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**ExxonMobil**  
**Refining & Supply Company**  
Global Remediation

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Jennifer C. Sedlachek  
Project Manager

**ExxonMobil**  
Refining & Supply

December 3, 2004

Mr. Bob Schultz  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Alameda County  
DEC 08 2004  
Environmental Health

**RE: Former Exxon RAS #7-3567/3192 Santa Rita Road, Pleasanton, California.**

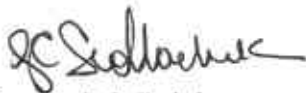
Dear Mr. Schultz:

Attached for your review and comment is a letter report entitled *Groundwater Monitoring Report, Third Quarter 2004*, dated December 1, 2004, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and details groundwater monitoring and sampling activities at the subject site.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

If you have any questions or comments, please contact me at (510)547-8196.

Sincerely,

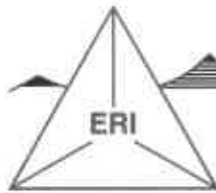


Jennifer C. Sedlachek  
Project Manager

Attachment: ERI's Groundwater Monitoring Report, Third Quarter 2004, dated December 1, 2004.

cc: w/ attachment  
Mr. Eddy So, California Regional Water Quality Control Board, San Francisco Bay Region  
Ms. Colleen Morf, Zone 7 Water Agency  
Mr. Joseph A. Aldridge, Valero Energy Corporation

w/o attachment  
Mr. Robert A. Saur, Environmental Resolutions, Inc.



**ENVIRONMENTAL RESOLUTIONS, INC.**

December 1, 2004  
ERI 243113.Q043

Ms. Jennifer C. Sedlachek  
ExxonMobil Refining & Supply - Global Remediation  
4096 Piedmont Avenue #194  
Oakland, California 94611

Alameda County  
DEC 08 2004  
Environmental Health

Subject: Groundwater Monitoring Report, Third Quarter 2004, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California.

## INTRODUCTION

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed third quarter 2004 groundwater monitoring and sampling activities at the subject site. Relevant tables, plates, and attachments are included at the end of this report. Currently, the site is a Valero Service Station.

During routine review and validation of groundwater monitoring data, ERI discovered irregularities in the field data collected during this event. Depth to water measurements, corresponding groundwater elevations, and purge data were inconsistent with previous data and well-specific parameters, and thus could not be validated. Invalidated groundwater depth and elevation data are not reported in Table 1A for this event.

In general, the analytical results for groundwater samples collected during this monitoring event are reasonably consistent with previous results, within limits of previously-observed variation. However, based on the irregularities in the field data, ERI considers select analytical results suspect, as noted in Tables 1A and 1B.

## GROUNDWATER MONITORING AND SAMPLING SUMMARY

<b>Gauging date:</b>	08/26/04
<b>Sampling date:</b>	08/26/04
<b>Wells gauged and sampled:</b>	MW1 through MW7
<b>Concurrently sampled:</b>	No
<b>Laboratory:</b>	TestAmerica Incorporated, Nashville, Tennessee
<b>Analyses performed:</b>	EPA Method 8015B TPHd, TPHg EPA Method 8021B MTBE, BTEX EPA Method 8260B MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE

**DOCUMENT DISTRIBUTION**

ERI recommends forwarding copies of this report to:

Mr. Bob Schultz  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

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

Ms. Colleen Morf  
Zone 7 Water Agency  
5997 Parkside Drive  
Pleasanton, California 94588

Mr. Joseph A. Aldridge  
Valero Energy Corporation  
685 West Third Street  
Hanford, California 93230

**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 ExxonMobil, and any reliance on this report by third parties shall be at such party's sole risk.

Please call Mr. Robert A. Saur, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,  
Environmental Resolutions, Inc.



Lyz A. Cullmann  
Senior Staff Geologist



John B. Bobbitt  
R.G. 4313



- Attachments:
- Table 1A: Cumulative Groundwater Monitoring and Sampling Data
  - Table 1B: Additional Cumulative Groundwater Monitoring and Sampling Data
  
  - Plate 1: Site Vicinity Map
  - Plate 2: Generalized Site Plan
  - Plate 3: Groundwater Elevation Map Lower Water-Bearing Zone
  - Plate 4: Groundwater Elevation Map Upper Water-Bearing Zone
  
  - Attachment A: Groundwater Sampling Protocol
  - Attachment B: Laboratory Analytical Report and Chain-of-Custody Record

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 1 of 4)

Well ID#	Sampling	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE 8020/8021B	MTBE 8260B	B	T	E	X	
(TOC)	Date	<.....feet.....>	<.....ug/L.....>										
MW1 (340.86)	11/17/98	NLPH	21.90	318.96	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	
	03/15/99	NLPH	21.15	319.71	<50	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5	
	06/25/99	NLPH	20.34	320.52	a	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5	
	09/24/99	NLPH	20.42	320.44	<50	<50	24.6	---	<0.5	<0.5	<0.5	<0.5	
	12/22/99	NLPH	21.11	319.75	<61	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	03/07/00	NLPH	14.12	326.74	57	<50	220	---	<0.5	<0.5	<0.5	<0.5	
	06/06/00	NLPH	17.79	323.07	<50	<50	5.4	---	<0.5	<0.5	<0.5	<0.5	
	06/16/00	Property transferred to Valero Refining Company.											
	07/31/00	NLPH	19.02	321.84	<50	<50	51	38	<0.5	<0.5	<0.5	<0.5	
	10/10/00	NLPH	18.56	322.30	<50	<50	63	---	<0.5	<0.5	<0.5	<0.5	
	01/11/01	NLPH	21.43	319.43	<50	<50	110	98	<0.5	<0.5	<0.5	<0.5	
	04/11/01	NLPH	19.83	321.03	960a	<50	29	33	<0.5	<0.5	<0.5	<0.5	
	07/20/01	NLPH	20.50	320.36	<50	<50	27	20	<0.5	<0.5	<0.5	<0.5	
	10/19/01	NLPH	19.48	321.38	<50	<50	390	420	<0.5	<0.5	<0.5	<0.5	
	(340.86)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	19.72	321.14	<100	178	196	---	<0.50	<0.50	<0.50	<0.50	
	04/17/02	NLPH	22.17	318.89	<50	124	116.1	131	<0.5	<0.50	<0.50	<0.50	
	07/17/02	NLPH	22.51	318.35	<50	<50.0	5.1	8.76	<0.5	<0.5	<0.5	<0.5	
	10/24/02	NLPH	22.51	318.35	<50	217	574	302	<0.5	<0.5	<0.5	<0.5	
	03/21/03	NLPH	21.32	319.54	<50	70.9	---	83.4	<0.50	<0.5	<0.5	<0.5	
	04/10/03	NLPH	21.27	319.59	<51	67.2	---	71.0	<0.50	<0.5	<0.5	<0.5	
	07/17/03	NLPH	21.13	319.73	<50	88.9	---	44.6	<0.50	<0.5	<0.5	<0.5	
	10/09/03	NLPH	21.55	319.31	<50	<50.0	32.3	41.2	<0.50	<0.5	<0.5	<0.5	
	01/21/04	NLPH	19.96	320.90	<50	625	970	974	<0.50	<0.5	<0.5	<0.5	
	05/25/04	NLPH	22.11	318.75	<50	196	234	204	<0.50	<0.5	<0.5	<0.5	
	08/26/04	NLPH	21.28	319.58	57	148	153	153	<0.50	<0.5	<0.5	<0.5	
MW2 (340.61)	11/17/98	NLPH	20.42	320.19	91	<50	17	23	1.5	<0.5	0.98	2.8	
	03/15/99	NLPH	28.35	312.26	90	<50	12	12.5	0.73	1.1	2.4	2.2	
	06/25/99	NLPH	25.20	315.41	a	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5	
	09/24/99	NLPH	23.93	316.68	<50	<50	3.06	---	<0.5	<0.5	<0.5	<0.5	
	12/22/99	NLPH	23.39	317.22	<56	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	03/07/00	NLPH	17.08	323.53	52	<50	<2	---	<0.5	0.80	<0.5	<0.5	
	06/06/00	NLPH	21.01	319.60	<60	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	06/16/00	Property transferred to Valero Refining Company.											
	07/31/00	NLPH	22.08	318.53	<50	<50	6.8	<5	<0.5	<0.5	<0.5	<0.5	
	10/10/00	NLPH	22.35	318.26	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	01/11/01	NLPH	23.74	316.87	<50	<50	<2	---	0.54	<0.5	<0.5	<0.5	
	04/11/01	NLPH	22.34	318.27	760a	<50	<2	---	<0.5	1.4	<0.5	<0.5	
	07/20/01	NLPH	23.74	316.87	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	10/19/01	NLPH	22.68	317.93	<60	<50	<2	---	<0.5	<0.5	<0.5	<0.5	
	(340.16)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	20.79	319.37	<50.0	<50.0	0.70	---	<0.50	<0.50	<0.50	<0.50	
	04/17/02	NLPH	25.52	314.64	<50	<50.0	4.20	4.35	<0.5	0.90	<0.50	<0.50	
	07/17/02	NLPH	28.18	311.98	<50	<50.0	9.4	10.3	<0.5	0.6	2.4	2.0	
	10/24/02	NLPH	28.42	311.74	<50	<50.0	8.6	9.30	<0.5	<0.5	<0.5	<0.5	
	03/21/03	NLPH	23.54	316.62	<50	<50.0	---	<0.50	1.10	0.5	1.3	2.2	
	04/10/03	NLPH	28.19	311.97	<50	<50.0	---	2.10	0.60	0.5	0.8	1.0	
	7/17/2003	NLPH	24.13	316.03	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5	
	10/9/2003	NLPH	26.21	313.95	90	<50.0	0.6	0.60	<0.50	<0.5	<0.5	<0.5	
	1/21/2004	NLPH	22.40	317.76	<50	<50.0	<0.5	<0.50	0.50	<0.5	<0.5	<0.5	
	5/25/2004	NLPH	25.17	314.99	<50	<50.0	1.2	1.8	<0.50	<0.5	0.8	1.3	
	8/26/2004	NLPH	27.56	312.60	<50	<50.0	<0.5	<0.50	<0.50	<0.5	<0.5	<0.5	
MW3 (342.95)	11/17/98	NLPH	36.58	306.37	120	<50	180	220	<0.5	<0.5	<0.5	<0.5	
	03/15/99	NLPH	40.01	302.94	180	<50	290	314	<0.5	<0.5	<0.5	<0.5	
	06/25/99	NLPH	46.83	296.12	a	<50	107	113	<0.5	<0.5	<0.5	<0.5	
	9/24/99 <sup>b</sup>	NLPH	47.71	295.24	---	---	---	---	---	---	---	---	
	12/22/99	NLPH	43.82	299.13	140	<50	65	---	<0.5	<0.5	<0.5	<0.5	
	03/07/00	NLPH	32.75	310.20	<50	<50	82	---	<0.5	0.88	<0.5	<0.5	
	06/06/00	NLPH	36.05	306.90	<50	<50	140	---	<0.5	<0.5	0.82	<0.5	
	06/16/00	Property transferred to Valero Refining Company.											

