

ExxonMobil
Refining & Supply Company
Global Remediation

Gene. N. Ortega
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ExxonMobil
Refining & Supply

November 12, 2003

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

Alameda County
NOV 18 2003
Environmental Health

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

Dear Mr. Seery:

Attached for your review and comment is a letter report entitled *Quarterly Groundwater Monitoring Report, Third Quarter 2003*, dated November 12, 2002, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and presents the results of quarterly groundwater monitoring and sampling activities for the subject site.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,



Gene N. Ortega
Project Manager

Attachment: ERI's Quarterly Groundwater Monitoring Report, Third Quarter 2003, dated November 12, 2002.

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. Rob A. Saur, Environmental Resolutions, Inc.



ENVIRONMENTAL RESOLUTIONS, INC.

November 12, 2003

ERI 243113.Q033

Alameda County

NOV 18 2003

Environmental Health

Mr. Gene N. Ortega
ExxonMobil Refining & Supply – Global Remediation
25A Crescent Drive, #407
Pleasant Hill, California 94523

Subject: Quarterly Groundwater Monitoring Report, Third Quarter 2003, Former Exxon Service Station 7-3567, 3192 Santa Rita Road, Pleasanton, California.

Mr. Ortega:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed third quarter 2003 groundwater monitoring and sampling at the subject site. The purpose of quarterly monitoring and sampling is to evaluate the concentrations of hydrocarbons in the groundwater. The location of the site is shown on the Site Vicinity Map (Plate 1). The location of groundwater monitoring wells and select site features are shown on the Generalized Site Plan (Plate 2).

GROUNDWATER MONITORING AND SAMPLING

On July 17 and 18, 2003, ERI measured depth to water (DTW) in select wells and collected groundwater samples from these wells for laboratory analyses. Work was performed in accordance with ERI's groundwater sampling protocol provided in Attachment A.

The calculated hydraulic gradient and groundwater flow direction for the lower water-bearing zone and upper water-bearing zone are presented on Plate 3 and Plate 4, respectively. Historical and recent monitoring data are summarized in Table 1.

Laboratory Analyses And Results

ERI submitted groundwater samples to a California state-certified laboratory, under Chain-of-Custody protocol. The samples were analyzed using the methods listed in the notes in Table 1. Additionally, at the request of Alameda County Health Care Services in a letter dated October 29 2002, ERI also collected and analyzed samples for the presence of total fuel oxygenates (methyl tertiary butyl ether [MTBE], tertiary-amyl ether [TAME], ethyl tertiary butyl ether [ETBE], di-isopropyl ether [DIPE], and tertiary butyl alcohol [TBA]) and lead scavengers (1,2-dibromoethane [EDB] and 1,2-dichloroethane [1,2-DCA]) using EPA Method 8260. The laboratory analysis report and Chain-of-Custody record are attached (Attachment B). Cumulative results of laboratory analyses of groundwater samples are summarized in Table 1. Select analytical results of recent groundwater samples are presented on Plate 2.

DOCUMENT DISTRIBUTION

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, 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. Rob A. Saur, ERI's project manager for this site at (415) 382-9105 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.



Vicki C. Burns
Staff Geologist



John B. Bobbitt
R.G. 4313



- Attachments: Table 1: 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 Analysis Report and Chain-of-Custody Record

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

Well ID# (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev.	TPHd <.....>	TPHg <.....>	MTBE	B ug/L	T	E	X	VOCs
(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	51/38d	<0.5	<0.5	<0.5	<0.5	i
	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	110/98d	<0.5	<0.5	<0.5	<0.5	---
	04/11/01	NLPH	19.83	321.03	960e	<50	29/33d	<0.5	<0.5	<0.5	<0.5	---
	07/20/01	NLPH	20.50	320.36	<50	<50	27/20d	<0.5	<0.5	<0.5	<0.5	---
	10/19/01	NLPH	19.48	321.38	<50	<50	390/420d	<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	318.69	<50	124	116.1/131d	<0.5	<0.50	<0.50	<0.50	---
	07/17/02	NLPH	22.51	318.35	<50	<50.0	5.1/8.76d	<0.5	<0.5	<0.5	<0.5	---
	10/24/02	NLPH	22.51	318.35	<50	217	574/302d	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	21.32	319.54	<50	70.9	83.4d	<0.50	<0.5	<0.5	<0.5	ND
	04/10/03	NLPH	21.27	319.59	<51	67.2	71.0d	<0.50	<0.5	<0.5	<0.5	ND
	07/17/03	NLPH	21.13	319.73	<50	88.9	44.6d	<0.50	<0.5	<0.5	<0.5	ND
(340.61)	11/17/98	NLPH	20.42	320.19	91	<50	17/23d	1.5	<0.5	0.98	2.6	---
	03/15/99	NLPH	28.35	312.26	90	<50	12/12.5d	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	<50	<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/<5d	<0.5	<0.5	<0.5	<0.5	i
	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	760e	<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	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---
(340.61)	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	4.20/4.35d	<0.5	0.90	<0.50	<0.50	---
	07/17/02	NLPH	28.18	311.98	<50	<50.0	9.4/10.3d	<0.5	0.6	2.4	2.0	---
	10/24/02	NLPH	28.42	311.74	<50	<50.0	8.6/9.30d	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	23.54	316.62	<50	<50.0	<0.50d	1.10	0.5	1.3	2.2	ND
	04/10/03	NLPH	28.19	311.97	<50	<50.0	2.10d	0.60	0.5	0.8	1.0	ND
	7/17/2003	NLPH	24.13	316.03	<50	<50.0	<0.50d	<0.50	<0.5	<0.5	<0.5	ND

