EXXON COMPANY, U.S.A.

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

DARIN L. ROUSE
SENIOR ENGINEER

(925) 246-8768
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ENVIRONMENTAL PROTECTION

99 OCT 12 PM 4:28

October 8, 1999

Mr. Scott Seery
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. Seery:

Attached for your review and comment is a letter report entitled ***Quarterly Groundwater Monitoring Report, Third Quarter 1999,*** dated October 5, 1999, 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 and sampling activities at the subject site.

At your request, ERI has included copies of the field data sheets from the sampling event in this report. Copies of field data sheets will be included in all future groundwater monitoring and sampling reports for this site.

In addition, as requested, ERI has evaluated the apparent change in top of casing (TOC) elevations of the groundwater monitoring wells from the most recent survey (performed July 21, 1998) when compared to the original TOCs provided by Texaco (the previous site owner). Exxon routinely requests its consultants to have groundwater monitoring wells re-surveyed when sites are acquired from another company. **The survey performed on behalf of ERI at this site on July 21, 1998 shows an apparent increase in the TOC elevation.** Please note that this increase is uniform in all wells and does not impact gradient and is interpreted to be a result of the surveyor using a different reference datum.

City of Oakland datum?

If you have any questions or comments, please contact me at (925) 246-8768.

Sincerely,

Darin L. Rouse
Senior Engineer

Attachment ERI's Quarterly Groundwater Monitoring Report, Third Quarter 1999, dated October 5, 1999.

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

w/o attachment
Mr. John C. Skance - Environmental Resolutions, Inc.
Ms. Kathy Simonelli - Geologic Services Corporation

ERI
ENVIRONMENTAL RESOLUTIONS, INC.

TRANSMITTAL

TO: Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

DATE: July 6, 1999
PROJECT NUMBER: 222913X
SUBJECT: Quarterly Groundwater Monitoring
Second Quarter, 1999
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

FROM: Jennifer Schulte
TITLE: Staff Geologist

WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	7/9/99	Cumulative Groundwater Monitoring and Sampling Data

THESE ARE TRANSMITTED as checked below:

[] For review and comment [ ] Approved as submitted [ ] Resubmit ___ copies for approval

[X] As requested [ ] Approved as noted [ ] Submit___ copies for distribution

[] For approval [ ] Return for corrections [ ] Return ___ corrected prints

[X] For your files [ ] For distribution to regulatory agencies

REMARKS:
At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI) is submitting a revised second quarter 1999, Table 1 - Cumulative Groundwater Monitoring and Sampling Data for Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California. **Recovery well RW-2 was not sampled during second quarter 1999, due to the presence of non-measurable liquid-phase hydrocarbons [redacted] in the well.** If you have any questions regarding the enclosed information, please contact Mr. John C. Skance at (415) 382-5996.

Jennifer Schulte, Staff Geologist

cc: Mr. Darin Rouse – Exxon Company, U.S.A.
Mr. Stephen Hill – California Regional Water Quality Control Board – San Francisco Bay Region

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<.....feet.....>			<.....ug/L.....>					
MW-6B	11/26/96	NLPH	12.26	5.22	<50	<30	<0.5	<0.5	<0.5	<0.5
(17.48)	2/27/97	NLPH	11.73	5.75	<50	<30	<0.5	<0.5	<0.5	0.80
	5/21/97	NLPH	12.70	4.78	<50	<30	<0.5	<0.5	<0.5	<0.5
	8/18/97	NLPH	12.89	4.59	380	<30	4.3	<0.5	1.2	1.5
	3/13/98	NLPH	11.15	6.33	360	<6.2	93	4.9	4.1	12
	4/20/98	NLPH	11.49	5.99	110	5.5	19	1.3	1.5	3.9
(21.37)	7/21/98	NLPH	12.18	9.19	<50	8.7	0.84	0.59	<0.5	<0.5
	10/6/98	NLPH	12.70	8.67	190	6.0	2.4	0.56	0.51	1.2
	1/11/99	NLPH	12.48	8.89	50	3.9	1.2	<0.5	<0.5	0.95
	4/8/99	**NLPH**	**11.52**	**9.85**	**85**	**14.0**	**4.4**	**<0.5**	**<0.5**	**<0.5**
MW-6E	11/26/96	NLPH	12.94	4.69	<50	<30	1.1	<0.5	<0.5	<0.5
(17.63)	2/27/97	NLPH	12.28	5.35	<50	<30	<0.5	<0.5	<0.5	<0.5
	5/21/97	NLPH	13.60	4.03	160	<5	10	1.4	5.5	4.8
	8/18/97	NLPH	13.75	3.88	66	<30	<0.5	<0.5	<0.5	<0.5
	3/13/98	NLPH	11.36	6.27	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	11.88	5.75	<50	<2.5	<0.5	<0.5	<0.5	<0.5
(21.58)	7/21/98	NLPH	13.10	8.48	1,200	<10	81	3.1	28	77
	10/6/98	NLPH	13.55	8.03	<50	6.6	1.4	0.51	<0.5	0.97
	1/11/99	NLPH	13.40	8.18	<50	5.1	<0.5	<0.5	<0.5	<0.5
	4/8/99	**NLPH**	**12.04**	**9.54**	**<50**	**4.7**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-6F	11/26/96	NLPH	13.29	5.29	<50	<30	<0.5	<0.5	<0.5	<0.5
(18.58)	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	<2.5	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	11.77	6.81	---	---	---	---	---	---
(22.51)	7/21/98	NLPH	13.62	8.89	---	---	---	---	---	---
	10/6/98	NLPH	13.52	8.99	---	---	---	---	---	---
	1/11/99	NLPH	14.06	8.45	---	---	---	---	---	---
	4/8/99	**NLPH**	**11.86**	**10.65**	**---**	**---**	**---**	**---**	**---**	**---**