**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 2 of 4)

Well ID#	Sampling	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE 8020/8021B	MTBE 8260B	B	T	E	X	
(TOC)	Date	<.....feet.....>			<.....ug/L.....>								
MW3 (342.95)	07/31/00	NLPH	36.77	306.18	<50	<50	230	160	<0.5	<0.5	<0.5	<0.5	
	10/10/00	NLPH	35.82	307.13	<50	<50	200	---	<0.5	<0.5	<0.5	<0.5	
	01/11/01	NLPH	38.08	304.87	<50	<50	280	230	<0.5	<0.5	<0.5	<0.5	
	04/11/01	NLPH	36.03	306.92	1,000e	<50	240	280	<0.5	<0.5	<0.5	<0.5	
	07/20/01	NLPH	36.05	306.90	<50	270	240	190	<0.5	<0.5	<0.5	<0.5	
	10/19/01	NLPH	34.58	308.37	<50	<50	180	190	<0.5	<0.5	<0.5	<0.5	
	(342.95)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	34.96	307.99	<100	167	179	---	<0.50	<0.50	<0.50	<0.50	
	04/17/02	NLPH	38.21	304.74	<50	194	179.3	216	<0.5	<0.50	<0.50	<0.50	
	07/17/02	g	g	g	<50h	163h	185	198h	<0.5h	<0.5h	<0.5h	<0.5h	
	10/24/02	NLPH	38.68	304.27	<50	128	163	183	<0.5	<0.5	<0.5	<0.5	
	03/21/03	NLPH	36.50	306.45	<50	119	---	141	<0.50	<0.5	<0.5	<0.5	
	04/10/03	NLPH	36.82	306.13	<53	119	---	130	<0.50	<0.5	<0.5	<0.5	
	07/17/03	NLPH	37.98	304.97	---	---	---	---	---	---	---	---	
	07/18/03	NLPH	---	---	<50	142	---	123	<0.50	<0.5	<0.5	<0.5	
	10/09/03	NLPH	38.5	304.45	<50	120	122	147	<0.50	<0.5	<0.5	<0.5	
	01/21/04	NLPH	35.45	307.50	94	90.6	118	148	<0.50	<0.5	<0.5	<0.5	
	05/25/04	NLPH	38.07	304.88	<0.50	139	170	146	<0.50	<0.5	<0.5	<0.5	
	08/26/04	NLPH	36.00	306.95	112	163	169	165	<0.50	<0.5	<0.5	<0.5	
	MW4 (342.96)	11/17/98	NLPH	50.20	292.76	72	<50	4.1	3.5	<0.5	<0.5	<0.5	<0.5
03/15/99		NLPH	47.93	295.03	91	<50	280	260	<0.5	<0.5	<0.5	<0.5	
6/25/99 <sup>b</sup>		NLPH	48.15	294.81	---	---	---	---	---	---	---	---	
9/24/99 <sup>b</sup>		NLPH	49.29	293.67	---	---	---	---	---	---	---	---	
12/22/99		NLPH	49.33	293.63	b	---	---	---	---	---	---	---	
03/07/00		NLPH	49.05	293.91	190	<50	710	---	<0.5	0.84	<0.5	<0.5	
06/06/00		NLPH	49.02	293.94	110	<50	460	---	<0.5	<0.5	<0.5	<0.5	
06/16/00		Property transferred to Valero Refining Company.											
07/31/00		NLPH	49.13	293.83	<50	<50	480	490	<0.5	<0.5	<0.5	<0.5	
10/10/00		NLPH	40.08	302.88	c	c	c	c	c	c	c	c	
01/11/01		NLPH	36.41	306.55	110	<50	27	21	<0.5	<0.5	<0.5	<0.5	
04/11/01		NLPH	36.43	306.53	870e	<50	3.6	14	<0.5	0.56	<0.5	<0.5	
07/20/01		f	---	---	---	---	---	---	---	---	---	---	
10/19/01		NLPH	33.67	309.29	71	<50	15	16	<0.5	<0.5	<0.5	<0.5	
(342.96)		Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
01/28/02		NLPH	33.11	309.85	148	<50.0	18.7	---	<0.50	<0.50	<0.50	<0.50	
04/17/02		NLPH	36.03	306.93	<50	<50.0	19.10	23.4	<0.5	<0.50	<0.50	<0.50	
07/17/02		NLPH	37.65	305.31	<50	<50.0	16.7	15.8	<0.5	<0.5	<0.5	<0.5	
10/24/02		NLPH	37.41	305.55	<50	<50.0	8.7	8.90	<0.5	<0.5	<0.5	<0.5	
03/21/03		NLPH	36.18	306.78	<56	<50.0	---	14.2	<0.50	<0.5	<0.5	<0.5	
04/10/03	NLPH	36.55	306.41	<51	<50.0	---	15.3	<0.50	<0.5	<0.5	<0.5		
07/17/03	NLPH	36.45	306.51	<50	<50.0	---	11.4	<0.50	<0.5	<0.5	<0.5		
10/09/03	NLPH	37.7	305.26	<50	<50.0	8.5	6.90	<0.50	<0.5	<0.5	<0.5		
01/21/04	NLPH	35.78	307.18	<50	<50.0	8.4	9.40	<0.50	<0.5	<0.5	<0.5		
05/25/04	NLPH	35.88	307.08	<50	<50.0	18.0	14.40	<0.50	<0.5	<0.5	<0.5		
08/26/04	i	i	i	<50i	<50.0i	8.3	11.1i	<0.50i	<0.5i	<0.5i	<0.5i		
MW5 (342.87)	06/16/00	Property transferred to Valero Refining Company.											
	07/31/00	---	dry	dry	b	b	b	---	b	b	b	b	
	10/10/00	NLPH	29.12	313.75	150	<50	4.2	---	<0.5	<0.5	<0.5	<0.5	
	01/11/01	NLPH	28.89	313.98	b	b	b	---	b	b	b	b	
	04/11/01	NLPH	28.23	314.64	b	b	b	---	b	b	b	b	
	07/20/01	f	---	---	---	---	---	---	---	---	---	---	
	10/19/01	NLPH	27.62	315.25	86	<50	3.4	5	<0.5	<0.5	<0.5	<0.5	
	(342.87)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	28.04	314.83	<100	<50.0	5.90	---	<0.50	<0.50	<0.50	<0.50	
	04/17/02	NLPH	29.10	313.77	85	<50.0	5.60	6.7	<0.5	<0.50	<0.50	<0.50	
	07/17/02	NLPH	29.37	313.50	b	b	b	b	b	b	b	b	
	10/24/02	NLPH	29.36	313.51	b	b	b	b	b	b	b	b	
	03/21/03	NLPH	28.55	314.32	b	57.8	---	8.70	2.50	1.0	3.5	5.9	
	04/10/03	NLPH	29.10	313.77	b	56.1	---	7.20	5.50	3.0	2.9	4.3	
	07/17/03	NLPH	28.91	313.96	b	<0.50	---	12.0	1.00	<0.50	0.7	1.2	
	10/09/03	NLPH	29.17	313.70	<100	<50.0	5.5	4.50	<0.50	<0.5	<0.5	<0.5	
	01/21/04	NLPH	28.75	314.12	<50	<50.0	3.7	4.00	1.30	1.40	<0.5	2.4	
	05/25/04	NLPH	28.95	313.92	---	<50.0	3.6	2.90	0.70	0.7	1.8	2.9	
	08/26/04	i	i	i	<50i	<50.0i	5.1	5.20i	<0.50i	<0.5i	<0.5i	<0.5i	



**TABLE 1A**  
**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 4 of 4)

Notes:

TOC	=	Elevation of top of well casing; in feet above mean sea level.
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater in feet above mean sea level.
NLPH	=	No liquid-phase hydrocarbons present in well.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 5030/8015 (modified).
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
ug/L	=	Micrograms per liter.
<	=	Not detected at or above the stated laboratory method reporting limit.
---	=	Not analyzed/Not applicable.
a	=	No result because of sample loss during laboratory fire.
b	=	Well contained an insufficient amount of water to collect a sample or well was dry.
c	=	Samples were damaged during transportation to laboratory.
d	=	Analyzed using EPA Method 8260.
e	=	Diesel-range hydrocarbons detected in bailer blank; result is suspect.
f	=	Well inaccessible.
g	=	Due to equipment failure, DTW was not measured.
h	=	Grab sample; Equipment failure unable to purge well.
i	=	Groundwater elevation data invalidated; analytical results suspect.