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

Well ID# (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev.	TPHd <.....>	TPHg <.....>	MTBE <.....>	B ug/L	T ug/L	E ug/L	X ug/L	VOCs ug/L	
MW3 (342.95)	11/17/98	NLPH	36.58	306.37	120	<50	180/220d	<0.5	<0.5	<0.5	<0.5	---	
	03/15/99	NLPH	40.01	302.94	180	<50	290/314d	<0.5	<0.5	<0.5	<0.5	---	
	06/25/99	NLPH	46.83	296.12	a	<50	107/113d	<0.5	<0.5	<0.5	<0.5	---	
	9/24/99 ^b	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.											
	07/31/00	NLPH	36.77	306.18	<50	<50	230/160d	<0.5	<0.5	<0.5	<0.5	<0.5	i
	10/10/00	NLPH	35.82	307.13	<50	<50	200	<0.5	<0.5	<0.5	<0.5	<0.5	---
	01/11/01	NLPH	38.08	304.87	<50	<50	280/230d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	04/11/01	NLPH	36.03	306.92	1,000e	<50	240/280d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	07/20/01	NLPH	36.05	306.90	<50	270	240/190d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	10/19/01	NLPH	34.58	308.37	<50	<50	180/190d	<0.5	<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	<0.50	---
	04/17/02	NLPH	38.21	304.74	<50	194	179.3/216d	<0.5	<0.50	<0.50	<0.50	<0.50	---
	07/17/02	g	g	g	<50b	163h	185/198d,h	<0.5h	<0.5h	<0.5h	<0.5h	<0.5h	---
	10/24/02	NLPH	38.68	304.27	<50	128	163/183d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	36.50	306.45	<50	119	141d	<0.50	<0.5	<0.5	<0.5	<0.5	ND
	04/10/03	NLPH	36.82	306.13	<53	119	130d	<0.50	<0.5	<0.5	<0.5	<0.5	ND
	07/17/03	NLPH	37.98	304.97	---	---	---	---	---	---	---	---	---
	07/18/03	NLPH	---	---	<50	142	123d	<0.50	<0.5	<0.5	<0.5	<0.5	ND
	MW4 (342.96)	11/17/98	NLPH	50.20	292.76	72	<50	4.1/3.5d	<0.5	<0.5	<0.5	<0.5	---
		03/15/99	NLPH	47.93	295.03	91	<50	280/260d	<0.5	<0.5	<0.5	<0.5	---
		6/25/99 ^b	NLPH	48.15	294.81	---	---	---	---	---	---	---	---
		9/24/99 ^b	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	<0.5	---
06/06/00		NLPH	49.02	293.94	110	<50	460	<0.5	<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	480/490d	<0.5	<0.5	<0.5	<0.5	<0.5	i
10/10/00		NLPH	40.08	302.88	c	c	c	c	c	c	c	c	c
01/11/01		NLPH	36.41	306.55	110	<50	27/21d	<0.5	<0.5	<0.5	<0.5	<0.5	---
04/11/01		NLPH	36.43	306.53	870e	<50	3.6/14d	<0.5	0.56	<0.5	<0.5	<0.5	---
07/20/01		f	---	---	---	---	---	---	---	---	---	---	---
10/19/01		NLPH	33.67	309.29	71	<50	15/16d	<0.5	<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	<0.50	---
	04/17/02	NLPH	36.03	306.93	<50	<50.0	19.10/23.4d	<0.5	<0.50	<0.50	<0.50	<0.50	---
	07/17/02	NLPH	37.65	305.31	<50	<50.0	16.7/15.8d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	10/24/02	NLPH	37.41	305.55	<50	<50.0	8.7/8.90d	<0.5	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	36.18	306.78	<56	<50.0	14.2d	<0.50	<0.5	<0.5	<0.5	<0.5	ND
	04/10/03	NLPH	36.55	306.41	<51	<50.0	15.3d	<0.50	<0.5	<0.5	<0.5	<0.5	ND
	07/17/03	NLPH	36.45	306.51	<50	<50.0	11.4d	<0.50	<0.5	<0.5	<0.5	<0.5	ND

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

Well ID# (TOC)	Sampling Date	SUBJ <.....feet.....>	DTW feet	Elev.	TPHd <.....>	TPHg <.....>	MTBE <.....>	B ug/L	T ug/L	E ug/L	X ug/L	VOCs
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	3.4/5d	<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	5.60/6.7d	<0.5	<0.50	<0.50	<0.50	---
	07/17/02	NLPH	29.37	313.50	b	b	b	b	b	b	b	---
	10/24/02	NLPH	29.36	313.51	b	b	b	b	b	b	b	---
	03/21/03	NLPH	28.55	314.32	b	57.8	8.70d	2.50	1.0	3.5	5.9	ND
	04/10/03	NLPH	29.10	313.77	b	56.1	7.20d	5.50	3.0	2.9	4.3	ND
	07/17/03	NLPH	28.91	313.96	b	<0.50	12.0d	1.00	<0.50	0.7	1.2	ND
MW6 (341.05)	06/16/00	Property transferred to Valero Refining Company.										
	07/31/00	NLPH	39.72	301.33	<50	<50	<2/<5	<0.5	<0.5	<0.5	<0.5	i
	10/10/00	NLPH	40.12	300.93	<50	c	c	c	c	c	c	c
	01/11/01	NLPH	46.13	294.92	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---
	04/11/01	NLPH	45.40	295.65	b	b	b	b	b	b	b	---
	07/20/01	NLPH	41.75	299.30	<50	<50	<5	<0.3	<0.3	<0.6	<0.6	---
	10/19/01	NLPH	44.10	296.95	<50	<50	<2	<0.5	<0.5	<0.5	<0.5	---
(341.05)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	39.57	301.48	<100	<50.0	<0.50	<0.50	<0.90	<0.50	<0.50	---
	04/17/02	NLPH	41.84	299.21	52	<50.0	<0.50	<0.5	<0.50	<0.50	<0.50	---
	07/17/02	NLPH	42.85	298.20	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5	---
	10/24/02	NLPH	42.10	298.95	<50	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	44.81	296.24	107	<50.0	<0.50	<0.50	<0.5	<0.5	<0.5	ND
	04/10/03	NLPH	44.28	296.77	60	<50.0	0.80d	<0.50	<0.5	<0.5	<0.5	ND
	07/17/03	NLPH	41.56	299.49	<50	<50.0	<0.50d	<0.50	<0.5	<0.5	<0.5	ND
MW7 (341.73)	06/16/00	Property transferred to Valero Refining Company.										
	07/31/00	NLPH	24.22	317.51	150	<50	13/8d	<0.5	<0.5	<0.5	<0.5	i
	10/10/00	NLPH	24.09	317.64	1,500	c	c	c	c	c	c	c
	01/11/01	NLPH	25.86	315.87	330	<50	6.9/7d	0.55	<0.5	<0.5	<0.5	---
	04/11/01	NLPH	24.28	317.45	980e	<250	<10	<2.5	<2.5	<2.5	<2.5	---
	07/20/01	NLPH	25.52	316.21	300	<50	8.2/6d	<0.5	<0.5	<0.5	<0.5	---
	10/19/01	NLPH	24.99	316.74	120	<50	4.9/<5d	<0.5	<0.5	<0.5	<0.5	---
(341.73)	Nov-2001	Well surveyed in compliance with AB 2886 requirements.										
	01/28/02	NLPH	23.84	317.89	<100	<50.0	8.50	<0.50	<0.50	<0.50	<0.50	---
	04/17/02	NLPH	28.19	313.54	55	<50.0	9.70/11.6d	<0.5	2.10	<0.50	<0.50	---
	07/17/02	NLPH	29.74	311.99	69	<50.0	9.7/9.00d	<0.5	<0.5	<0.5	<0.5	---
	10/24/02	NLPH	29.50	312.23	262	<50.0	5.4/6.00d	<0.5	<0.5	<0.5	<0.5	---
	03/21/03	NLPH	26.07	315.66	<50	<50.0	6.00	<0.50	0.8	<0.5	<0.5	ND
	04/10/03	NLPH	26.06	315.67	<50	<50.0	9.00d	<0.50	<0.5	<0.5	<0.5	ND
	07/17/03	NLPH	27.18	314.55	<50	<50.0	9.10d	<0.50	<0.5	<0.5	<0.5	ND

