ERI

ENVIRONMENTAL RESOLUTIONS, INC.

April 12, 2005
ERI 210113.Q051

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

Subject: Groundwater Monitoring and Remediation Status Report, First Quarter 2005, Former Exxon Service Station 7-0277, 1101 Yulupa Avenue, Santa Rosa, California. NPDES Permit No. CAG 915001, Order No. 5-00-11949. Santa Rosa Wastewater Discharge Permit No. SR-GW6590.

INTRODUCTION

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed first quarter 2005 groundwater monitoring and sampling and remedial activities at the subject site. This report covers activities from December 1, 2004, to March 3, 2005. Relevant tables, plates, and attachments are included at the end of this report. Currently, Whiteys TBA operates the site as a Valero-branded service station. Valero owns the underground storage system operated at the site.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging date:		01/10/05
Sampling dates:		01/10/05 and 01/11/05
Wells gauged and sampled:		MW5, MW5C, MW6 through MW13, MW15 through MW19, MW20A, MW20C, MW21A, MW21B, MW21C, MW22
Remediation system status on sampling date:		GET system active; AS/SVE system active
Concurrently sampled:		No
Laboratory:		TestAmerica Incorporated, Nashville, Tennessee
Analyses performed:	EPA Method 8015B:	TPHd, TPHg
	EPA Method 8260B:	MTBE, BTEX, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE, ethanol
Waste Disposal:		326 gallons purge and decon water delivered to Romic Environmental Technologies Corporation on 01/12/05 and 256 gallons of purge and decon water delivered to Romic on 01/14/05

REMEDIATION SYSTEM SUMMARY

Air Sparge/Soil Vapor Extraction System

The air sparge (AS) system injects air below the water table at one dual-completion AS/soil vapor extraction (SVE) well (AS/SVE1). The SVE system extracts soil vapor from the well using a positive displacement vacuum pump. Extracted soil vapor is abated using three 500-pound vapor-phase granular activated carbon (GAC) vessels prior to emission to the atmosphere. A moisture separator removes water from the vapor stream and pumps separated water to the groundwater extraction and treatment (GET) system for treatment. On a monthly basis, ERI collects vapor samples at influent, intermediate, and effluent ports to calculate hydrocarbon removal rates.

Groundwater Extraction and Treatment System

The GET system extracts groundwater from recovery wells RW1 and RW2 using submersible electric pumps. Extracted groundwater is directed through a particulate filter, three 500-pound aqueous-phase GAC vessels and an additional particulate filter prior to discharge to the sanitary sewer system.

ERI modified the GET system to discharge to the sanitary sewer in compliance with a City of Santa Rosa (the City) wastewater discharge permit (Wastewater Permit). ERI has suspended discharge activities under the National Pollution Discharge Elimination System (NPDES) discharge permit, and all future discharge will be to the sewer system under provisions of the Wastewater Permit. Details of the system modification are included in ERI's *Groundwater Extraction and Treatment System Start-Up Report*, dated March 23, 2005.

ERI collects water samples monthly, at influent, intermediate, and effluent sample ports, to ensure compliance with the Wastewater Permit and proper performance of the GET system.

Domestic Wellhead Treatment System

ERI completed installation of a domestic wellhead treatment system at the Mayette Apartments (3725 Mayette Avenue), on September 24, 2004. The wellhead treatment system consists of two 500-pound liquid-phase GAC vessels in series, and a totalizing flow meter. Water generated by the wellhead treatment system is used for irrigation. The wellhead treatment system is sampled on a quarterly basis during quarterly monitoring events.