**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 1 of 4)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW1	11/17/98	---	---	---	---	---	---
	03/15/99	---	---	---	---	---	---
	06/25/99	---	---	---	---	---	---
	09/24/99	---	---	---	---	---	---
	12/22/99	---	---	---	---	---	---
	03/07/00	---	---	---	---	---	---
	06/06/00	---	---	---	---	---	---
	06/16/00	---	---	---	---	---	---
	07/31/00	<10	<10	<500	<5	<5	<10
	10/10/00	---	---	---	---	---	---
	01/11/01	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	07/20/01	---	---	---	---	---	---
	10/19/01	---	---	---	---	---	---
	Nov-2001	---	---	---	---	---	---
	01/28/02	---	---	---	---	---	---
	04/17/02	---	---	---	---	---	---
	07/17/02	---	---	---	---	---	---
	10/24/02	---	---	---	---	---	---
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
01/21/04	<0.50	2.20	57.9	<0.50	<0.50	<0.50	
05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
<b>08/26/04</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	
MW2	11/17/98	---	---	---	---	---	---
	03/15/99	---	---	---	---	---	---
	06/25/99	---	---	---	---	---	---
	09/24/99	---	---	---	---	---	---
	12/22/99	---	---	---	---	---	---
	03/07/00	---	---	---	---	---	---
	06/06/00	---	---	---	---	---	---
	06/16/00	---	---	---	---	---	---
	07/31/00	<10	<10	<500	<5	<5	<10
	10/10/00	---	---	---	---	---	---
	01/11/01	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	07/20/01	---	---	---	---	---	---
	10/19/01	---	---	---	---	---	---
	Nov-2001	---	---	---	---	---	---
	01/28/02	---	---	---	---	---	---
	04/17/02	---	---	---	---	---	---
	07/17/02	---	---	---	---	---	---
	10/24/02	---	---	---	---	---	---
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
<b>08/26/04</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 2 of 4)

Well ID #	Sampling Date	ETBE	←-----ug/L-----→					DIPE
			TAME	TBA	EDB	1,2-DCA		
MW3	11/17/98	---	---	---	---	---	---	
	03/15/99	---	---	---	---	---	---	
	06/25/99	---	---	---	---	---	---	
	9/24/99 <sup>b</sup>	---	---	---	---	---	---	
	12/22/99	---	---	---	---	---	---	
	03/07/00	---	---	---	---	---	---	
	06/06/00	---	---	---	---	---	---	
	06/16/00	---	---	---	---	---	---	
	07/31/00	<10	<10	<500	<5	<5	<10	
	10/10/00	---	---	---	---	---	---	
	01/11/01	---	---	---	---	---	---	
	04/11/01	---	---	---	---	---	---	
	07/20/01	---	---	---	---	---	---	
	10/19/01	---	---	---	---	---	---	
	Nov-2001	---	---	---	---	---	---	
	01/28/02	---	---	---	---	---	---	
	04/17/02	---	---	---	---	---	---	
	07/17/02	---	---	---	---	---	---	
	10/24/02	---	---	---	---	---	---	
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	07/18/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
<b>08/26/04</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;10.0</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>		
MW4	11/17/98	---	---	---	---	---	---	
	03/15/99	---	---	---	---	---	---	
	6/25/99 <sup>b</sup>	---	---	---	---	---	---	
	9/24/99 <sup>b</sup>	---	---	---	---	---	---	
	12/22/99	---	---	---	---	---	---	
	03/07/00	---	---	---	---	---	---	
	06/06/00	---	---	---	---	---	---	
	06/16/00	---	---	---	---	---	---	
	07/31/00	<10	<10	<500	<5	<5	<10	
	10/10/00	---	---	---	---	---	---	
	01/11/01	---	---	---	---	---	---	
	04/11/01	---	---	---	---	---	---	
	07/20/01	---	---	---	---	---	---	
	10/19/01	---	---	---	---	---	---	
	Nov-2001	---	---	---	---	---	---	
	01/28/02	---	---	---	---	---	---	
	04/17/02	---	---	---	---	---	---	
	07/17/02	---	---	---	---	---	---	
	10/24/02	---	---	---	---	---	---	
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50	
	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
	<b>08/26/04</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;10.0i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 3 of 4)

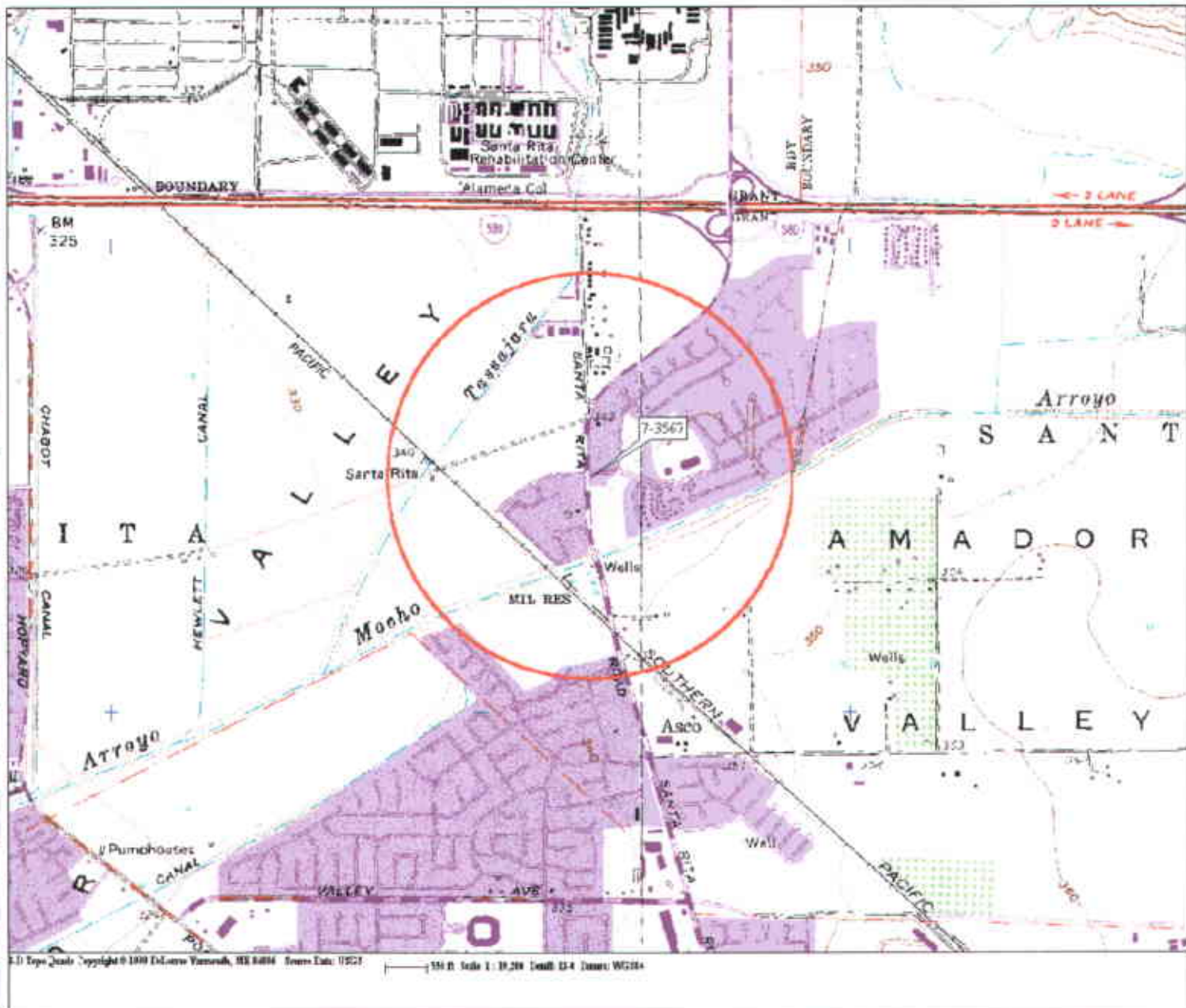
Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW5	06/16/00	---	---	---	---	---	---
	07/31/00	<10	<10	<500	<5	<5	<10
	10/10/00	---	---	---	---	---	---
	01/11/01	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	07/20/01	---	---	---	---	---	---
	10/19/01	---	---	---	---	---	---
	Nov-2001	---	---	---	---	---	---
	01/28/02	---	---	---	---	---	---
	04/17/02	---	---	---	---	---	---
	07/17/02	---	---	---	---	---	---
	10/24/02	---	---	---	---	---	---
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50
05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
<b>08/26/04</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;10.0i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	
MW6	06/16/00	---	---	---	---	---	---
	07/31/00	<10	<10	<500	<5	<5	<10
	10/10/00	---	---	---	---	---	---
	01/11/01	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	07/20/01	---	---	---	---	---	---
	10/19/01	---	---	---	---	---	---
	Nov-2001	---	---	---	---	---	---
	01/28/02	---	---	---	---	---	---
	04/17/02	---	---	---	---	---	---
	07/17/02	---	---	---	---	---	---
	10/24/02	---	---	---	---	---	---
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50
05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
<b>08/26/04</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;10.0i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	
MW7	06/16/00	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	04/11/01	---	---	---	---	---	---
	07/20/01	---	---	---	---	---	---
	10/19/01	---	---	---	---	---	---
	01/28/02	---	---	---	---	---	---
	04/17/02	---	---	---	---	---	---
	07/17/02	---	---	---	---	---	---
	10/24/02	---	---	---	---	---	---
	03/21/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	04/10/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	07/17/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	10/09/03	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	01/21/04	<0.50	<0.50	<10	<0.50	<0.50	<0.50
	05/25/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	<b>08/26/04</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;10.0i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>	<b>&lt;0.50i</b>