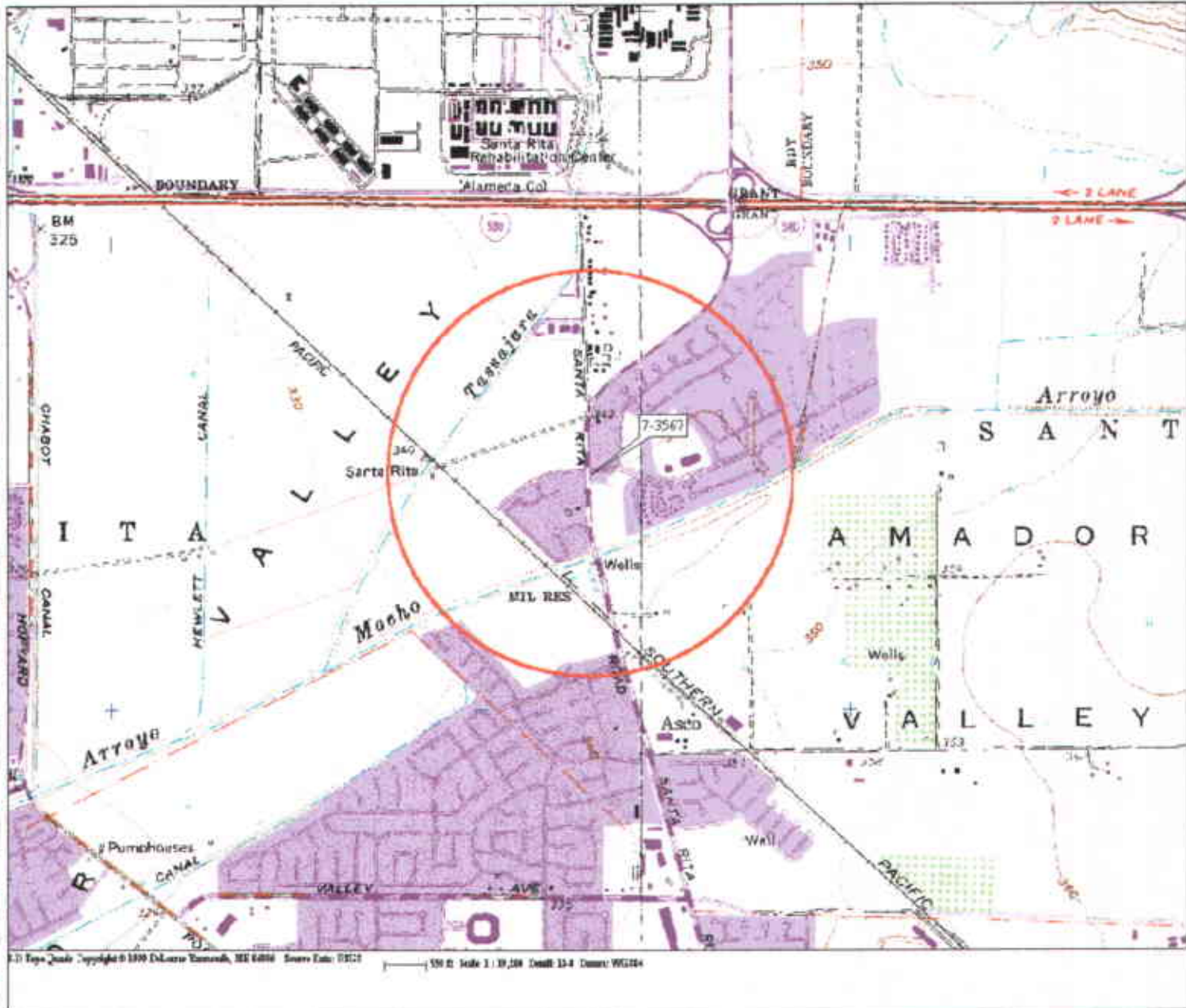
**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-3567
3192 Santa Rita Road
Pleasanton, California
(Page 4 of 4)

Well ID# (TOC)	Sampling Date	SUBJ <.....>	DTW feet	Elev. >.....<	TPHd <.....>	TPHg	MTBE	B	T	E	X	VOCs	
								ug/L					
MW8	06/16/00	Property transferred to Valero Refining Company.											
(341.44)	04/11/01	---	dry	dry	b	b	b	b	b	b	b	---	
	04/11/01	---	b	---	b	b	b	b	b	b	b	---	
	07/20/01	---	dry	dry	b	b	b	b	b	b	b	---	
	10/19/01	---	dry	dry	b	b	b	b	b	b	b	---	
	01/28/02	---	dry	dry	b	b	b	b	b	b	b	---	
	04/17/02	---	dry	dry	b	b	b	b	b	b	b	---	
	07/17/02	---	dry	dry	b	b	b	b	b	b	b	---	
	10/24/02	---	dry	dry	b	b	b	b	b	b	b	---	
	03/21/03	---	dry	dry	b	b	b	b	b	b	b	b	
	04/10/03	---	dry	dry	b	b	b	b	b	b	b	b	
	07/17/03	---	dry	dry	b	b	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.
- VOCs = Volatile organic compounds analyzed using EPA Method 8260B.
- ug/L = Micrograms per liter.
- 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 = MTBE confirmed 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 = Not detected at or above the stated laboratory method reporting limit for the following constituents:
1,2-Dichloroethane, 2-Nitropropane, Di-isopropyl ether, tertiary amyl methyl ether, and tertiary butyl ethyl ether.
- < = Not detected at or above the stated laboratory method reporting limit.
-
- = Not analyzed/Not applicable.

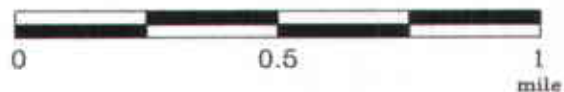


FN 2431Topo

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.