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW-6G	11/26/96	NLPH	11.12	5.70	<50	<30	<0.5	<0.5	<0.5	<0.5
(16.82)	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	4.4	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	9.73	7.09	---	---	---	---	---	---
(20.72)	7/21/98	NLPH	11.15	9.57	---	---	---	---	---	---
	10/6/98	NLPH	11.91	8.81	---	---	---	---	---	---
	1/11/99	NLPH	12.00	8.72	---	---	---	---	---	---
	4/8/99	**NLPH**	**10.04**	**10.68**	**---**	**---**	**---**	**---**	**---**	**---**
MW-6H	11/26/96	NLPH	11.87	4.71	1,200	<30	320	110	22	85
(16.58)	2/27/97	NLPH	11.58	5.00	1,800	<200	760	31	8.4	44
	5/21/97	NLPH	12.23	4.35	1,100	81	640	18	5.4	45
	8/18/97	NLPH	12.29	4.29	870	26	200	3.6	2.4	7.4
	3/13/98	NLPH	11.44	5.14	5,300	<125	1,900	720	100	470
	4/20/98	NLPH	11.58	5.00	6,000	2,700	1,500	600	91	440
(20.47)	7/21/98	NLPH	11.97	8.5	2,200	1,600	740	44	15	63
	10/6/98	NLPH	12.23	8.24	5,400	3,000	1,900	<25	<25	76
	1/11/99	NLPH	12.17	8.30	2,600	4,300	1,200	<12	<12	20
	4/8/99	**NLPH**	**11.56**	**8.91**	**13,000**	**13,000**	**3,400**	**1,300**	**260**	**1,200**
MW-6I	11/26/96	NLPH	12.45	3.81	<50	<30	<0.5	<0.5	<0.5	<0.5
(16.26)	2/27/97	NLPH	12.24	4.02	<50	<30	<0.5	<0.5	<0.5	<0.5
	5/21/97	NLPH	12.82	3.44	<50	<30	<0.5	<0.5	<0.5	<0.5
	8/18/97	NLPH	12.81	3.45	<50	<30	<0.5	<0.5	<0.5	<0.5
	3/13/98	---	---	---	---	---	---	---	---	---
	4/20/98	NLPH	12.14	4.12	<50	<2.5	<0.5	<0.5	<0.5	<0.5
(20.24)	7/21/98	NLPH	12.59	7.65	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	10/6/98	NLPH	12.81	7.43	---	---	---	---	---	---
	1/11/99	NLPH	12.74	7.50	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	4/8/99	**NLPH**	**11.93**	**8.31**	**---**	**---**	**---**	**---**	**---**	**---**

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<.....feet.....>			<.....ug/L.....>					
RW-1	Not Monitored 6/16/92 through 10/6/98.									
(20.24)	1/11/99	NLPH	12.37	7.87	---	---	---	---	---	---
	4/8/99	NLPH	10.41	9.83	---	---	---	---	---	---
RW-2	Not Monitored 6/16/92 through 4/20/98.									
(20.44)	7/21/98	NLPH	12.65	7.79	3,500	170	240	100	41	96
	10/6/98	NLPH	13.06	7.38	3,200	200	120	48	56	120
	1/11/99	NLPH	12.88	7.56	3,300	350	150	17	35	40
	4/8/99	sheen	11.76	8.68	---	---	---	---	---	---
RW-3A	Not Monitored 6/16/92 through 4/20/98.									
(21.75)	7/21/98	NLPH	13.08	8.67	280	16	97	<1.2	<1.2	<1.2
	10/6/98	NLPH	13.72	8.03	78	26	26	0.89	<0.5	<0.5
	1/11/99	NLPH	12.00	9.75	1,000	230	490	5.0	<5.0	7.4
	4/8/99	NLPH	11.90	9.85	130	11	70	<1.0	<1.0	<1.0

Notes:

SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
sheen	=	Liquid-phase hydrocarbon present as sheen.
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).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 5030/8020.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 5030/8020.
<	=	Less than the indicated detection limit shown by the laboratory.
---	=	Not measured or sampled.
*	=	DTW taken after purging of other nearby wells; measurement suspect.
ug/L	=	Micrograms per liter.

Sampling discontinued for wells MW6F, MW6G, and RW1 per Alameda County Health Services Agency letter dated June 1, 1998.

ENVIRONMENTAL RESOLUTIONS, INC.

October 5, 1999
ERI 222913.R07

Mr. Darin L. Rouse
Exxon Company, U.S.A.
P.O. Box 4032
Concord, California 94524-4032

Subject: Quarterly Groundwater Monitoring Report, Third Quarter 1999, Exxon Service Station 7-0235, 2225 Telegraph Avenue, Oakland, California.

Mr. Rouse:

At the request of Exxon Company, U.S.A. (Exxon), Environmental Resolutions, Inc. (ERI), is reporting the results of the third quarter 1999 groundwater monitoring and sampling event. The location of the site is shown on the Site Vicinity Map (Plate 1). The purpose of quarterly monitoring is to evaluate concentrations of dissolved hydrocarbons in groundwater and groundwater flow direction and gradient. Blaine Tech Services, Inc. (Blaine Tech) performed the site field activities at the request of Exxon.

GROUNDWATER MONITORING AND SAMPLING

On July 19, 1999, Blaine Tech measured depth to water (DTW) and collected groundwater samples from select wells for laboratory analyses. On July 27, 1999, Blaine Tech measured DTW in all groundwater monitoring wells. Work was performed in accordance with Blaine Tech's groundwater sampling protocol provided in Attachment A. Field data sheets are presented in Attachment B.

Calculated groundwater gradient and flow direction are presented on Plate 2. Historical and recent monitoring data are summarized in Table 1.

LABORATORY ANALYSES AND RESULTS

Groundwater samples were submitted to Sequoia Analytical Laboratories, Inc., a California state-certified laboratory, under Chain of Custody protocol. The samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), and total purgeable petroleum hydrocarbons as gasoline (TPPHg) using the methods listed in the notes in Table 1. The laboratory analysis report and Chain of Custody record are provided in Attachment C. 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 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.

