83#								
	01/20/94	NLPH	8.40	5.65#								
	02/02-03/94	NLPH	8.00	6.05	<50	<0.5	1.0	<0.5	1.8	<50	NA	NA
03/10/94	NLPH	7.56	6.49#									
04/22/94	NLPH	7.35	6.70#									
05/10-11/94	NLPH	7.06	6.99	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
06/27/94	NLPH	7.59	6.46#									
08/31/94	NLPH	8.73	5.32#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion >			
MW10 cont. (14.05)	09/29/94	NLPH	9.07	4.98	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/25/94	NLPH	9.41	4.64	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/30/94	NM	7.62	6.43#								
	12/27/94	NLPH	7.01	7.04#								
MW11 (13.55)	12/06/89	NLPH	10.62	2.93	78	5.9	6.3	<0.5	48,000	<100	NA	NA
	02/20/90	NLPH	9.20	4.35#								
	04/19/90	NLPH	9.80	3.75	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/03/90	NLPH	8.90	4.65	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/26/90	NLPH	9.36	4.19#								
	08/20/90	NLPH	9.90	3.65#								
	09/19/90	NLPH	10.39	3.16#								
	11/27/90	NLPH	10.97	2.58	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	10.76	2.79#								
	03/26/91	NLPH	8.80	4.75	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	05/02/91	NLPH	9.38	4.17#								
	06/20/91	NLPH	10.16	3.39	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	10.69	2.86#								
	09/17/91	NLPH	10.80	2.75	<50	<0.5	0.7	<0.5	<0.5	NA	NA	NA
	11/13/91	NLPH	10.44	3.11#								
	12/10/91	NLPH	10.48	3.07	<50	0.7	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	10.10	3.45#								
	03/25/92	NLPH	7.30	6.25	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	9.02	4.53	84	1.5	3.1	1.4	9.6	57	NA	NA
09/24/92	NLPH	9.91	3.64	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
10/14/92	NLPH	10.11	3.44#									
11/16/92	NLPH	9.79	3.76#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
MW11 cont. (13.55)	12/08/92	NLPH	9.77	3.78	<50	<0.5	<0.5	<0.5	<0.5	310	NA	NA
	01/27/93	NLPH	5.67	7.88#								
	02/18/93	NLPH	5.06	8.49#								
	03/10/93	NLPH	6.40	7.15	<50	<0.5	<0.5	<0.5	<0.5	240	NA	NA
	04/06/93	NLPH	6.42	7.13#								
	05/28/93	NLPH	7.65	5.90#								
	06/10/93	NLPH	7.80	5.75	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	07/17/93	NLPH	8.42	5.13#								
	08/11/93	NLPH	8.87	4.68	<50	0.5 <5*	0.7 <5*	1.2 <5*	2.7 <5*	<50 <50 ²	ND	NA
	09/01/93	NLPH	9.09	4.46#								
	10/26/93	NLPH	9.70	3.85	<50	<0.5	<0.5	<0.5	<0.5	80	NA	NA
	11/12/93	NLPH	9.72	3.83#								
	12/27/93	NLPH	9.56	3.99#								
	01/20/94	NLPH	9.61	3.94#								
	02/02-03/94	NLPH	9.56	3.99	<50	<0.5	1.0	<0.5	0.9	160	NA	NA
	03/10/94	NLPH	8.59	4.96#								
	04/22/94	NLPH	8.47	5.08#								
	05/10-11/94	NLPH	8.12	5.43	<50	<0.5*	<0.5	<0.5	3.2	100 ⁷	NA	NA
	06/27/94	NLPH	8.65	4.90#								
	08/31/94	NLPH	9.80	3.75#								
09/29/94	NLPH	10.16	3.39	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
10/25/94	NLPH	10.48	3.07	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	
11/30/94	NM	8.55	5.00#									
12/27/94	NLPH	7.98	5.57#									