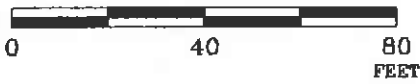
2431

PLATE

1

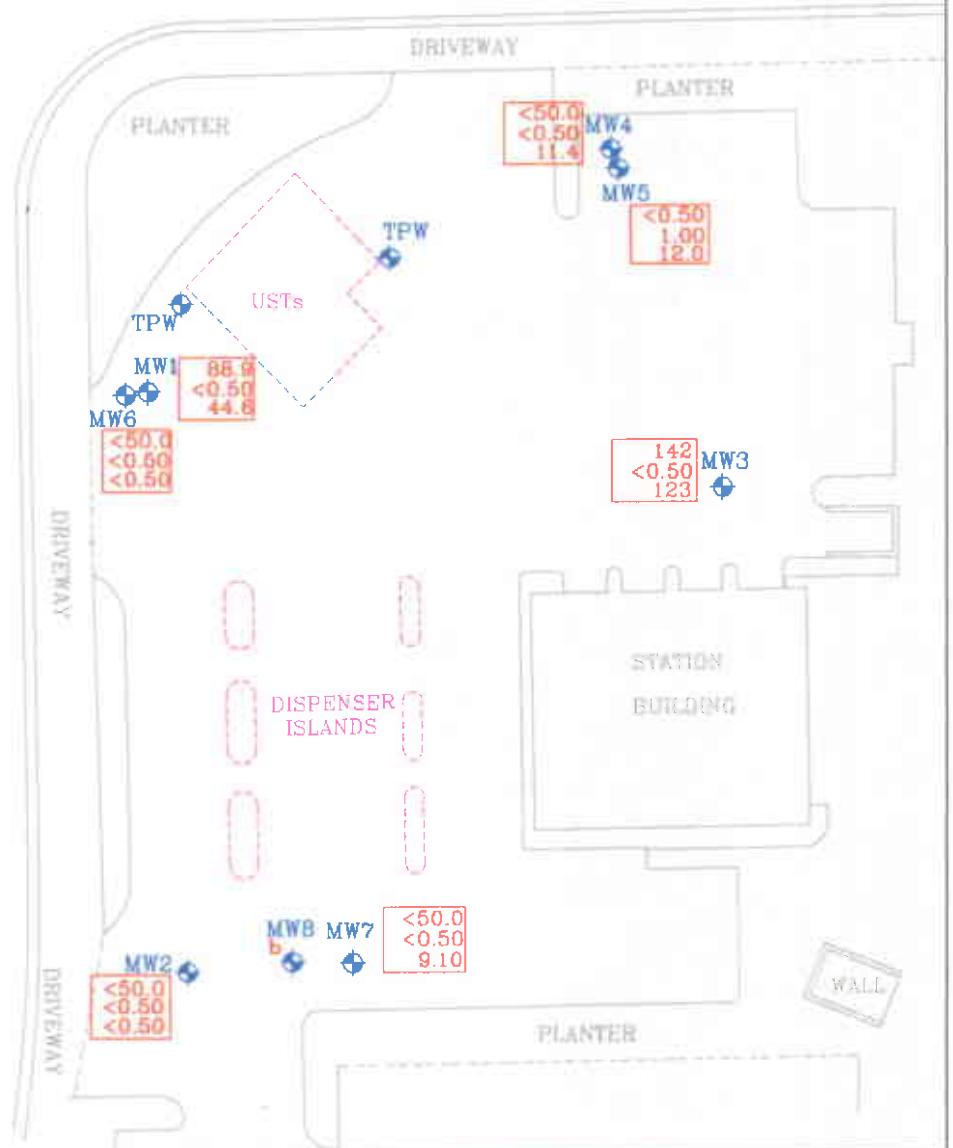


APPROXIMATE SCALE



LAS POSITAS BOULEVARD

SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- Groundwater Monitoring Well
- Tank Pit Well

Analyte Concentrations in ug/L
Sampled July 17 & 18, 2003

- 142 Total Petroleum Hydrocarbons as Gasoline
- <0.50 Benzene
- 123 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.



GENERALIZED SITE PLAN

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

PROJECT NO.

2431

PLATE

2

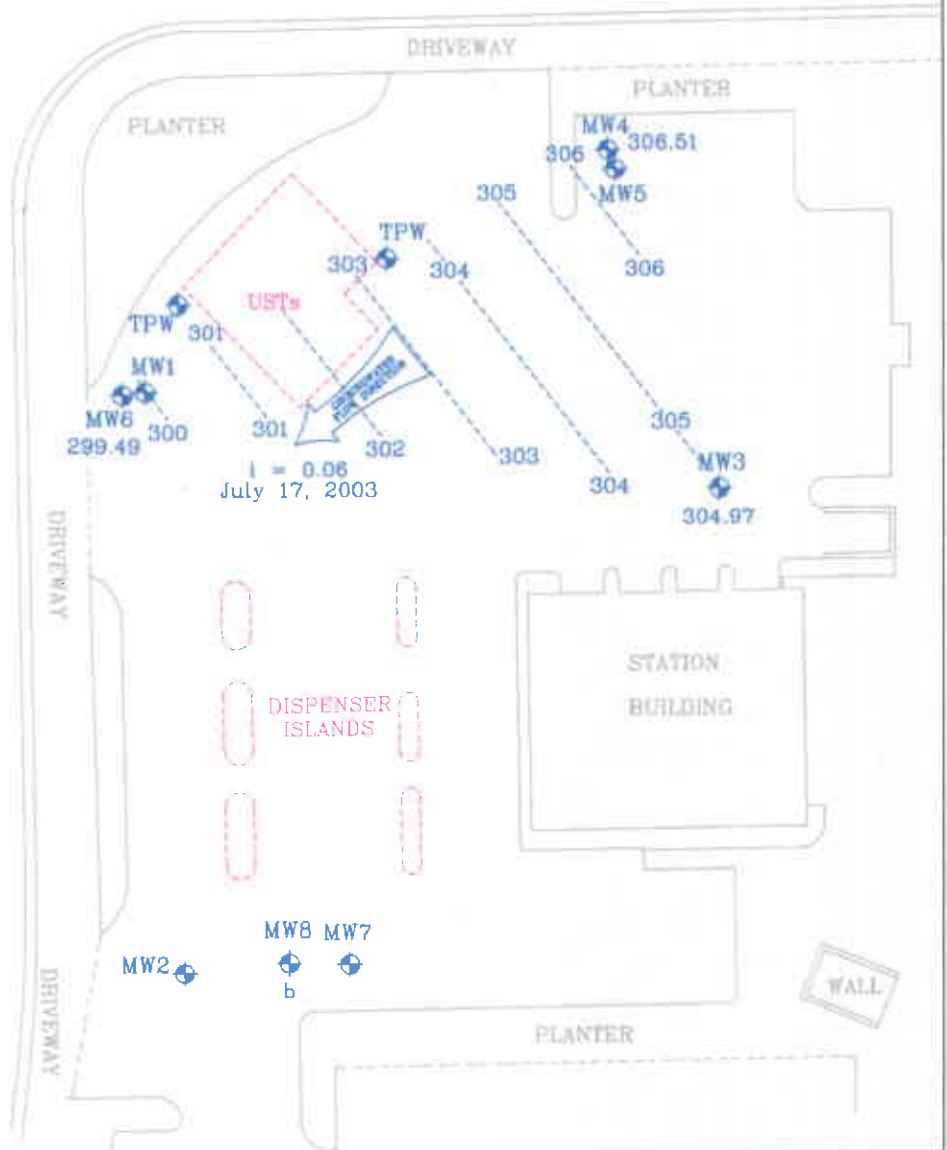
APPROXIMATE SCALE



LAS POSITAS BOULEVARD



SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- MW6 299.49 Groundwater Monitoring Well
- TPW Tank Pit Well
- b Well contained an insufficient amount of water to collect a sample or well was dry
- 306 ---- Line of Equal Groundwater Elevation; datum is mean sea level
- i = Interpreted Hydraulic Gradient



**GROUNDWATER ELEVATION MAP
LOWER WATER-BEARING ZONE**
FORMER EXXON SERVICE STATION 7-3587
3192 Santa Rita Road
Pleasanton, California