ERI recommends forwarding copies of this report to:

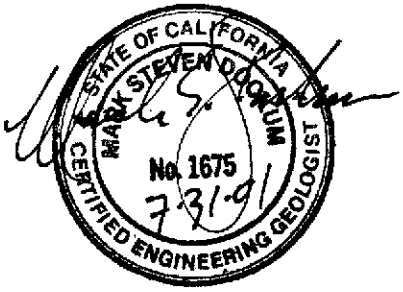
Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

Mr. Stephen Hill
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

If you have any questions or comments regarding this report, please call Mr. John C. Skance at (415) 382-5996.

Sincerely,
Environmental Resolutions, Inc.

John C. Skance
Assistant Project Manager



Mark S. Dockum
R.G. 4412
C.E.G. 1675

Attachments: 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: Field Data Sheets
Attachment C: Laboratory Analysis Report and Chain of Custody Record

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<.....feet.....>			<.....ug/L.....>					
MW-6B	11/26/96	NLPH	12.26	5.22	<50	<30	<0.5	<0.5	<0.5	<0.5
(17.48)	2/27/97	NLPH	11.73	5.75	<50	<30	<0.5	<0.5	<0.5	0.80
	5/21/97	NLPH	12.70	4.78	<50	<30	<0.5	<0.5	<0.5	<0.5
	8/18/97	NLPH	12.89	4.59	380	<30	4.3	<0.5	1.2	1.5
	3/13/98	NLPH	11.15	6.33	360	<6.2	93	4.9	4.1	12
	4/20/98	NLPH	11.49	5.99	110	5.5	19	1.3	1.5	3.9
(21.37)	7/21/98	NLPH	12.18	9.19	<50	8.7	0.84	0.59	<0.5	<0.5
	10/6/98	NLPH	12.70	8.67	190	6.0	2.4	0.56	0.51	1.2
	1/11/99	NLPH	12.48	8.89	50	3.9	1.2	<0.5	<0.5	0.95
	4/8/99	NLPH	11.52	9.85	85	14.0	4.4	<0.5	<0.5	<0.5
	7/19/99	**NLPH**	**11.39**	**9.98**	**<50**	**<2.50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
	7/27/99	**NLPH**	**12.71**	**8.66**	---	---	---	---	---	---
MW-6E	11/26/96	NLPH	12.94	4.69	<50	<30	1.1	<0.5	<0.5	<0.5
(17.63)	2/27/97	NLPH	12.28	5.35	<50	<30	<0.5	<0.5	<0.5	<0.5
	5/21/97	NLPH	13.60	4.03	160	<5	10	1.4	5.5	4.8
	8/18/97	NLPH	13.75	3.88	66	<30	<0.5	<0.5	<0.5	<0.5
	3/13/98	NLPH	11.36	6.27	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	11.88	5.75	<50	<2.5	<0.5	<0.5	<0.5	<0.5
(21.58)	7/21/98	NLPH	13.10	8.48	1,200	<10	81	3.1	28	77
	10/6/98	NLPH	13.55	8.03	<50	6.6	1.4	0.51	<0.5	0.97
	1/11/99	NLPH	13.40	8.18	<50	5.1	<0.5	<0.5	<0.5	<0.5
	4/8/99	NLPH	12.04	9.54	<50	4.7	<0.5	<0.5	<0.5	<0.5
	7/19/99	**NLPH**	**11.59**	**9.99**	---	---	---	---	---	---
	7/27/99	**NLPH**	**13.65**	**7.93**	---	---	---	---	---	---
MW-6F	11/26/96	NLPH	13.29	5.29	<50	<30	<0.5	<0.5	<0.5	<0.5
(18.58)	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	<2.5	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	11.77	6.81	---	---	---	---	---	---
(22.51)	7/21/98	NLPH	13.62	8.89	---	---	---	---	---	---
	10/6/98	NLPH	13.52	8.99	---	---	---	---	---	---
	1/11/99	NLPH	14.06	8.45	---	---	---	---	---	---
	4/8/99	NLPH	11.86	10.65	---	---	---	---	---	---
	7/19/99	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
	7/27/99	**Well Inaccessible**		**---**	**---**	**---**	**---**	**---**	**---**	**---**

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<	feet	>	<		ug/L			>
MW-6G	11/26/96	NLPH	11.12	5.70	<50	<30	<0.5	<0.5	<0.5	<0.5
(16.82)	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	4.4	<0.5	<0.5	<0.5	<0.5
	4/20/98	NLPH	9.73	7.09	---	---	---	---	---	---
(20.72)	7/21/98	NLPH	11.15	9.57	---	---	---	---	---	---
	10/6/98	NLPH	11.91	8.81	---	---	---	---	---	---
	1/11/99	NLPH	12.00	8.72	---	---	---	---	---	---
	4/8/99	NLPH	10.04	10.68	---	---	---	---	---	---
	7/19/99	---	---	---	---	---	---	---	---	---
	7/27/99	**NLPH**	**11.75**	**8.97**	---	---	---	---	---	---
MW-6H	11/26/96	NLPH	11.87	4.71	1,200	<30	320	110	22	85
(16.58)	2/27/97	NLPH	11.58	5.00	1,800	<200	760	31	8.4	44
	5/21/97	NLPH	12.23	4.35	1,100	81	640	18	5.4	45
	8/18/97	NLPH	12.29	4.29	870	26	200	3.6	2.4	7.4
	3/13/98	NLPH	11.44	5.14	5,300	<125	1,900	720	100	470
	4/20/98	NLPH	11.58	5.00	6,000	2,700	1,500	600	91	440
(20.47)	7/21/98	NLPH	11.97	8.5	2,200	1,600	740	44	15	63
	10/6/98	NLPH	12.23	8.24	5,400	3,000	1,900	<25	<25	76
	1/11/99	NLPH	12.17	8.30	2,600	4,300	1,200	<12	<12	20
	4/8/99	NLPH	11.56	8.91	13,000	13,000	3,400	1,300	260	1,200
	7/19/99	**NLPH**	**11.71**	**8.76**	**<2,000**	**6,920/8,520***	**732**	**<20**	**<20**	**<20**
	7/27/99	**NLPH**	**12.39**	**8.08**	---	---	---	---	---	---
MW-6I	11/26/96	NLPH	12.45	3.81	<50	<30	<0.5	<0.5	<0.5	<0.5
(16.26)	2/27/97	NLPH	12.24	4.02	<50	<30	<0.5	<0.5	<0.5	<0.5
	5/21/97	NLPH	12.82	3.44	<50	<30	<0.5	<0.5	<0.5	<0.5
	8/18/97	NLPH	12.81	3.45	<50	<30	<0.5	<0.5	<0.5	<0.5
	3/13/98	---	---	---	---	---	---	---	---	---
	4/20/98	NLPH	12.14	4.12	<50	<2.5	<0.5	<0.5	<0.5	<0.5
(20.24)	7/21/98	NLPH	12.59	7.65	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	10/6/98	NLPH	12.81	7.43	---	---	---	---	---	---
	1/11/99	NLPH	12.74	7.50	<50	<2.5	<0.5	<0.5	<0.5	<0.5
	4/8/99	NLPH	11.93	8.31	---	---	---	---	---	---
	7/19/99	**NLPH**	**11.75**	**8.49**	**281**	**17.6**	**35.4**	**9.1**	**7.4**	**30.7**
	7/27/99	**NLPH**	**12.95**	**7.29**	---	---	---	---	---	---