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
MW12 (12.61)	12/06/89	NLPH	8.00	4.61	85,000	6,700	6,300	1,800	7,800	4,000	NA	NA
	02/20/90	NLPH	6.33	6.28#								
	04/19/90	NLPH	7.18	5.43	110,000	6,600	7,400	1,800	11,000	97,000	NA	NA
	07/03/90	NLPH	7.41	5.20	92,000	11,000	11,000	3,100	13,000	50,000	NA	NA
	07/26/90	NLPH	6.54	6.07#								
	08/20/90	NLPH	7.23	5.38#								
	09/19/90	NLPH	7.77	4.84#								
	11/27/90	NLPH	8.15	4.46	69,000	11,000	10,000	3,100	12,000	NA	NA	
	01/17/91	NLPH	8.06	4.55#								
	03/26/91	NLPH	7.21	5.40	100,000	15,000	16,000	2,400	11,000	<100	NA	NA
	05/02/91	Sheen	7.60	5.01#								
	06/20/91	Sheen	8.02	4.59#								
	08/07/91	Sheen	8.25	4.36#								
	09/17/91	Sheen	8.20	4.41	82,000	22,000	18,000	3,900	16,000	NA	NA	NA
	11/13/91	Sheen	7.77	4.84#								
	12/10/91	Sheen	7.75	4.86	99,000	18,000	16,000	3,000	11,000	1,700	NA	NA
	01/21/92	Sheen	7.08	5.53#								
	03/25/92	Sheen	4.93	7.68#								
	06/22/92	Sheen	6.04	6.57#								
	09/24/92	NLPH	6.94	5.67	570,000	62,000	46,000	15,000	57,000	3,100	NA	NA
	10/14/92	Sheen	7.21	5.40#								
	11/16/92	Sheen	7.00	5.61#								
	12/08/92	Sheen	6.70	5.91#								
	01/27/93	Sheen	4.16	8.45#								
	02/18/93	Sheen	4.01	8.60#								
	03/10/93	Sheen	3.94	8.67#								
	04/06/93	Sheen	3.69	8.92#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion >			
MW12 cont (12.61)	05/28/93	Sheen	4.66	7.95#								
	06/10/93	Sheen	4.78	7.83#								
	07/17/93	Sheen	5.42	7.19#								
	08/11/93	Sheen	5.83	6.78	94,000	10,000	8,300	2,800	13,000	2,400	ND	NA
						13,000*	11,000*	4,000*	15,000*	190*		
	09/01/93	Sheen	6.22	6.39#								
	10/26/93	NLPH	6.82	5.79	68,000	11,000	8,500	3,400	13,000	17,000	NA	NA
	11/12/93	NLPH	6.88	5.73#								
	12/27/93	NLPH	8.04	4.57#								
	01/20/94	NLPH	7.81	4.80#								
	02/02-03/94	NLPH	7.22	5.39	48,000	4,000	2,700	2,900	9,900	18,000	NA	NA
	03/10/94	NLPH	6.16	6.45#								
	04/22/94	NLPH	6.31	6.30#								
	05/10-11/94	NLPH	6.16	6.45	46,000	3,000*	1,600	2,900	9,100	8,200	NA	NA
	06/27/94	NLPH	6.55	6.06#								
	08/31/94	NLPH	7.97	4.64#								
	09/29/94	Sheen	8.52	4.09#								
	10/25/94	Sheen	8.74	3.87#								
11/30/94	NM	8.73	3.88#									
12/30/94	NLPH	6.17	6.44#									
MW13 (14.20)	12/06/89	NLPH	9.35	4.85	52,000	2,100	2,000	1,400	6,100	31,000	NA	NA
	02/20/90	NLPH	7.73	6.47#								
	04/19/90	NLPH	8.68	5.52	59,000	1,800	1,500	1,400	7,200	54,000	NA	NA
	07/03/90	NLPH	8.00	6.20	53,000	4,500	3,100	2,200	7,800	26,000	NA	NA
	07/26/90	NLPH	7.95	6.25#								
	08/20/90	NLPH	8.66	5.54#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	parts per billion				TPHd	VOCs	TOG >
						B	T	E	X			
MW13 cont. (14.20)	09/19/90	NLPH	9.13	5.07#								
	11/27/90	NLPH	9.49	4.71	20,000	4,500	1,100	880	3,300	1,600	NA	NA
	01/17/91	NLPH	9.61	4.59#								
	03/26/91	NLPH	9.25	4.95	72,000	10,000	8,300	1,700	6,900	<100	NA	NA
	05/02/91	NLPH	9.31	4.89#								
	06/20/91	NLPH	9.73	4.47	44,000	5,600	3,100	750	2,600	<100	NA	NA
	08/07/91				Not Accessible							
	09/17/91	NLPH	9.72	4.48	40,000	11,000	6,500	2,400	8,100	NA	NA	NA
	11/13/91	NLPH	9.06	5.14#								
	12/10/91	NLPH	9.04	5.16	72,000	11,000	7,400	2,500	9,400	3,700	NA	NA
	01/21/92	NLPH	8.41	5.79#								
	03/25/92	Sheen	5.72	8.48#								
	06/22/92	Sheen	7.31	6.89#								
	09/24/92	NLPH	8.30	5.90	86,000	9,500	6,100	2,400	10,000	2,900	NA	NA
	10/14/92	Sheen	8.56	5.64#								
	11/16/92	Sheen	8.36	5.84#								
	12/08/92	Sheen	8.10	6.10#								
	01/27/93	NM	NM	--								
	02/18/93	Sheen	4.89	9.31#								
	03/10/93	Sheen	5.32	8.88#								
	04/06/93	Sheen	5.10	9.10#								
	05/28/93	Sheen	6.00	8.20#								
	06/10/93	Sheen	6.15	8.05#								
07/17/93	Sheen	6.82	7.38#									
08/11/93	Sheen	7.31	6.89	62,000	5,600	2,700	2,300	11,000	2,500	NA	ND	
					7,700*	3,700*	3,500*	14,000*	360*			
	09/01/93	Sheen	7.62	6.58#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion			
MW13 cont. (14.20)	10/26/93	NLPH	8.22	5.98	46,000	5,200	3,200	2,500	11,000	15,000	NA	NA
	11/12/93	NLPH	8.29	5.91#								
	12/27/93	NM		—								
	01/20/94	NLPH	9.08	5.12#								
	02/02-03/94	NLPH	8.75	5.45	41,000	3,800	1,500	2,700	9,500	8,100	NA	NA
	03/10/94	Sheen	7.46	6.74#								
	04/22/94	Sheen	7.78	6.42#								
	05/10-11/94	NLPH	7.61	6.59	39,000	3,400	930	2,400	8,900	15,000	NA	NA
	06/27/94	NLPH	7.97	6.23								
	08/31/94	NLPH	9.21	4.99								
	09/29/94	NLPH	9.61	4.59	57,000	2,100	470	2,600	8,100	320	NA	NA
	10/25/94	Sheen	9.93	4.27								
	11/30/94	NM	8.16	6.04#								
	12/27/94	NM	7.61	6.59#								
MW14 (15.18)	11/27/90	NLPH	9.88	5.30	390	<0.5	<0.5	3.6	3.7	120	NA	NA
	01/17/91	NLPH	9.13	6.05#								
	03/26/91	NLPH	8.51	6.67	200	<0.5	1.5	0.8	3.6	<100	NA	NA
	05/02/91	NLPH	8.45	6.73#								
	06/20/91	NLPH	8.38	6.80	110	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	09/17/91	NLPH	9.14	6.04	450	<0.5	<0.5	3.2	2.3	NA	NA	NA
	11/13/91	NLPH	8.83	6.35#								
	12/10/91	NLPH	8.90	6.28	71	0.5	<0.5	<0.5	<0.5	280	NA	NA
	01/21/92	NLPH	8.58	6.60#								
	03/25/92	NLPH	6.15	9.03	61	<0.5	<0.5	1.1	<0.5	640	NA	NA
	06/22/92	NLPH	7.70	7.48	140	<0.5	<0.5	0.6	2	350	NA	NA
	09/24/92	NLPH	9.34	5.84	75	<0.5	<0.5	<0.5	<0.5	300	NA	NA