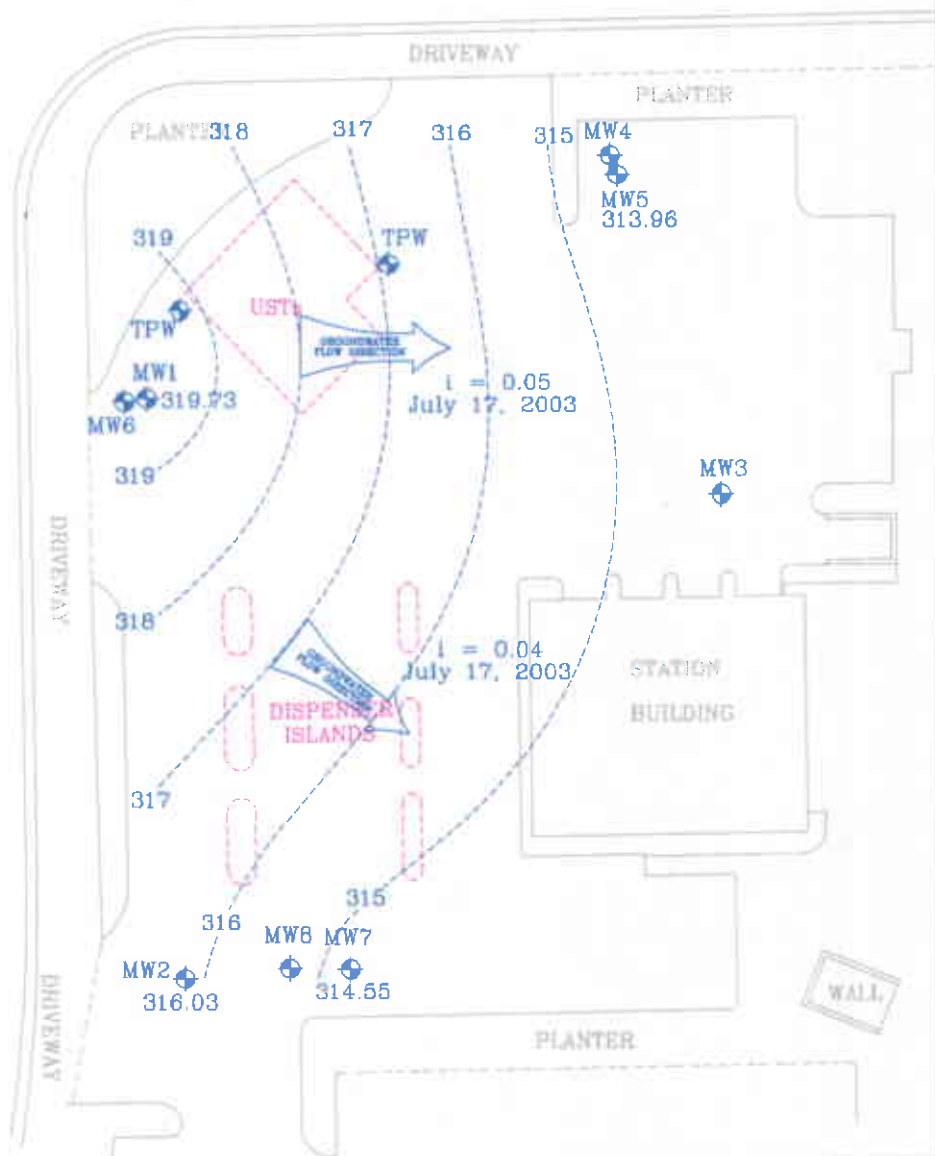
PROJECT NO.
2431
PLATE
3

APPROXIMATE SCALE



LAS POSITAS BOULEVARD

SANTA RITA ROAD



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 24310003

EXPLANATION

- MW7 Groundwater Monitoring Well
- 314.55 Groundwater elevation in feet; datum is mean sea level
- TPW Tank Pit Well

i = Interpreted Hydraulic Gradient

319 -----Line of Equal Groundwater Elevation, datum is mean sea level



**GROUNDWATER ELEVATION MAP
UPPER WATER-BEARING ZONE**

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 contains water and/or separate-phase product are measured with an 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
π	=	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 ANALYSIS REPORT
AND CHAIN-OF-CUSTODY RECORD**

RECEIVED
AUG 05 2003

7/28/03

ERI - NORTHERN CA 3876
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

BY:.....

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: 340207.

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. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980.

Page 1

Sample Identification	Lab Number	Collection Date
MW2	03-A113131	7/17/03
MW6	03-A113132	7/17/03
MW5	03-A113133	7/17/03
MW7	03-A113134	7/17/03
MW4	03-A113135	7/17/03
MW3	03-A113136	7/18/03
MW1	03-A113137	7/17/03

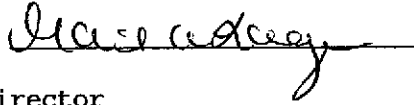
Sample Identification

Lab Number

Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By:



Report Date: 7/28/03

Ashley Morris, Lab Director

Michael H. Dunn, M.S., QA/QC Director

Johnny A. Mitchell, Operations Manager Organics

Eric S. Smith, Assistant Technical Director

Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.

Glenn L. Norton, Technical Serv.

Kelly S. Comstock, Technical Serv.

Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

ANALYTICAL REPORT

ERI - NORTHERN CA 3876
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

Lab Number: 03-A113137
Sample ID: MW1
Sample Type: Water
Site ID: 7-3567

Project: 243113X
Project Name: EXXONMOBIL 7-3567
Sampler: BEN RICHARDS

Date Collected: 7/17/03
Time Collected: 18:40
Date Received: 7/22/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/28/03	13:05	H. Wagner	8021B	4946
Ethylbenzene	ND	ug/L	0.5	1.0	7/28/03	13:05	H. Wagner	8021B	4946
Toluene	ND	ug/L	0.5	1.0	7/28/03	13:05	H. Wagner	8021B	4946
Xylenes (Total)	ND	ug/L	0.5	1.0	7/28/03	13:05	H. Wagner	8021B	4946
TPH (Gasoline Range)	88.9	ug/L	50.0	1.0	7/28/03	13:05	H. Wagner	8015B	4946
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/24/03	6:22	M. Jarrett	8015B/3510	1714
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/24/03	1:48	C. Spry	8260B	3426
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426
Methyl-t-butyl ether	44.6	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426
Diisopropyl ether	ND	ug/L	0.50	1.0	7/24/03	1:48	C. Spry	8260B	3426

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	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113137
Sample ID: MW1
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
-----	-----	-----
TPH Hi Surr., o-Terphenyl	82.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	99.	69. - 129.
VOA Surr 1,2-DCA-d4	98.	70. - 133.
VOA Surr Toluene-d8	93.	76. - 123.
VOA Surr, 4-BFB	95.	71. - 132.
VOA Surr, DBPM	95.	74. - 128.

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
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

Lab Number: 03-A113131
Sample ID: MW2
Sample Type: Water
Site ID: 7-3567

Project: 243113X
Project Name: EXXONMOBIL 7-3567
Sampler: BEN RICHARDS

Date Collected: 7/17/03
Time Collected: 17:48
Date Received: 7/22/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/23/03	15:09	I. Ahmed	8021B	188
Ethylbenzene	ND	ug/L	0.5	1.0	7/23/03	15:09	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	15:09	I. Ahmed	8021B	188
Xylenes (Total)	ND	ug/L	0.5	1.0	7/23/03	15:09	I. Ahmed	8021B	188
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/23/03	15:09	I. Ahmed	8015B	188
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/25/03	3:10	M. Jarrett	8015B/3510	1716
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	18:25	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	18:25	C. Spry	8260B	3418

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	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113131
Sample ID: MW2
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
-----	-----	-----
TPH Hi Surr., o-Terphenyl	96.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	89.	69. - 129.
VOA Surr 1,2-DCA-d4	99.	70. - 133.
VOA Surr Toluene-d8	94.	76. - 123.
VOA Surr, 4-BFB	96.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.