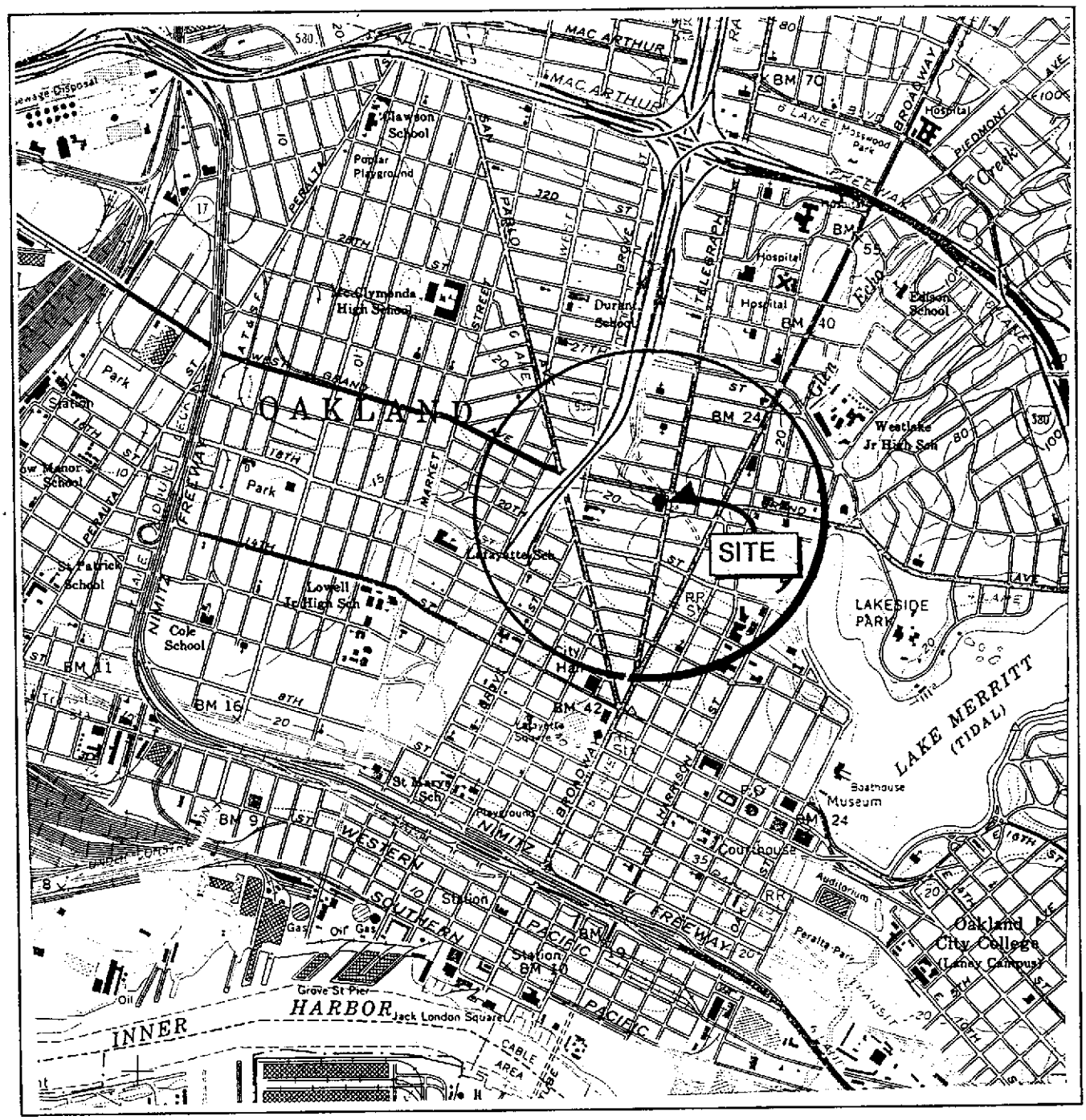
TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Exxon Service Station 7-0235
2225 Telegraph Avenue
Oakland, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPPHg	MTBE	B	T	E	X
		<.....feet.....>			<.....ug/L.....>					
RW-1	Not Monitored 6/16/92 through 10/6/98.									
(20.24)	1/11/99	NLPH	12.37	7.87	---	---	---	---	---	---
	4/8/99	NLPH	10.41	9.83	---	---	---	---	---	---
	7/19/99	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
	7/27/99	**NLPH**	**12.76**	**7.48**	**---**	**---**	**---**	**---**	**---**	**---**
RW-2	Not Monitored 6/16/92 through 4/20/98.									
(20.44)	7/21/98	NLPH	12.65	7.79	3,500	170	240	100	41	96
	10/6/98	NLPH	13.06	7.38	3,200	200	120	48	56	120
	1/11/99	NLPH	12.88	7.56	3,300	350	150	17	35	40
	4/8/99	sheen	11.76	8.68	---	---	---	---	---	---
	7/19/99	**NLPH**	**11.61**	**8.83**	**1,980**	**160/499***	**44**	**4.16**	**22.3**	**11.6**
	7/27/99	**NLPH**	**13.26**	**7.18**	**---**	**---**	**---**	**---**	**---**	**---**
RW-3A	Not Monitored 6/16/92 through 4/20/98.									
(21.75)	7/21/98	NLPH	13.08	8.67	280	16	97	<1.2	<1.2	<1.2
	10/6/98	NLPH	13.72	8.03	78	26	26	0.89	<0.5	<0.5
	1/11/99	NLPH	12.00	9.75	1,000	230	490	5.0	<5.0	7.4
	4/8/99	NLPH	11.90	9.85	130	11	70	<1.0	<1.0	<1.0
	7/19/99	**NLPH**	**11.75**	**10.00**	**989**	**16.4**	**393**	**6.40**	**5.70**	**15.0**
	7/27/99	**NLPH**	**13.68**	**8.07**	**---**	**---**	**---**	**---**	**---**	**---**