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion			
MW14 cont. (15.18)	10/14/92	NLPH	9.40	5.78#								
	11/16/92	NLPH	9.17	6.01#								
	12/08/92	NLPH	8.89	6.29	350	2.5	1.0	1.5	8.1	220	NA	NA
	01/27/93	NLPH	8.54	6.64#								
	02/18/93	NM	NM	—								
	03/10/93	NLPH	5.55	9.63	410	<0.5	<0.5	0.9	1.6	<250 ²	NA	NA
	04/06/93	NLPH	5.34	9.84#								
	05/28/93	NLPH	6.07	9.11#								
	06/10/93	NLPH	6.30	8.88	180	<0.5	<0.5	0.8	1.9 <500 ³	180	NA	NA
	07/17/93	NLPH	7.77	7.41#								
	08/11/93	NLPH	7.62	7.56	180	0.6 <5 ⁴	<0.5 <5 ⁴	1.6 <5 ⁴	3.7 <5 ⁴	180 140 ⁶	ND	NA
	09/01/93	NLPH	8.09	7.09#								
	10/26/93	NLPH	8.18	7.00	260	<0.5	<0.5	<0.5	3.6	200	NA	NA
	11/12/93	NLPH	8.16	7.02#								
	12/27/93	NLPH	7.95	7.23#								
	01/20/94	NM	NM	—								
	02/02-03/94					Not Accessible						
	03/10/94	NLPH	7.84	7.34#								
	04/22/94	NLPH	8.00	7.18#								
	05/10-11/94	NLPH	7.93	7.25	300	2.7	7.9	2.0	27	1,100 ⁷	NA	NA 210 ²
06/27/94	NLPH	8.19	6.99#									
08/31/94	NLPH	9.44	5.74#									
09/29/94	NLPH	9.82	5.36	300	<0.5	<0.5	0.9	1.3	1,600 ⁷	NA	NA	
10/25/94	NLPH	9.99	5.19	200	<0.5	<0.5	0.8	<0.5	210 ⁷	NA	NA	