**TABLE 1B**  
**ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**  
Former Exxon Service Station 7-3567  
3192 Santa Rita Road  
Pleasanton, California  
(Page 4 of 4)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW8	06/16/00	b	b	b	b	b	b
	07/31/00	<10	<10	<500	<5	<5	<10
	10/10/00	b	b	b	b	b	b
	01/11/01	b	b	b	b	b	b
	04/11/01	b	b	b	b	b	b
	07/20/01	b	b	b	b	b	b
	10/19/01	b	b	b	b	b	b
	Nov-2001	b	b	b	b	b	b
	01/28/02	b	b	b	b	b	b
	04/17/02	b	b	b	b	b	b
	07/17/02	b	b	b	b	b	b
	10/24/02	b	b	b	b	b	b
	03/21/03	b	b	b	b	b	b
	04/10/03	b	b	b	b	b	b
	07/17/03	b	b	b	b	b	b
	10/09/03	b	b	b	b	b	b
	01/21/04	b	b	b	b	b	b
	05/25/04	b	b	b	b	b	b
08/26/04	b	b	b	b	b	b	


Notes:

TOC	=	Elevation of top of well casing; in feet above mean sea level.
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater in feet above mean sea level.
NLPH	=	No liquid-phase hydrocarbons present in well.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 5030/8015 (modified).
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
EDB	=	1,2-dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-dichloroethane analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
ug/L	=	Micrograms per liter.
<	=	Not detected at or above the stated laboratory method reporting limit.
---	=	Not analyzed/Not applicable.
a	=	No result because of sample loss during laboratory fire.
b	=	Well contained an insufficient amount of water to collect a sample or well was dry.
c	=	Samples were damaged during transportation to laboratory.
d	=	Analyzed using EPA Method 8260.
e	=	Diesel-range hydrocarbons detected in bailer blank; result is suspect.
f	=	Well inaccessible.
g	=	Due to equipment failure, DTW was not measured.
h	=	Grab sample; Equipment failure unable to purge well.
i	=	Groundwater elevation data invalidated; analytical results suspect.

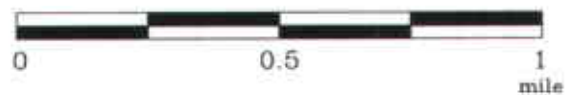


FN 2431Topo

**EXPLANATION**

 1/2-mile radius circle

**APPROXIMATE SCALE**



SOURCE:  
Modified from a map  
provided by  
DeLorme 3-D TopoQuads

**SITE VICINITY MAP**

FORMER EXXON SERVICE STATION 7-3567  
3192 Santa Rita Road  
Pleasanton, California

**PROJECT NO.**

2431

**PLATE**

1

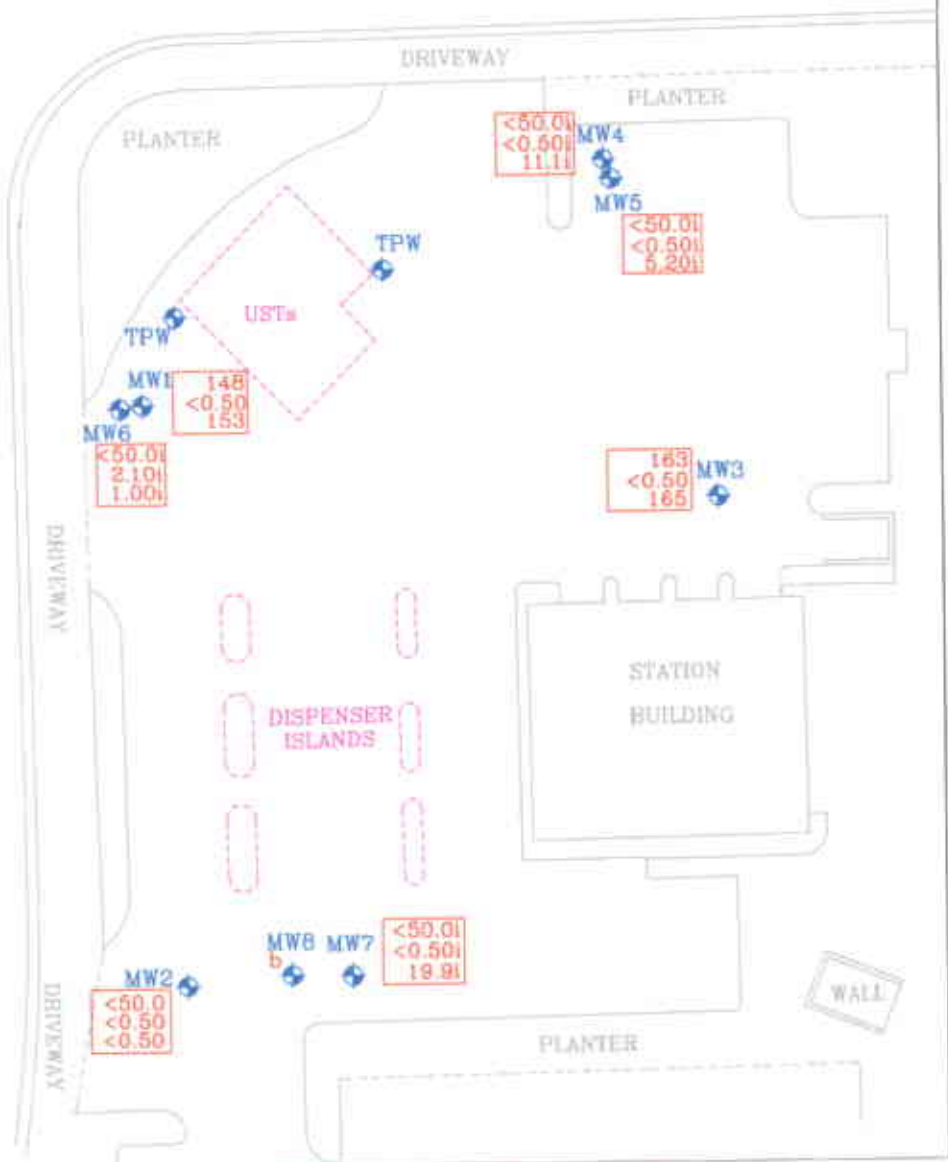


APPROXIMATE SCALE



LAS POSITAS BOULEVARD

SANTA RITA ROAD



SOURCE:  
Modified from a map  
provided by  
Morrow Surveying

FN 24310003\_QM

**EXPLANATION**

- Groundwater Monitoring Well
- Tank Pit Well

Analyte Concentrations in ug/L  
Sampled August 28, 2004

- 163 Total Petroleum Hydrocarbons as Gasoline
- <0.50 Benzene
- 165 Methyl Tertiary Butyl Ether (EPA Method 8260B)
- < Less Than the Stated Laboratory Reporting Limit
- ug/L Micrograms per Liter
- b Well contained an insufficient amount of water to collect a sample or well was dry.
- i Groundwater elevation data indicated; analytical results suspect.