Notes:

SUBJ	=	Results of subjective evaluation.
NLPH	=	No liquid-phase hydrocarbons present in well.
sheen	=	Liquid-phase hydrocarbon present as sheen.
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).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 5030/8020.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 5030/8020.
<	=	Less than the indicated detection limit shown by the laboratory.
---	=	Not measured or sampled.
*	=	Methyl tertiary butyl ether analyzed using EPA method 8260B.
ug/L	=	Micrograms per liter.

Sampling discontinued for wells MW6F, MW6G, and RW1 per Alameda County Health Services Agency letter dated June 1, 1998.



FN: 22290001

N

APPROXIMATE SCALE

0 1/2 1

MILE

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

ERI ENVIRONMENTAL RESOLUTIONS, INC.

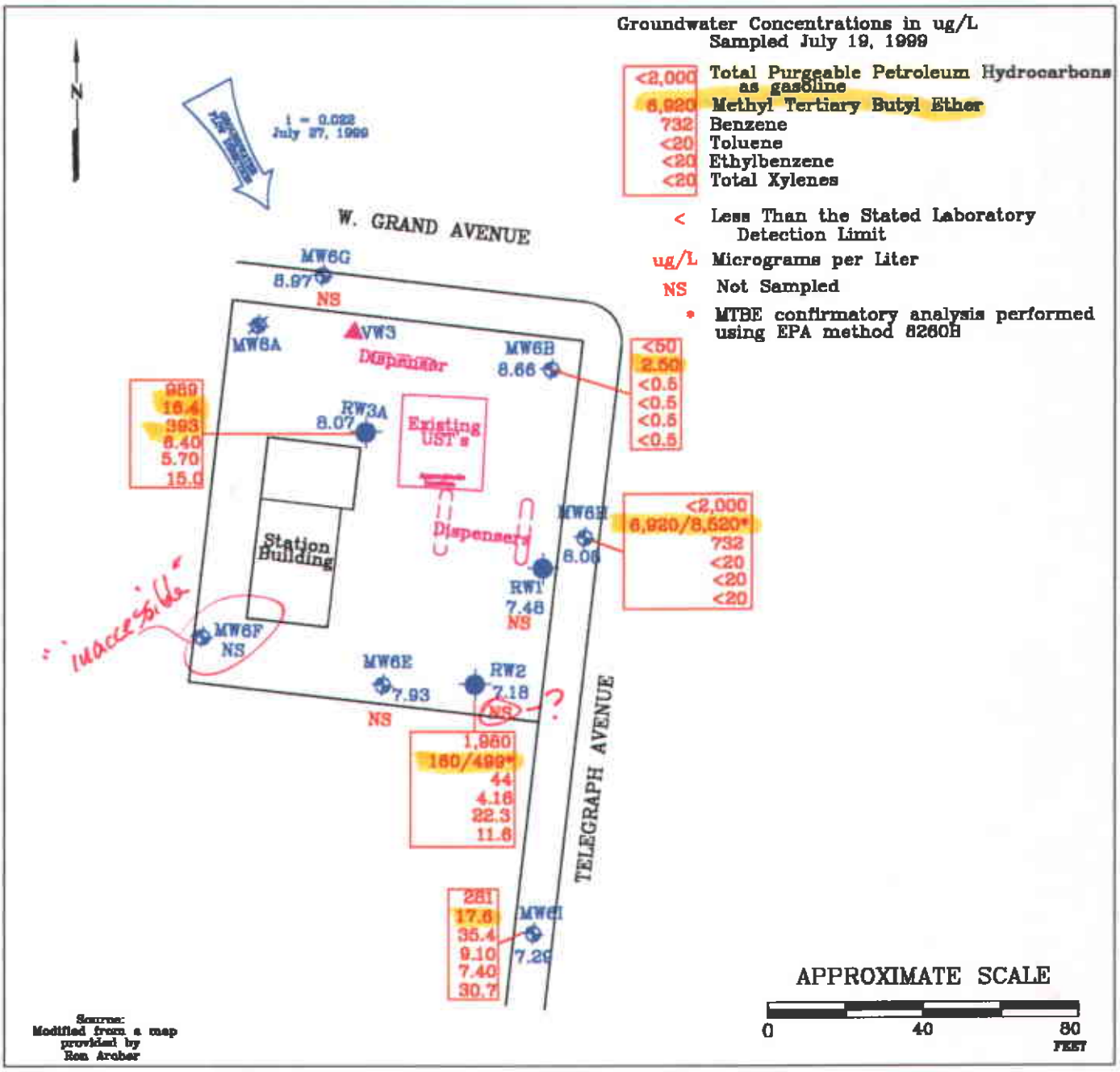
PROJECT ERI 2229

SITE VICINITY MAP

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

PLATE

1



FN 22290002

EXPLANATION

MW6H — Groundwater Monitoring Well

Groundwater elevation in feet above mean sea level

i = Interpreted Groundwater Gradient

RW3A — Recovery Well

VW3 — Vapor/Vadose Well

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO. 2229

PLATE 2

August 13, 1999

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT EXXON STATIONS

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Exxon comply with Exxon's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40 hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Exxon site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic sounders which are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of Immiscibles or sheen and when free product is suspected, it is confirmed using an electronic interface probe (e.g. MMC). If sheen or product is found in a well, the Project Coordinator notifies the appropriate party (e.g. Exxon employee or consultant).

No samples are collected from a well containing sheen or product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and

are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well. Small volumes of purgewater are often removed by hand bailing with a disposable bailer.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not recharge.

Wells known to dewater are evacuated as early as possible during each site visit in order to allow for the greatest amount of recovering. Any well that does not recharge to 80% of its original volume will be sampled prior to the departure of our personnel from the site in order to eliminate the need of a return visit.

In jurisdictions where a certain percentage of recovery is included in the local completion standard, our personnel follow the regulatory expectation.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to an Exxon approved disposal facility (e.g. Romic Environmental Technologies Corporation in East Palo Alto, California).

SAMPLE COLLECTION DEVICES

All samples are collected using a disposable bailer.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory which will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

A Trip Blank is carried to each site and is kept inside the cooler for the duration of the sampling event. It is turned over to the laboratory for analysis with the samples from that site.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the analytical laboratory that will perform the intended analytical procedures. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

Each and every sample container has a label affixed to it. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the station number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time at which the sample was collected and the initials of the person collecting the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before

leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer which is then operated with high quality deionized water which is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, sounder etc.) that cannot be washed using the hot high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