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG > <
					parts per billion							
MW14 cont. (15.18)	11/30/94	NM	8.16	6.61#								
	12/27/94	Sheen	8.15	7.03#								
MW15 (13.73)	11/27/90	NLPH	8.67	5.06	2,700	210	5.5	600	250	340	NA	NA
	01/17/91	NLPH	8.03	5.70#								
	03/26/91				Not Accessible							
	05/02/91	NLPH	7.09	6.64#								
	06/20/91	NLPH	7.06	6.67	380	<0.5	<0.5	<0.5	1.3	<100	NA	NA
	08/07/91	NLPH	7.59	6.14#								
	09/17/91	NLPH	7.89	5.84	490	2.9	1.7	33	1.3	NA	NA	NA
	11/13/91	NLPH	9.07	4.66#								
	12/10/91	NLPH	8.60	5.13	1,600	14	1.1	66	9.8	300	NA	NA
	01/21/92	NLPH	9.15	4.58#								
	03/25/92	NLPH	8.10	5.63	3,400	150	13	690	250	1,400	NA	NA
	06/22/92	NLPH	5.80	7.93	6,600	99	<0.5	670	180	860	NA	NA
	09/24/92	NLPH	7.21	6.52	3,600	120	7	480	47	740	NA	NA
	10/14/92	NLPH	7.40	6.33#								
	11/16/92	NLPH	7.55	6.18#								
	12/08/92	NLPH	7.42	6.31	1,600	43	1.6	170	23	430	NA	NA
	01/27/93	NLPH	4.37	9.36#								
	02/18/93	Sheen	4.14	9.59#								
	03/10/93	Not Accessible										
	04/06/93	Sheen	3.16	10.57#								
05/28/93	NLPH	4.47	9.26#									
06/10/93	Sheen	4.59	9.14#									
07/17/93	NLPH	5.51	8.22#									
08/11/93	Sheen	6.13	7.60	4,800	49	<2.5	410	34	710	ND	NA	