**GENERALIZED SITE PLAN**

FORMER EXXON SERVICE STATION 7-3567  
3192 Santa Rita Road  
Pleasanton, California

**PROJECT NO.**  
2431

**PLATE**  
2

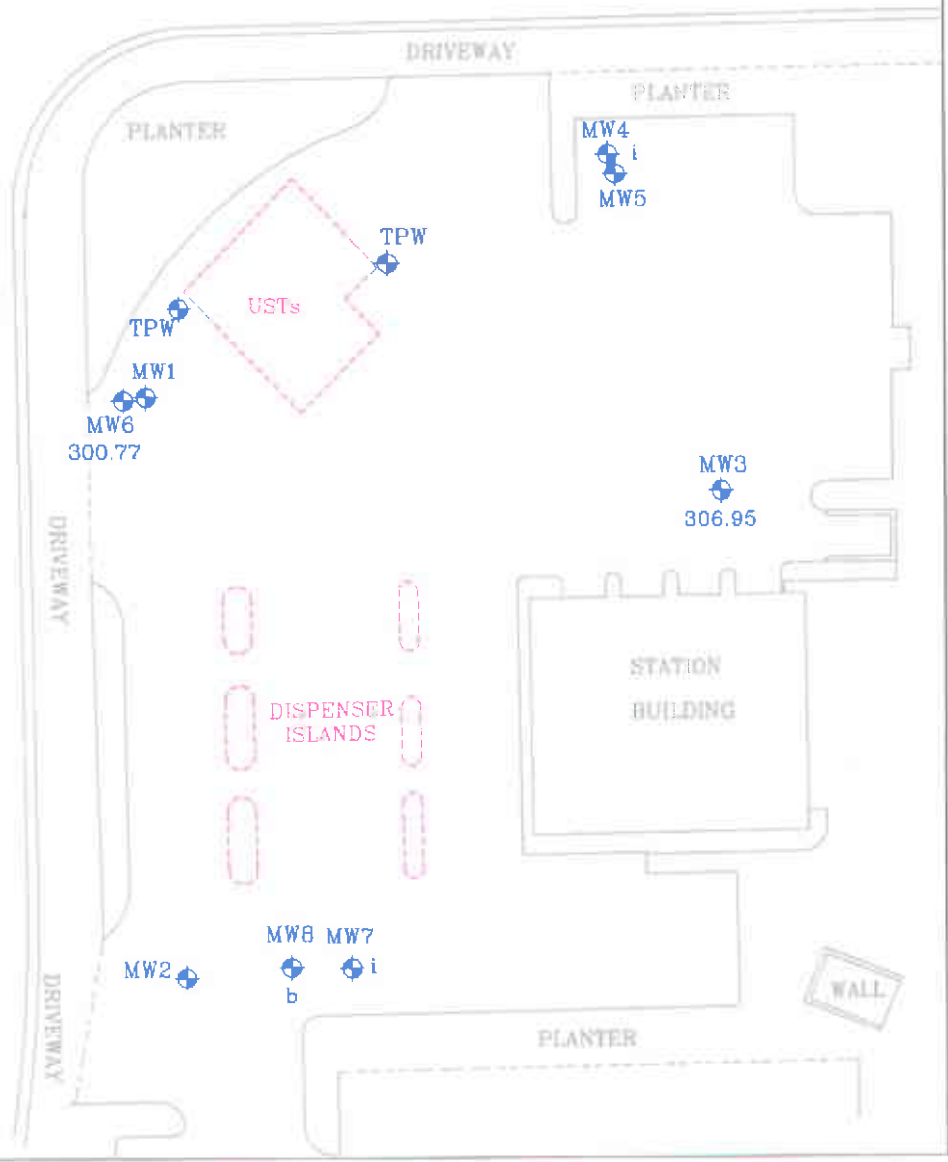
APPROXIMATE SCALE



LAS POSITAS BOULEVARD



SANTA RITA ROAD



SOURCE:  
Modified from a map  
provided by  
Morrow Surveying

FN 24310003\_QM

**EXPLANATION**

- MW7 Groundwater Monitoring Well
- i Groundwater elevation in feet; datum is mean sea level
- TPW Tank Pit Well
- b Well contained an insufficient amount of water to collect a sample or well was dry
- i = Groundwater elevation data invalidated; analytical results suspect.



**GROUNDWATER ELEVATION MAP  
LOWER WATER-BEARING ZONE  
August 26, 2004**

FORMER EXXON SERVICE STATION 7-3587  
3192 Santa Rita Road  
Pleasanton, California

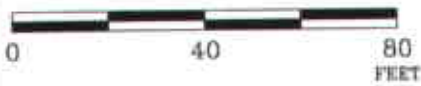
**PROJECT NO.**

2431

**PLATE**

3

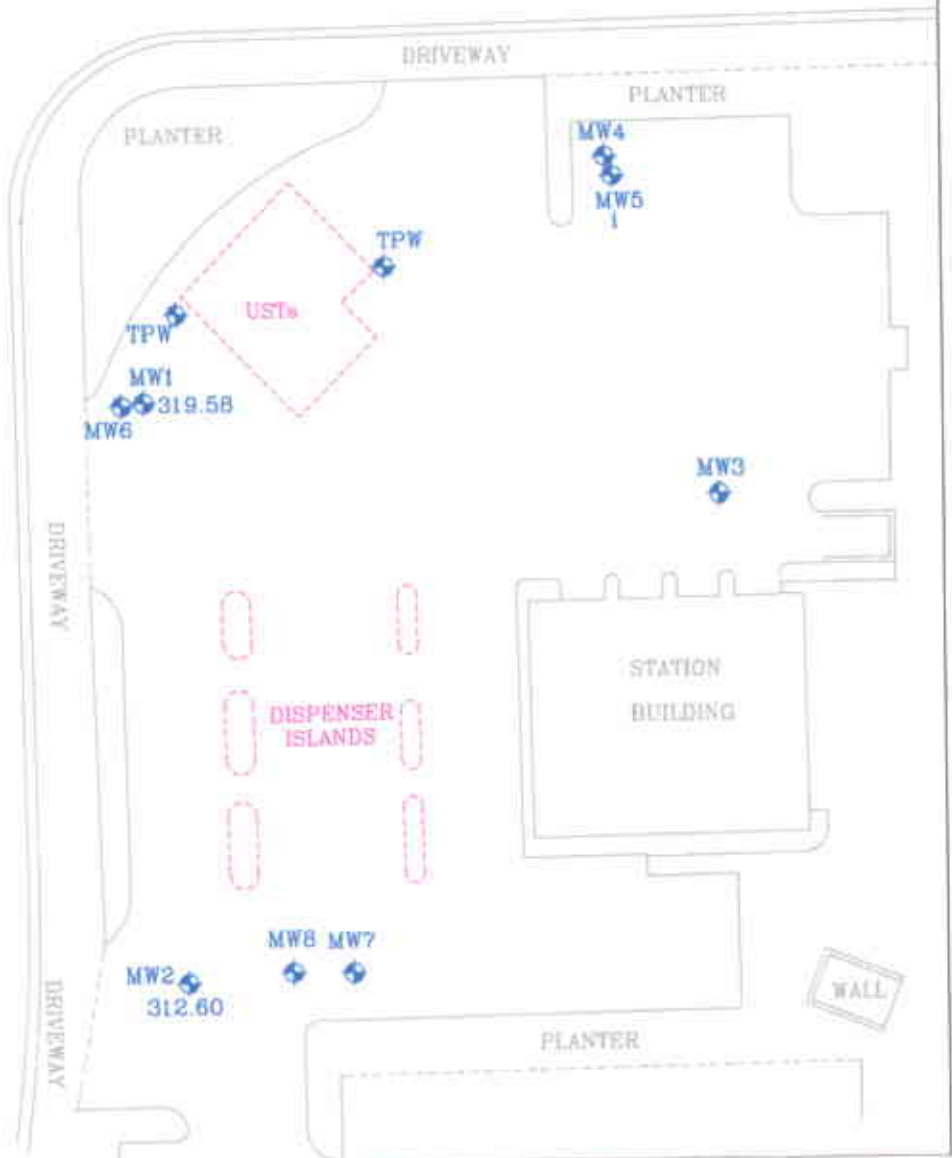
APPROXIMATE SCALE



LAS POSITAS BOULEVARD



SANTA RITA ROAD



SOURCE:  
Modified from a map  
provided by  
Morrow Surveying

FN 24310003\_QM

**EXPLANATION**

- MW5  
 Groundwater Monitoring Well  
Groundwater elevation in feet;  
datum is mean sea level
- TPW  
 Tank Pit Well

i = Groundwater elevation data invalidated;  
analytical results suspect.



**GROUNDWATER ELEVATION MAP  
UPPER WATER-BEARING ZONE  
August 26, 2004**

FORMER EXXON SERVICE STATION 7-3567  
3192 Santa Rita Road  
Pleasanton, California

PROJECT NO.

2431

PLATE

4



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

## GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with a 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 top of casing elevations.

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

Before water samples are collected from the groundwater monitoring wells, the wells are purged until a minimum of three well casing volumes is purged and stabilization of the temperature, pH, and conductivity is 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
$\pi$	=	ratio of the circumference of a circle to its diameter

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

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples." Water samples are collected with a new, disposable Teflon® or polypropylene bailer. The groundwater is carefully poured into selected sample containers (40-milliliter [ml] glass vials, 1,000-ml glass amber bottles, etc.), which are filled so as to produce a positive meniscus.

Depending on the required analysis, each sample container is preserved with hydrochloric acid, nitric acid, etc., or it is preservative free. The type of preservative used for each sample is specified on the Chain-of-Custody form.

Each vial and glass amber bottle is 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 state-certified laboratory.