EXAMPLE: The sounder is cleaned between wells using the non-phosphate soap and deionized water solution followed by deionized water rinses. The sounder is then washed with the steam cleaner between sites or as necessitated by use in a particularly contaminated well.

DISSOLVED OXYGEN READINGS

All Dissolved Oxygen readings are taken using YSI meters (e.g. YSI Model 58 or equivalent YSI meter). These meters are equipped with a YSI stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells as small as two-inch diameter.

The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column allowed to stabilize before use.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual. In use the probe is placed in a cup of freshly obtained monitoring well water and allowed to stabilize.

ATTACHMENT B

FIELD DATA SHEETS

222913X

WELL GAUGING DATA

Project # 990727-X3 Date 7-27-99 Client Exxon

Site 2225 Telegraph Oakland CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-6B	2					12.71	18.30	TOC	
MW-6E	4					13.65	19.60		
MW-6F	——	——	Inaccessible	——	——	——	——		
MW-6G	4					11.75	19.52		
MW-6H	4					12.39	19.65		
MW-6I	4					12.95	19.30		
RW-1 ~~MW-6~~	4		Extraction Pump*			12.76	23.61		
RW-2	4		Extraction Pump			13.26	23.46		
RW-3A	4		Extraction Pump			13.66	21.09		
* MW-6F is in locked extraction compound. Key #3600 does not work.									
	No keys to compound. *								

WELL GAUGING DATA

Project # 990719 FZ Date 7-19-99 Client Exxon

Site 2225 Telegraph Ave. Oakland Ca.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-6B	2					11.39	18.30	TOC	
MW-6E	4					11.59	19.63		
MW-6H	4					11.71	19.64		
MW-6I	4					11.75	19.30		
RW-2	4					11.61	23.49		
RW-3A	4					11.75	21.14		

EXXON WELL MONITORING DATA SHEET

Project #: 990719 FZ	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: MW-6B	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.30	Depth to Water: 11.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method:
- Bailer
- X Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: ___

1.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 3.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1319	65.9	7.2	1006	67	2	
1321	65.4	7.1	1000	59	3	
1323	65.1	7.1	1003	61	4	

Did well dewater? Yes (No)		Gallons actually evacuated: 4	
Sampling Time: 1327		Sampling Date: 7-19-99	
Sample I.D.: MW-6B		Laboratory: Sequoia	Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EXXON WELL MONITORING DATA SHEET

Project #: 990719 F2	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: MW-6E	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.63	Depth to Water: 11.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: _____

5.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 15.6 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
	* Inaccessible Car parked				6	
	over well after I gauged				12	
	it. Service Manager does				16	
	not have keys to move it.					

Did well dewater? Yes (No) Gallons actually evacuated: 16

Sampling Time: Sampling Date: 7-19-99

Sample I.D.: MW-6E Laboratory: Sequoia Other _____

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

EXXON WELL MONITORING DATA SHEET

Project #: 990719 F2	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: MW-6H	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.64	Depth to Water: 11.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer
- X Disposable Bailer
- Extraction Port
- Other: ___

5.1	x	3	=	15.4 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1339	66.3	6.7	1080	37	6	
1340	66.1	6.7	1075	39	12	
1341	66.2	6.6	1084	35	16	

Did well dewater? Yes (No)		Gallons actually evacuated: 16	
Sampling Time: 1345		Sampling Date: 7-19-99	
Sample I.D.: MW-6H		Laboratory: Sequoia	Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge: ___ mg/L	Post-purge:	___ mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge:	___ mV

EXXON WELL MONITORING DATA SHEET

Project #: 990719 FZ	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: MW-61	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 19.30	Depth to Water: 11.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- X Electric Submersible
- Extraction Pump
- Other: ____

Sampling Method:
- Bailer
- ~~Disposable~~ Bailer
- Extraction Port
- Other: ____