See Notes on page 31 of 31

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street, Oakland, California
(Page 27 of 31)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
						70*	<5*	640*	26*	300 ^e		
MW15 cont. (13.73)	09/01/93	Sheen	6.45	7.28#								
	10/26/93	NLPH	7.16	6.57	3,400	79	<2.5	115	32	970	NA	NA
	11/12/93	NLPH	7.82	5.91#								
	12/27/93	NLPH	7.50	6.23#								
	01/20/94	NLPH	7.48	6.25#								
	02/02-03/94	NLPH	7.30	6.43	4,300	24	6.7	170	26	1,200	NA	NA
	03/10/94	NLPH	7.32	6.41#								
	04/22/94	NLPH	6.67	7.06#								
	05/10-11/94	NLPH	5.81	7.92	3,900	16	<0.5	150	13	1,400	NA	NA
	06/27/94	NLPH	6.14	7.59#								
	08/31/94	NLPH	7.20	6.53#								
	09/29/94	NLPH	7.76	5.97	2,500	51	15	48	3.6	420	NA	NA
	10/25/94	Sheen	8.19	5.54#								
	11/30/94	NM	8.57	5.16#								
	12/27/94	NLPH	6.49	7.24#								
VW1 (14.01)	02/18/93	NLPH	4.52	9.49#								
	03/10/93	NLPH	5.25	8.76#								
	04/06/93	NLPH	5.06	8.95#								
	05/28/93	NLPH	5.52	8.49#								
	06/10/93	NLPH	5.62	8.39#								
	07/17/93	NLPH	6.23	7.78#								
	08/11/93	Dry										
	09/01/93	Dry										
	10/26/93	Dry										
	11/12/93	Dry										

See Notes on page 31 of 31

TABLE 1
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
 (Page 28 of 31)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
VW1 cont. (14.01)	12/27/93	NM	NM	---								
	01/20/94	Dry										
	02/02-03/94	NLPH	5.58	8.43#								
	03/10/94	NLPH	6.19	7.82#								
	04/22/94	NLPH	5.96	8.05#								
	05/10-11/94	NLPH	5.66	8.35#								
	06/27/94	NLPH	5.99	8.02#								
	08/31/94	NLPH	3.92	10.09#								
	09/29/94	NM	NM	---								
	10/25/94	Sheen	5.80	8.21								
	11/30/94	NM	6.21	7.80								
	12/27/94	NM	NM	---								
VW2 (14.09)	02/18/93	NLPH	4.41	9.68#								
	03/10/93	NLPH	5.17	8.92#								
	04/06/93	NLPH	5.04	9.05#								
	05/28/93	NLPH	5.46	8.63#								
	06/10/93	NLPH	5.60	8.49#								
	07/17/93	NLPH	6.38	7.71#								
	08/11/93	NLPH	7.90	6.19#								
	09/01/93	0.01	7.31	6.79#								
	10/26/93	Dry										
	11/12/93	Dry										
	12/27/93	Dry										
	01/20/94	NLPH	7.75	6.34#								
	02/02-03/94	Dry										
	03/10/94	NLPH	6.85	7.24#								

See Notes on page 31 of 31

TABLE 1
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
 (Page 29 of 31)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
VW2 cont. (14.09)	04/22/94	NLPH	7.30	6.79#								
	05/10-11/94	NLPH	7.20	6.89#								
	06/27/94	NLPH	7.29	6.80#								
	08/31/94	NLPH	7.75	6.34#								
	09/29/94	NM	NM	--								
	10/25/94	NLPH	7.76	6.33								
	11/30/94	NM	7.77	6.32								
	12/27/94	NM	NM	--								
VW3 (13.37)	02/18/93	NLPH	4.62	8.69#								
	03/10/93	NLPH	4.41	8.90#								
	04/06/93	NLPH	4.10	9.21#								
	05/28/93	NLPH	4.98	8.33#								
	06/10/93	NLPH	4.98	8.33#								
	07/17/93	NLPH	5.57	7.74#								
	08/11/93	NLPH	7.69	5.62#								
	09/01/93	0.01	6.78	6.54#								
	10/26/93	Dry										
	11/12/93	Dry										
	12/27/93	NLPH	7.24	6.13#								
	01/20/93	NLPH	7.49	5.88#								
	02/02-03/94	NLPH	7.15	6.22#								
	03/10/94	NLPH	6.21	7.16#								
	04/22/94	NLPH	6.34	7.03#								
	05/10-11/94	NLPH	5.92	7.45#								
	06/27/94	NLPH	6.66	6.71#								
	08/31/94	NLPH	7.55	5.82#								