**ATTACHMENT B**

**LABORATORY ANALYTICAL REPORT  
AND CHAIN-OF-CUSTODY RECORD**

9/ 3/04

CASE NARRATIVE

SEP 07 2004

ERI - NORTHERN CA 3876  
ROB SAUR  
601 NORTH MCDOWELL BLVD.  
PETALUMA, CA 94954

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 7-3567  
Project Number: 243113X.  
Laboratory Project Number: 387767.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Page 1 Collection Date
MW1	04-A134304	8/26/04
MW2	04-A134305	8/26/04
MW3	04-A134306	8/26/04
MW4	04-A134307	8/26/04
MW5	04-A134308	8/26/04
MW6	04-A134309	8/26/04
MW7	04-A134310	8/26/04

# TestAmerica

ANALYTICAL TESTING CORPORATION

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Sample Identification  
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Lab Number  
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Page 2  
Collection Date  
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Report Approved By: \_\_\_\_\_

*Roxanne L. Connor*

Report Date: 9/ 3/04

Johnny A. Mitchell, Operations Manager  
Michael H. Dunn, M.S., Technical Director  
Pamela A. Langford, Technical Services  
Eric S. Smith, QA/QC Director  
Sandra McMillin, Technical Services

Gail A. Lage, Technical Services  
Glenn L. Norton, Technical Services  
Kelly S. Comstock, Technical Services  
Roxanne L. Connor, Technical Services  
Mark Hollingsworth, Director of Project

Laboratory Certification Number: 01168CA

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## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
ROB SAUR  
601 NORTH MCDOWELL BLVD.  
PETALUMA, CA 94954

Lab Number: 04-A134304  
Sample ID: MW1  
Sample Type: Water  
Site ID: 7-3567

Project: 243113X  
Project Name: EXXONMOBIL 7-3567  
Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
Time Collected: 15:40  
Date Received: 8/31/04  
Time Received: 8:00

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
Benzene	ND	ug/l	0.50	1.0	8/31/04	23:59	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	8/31/04	23:59	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	8/31/04	23:59	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	8/31/04	23:59	I. Ahmed	8021B	7008
Methyl-t-butylether	153.	ug/l	0.5	1.0	8/31/04	23:59	I. Ahmed	8021B	7008
TPH (Gasoline Range)	148.	ug/l	50.0	1.0	8/31/04	23:59	I. Ahmed	8015B	7008
TPH (Diesel Range)	57.	ug/l	50.	1.0	9/ 2/04	19:52	B. Yanna	8015B/3510	9764
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	4:10	C. Wani	8260B	443
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443
Methyl-t-butyl ether	153.	ug/l	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	4:10	C. Wani	8260B	443

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	85.	55. - 133.

## ANALYTICAL REPORT

Laboratory Number: 04-A134304

Sample ID: MW1

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Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TFT	83.	70. - 123.
VOA Surr 1,2-DCA-d4	78.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	94.	79. - 125.
VOA Surr, DBFM	97.	75. - 134.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

TPH-Diesel result was not consistent with diesel fuel.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 ROB SAUR  
 601 NORTH MCDOWELL BLVD.  
 PETALUMA, CA 94954

Lab Number: 04-A134305  
 Sample ID: MW2  
 Sample Type: Water  
 Site ID: 7-3567

Project: 243113X  
 Project Name: EXXONMOBIL 7-3567  
 Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
 Time Collected: 14:20  
 Date Received: 8/31/04  
 Time Received: 8:00

Analyte	Result	Units	Report	Dil	Analysis	Analysis	Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
Benzene	ND	ug/l	0.50	1.0	9/ 1/04	0:13	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 1/04	0:13	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	9/ 1/04	0:13	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 1/04	0:13	I. Ahmed	8021B	7008
Methyl-t-butylether	ND	ug/l	0.5	1.0	9/ 1/04	0:13	I. Ahmed	8021B	7008
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 1/04	0:13	I. Ahmed	8015B	7008
TPH (Diesel Range)	ND	ug/l	50.	1.0	9/ 2/04	20:07	B. Yanna	8015B/3510	9764
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	8:36	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430
Methyl-t-butyl ether	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	8:36	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	69.	55. - 133.



**ANALYTICAL REPORT**

Laboratory Number: 04-A134305  
Sample ID: MW2

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Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TFT	70.	70. - 123.
VOA Surr 1,2-DCA-d4	78.	73. - 127.
VOA Surr Toluene-d8	90.	79. - 113.
VOA Surr, 4-BFB	92.	79. - 125.
VOA Surr, DBFM	95.	75. - 134.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 ROB SAUR  
 601 NORTH MCDOWELL BLVD.  
 PETALUMA, CA 94954

Lab Number: 04-A134306  
 Sample ID: MW3  
 Sample Type: Water  
 Site ID: 7-3567

Project: 243113X  
 Project Name: EXXONMOBIL 7-3567  
 Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
 Time Collected: 16:00  
 Date Received: 8/31/04  
 Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Benzene	ND	ug/l	0.50	1.0	9/ 1/04	0:28	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 1/04	0:28	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	9/ 1/04	0:28	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 1/04	0:28	I. Ahmed	8021B	7008
Methyl-t-butylether	169.	ug/l	0.5	1.0	9/ 1/04	0:28	I. Ahmed	8021B	7008
TPH (Gasoline Range)	163.	ug/l	50.0	1.0	9/ 1/04	0:28	I. Ahmed	8015B	7008
TPH (Diesel Range)	112.	ug/l	50.	1.0	9/ 2/04	20:23	B. Yanna	8015B/3510	9764
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	9:06	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430
Methyl-t-butyl ether	165.	ug/l	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	9:06	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	WL/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	88.	55. - 133.

**ANALYTICAL REPORT**

Laboratory Number: 04-A134306  
Sample ID: MW3

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Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TFT	82.	70. - 123.
VOA Surr 1,2-DCA-d4	76.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	90.	79. - 125.
VOA Surr, DBFM	94.	75. - 134.

LABORATORY COMMENTS:

- ND = Not detected at the report limit.
  - B = Analyte was detected in the method blank.
  - J = Estimated Value below Report Limit.
  - E = Estimated Value above the calibration limit of the instrument.
  - # = Recovery outside Laboratory historical or method prescribed limits.
- TPH-Diesel result was not consistent with diesel fuel.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 ROB SAUR  
 601 NORTH MCDOWELL BLVD.  
 PETALUMA, CA 94954

Lab Number: 04-A134307  
 Sample ID: MW4  
 Sample Type: Water  
 Site ID: 7-3567

Project: 243113X  
 Project Name: EXXONMOBIL 7-3567  
 Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
 Time Collected: 15:00  
 Date Received: 8/31/04  
 Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/l	0.50	1.0	9/ 1/04	0:42	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 1/04	0:42	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	9/ 1/04	0:42	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 1/04	0:42	I. Ahmed	8021B	7008
Methyl-t-butylether	8.3	ug/l	0.5	1.0	9/ 1/04	0:42	I. Ahmed	8021B	7008
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 1/04	0:42	I. Ahmed	8015B	7008
TPH (Diesel Range)	ND	ug/l	50.	1.0	9/ 2/04	20:39	B. Yanna	8015B/3510	9764
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	9:36	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430
Methyl-t-butyl ether	11.1	ug/l	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	9:36	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRG analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	72.	55. - 133.

## ANALYTICAL REPORT

Laboratory Number: 04-A134307  
Sample ID: MW4

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Surrogate -----	% Recovery -----	Target Range -----
BTEX/GRO Surr., a,a,a-TFT	74.	70. - 123.
VOA Surr 1,2-DCA-d4	80.	73. - 127.
VOA Surr Toluene-d8	90.	79. - 113.
VOA Surr, 4-BFB	95.	79. - 125.
VOA Surr, DBFM	98.	75. - 134.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 ROB SAUR  
 601 NORTH MCDOWELL BLVD.  
 PETALUMA, CA 94954

Lab Number: 04-A134308  
 Sample ID: MW5  
 Sample Type: Water  
 Site ID: 7-3567

Project: 243113X  
 Project Name: EXXONMOBIL 7-3567  
 Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
 Time Collected: 14:40  
 Date Received: 8/31/04  
 Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
*ORGANIC PARAMETERS*									
Benzene	ND	ug/l	0.50	1.0	9/ 1/04	0:57	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 1/04	0:57	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	9/ 1/04	0:57	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 1/04	0:57	I. Ahmed	8021B	7008
Methyl-t-butylether	5.1	ug/l	0.5	1.0	9/ 1/04	0:57	I. Ahmed	8021B	7008
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 1/04	0:57	I. Ahmed	8015B	7008
TPH (Diesel Range)	ND	ug/l	50.	1.0	9/ 2/04	20:55	B. Yanna	8015B/3510	9764
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	10:05	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430
Methyl-t-butyl ether	5.20	ug/l	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	10:05	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	71.	55. - 133.

## ANALYTICAL REPORT

Laboratory Number: 04-A134308

Sample ID: MW5

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Surrogate	% Recovery	Target Range
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BTEX/GRO Surr., a,a,a-TFT	91.	70. - 123.
VOA Surr 1,2-DCA-d4	78.	73. - 127.
VOA Surr Toluene-d8	92.	79. - 113.
VOA Surr, 4-BFB	94.	79. - 125.
VOA Surr, DBFM	92.	75. - 134.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
 ROB SAUR  
 601 NORTH MCDOWELL BLVD.  
 PETALUMA, CA 94954

Lab Number: 04-A134309  
 Sample ID: MW6  
 Sample Type: Water  
 Site ID: 7-3567

Project: 243113X  
 Project Name: EXXONMOBIL 7-3567  
 Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
 Time Collected: 14:00  
 Date Received: 8/31/04  
 Time Received: 8:00

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
*ORGANIC PARAMETERS*									
Benzene	2.10	ug/l	0.50	1.0	9/ 1/04	1:11	I. Ahmed	8021B	7008
Ethylbenzene	0.8	ug/l	0.5	1.0	9/ 1/04	1:11	I. Ahmed	8021B	7008
Toluene	0.9	ug/l	0.5	1.0	9/ 1/04	1:11	I. Ahmed	8021B	7008
Xylenes (Total)	2.9	ug/l	0.5	1.0	9/ 1/04	1:11	I. Ahmed	8021B	7008
Methyl-t-butylether	0.6	ug/l	0.5	1.0	9/ 1/04	1:11	I. Ahmed	8021B	7008
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 1/04	1:11	I. Ahmed	8015B	7008
TPH (Diesel Range)	114.	ug/l	50.	1.0	9/ 2/04	21:11	B. Yanna	8015B/3510	9764
*VOLATILE ORGANICS*									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	11:30	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430
Methyl-t-butyl ether	1.00	ug/l	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	11:30	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	60.	55. - 133.