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
 SCOTT GRAHAM
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 03-A113136
 Sample ID: MW3
 Sample Type: Water
 Site ID: 7-3567

Project: 243113X
 Project Name: EXXONMOBIL 7-3567
 Sampler: BEN RICHARDS

Date Collected: 7/18/03
 Time Collected: 8:11
 Date Received: 7/22/03
 Time Received: 8:10
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/23/03	17:46	I. Ahmed	8021B	188
Ethylbenzene	ND	ug/L	0.5	1.0	7/23/03	17:46	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	17:46	I. Ahmed	8021B	188
Xylenes (Total)	ND	ug/L	0.5	1.0	7/23/03	17:46	I. Ahmed	8021B	188
TPH (Gasoline Range)	142.	ug/L	50.0	1.0	7/23/03	17:46	I. Ahmed	8015B	188
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/25/03	4:30	M. Jarrett	8015B/3510	1716
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	21:03	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418
Methyl-t-butyl ether	123.	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	21:03	C. Spry	8260B	3418

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
BPH	1000 ml	1.00 ml	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113136
Sample ID: MW3
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	91.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	93.	69. - 129.
VOA Surr 1,2-DCA-d4	96.	70. - 133.
VOA Surr Toluene-d8	93.	76. - 123.
VOA Surr, 4-BFB	96.	71. - 132.
VOA Surr, DBFM	95.	74. - 128.

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
 SCOTT GRAHAM
 73 DIGITAL DRIVE, SUITE 100
 NOVATO, CA 94949

Lab Number: 03-A113135
 Sample ID: MW4
 Sample Type: Water
 Site ID: 7-3567

Project: 243113X
 Project Name: EXXONMOBIL 7-3567
 Sampler: BEN RICHARDS

Date Collected: 7/17/03
 Time Collected: 18:27
 Date Received: 7/22/03
 Time Received: 8:10
 Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/23/03	17:15	I. Ahmed	8021B	188
Ethylbenzene	ND	ug/L	0.5	1.0	7/23/03	17:15	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	17:15	I. Ahmed	8021B	188
Xylenes (Total)	ND	ug/L	0.5	1.0	7/23/03	17:15	I. Ahmed	8021B	188
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/23/03	17:15	I. Ahmed	8015B	188
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/25/03	4:10	M. Jarrett	8015B/3510	1716
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	20:32	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418
Methyl-t-butyl ether	11.4	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	20:32	C. Spry	8260B	3418

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	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113135
Sample ID: MW4
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	100.	61. - 134.
BTEX/GRO Surr., a,a,a-TPT	89.	69. - 129.
VOA Surr 1,2-DCA-d4	98.	70. - 133.
VOA Surr Toluene-d8	93.	76. - 123.
VOA Surr, 4-BPB	96.	71. - 132.
VOA Surr, DBPM	95.	74. - 128.

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
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

Lab Number: 03-A113133
Sample ID: MW5
Sample Type: Water
Site ID: 7-3567

Project: 243113X
Project Name: EXXONMOBIL 7-3567
Sampler: BEN RICHARDS

Date Collected: 7/17/03
Time Collected: 18:02
Date Received: 7/22/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	1.00	ug/L	0.50	1.0	7/23/03	16:12	I. Ahmed	8021B	188
Ethylbenzene	0.7	ug/L	0.5	1.0	7/23/03	16:12	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	16:12	I. Ahmed	8021B	188
Xylenes (Total)	1.2	ug/L	0.5	1.0	7/23/03	16:12	I. Ahmed	8021B	188
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/23/03	16:12	I. Ahmed	8015B	188
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	19:28	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418
Methyl-t-butyl ether	12.0	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	19:28	C. Spry	8260B	3418

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TPT	88.	69. - 129.
VOA Surr 1,2-DCA-d4	96.	70. - 133.
VOA Surr Toluene-d8	93.	76. - 123.
VOA Surr, 4-BFB	95.	71. - 132.
VOA Surr, DBFM	95.	74. - 128.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113133
Sample ID: MW5
Project: 243113X
Page 2

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
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

Lab Number: 03-A113132
Sample ID: MW6
Sample Type: Water
Site ID: 7-3567

Project: 243113X
Project Name: EXXONMOBIL 7-3567
Sampler: BEN RICHARDS

Date Collected: 7/17/03
Time Collected: 17:33
Date Received: 7/22/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch
			Limit	Factor	Date	Time			
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/23/03	15:40	I. Ahmed	8021B	188
Ethylbenzene	ND	ug/L	0.5	1.0	7/23/03	15:40	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	15:40	I. Ahmed	8021B	188
Xylenes (Total)	ND	ug/L	0.5	1.0	7/23/03	15:40	I. Ahmed	8021B	188
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/23/03	15:40	I. Ahmed	8015B	188
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/25/03	3:30	M. Jarrett	8015B/3510	1716
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	18:56	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	18:56	C. Spry	8260B	3418

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	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113132
Sample ID: MW6
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
-----	-----	-----
TPH Hi Surr., o-Terphenyl	95.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	85.	69. - 129.
VOA Surr 1,2-DCA-d4	100.	70. - 133.
VOA Surr Toluene-d8	92.	76. - 123.
VOA Surr, 4-BFB	92.	71. - 132.
VOA Surr, DBFM	98.	74. - 128.

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
SCOTT GRAHAM
73 DIGITAL DRIVE, SUITE 100
NOVATO, CA 94949

Lab Number: 03-A113134
Sample ID: MW7
Sample Type: Water
Site ID: 7-3567

Project: 243113X
Project Name: EXXONMOBIL 7-3567
Sampler: BEN RICHARDS

Date Collected: 7/17/03
Time Collected: 18:12
Date Received: 7/22/03
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	0.50	1.0	7/23/03	16:43	I. Ahmed	8021B	188
Ethylbenzene	ND	ug/L	0.5	1.0	7/23/03	16:43	I. Ahmed	8021B	188
Toluene	ND	ug/L	0.5	1.0	7/23/03	16:43	I. Ahmed	8021B	188
Xylenes (Total)	ND	ug/L	0.5	1.0	7/23/03	16:43	I. Ahmed	8021B	188
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	7/23/03	16:43	I. Ahmed	8015B	188
TPH (Diesel Range)	ND	ug/L	50.	1.0	7/25/03	3:50	M. Jarrett	8015B/3510	1716
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418
tert-amyl methyl ether	ND	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	7/23/03	20:00	C. Spry	8260B	3418
1,2-Dibromoethane	ND	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418
1,2-Dichloroethane	ND	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418
Methyl-t-butyl ether	9.10	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418
Diisopropyl ether	ND	ug/L	0.50	1.0	7/23/03	20:00	C. Spry	8260B	3418

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	7/23/03		M. Ricke	3510

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 03-A113134
Sample ID: MW7
Project: 243113X
Page 2

Surrogate	% Recovery	Target Range
-----	-----	-----
TPH Hi Surr., o-Terphenyl	107.	61. - 134.
BTEX/GRO Surr., a,a,a-TFT	90.	69. - 129.
VOA Surr 1,2-DCA-d4	94.	70. - 133.
VOA Surr Toluene-d8	93.	76. - 123.
VOA Surr, 4-BFB	96.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.