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
4.9	X	3	=	14.7 Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1357	66.7	7.4	658	39	5	
1358	66.3	7.4	655	27	10	
1359	66.1	7.3	655	29	15	

Did well dewater? Yes (No)		Gallons actually evacuated: 15	
Sampling Time: 1404		Sampling Date: 7-19-99	
Sample I.D.: MW-61		Laboratory: Sequoia	Other ____
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EXXON WELL MONITORING DATA SHEET

Project #: 990719 F2	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: RW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 23.49	Depth to Water: 11.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / X Electric Submersible Extraction Pump / Other: ___

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Other: ___

7.7	X	3	=	23.1 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1412	69.7	6.0	744	22	8	odor
1413	69.2	6.0	747	27	16	
1415	69.0	6.0	741	19	24	

Did well dewater? Yes (No)		Gallons actually evacuated: 24	
Sampling Time: 14:19		Sampling Date: 7-19-99	
Sample I.D.: RW-2		Laboratory: Sequoia	Other ___
Analyzed for: (TPH-G BTEX MTBE) TPH-D		Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

EXXON WELL MONITORING DATA SHEET

Project #: 990719 F2	Job # 7-0235
Sampler: Mike S	Date: 7-19-99
Well I.D.: RW-3A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 21.14	Depth to Water: 11.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / X Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / X Disposable Bailer / Extraction Port / Other: ____

6.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 18.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1429	66.9	6.4	933	41	7	odor
1431	67.3	6.5	928	39	14	
1432	67.1	6.5	921	40	19	

Did well dewater? Yes (No) Gallons actually evacuated: 19

Sampling Time: 1437 Sampling Date: 7-19-99

Sample I.D.: RW-3A Laboratory: Sequoia Other____

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ATTACHMENT B

FIELD DATA SHEETS

ATTACHMENT C

LABORATORY ANALYSIS REPORT AND CHAIN OF CUSTODY RECORD

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

September 2, 1999

Mark Dockum
Environmental Resolutions (Exxon)
73 Digital Drive, Suite 100
Novato, CA 94949

RE: Exxon 7-0235/M907740

Dear Mark Dockum

Enclosed are the results of analyses for sample(s) received by the laboratory on July 20, 1999. If you have any questions concerning this report, please feel free to contact me.

Please note this report was revised on 9/2/99 to revise the sampling date.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

REISSUED

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

[redacted]vironmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/19/99
73 Digital Drive, Suite 100	Project Number:	7-0235	Received: 7/20/99
[redacted]vato, CA 94949	Project Manager:	Mark Dockum	Reported: 9/2/99

ANALYTICAL REPORT FOR M907740

[redacted]mple Description	Laboratory Sample Number	Sample Matrix	Date Sampled
[redacted]W-6B	M907740-01	Water	7/19/99
[redacted]W-6H	M907740-02	Water	7/19/99
[redacted]W-6I	M907740-03	Water	7/19/99
RW-2	M907740-04	Water	7/19/99
[redacted]W-3A	M907740-05	Water	7/19/99

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73 Digital Drive, Suite 100	Project Number:	7-0235	Received: 7/20/99
[N]ovato, CA 94949	Project Manager:	Mark Dockum	Reported: 9/2/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
[M]W-6B			**M907740-01**				**Water**	
[P]urgeable Hydrocarbons	9070796	7/23/99	7/23/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
[T]oluene	"	"	"		0.500	ND	"	
[E]thylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
[S]urrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*106*	%	
MW-6H			**M907740-02**				**Water**	
[P]urgeable Hydrocarbons	9070796	7/23/99	7/23/99		2000	ND	ug/l	1
[B]enzene	"	"	"		20.0	732	"	
[T]oluene	"	"	"		20.0	ND	"	
Ethylbenzene	"	"	"		20.0	ND	"	
[X]ylenes (total)	"	"	"		20.0	ND	"	
[M]ethyl tert-butyl ether	"	"	"		100	6920	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*85.0*	%	
[M]W-6I			**M907740-03**				**Water**	
[P]urgeable Hydrocarbons	9070796	7/23/99	7/23/99		50.0	281	ug/l	2
Benzene	"	"	"		0.500	35.4	"	
[T]oluene	"	"	"		0.500	9.10	"	
[E]thylbenzene	"	"	"		0.500	7.40	"	
Xylenes (total)	"	"	"		0.500	30.7	"	
Methyl tert-butyl ether	"	"	"		2.50	17.6	"	
[S]urrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*105*	%	
RW-2			**M907740-04**				**Water**	
[P]urgeable Hydrocarbons	9070796	7/23/99	7/23/99		200	1980	ug/l	3
[B]enzene	"	"	"		2.00	44.0	"	
Toluene	"	"	"		2.00	4.16	"	
Ethylbenzene	"	"	"		2.00	22.3	"	
[X]ylenes (total)	"	"	"		2.00	11.6	"	
[M]ethyl tert-butyl ether	"	"	"		10.0	160	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*74.0*	%	
[M]W-3A			**M907740-05**				**Water**	
[P]urgeable Hydrocarbons	9070796	7/23/99	7/23/99		500	989	ug/l	1
Benzene	"	"	"		5.00	393	"	
[T]oluene	"	"	"		5.00	6.40	"	
[E]thylbenzene	"	"	"		5.00	5.70	"	
Xylenes (total)	"	"	"		5.00	15.0	"	

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Environmental Resolutions (Exxon)	Project:	Exxon	Sampled: 7/19/99
73 Digital Drive, Suite 100	Project Number:	7-0235	Received: 7/20/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 9/2/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3A (continued)			**M907740-05**				**Water**	
Methyl tert-butyl ether	9070796	7/23/99	7/23/99		2.50	**16.4**	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*77.0*	%	