## ANALYTICAL REPORT

Laboratory Number: 04-A134309  
Sample ID: MW6

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Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TFT	71.	70. - 123.
VOA Surr 1,2-DCA-d4	78.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	92.	79. - 125.
VOA Surr, DBEM	91.	75. - 134.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

TPH-Diesel result was not consistent with diesel fuel.

End of Sample Report.

## ANALYTICAL REPORT

ERI - NORTHERN CA 3876  
ROB SAUR  
601 NORTH MCDOWELL BLVD.  
PETALUMA, CA 94954

Lab Number: 04-A134310  
Sample ID: MW7  
Sample Type: Water  
Site ID: 7-3567

Project: 243113X  
Project Name: EXXONMOBIL 7-3567  
Sampler: TREVOR THOMAS

Date Collected: 8/26/04  
Time Collected: 15:20  
Date Received: 8/31/04  
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
Benzene	ND	ug/l	0.50	1.0	9/ 1/04	1:26	I. Ahmed	8021B	7008
Ethylbenzene	ND	ug/l	0.5	1.0	9/ 1/04	1:26	I. Ahmed	8021B	7008
Toluene	ND	ug/l	0.5	1.0	9/ 1/04	1:26	I. Ahmed	8021B	7008
Xylenes (Total)	ND	ug/l	0.5	1.0	9/ 1/04	1:26	I. Ahmed	8021B	7008
Methyl-t-butylether	20.4	ug/l	0.5	1.0	9/ 1/04	1:26	I. Ahmed	8021B	7008
TPH (Gasoline Range)	ND	ug/l	50.0	1.0	9/ 1/04	1:26	I. Ahmed	8015B	7008
TPH (Diesel Range)	322.	ug/l	50.	1.0	9/ 2/04	21:27	B. Yanna	8015B/3510	9764
<b>*VOLATILE ORGANICS*</b>									
Ethyl-t-butylether	ND	ug/l	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430
tert-amyl methyl ether	ND	ug/L	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430
Tertiary butyl alcohol	ND	ug/l	10.0	1.0	9/ 2/04	12:00	C. Wani	8260B	430
1,2-Dibromoethane	ND	ug/l	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430
1,2-Dichloroethane	ND	ug/l	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430
Methyl-t-butyl ether	19.9	ug/l	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430
Diisopropyl ether	ND	ug/l	0.50	1.0	9/ 2/04	12:00	C. Wani	8260B	430

Silica Gel Cleanup performed for TPH-DRO analysis.

### Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
EPH	1000 ml	1.00 ml	9/ 2/04		J. Davis	3510

Surrogate	% Recovery	Target Range
TPH Ki Surr., o-Terphenyl	78.	55. - 133.

## ANALYTICAL REPORT

Laboratory Number: 04-A134310  
Sample ID: MW7

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Surrogate	% Recovery	Target Range
-----	-----	-----
BTEX/GRO Surr., a,a,a-TET	84.	70. - 123.
VOA Surr 1,2-DCA-d4	74.	73. - 127.
VOA Surr Toluene-d8	91.	79. - 113.
VOA Surr, 4-BFB	92.	79. - 125.
VOA Surr, DBEM	95.	75. - 134.

### LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

# = Recovery outside Laboratory historical or method prescribed limits.

TPH-Diesel result was not consistent with diesel fuel.

End of Sample Report.

**PROJECT QUALITY CONTROL DATA**  
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**Project Name: EXXONMOBIL 7-3567**  
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Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
**UST ANALYSIS**								
Benzene	mg/l	< 0.00050	0.0537	0.0500	107	50. - 160.	7008	04-A134310
Toluene	mg/l	< 0.0005	0.0516	0.0500	103	51. - 157.	7008	04-A134310
Ethylbenzene	mg/l	< 0.0005	0.0510	0.0500	102	47. - 159.	7008	04-A134310
Xylenes (Total)	mg/l	< 0.0005	0.0974	0.100	97	51. - 152.	7008	04-A134310
Methyl-t-butylether	mg/l	0.0204	0.0614	0.0500	82	36. - 159.	7008	04-A134310
TPH (Gasoline Range)	mg/l	< 0.0500	0.928	1.00	93	43. - 150.	7008	04-A134310
TPH (Diesel Range)	mg/l	< 0.050	0.714	1.00	71	35. - 124.	9764	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				71	70 - 123	7008	
VOA Surr 1,2-DCA-d4	% Rec				79	73 - 127	430	
VOA Surr 1,2-DCA-d4	% Rec				75	73 - 127	443	
VOA Surr Toluene-d8	% Rec				86	79 - 113	430	
VOA Surr Toluene-d8	% Rec				92	79 - 113	443	
VOA Surr, 4-BFB	% Rec				92	79 - 125	430	
VOA Surr, 4-BFB	% Rec				93	79 - 125	443	
VOA Surr, DBFM	% Rec				98	75 - 134	430	
VOA Surr, DBFM	% Rec				93	75 - 134	443	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
**UST PARAMETERS**						
Benzene	mg/l	0.0537	0.0486	9.97	30.	7008
Toluene	mg/l	0.0516	0.0499	3.35	37.	7008
Ethylbenzene	mg/l	0.0510	0.0514	0.78	38.	7008
Xylenes (Total)	mg/l	0.0974	0.100	2.63	33.	7008
Methyl-t-butylether	mg/l	0.0614	0.0726	16.72	34.	7008
TPH (Gasoline Range)	mg/l	0.928	0.854	8.31	27.	7008
TPH (Diesel Range)	mg/l	0.714	0.735	2.90	36.	9764
BTEX/GRO Surr., a,a,a-TFT	% Recovery		77.			7008

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VOA Surr 1,2-DCA-d4	% Rec	77.	430
VOA Surr 1,2-DCA-d4	% Rec	74.	443
VOA Surr Toluene-d8	% Rec	87.	430
VOA Surr Toluene-d8	% Rec	91.	443
VOA Surr, 4-BFB	% Rec	91.	430
VOA Surr, 4-BFB	% Rec	95.	443
VOA Surr, DBFM	% Rec	95.	430
VOA Surr, DBFM	% Rec	99.	443

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
<b>**UST PARAMETERS**</b>						
Benzene	mg/l	0.100	0.0940	94	72 - 118	7008
Toluene	mg/l	0.100	0.0905	90	72 - 119	7008
Ethylbenzene	mg/l	0.100	0.0893	89	71 - 119	7008
Xylenes (Total)	mg/l	0.200	0.172	86	70 - 117	7008
Methyl-t-butylether	mg/l	0.100	0.0813	81	57 - 127	7008
TPH (Gasoline Range)	mg/l	1.00	0.928	93	64 - 130	7008
BTEX/GRO Surr., a,a,a-TFT	% Recovery			72	70 - 123	7008
<b>**UST PARAMETERS**</b>						
TPH (Diesel Range)	mg/l	1.00	0.728	73	41 - 120	9764
<b>**VOA PARAMETERS**</b>						
Ethyl-t-butylether	mg/l	0.0500	0.0504	101	67 - 140	443
Ethyl-t-butylether	mg/l	0.0500	0.0493	99	67 - 140	430
Ethyl-t-butylether	mg/l	0.0500	0.0518	104	67 - 140	430
tert-amyl methyl ether	mg/L	0.0500	0.0545	109	68 - 134	443
tert-amyl methyl ether	mg/L	0.0500	0.0527	105	68 - 134	430
tert-amyl methyl ether	mg/L	0.0500	0.0543	109	68 - 134	430
Tertiary butyl alcohol	mg/l	0.500	0.392	78	28 - 182	443
Tertiary butyl alcohol	mg/l	0.500	0.380	76	28 - 182	430
Tertiary butyl alcohol	mg/l	0.500	0.403	81	28 - 182	430
1,2-Dibromoethane	mg/l	0.0500	0.0467	93	72 - 135	443
1,2-Dibromoethane	mg/l	0.0500	0.0445	89	72 - 135	430
1,2-Dibromoethane	mg/l	0.0500	0.0460	92	72 - 135	430
1,2-Dichloroethane	mg/l	0.0500	0.0438	88	73 - 130	443
1,2-Dichloroethane	mg/l	0.0500	0.0448	90	73 - 130	430
1,2-Dichloroethane	mg/l	0.0500	0.0460	92	73 - 130	430
Methyl-t-butyl ether	mg/l	0.0500	0.0536	107	69 - 136	443