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.

PROJECT QUALITY CONTROL DATA

Project Number: 243113X
Project Name: EXXONMOBIL 7-3567
Page: 1
Laboratory Receipt Date: 7/22/03

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 a 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	0.00920	0.0654	0.0500	112	60. - 143.	188	03-A113048
Toluene	mg/l	< 0.0005	0.0551	0.0500	110	62. - 139.	188	03-A113048
Ethylbenzene	mg/l	0.0007	0.0558	0.0500	110	61. - 138.	188	03-A113048
Xylenes (Total)	mg/l	0.0007	0.109	0.100	108	59. - 137.	188	03-A113048
TPH (Gasoline Range)	mg/l	< 0.100	0.909	1.00	91	56. - 134.	188	blank
TPH (Diesel Range)	mg/l	< 0.050	0.952	1.00	95	35. - 130.	1714	BLANK
TPH (Diesel Range)	mg/l	< 0.050	0.860	1.00	86	35. - 130.	1716	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				105	69 - 129	188	
VOA Surr 1,2-DCA-d4	‡ Rec				93	70. - 133.	3418	
VOA Surr 1,2-DCA-d4	‡ Rec				94	70. - 133.	3426	
VOA Surr Toluene-d8	‡ Rec				94	76. - 123.	3418	
VOA Surr Toluene-d8	‡ Rec				93	76. - 123.	3426	
VOA Surr, 4-BFB	‡ Rec				90	71. - 132.	3418	
VOA Surr, 4-BFB	‡ Rec				88	71. - 132.	3426	
VOA Surr, DBFM	‡ Rec				97	74. - 128.	3418	
VOA Surr, DBFM	‡ Rec				98	74. - 128.	3426	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0654	0.0614	6.31	23.	188
Toluene	mg/l	0.0551	0.0510	7.73	24.	188
Ethylbenzene	mg/l	0.0558	0.0514	8.21	24.	188
Xylenes (Total)	mg/l	0.109	0.101	7.62	25.	188
TPH (Gasoline Range)	mg/l	0.909	0.900	1.00	24.	188

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 243113X
Project Name: EXXONMOBIL 7-3567
Page: 2
Laboratory Receipt Date: 7/22/03

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
TPH (Diesel Range)	mg/l	0.952	1.00	4.92	41.	1714
TPH (Diesel Range)	mg/l	0.860	0.934	8.25	41.	1716
BTEX/GRO Surr., a,a,a-TFT	% Recovery		105.			188
VOA Surr 1,2-DCA-d4	% Rec		94.			3418
VOA Surr 1,2-DCA-d4	% Rec		91.			3426
VOA Surr Toluene-d8	% Rec		93.			3418
VOA Surr Toluene-d8	% Rec		92.			3426
VOA Surr, 4-BFB	% Rec		90.			3418
VOA Surr, 4-BFB	% Rec		89.			3426
VOA Surr, DBFM	% Rec		96.			3418
VOA Surr, DBFM	% Rec		96.			3426

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0988	99	74 - 120	188
Benzene	mg/l	0.100	0.115	115	74 - 120	4946
Toluene	mg/l	0.100	0.0960	96	73 - 118	188
Toluene	mg/l	0.100	0.116	116	73 - 118	4946
Ethylbenzene	mg/l	0.100	0.0960	96	72 - 118	188
Ethylbenzene	mg/l	0.100	0.115	115	72 - 118	4946
Xylenes (Total)	mg/l	0.200	0.189	94	72 - 116	188
Xylenes (Total)	mg/l	0.200	0.226	113	72 - 116	4946
TPH (Gasoline Range)	mg/l	1.00	0.909	91	72 - 125	188
TPH (Gasoline Range)	mg/l	1.00	0.965	96	72 - 125	4946

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 243113X
Project Name: EXXONMOBIL 7-3567
Page: 3
Laboratory Receipt Date: 7/22/03

BTEX/GRO Surr., a,a,a-TFT	% Recovery	98	69 - 129	188
BTEX/GRO Surr., a,a,a-TFT	% Recovery	107	69 - 129	4946

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Diesel Range)	mg/l	1.00	0.816	82	35 - 130	1714
TPH (Diesel Range)	mg/l	1.00	0.900	90	35 - 130	1716

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0493	99	59 - 133	3418
Ethyl-t-butylether	mg/l	0.0500	0.0481	96	59 - 133	3426
tert-amyl methyl ether	mg/L	0.0500	0.0487	97	67 - 126	3418
tert-amyl methyl ether	mg/L	0.0500	0.0474	95	67 - 126	3426
Tertiary butyl alcohol	mg/l	0.500	0.497	99	53 - 154	3418
Tertiary butyl alcohol	mg/l	0.500	0.533	107	53 - 154	3426
1,2-Dibromoethane	mg/l	0.0500	0.0525	105	75 - 126	3418
1,2-Dibromoethane	mg/l	0.0500	0.0518	104	75 - 126	3426
1,2-Dichloroethane	mg/l	0.0500	0.0454	91	69 - 136	3418
1,2-Dichloroethane	mg/l	0.0500	0.0482	96	69 - 136	3426
Methyl-t-butyl ether	mg/l	0.0500	0.0492	98	64 - 140	3418
Methyl-t-butyl ether	mg/l	0.0500	0.0494	99	64 - 140	3426
Diisopropyl ether	mg/l	0.0500	0.0450	90	60 - 139	3418
Diisopropyl ether	mg/l	0.0500	0.0458	92	60 - 139	3426

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 243113X
Project Name: EXXONMOBIL 7-3567
Page: 4
Laboratory Receipt Date: 7/22/03

VOA Surr 1,2-DCA-d4	‡ Rec	89	70 - 133	3418
VOA Surr 1,2-DCA-d4	‡ Rec	92	70 - 133	3426
VOA Surr Toluene-d8	‡ Rec	93	76 - 123	3418
VOA Surr Toluene-d8	‡ Rec	94	76 - 123	3426
VOA Surr, 4-BFB	‡ Rec	90	71 - 132	3418
VOA Surr, 4-BFB	‡ Rec	88	71 - 132	3426
VOA Surr, DBFM	‡ Rec	99	74 - 128	3418
VOA Surr, DBFM	‡ Rec	99	74 - 128	3426

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.00050	mg/l	188	7/23/03	6:17
Benzene	< 0.00050	mg/l	4946	7/27/03	20:59
Toluene	< 0.0005	mg/l	188	7/23/03	6:17
Toluene	< 0.0005	mg/l	4946	7/27/03	20:59
Ethylbenzene	< 0.0005	mg/l	188	7/23/03	6:17
Ethylbenzene	< 0.0005	mg/l	4946	7/27/03	20:59
Xylenes (Total)	< 0.0005	mg/l	188	7/23/03	6:17
Xylenes (Total)	< 0.0005	mg/l	4946	7/27/03	20:59
TPH (Gasoline Range)	< 0.0500	mg/l	188	7/23/03	6:17
TPH (Gasoline Range)	< 0.0500	mg/l	4946	7/27/03	20:59
TPH (Diesel Range)	< 0.050	mg/l	1714	7/24/03	5:07
TPH (Diesel Range)	< 0.050	mg/l	1716	7/26/03	9:27

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
BTEX/GRO Surr., a,a,a-TFT	88.	‡ Recovery	188	7/23/03	6:17
BTEX/GRO Surr., a,a,a-TFT	99.	‡ Recovery	4946	7/27/03	20:59

Project QC continued . . .