See Notes on page 31 of 31

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
 (Page 30 of 31)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
										parts per billion		
VW3 cont.	09/29/94	NM	NM	--								
(13.37)	10/25/94	NLPH	7.57	5.80								
	11/30/94	NM	6.97	6.40								
	12/27/94	NM	NM	--								

Cumulative Product Removed to date (December 27, 1994) = 776 ounces or 97 cups

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street, Oakland, California
 (Page 31 of 31)

Notes:			
SUBJ	= Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet	NA	= Not Analyzed
LPH	= Liquid-phase hydrocarbons present, thickness not measured	—	= Not Applicable
NLPH	= No liquid phase hydrocarbons present in well	<	= Less than the indicated detection limit shown by the laboratory
TOC	= Elevation of top of well casing; relative to mean sea level	#	= Well monitored but not sampled
DTW	= Depth to water	1	= Chloromethane
Elev.	= Elevation of groundwater. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].	2	= Analyzed for Stoddard Solvent using EPA method 5030/8015.
[]	= amount recovered	3	= Additional Analysis on MW1 - Fecal Coliform Most Probable Number (MPN)/100 ml.
gal.	= gallons	4	= VOCs Detected using EPA Method 624 - 16,000 ppb Benzene, 480 ppb Toluene, 4,500 ppb Ethylbenzene, 9,900 ppb total Xylenes.
c.	= cups		VOCs Detected using EPA Method 625 - 1,800 ppb Naphthalene, 600 ppb 2-Methylnaphthalene, Bis(2-ethylhexyl) phthalate
TPHg	= Total petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015.	5	= Stoddard Solution detected in the sample at approximately 320 ppb
BTEX	= Benzene, Toluene, Ethylbenzene, and total Xylenes analyzed using modified EPA method 5030/8020.	6	= Analyzed for Stoddard Solvent using modified EPA method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern.
TPHd	= Total petroleum hydrocarbons as diesel analyzed using EPA method 3510/8015.		= Department of Health Services, State of California, October 1990
VOCs	= Volatile organic compounds analyzed using EPA method 624.	DHS	= Sample pattern does not match the diesel standard pattern
TOG	= Total oil and grease analyzed using Standard Method 5520.	7	= A peak eluting earlier than benzene and suspected to be methyl tert-butyl ether was present
*	= Analyzed using EPA method 624 (volatile organic compounds).	8	
**	= See Table 3 for additional Analysis		
NR	= No liquid-phase hydrocarbons removed from well		
NM	= Not Measured		
ND	= Not Detectable		

APPENDIX 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 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[®] 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 separate phase product 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. 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, and 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[®] 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

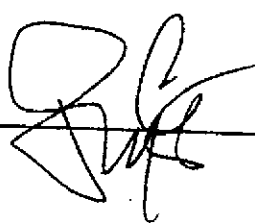
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900


ANALYTICAL REPORT

Prepared for:

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

Date: 04-NOV-94
Lab Job Number: 118165
Project ID: 7-3006
Location: 720 High St., Oakland

Reviewed by: 

Reviewed by: 

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Curtis & Tompkins, Ltd.

LABORATORY NUMBER: 118165
 CLIENT: Environmental Resources, Inc.
 PROJECT ID: 7-3006
 LOCATION: 720 High St., Oakland

DATE SAMPLED: 10/26/94
 DATE RECEIVED: 10/26/94
 DATE ANALYZED: 10/27/94
 DATE REPORTED: 11/07/94

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)
118165-3	W-10-MW14	200	ND(0.5)	ND(0.5)	0.8	ND(0.5)
118165-6	W-10-MW7	1,400	51	1.5	2.4	6.8
118165-8	W-BB-MW1	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
118165-9	W-10-MW1	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
118165-12	W-9-MW10	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
118165-15	W-10-MW11	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
118165-18	W-10-MW9	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	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, %	1
RECOVERY, %	85



LABORATORY NUMBER: 118165
 CLIENT: Environmental Resources, Inc.
 PROJECT ID: 7-3006
 LOCATION: 720 High St., Oakland

DATE SAMPLED: 10/26/94
 DATE RECEIVED: 10/26/94
 DATE EXTRACTED: 11/01/94
 DATE ANALYZED: 11/02/94
 DATE REPORTED: 11/07/94

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)
118165-1	W-10-MWD9	ND	50
118165-4	W-10-MWD14	210*	50
118165-7	W-10-MWD7	89*	50
118165-10	W-10-MWD1	ND	50
118165-13	W-9-MWD10	ND	50
118165-16	W-10-MWD11	ND	50
	METHOD BLANK	ND	50

ND = Not detected at or above reporting limit. Reporting limit applies to all analytes.