**PROJECT QUALITY CONTROL DATA**  
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butyl ether	mg/l	0.0500	0.0514	103	69 - 136	430
Methyl-t-butyl ether	mg/l	0.0500	0.0532	106	69 - 136	430
Diisopropyl ether	mg/l	0.0500	0.0462	92	65 - 140	443
Diisopropyl ether	mg/l	0.0500	0.0472	94	65 - 140	430
Diisopropyl ether	mg/l	0.0500	0.0481	96	65 - 140	430
VOA Surr 1,2-DCA-d4	% Rec			74	73 - 127	443
VOA Surr 1,2-DCA-d4	% Rec			76	73 - 127	430
VOA Surr 1,2-DCA-d4	% Rec			79	73 - 127	430
VOA Surr Toluene-d8	% Rec			96	79 - 113	443
VOA Surr Toluene-d8	% Rec			89	79 - 113	430
VOA Surr Toluene-d8	% Rec			88	79 - 113	430
VOA Surr, 4-BFB	% Rec			95	79 - 125	443
VOA Surr, 4-BFB	% Rec			98	79 - 125	430
VOA Surr, 4-BFB	% Rec			96	79 - 125	430
VOA Surr, DBFM	% Rec			94	75 - 134	443
VOA Surr, DBFM	% Rec			93	75 - 134	430
VOA Surr, DBFM	% Rec			96	75 - 134	430

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed

\*\*UST PARAMETERS\*\*

Benzene	< 0.00050	mg/l	7008	8/31/04	21:48
Toluene	< 0.0005	mg/l	7008	8/31/04	21:48
Ethylbenzene	< 0.0005	mg/l	7008	8/31/04	21:48
Xylenes (Total)	< 0.0005	mg/l	7008	8/31/04	21:48

**PROJECT QUALITY CONTROL DATA**  
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Methyl-t-butylether	< 0.0005	mg/l	7008	8/31/04	21:48
TPH (Gasoline Range)	< 0.0500	mg/l	7008	8/31/04	21:48
TPH (Diesel Range)	< 0.050	mg/l	9764	9/ 2/04	16:48
BTEX/GRO Surr., a,a,a-TFT	70.	% Recovery	7008	8/31/04	21:48
**VOA PARAMETERS**					
Ethyl-t-butylether	< 0.00015	mg/l	443	9/ 1/04	21:15
Ethyl-t-butylether	< 0.00015	mg/l	430	9/ 2/04	8:07
Ethyl-t-butylether	< 0.00015	mg/l	430	9/ 2/04	19:46
tert-amyl methyl ether	< 0.00030	mg/L	443	9/ 1/04	21:15
tert-amyl methyl ether	< 0.00030	mg/L	430	9/ 2/04	8:07
tert-amyl methyl ether	< 0.00030	mg/L	430	9/ 2/04	19:46
Tertiary butyl alcohol	< 0.00224	mg/l	443	9/ 1/04	21:15
Tertiary butyl alcohol	< 0.00224	mg/l	430	9/ 2/04	8:07
Tertiary butyl alcohol	< 0.00224	mg/l	430	9/ 2/04	19:46
1,2-Dibromoethane	< 0.00010	mg/l	443	9/ 1/04	21:15
1,2-Dibromoethane	< 0.00010	mg/l	430	9/ 2/04	8:07
1,2-Dibromoethane	< 0.00010	mg/l	430	9/ 2/04	19:46
1,2-Dichloroethane	< 0.00021	mg/l	443	9/ 1/04	21:15
1,2-Dichloroethane	< 0.00021	mg/l	430	9/ 2/04	8:07
1,2-Dichloroethane	< 0.00021	mg/l	430	9/ 2/04	19:46
Methyl-t-butyl ether	< 0.00013	mg/l	443	9/ 1/04	21:15
Methyl-t-butyl ether	< 0.00013	mg/l	430	9/ 2/04	8:07
Methyl-t-butyl ether	< 0.00013	mg/l	430	9/ 2/04	19:46
Diisopropyl ether	< 0.00010	mg/l	443	9/ 1/04	21:15
Diisopropyl ether	< 0.00010	mg/l	430	9/ 2/04	8:07
Diisopropyl ether	< 0.00010	mg/l	430	9/ 2/04	19:46
VOA Surr 1,2-DCA-d4	76.	% Rec	443	9/ 1/04	21:15
VOA Surr 1,2-DCA-d4	77.	% Rec	430	9/ 2/04	8:07
VOA Surr 1,2-DCA-d4	77.	% Rec	430	9/ 2/04	19:46
VOA Surr Toluene-d8	87.	% Rec	443	9/ 1/04	21:15
VOA Surr Toluene-d8	91.	% Rec	430	9/ 2/04	8:07
VOA Surr Toluene-d8	88.	% Rec	430	9/ 2/04	19:46
VOA Surr, 4-BFB	92.	% Rec	443	9/ 1/04	21:15
VOA Surr, 4-BFB	93.	% Rec	430	9/ 2/04	8:07
VOA Surr, 4-BFB	92.	% Rec	430	9/ 2/04	19:46
VOA Surr, DBFM	93.	% Rec	443	9/ 1/04	21:15
VOA Surr, DBFM	97.	% Rec	430	9/ 2/04	8:07
VOA Surr, DBFM	96.	% Rec	430	9/ 2/04	19:46

**PROJECT QUALITY CONTROL DATA**

**Project Number: 243113X**

**Project Name: EXXONMOBIL 7-3567**

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**Laboratory Receipt Date: 8/31/04**

# = Value outside Laboratory historical or method prescribed QC limits.



**COOLER RECEIPT FORM**

BC#



387767

Client Name : ERI

Cooler Received/Opened On: 8/31/04

Accessioned By: Shane Gambill

[Signature]  
Log-in Personnel Signature

1. Temperature of Cooler when triaged: 1.1 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES  NO  NA 
  - a. If yes, how many, what kind and where: 1/2/3/4 FRONT/BACK/SIDE
3. Were custody seals on containers and intact?..... NO...YES... NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO... NA
5. Were custody papers inside cooler?.....  YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?.....  YES...NO...NA
7. Did you sign the custody papers in the appropriate place?.....  YES...NO...NA
8. What kind of packing material used?  Bubblewrap  Peanuts  Vermiculite  Other  None
9. Cooling process:  Ice  Ice-pack  Ice (direct contact)  Dry ice  Other  None
10. Did all containers arrive in good condition ( unbroken)?.....  YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?.....  YES...NO...NA
12. Did all container labels and tags agree with custody papers?.....  YES...NO...NA
13. Were correct containers used for the analysis requested?.....  YES...NO...NA
14. a. Were VOA vials received?.....  YES...NO...NA 
  - b. Was there any observable head space present in any VOA vial?.....  NO...YES...NA
15. Was sufficient amount of sample sent in each container?.....  YES...NO...NA
16. Were correct preservatives used?.....  YES...NO...NA

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?..... NO...YES... NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

9264      9275  
 Fed-Ex      UPS      Velocity      Airborne      Route      Off-street      Misc.

19. If a Non-Conformance exists, see attached or comments below:

CHAIN OF CUSTODY RECORD

**TestAmerica**  
INCORPORATED  
 (615) 726-0177  
 Nashville Divisor **387767**  
 2960 Foster Creig  
 Nashville, TN 37204  
**ExxonMobil**

Consultant Name: Environmental Resolutions, Inc.  
 Address: 601 N McDowell Blvd  
 City/State/Zip: Petaluma, CA  
 Project Manager: Rob Saur  
 Telephone Number: (707) 766-2019  
 ERI Job Number: 243113X  
 Sampler Name: (Print) Trevor Thomas  
 Sampler Signature: [Signature]

ExxonMobil Engineer Gene N. Ortega  
 Telephone Number (925) 246-8747  
 Account #: 3876  
 PO #: 4504239072  
 Facility ID # 7-3567  
 Global ID# T0600191822  
 Site Address 3192 Santa Rita Road  
 City, State Zip Pleasanton, California, 94566

TAT  
 24 hour     72 hour  
 48 hour     96 hour  
 8 day

PROVIDE:  
 EDF Report  
 FAX Results

Special Instructions:  
 Please use Silica gel clean-up on the TPHd samples.  
 Oxygenates (MTBE, TAME, ETBE, DIPE, & TBA) using 8260  
 Lead Scavengers (1,2 DCA and EDB) using 8230

Matrix: Water, Soil, Vapor  
 Analyze For: TPHd 8015, TPHg 8015, BTEX 8021B, MTBE 8021B, confirm mtbe 826, Oxygenates 8260, VOCs 8260, Total Lead 6010, HVOCs 801, Lead Scavengers

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHd 8015	TPHg 8015	BTEX 8021B	MTBE 8021B	confirm mtbe 826	Oxygenates 8260	VOCs 8260	Total Lead 6010	HVOCs 801	Lead Scavengers
MW1 134304	8-26-04	15:40		X	HCL	6/2	X			X	X	X	X		X				X
MW2 05		14:20		X	HCL	6/2	X			X	X	X	X		X				X
MW3 06		16:00		X	HCL	6/2	X			X	X	X	X		X				X
MW4 07		15:00		X	HCL	6/2	X			X	X	X	X		X				X
MW5 08		14:40		X	HCL	6/2	X			X	X	X	X		X				X
MW6 09		14:00		X	HCL	6/2	X			X	X	X	X		X				X
MW7 10		15:20		X	HCL	6/2	X			X	X	X	X		X				X
MW8		05		X	HCL	6/2	X			X	X	X	X		X				X
BB		13:50		X	HCL	6/2	X			H	O	L	D						

Relinquished by: [Signature] Date: 8-30-04 Time: 1500  
 Received by: [Signature] Date: 8/31/04 Time: 8:00  
 Received by TestAmerica: [Signature]

Laboratory Comments:  
 Temperature Upon Receipt:  
 Sample Containers Intact?  
 VOAs Free of Headspace?