PROJECT QUALITY CONTROL DATA

Project Number: 243113X

Project Name: EXXONMOBIL 7-3567

Page: 5

Laboratory Receipt Date: 7/22/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00010	mg/l	3418	7/23/03	12:36
Ethyl-t-butylether	< 0.00010	mg/l	3426	7/24/03	1:16
tert-amyl methyl ether	< 0.00019	mg/L	3418	7/23/03	12:36
tert-amyl methyl ether	< 0.00019	mg/L	3426	7/24/03	1:16
Tertiary butyl alcohol	< 0.00257	mg/l	3418	7/23/03	12:36
Tertiary butyl alcohol	< 0.00257	mg/l	3426	7/24/03	1:16
1,2-Dibromoethane	< 0.00018	mg/l	3418	7/23/03	12:36
1,2-Dibromoethane	< 0.00018	mg/l	3426	7/24/03	1:16
1,2-Dichloroethane	< 0.00021	mg/l	3418	7/23/03	12:36
1,2-Dichloroethane	< 0.00021	mg/l	3426	7/24/03	1:16
Methyl-t-butyl ether	< 0.00014	mg/l	3418	7/23/03	12:36
Methyl-t-butyl ether	< 0.00014	mg/l	3426	7/24/03	1:16
Diisopropyl ether	< 0.00003	mg/l	3418	7/23/03	12:36
Diisopropyl ether	< 0.00003	mg/l	3426	7/24/03	1:16
VOA Surr 1,2-DCA-d4	93.	‡ Rec	3418	7/23/03	12:36
VOA Surr 1,2-DCA-d4	99.	‡ Rec	3426	7/24/03	1:16
VOA Surr Toluene-d8	91.	‡ Rec	3418	7/23/03	12:36
VOA Surr Toluene-d8	92.	‡ Rec	3426	7/24/03	1:16
VOA Surr, 4-BFB	95.	‡ Rec	3418	7/23/03	12:36
VOA Surr, 4-BFB	93.	‡ Rec	3426	7/24/03	1:16
VOA Surr, DBFM	94.	‡ Rec	3418	7/23/03	12:36
VOA Surr, DBFM	97.	‡ Rec	3426	7/24/03	1:16

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 340207

Sample NonConformance/COC Revision Form

Initiated by:	Sgambill	Phone:		NC Closed	<input checked="" type="checkbox"/>
Client Name:	ERI	Sample Range:	113131-137	Date Closed	7/23/2003
Client Contact:		SDG:	340207		
Client Account:	3876	Analyst:	249		
Date Created:	7/22/2003	Supervisor:			
NC #:	113137	NC Type:	NC Analytical 1		

Process: Other NC/Process: See Comment Section Below

Corrected By: LEAH KLINGENS

Action:

Closed: Lklingsmith

Comments: Comment added by: Sgambill on 7/23/2003 10:59:32 AM
NC closed with out comments

Comment added by: Lklingsmith on 7/23/2003 8:21:22 AM
Client notified. From: Leah Klingsmith
Sent: Tuesday, July 22, 2003 3:56 PM
To: 'Scott Graham'
Subject: 7-3567

Hi Scott,

For the above site, only VOA's were submitted for MW5, so, DRO can not be provided. Just a heads up. Thanks!

<< File: 340207.PDF >>

RECEIVED 4 VOA'S FOR MW5/ WILL NOT BE ABLE TO RUN DRO

Nashville Division

COOLER RECEIPT FORM

BC#



Client: ERI

Cooler Received On: 7/22/03 And Opened On: 7/22/03 By: Shane Gambill

Shane Gambill
(Signature)

1. Temperature of Cooler when opened 0.0 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. Was sufficient ice used (if appropriate)?..... YES...NO...NA
10. Did all bottles arrive in good condition(unbroken)?..... YES...NO...NA
11. Were all bottle labels complete (#,date,signed,pres,etc)?..... YES...NO...NA
12. Did all bottle labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct bottles 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 bottle?..... 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. See attached for resolution of non-conformance: MW5 Received vials to no liters to run pro.

<input checked="" type="radio"/> Fed-Ex	UPS	Velocity	Airborne	Route	Off-street	Misc.
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TestAmerica
INCORPORATED

(615) 726-0177

Nashville Division

340207

2960 Foster Creighton

Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.

Address: 73 Digital Drive, Suite 100

City/State/Zip: Novato, California 94949

Project Manager: Scott Graham

Phone Number: (415) 382-5989

ERI Job Number: 243113X

Sampler Name: (Print) BEN RICHARDS

Sampler Signature: *BEN RICHARDS*

ExxonMobil Engineer Gene N. Ortega

Telephone Number (925) 246-8747

Account #: 3876

PO #:

Facility ID # 7-3567

Global ID# T0600191822

Site Address 3192 Santa Rita Road

City, State Zip Pleasanton, California, 94566

TAT <input type="checkbox"/> 24 hour <input type="checkbox"/> 48 hour <input checked="" type="checkbox"/> 8 day	PROVIDE: <input type="checkbox"/> EDF Report <input type="checkbox"/> FAX Results	Special Instructions:						Matrix			Analyze For:									
		Please use Silica gel clean-up on the TPHd samples. Oxygenates (MTBE, TAME, ETBE, DIPE & TBA) using 8260 Lead Scavengers (1,2 DCA & EDB) using 8260.						Water	Soil	Vapor	TPHd 8015	TPHg 8015	BTEX 8021B	MTBE 8021B	confirm mtbe 8260	Oxygenates 8260	VOCs 8260	Total Lead 6010	HVOCs 801	Lead Scavengers
Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER														
MW2	113131	7/17/2003		X	HCL	4/2	X			X	X	X		X						X
MW6	132	7/17/2003		X	HCL	4/2	X			X	X	X		X						X
MW5	133	7/17/2003		Grab	HCL	4 vocs	X			X	X	X		X						X
MW7	134	7/17/2003		X	HCL	4/2	X			X	X	X		X						X
MW4	135	7/18/2003		X	HCL	4/2	X			X	X	X		X						X
MW3	136	7/18/2003		X	HCL	4/2	X			X	X	X		X						X
MW1	137	7/18/2003		X	HCL	4/2	X			X	X	X		X						X
MW8		7/18/2003		X	HCL		X			X	X	X		X						X
QCBB		7/18/2003		X	HCL	2	X			H	O	L	D							

Relinquished by: *Neil Mad* Date: 7/21/03 Time: 1100

Received by: _____ Time: _____

Received by TestAmerica: *UG* Time: 7/21/03 8:10

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