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73 Digital Drive, Suite 100	Project Number:	7-0235	Received:	7/20/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported:	9/2/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9070796	**Date Prepared: 7/23/99**				**Extraction Method: EPA 5030B [P/T]**					
Blank	**9070796-BLK1**									
Purgeable Hydrocarbons	7/23/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*10.2*	*"*	*70.0-130*	*102*			
LCS	**9070796-BS1**									
Purgeable Hydrocarbons	7/23/99	250		264	ug/l	70.0-130	106			
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*9.90*	*"*	*70.0-130*	*99.0*			
Matrix Spike	**9070796-MS1**	**M907740-01**								
Purgeable Hydrocarbons	7/23/99	250	ND	288	ug/l	60.0-140	115			
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*9.19*	*"*	*70.0-130*	*91.9*			
Matrix Spike Dup	**9070796-MSD1**	**M907740-01**								
Purgeable Hydrocarbons	7/23/99	250	ND	249	ug/l	60.0-140	99.6	25.0	14.4	
Surrogate: a,a,a-Trifluorotoluene	*"*	*10.0*		*8.24*	*"*	*70.0-130*	*82.4*			

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73 Digital Drive, Suite 100	Project Number:	7-0235	Received: 7/20/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 9/2/99

Notes and Definitions

Note	
1	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
2	Chromatogram Pattern: Gasoline C6-C12
3	Chromatogram Pattern: Weathered Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

August 3, 1999

Mark Dockum
ERI
74 Digital Dr. Suite 100
Novato, CA 94949

RE: Exxon/P907550

Dear Mark Dockum:

Enclosed are the results of analyses for sample(s) received by the laboratory on July 29, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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E[redacted]	Project:	Exxon	Sampled: 7/19/99
74 Digital Dr. Suite 100	Project Number:	990719F2/7-0235	Received: 7/29/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 8/3/99

ANALYTICAL REPORT FOR P907550

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-6H	P907550-01	Water	7/19/99
R[redacted]-2	P907550-02	Water	7/19/99

Sequoia Analytical

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RI	Project:	Exxon	Sampled: 7/19/99
74 Digital Dr. Suite 100	Project Number:	990719F2/7-0235	Received: 7/29/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 8/3/99

Sample Description: **MW-6H**
Laboratory Sample Number: **P907550-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-butyl ether	9070507	8/2/99	8/2/99		100	**8520**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*100*	%	

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RI	Project:	Exxon	Sampled: 7/19/99
74 Digital Dr. Suite 100	Project Number:	990719F2/7-0235	Received: 7/29/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 8/3/99

Sample Description: **RW-2**
Laboratory Sample Number: **P907550-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Volatile Organic Compounds by EPA Method 8260B								
Methyl tert-butyl ether	9070507	8/2/99	8/2/99		12.5	**499**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*104*	%	

Sequoia Analytical

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RI	Project:	Exxon	Sampled: 7/19/99
74 Digital Dr. Suite 100	Project Number:	990719F2/7-0235	Received: 7/29/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 8/3/99

Volatile Organic Compounds by EPA Method 8260B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9070507	**Date Prepared: 7/26/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9070507-BLK1**									
Methyl tert-butyl ether	7/26/99			**ND**	ug/l	**0.500**				
Surrogate: Dibromofluoromethane	"	*5.00*		*5.02*	"	*86.0-118*	*100*			
Blank	**9070507-BLK2**									
Methyl tert-butyl ether	8/2/99			**ND**	ug/l	**0.500**				
Surrogate: Dibromofluoromethane	"	*5.00*		*5.08*	"	*86.0-118*	*102*			
LCS	**9070507-BS1**									
Methyl tert-butyl ether	7/26/99	5.00		4.73	ug/l	72.7-119	94.6			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.03*	"	*86.0-118*	*101*			
LCS	**9070507-BS2**									
Methyl tert-butyl ether	8/2/99	5.00		4.84	ug/l	72.7-119	96.8			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.02*	"	*86.0-118*	*100*			
Matrix Spike	**9070507-MS1**		**P907370-05**							
Methyl tert-butyl ether	7/26/99	5.00	ND	4.99	ug/l	72.7-119	**99.8**			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.15*	"	*86.0-118*	*103*			
Matrix Spike Dup	**9070507-MSD1**		**P907370-05**							
Methyl tert-butyl ether	7/26/99	5.00	ND	4.97	ug/l	72.7-119	**99.4**	20.0	**0.402**	
Surrogate: Dibromofluoromethane	"	*5.00*		*5.24*	"	*86.0-118*	*105*			

Sequoia Analytical

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[illegible]	Project:	Exxon	Sampled: 7/19/99
74 Digital Dr. Suite 100	Project Number:	990719F2/7-0235	Received: 7/29/99
Novato, CA 94949	Project Manager:	Mark Dockum	Reported: 8/3/99

Notes and Definitions

	Note
DET	Analyte DETECTED
[illegible]	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
[illegible]cov.	Recovery
RPD	Relative Percent Difference

Sequoia Analytical
680 Chesapeake Dr.
Redwood City, CA 94063
(650) 364-9600 • FAX (650) 364-9233

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: ERI / EXXON — Page 1 of 1 — Oakland

Address: 74 Digital Dr. Suite G, Novato, CA 94949		Site Location: 2225 Telegraph Ave
Project #: 990719 F2	Consultant Project #: 2229	Consultant Work Release #: 19900939
Project Contact: Mark Dockum	Phone #: (415) 382-5991	Laboratory Work Release #:
EXXON Contact: Marla Guensler	Phone #: (925) 246-8791	EXXON RAS #: 7-0235
Sampled by (print): Mike Stuart	Sampler's Signature:	
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.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE (8020)		Temperature: Inbound Seal: Yes No Outbound Seal: Yes No
MW-6B ✓	7-19-99	1327	W	HCl VOA	3		X			X		
~~MW-6H~~		1345					X			X	*	Confirm MTBE By 8260 At well MW6H AND WELL RW-2
MW-61 ✓		1404					X			X		
RW-2 ✓		1419					X			X		
RW-3A ✓		1437					X			X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
	7-20-99	10:40		7/20/99	1040	
				7/20	1500	