* Sample chromatogram does not resemble diesel standard.

QA/QC SUMMARY:

RPD, %	
RECOVERY, %	20
	90



11/8/65

EXXON COMPANY, U.S.A

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

CHAIN OF CUSTODY

Berkeley, CA, 2323 6th St., 94710
(510)486-0900

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

Curtis & Tompkins, Ltd.

Consultant's Name: ERI ENVIRONMENTAL RESOLUTIONS INC

Page 1 of 2

Address: 359 BEL MARIN KEYS BLVD SUITE 20, NALTA CA

Site Location: 720 High St OAKLAND

Project #: 2010-01

Consultant Project #:

Consultant Work Release #: 19432503

Project Contact: MARK BRIGGS

Phone #: 415 382 9105

Laboratory Work Release #:

EXXON Contact: MARIA GUENZLER

Phone #: 510-246-8768

EXXON RAS #: 7-3006

Sampled by (print): PETER PETRO

Sampler's Signature: [Signature]

Shipment Method:

Air Bill #: [Signature]

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-10-MWD9	11/26	12:32	H ₂ O	ICE	2			X					
W-BB-MW14		12:45		ICE	1		Hold						
W-10-MW14		12:48		ICE	4		X						
W-10-MWD14-4		12:51		ICE	2			X					
W-BB-MW7-5		1:03		ICE	1		Hold						
W-10-MW7-5-6		1:06		ICE	4		X						
W-10-MWD7-7		1:09		ICE	2			X					

Relinquished by/Affiliation	Date	Time	Accepted/Affiliation	Date	Time	Additional comments:
<u>[Signature]</u>	11/26/94	3:15				

NOV 07 '94 17:40



11865

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: ERI ENVIRONMENTAL RESOLUTIONS INC

Page 2 of 2

Address: 359 BEL MARIN KEYS BLVD SUITE 20, NAVAJO CA

Site Location: 725 High St OAKLAND

Project #: 2010-01

Consultant Project #:

Consultant Work Release #: 19431503

Project Contact: MARC BRIGGS

Phone #: 415 382-9105

Laboratory Work Release #:

EXXON Contact: MARIA GUENSLER

Phone #: 510-246-18768

EXXON RAS #: 7-3006

Sampled by (print): PETER PETRO

Sampler's Signature: [Signature]

Shipment Method:

Air Bill #:

Retention: 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 #	ANALYSIS REQUIRED			Temperature: _____	Inbound Seal: Yes No	Outbound Seal: Yes No
							TPH/GAS/BTEX/8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1			
2-BB-MW1 ⁶⁻⁸	10/26	11:11	H ₂ O	HCL/ICE	1		X					
2-10-MW17 ⁹		11:16	H ₂ O	HCL/ICE	4		X					
2-10-MWD15 ¹⁰		11:21			ICE	2			X			
2-BB-MW13 ⁸⁻¹¹		11:37			HCL/ICE	1	HOLD					
2-9-MW107 ¹²		11:42			HCL/ICE	4		X				
2-9-MWD10 ¹³		11:45			ICE	2			X			
2-BB-MW11 ¹⁴		12:00			HCL/ICE	1		HOLD				
2-10-MW17 ¹⁵		12:05			HCL/ICE	4		X				
2-10-MWD11 ¹⁶		12:06			ICE	2			X			
2-BB-MW9 ¹⁷		12:24			HCL/ICE	1		HOLD				
2-10-MW9 ¹⁸		12:27			HCL/ICE	4		X				
Acquiesced by/Affiliation		Date	Time	Accepted/Affiliation				Date	Time	Additional comments:		
<u>[Signature]</u>	10/26/04	3:15										