System start-up dates:	AS/SVE System	September 2000
	GET System	June 2001(NPDES) March 2005 (Sewer)
	Domestic Wellhead	September 2004
System discharge permits:	AS/SVE System	Bay Area Air Quality Management District Permit No.12435
	GET System	NPDES Permit No. CAG 915001 Order No. 5-00-11949 City of Santa Rosa Wastewater Discharge Permit No. SR-GW6590
Reporting period:		12/01/04 – 03/03/05
System modifications during reporting period:		GET system retrofit and discharge point
System status during reporting period:	AS/SVE System	Active
	GET System	Active

Laboratory: Test America Inc., Nashville, Tennessee
Sequoia Analytical, Morgan Hill, California

Effluent analyses performed:

AS/SVE System	
EPA Method 8015B	TPHg
EPA Method 8021B	MTBE, BTEX
EPA Method 18M	TPHg, MTBE, BTEX
GET System	
EPA Method 8015	TPHg
EPA Method 8021B	BTEX
EPA Method 8260B	VOCs
Wellhead System	
EPA Method 524.2	MTBE, BTEX, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE
EPA Method 624	Ethanol

Discharge Permit non-compliance events and exceptions: None

System Performance:

AS/SVE System

Period	Mass of TPHg Removed (Pounds)	Mass of Benzene Removed (Pounds)	Mass of MTBE Removed (Pounds)
12/01/04 to 03/03/05	<4.5	<0.19	<0.24
To Date:	<1,170.0	<11.24	<13.61

GET System

Period	Volume of Groundwater Treated (gal)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
12/01/04 to 03/03/05	22,000	<0.012	<0.0001	0.001
To Date:	256,920	<0.123	<0.0021	<0.034

DOCUMENT DISTRIBUTION

ERI recommends forwarding copies of this report to:

Ms. Jo Bentz
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Mr. Paul Lowenthal
City of Santa Rosa Fire Department
955 Sonoma Avenue
Santa Rosa, California 95404

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. James F. Chappell, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this report.

Sincerely,
Environmental Resolutions, Inc.

SCANNED IMAGE

Karen L. Navarro
Technical Writer

SCANNED IMAGE

Geoffrey W. Waterhouse
R.G. 5019
C.HG. 334
C.E.G. 1561

REGISTERED GEOLOGIST
GEOFFREY WATERHOUSE
NO. 334
CERTIFIED HYDROGEOLOGIST
EXP 12/05
STATE OF CALIFORNIA

Attachments:	Table 1A:	Cumulative Groundwater Monitoring and Sampling Data
	Table 1B:	Additional Cumulative Groundwater Monitoring and Sampling Data
	Table 2:	Cumulative Domestic Well Sampling Data
	Table 3:	Cumulative Hydrocarbon Removal and Emissions for Soil Vapor Extraction System
	Table 4A:	Operation and Performance Data for Groundwater Extraction and Treatment System
	Table 4B:	Operation and Performance Data for Groundwater Extraction and Treatment System Volatile Organic Compounds
	Table 4C:	Operation and Performance Data for Groundwater Extractions and Treatment System-Inorganic Compounds
	Plate 1:	Site Vicinity Map
	Plate 2:	Generalized Site Plan
	Plate 3:	Groundwater Elevation Map, Upper Water-Bearing Zone
	Plate 4:	Groundwater Elevation Map, Lower Water-Bearing Zone
	Attachment A:	Groundwater Sampling Protocol
	Attachment B:	Laboratory Analytical Reports and Chain-of-Custody Records
	Attachment C:	Waste Disposal Documentation
	Attachment D:	Certification Statement

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW1	UST observation well, not monitored or sampled since 2/22/94.											
(208.00)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
MW2	UST observation well, not monitored or sampled since 2/22/94.											
(207.85)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
MW3	UST observation well, not monitored or sampled since 2/22/94.											
(208.33)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
MW4	UST observation well, not monitored or sampled since 2/22/94.											
(208.20)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
MW5	08/13/96	NLPH	12.90	195.20	—	4,000	<200	—	570	27	360	230
(208.10)	11/14/96	NLPH	13.15	194.95	—	4,400	<200	—	700.0	28	250	93
	02/18/97	NLPH	9.35	198.75	—	3,800	<300	—	300.0	250.0	390.0	850.0
	05/22/97	NLPH	10.82	197.28	—	1,500	470	—	55.0	8.6	4.4	15
	a											
	03/05/98	NLPH	8.38	199.72	—	12,000	170	—	440	1,000	930	2,700
	05/18/98	NLPH	9.13	198.97	—	5,200	<100	—	210	130	470	620
(208.11)	08/17/98	NLPH	11.28	196.83	360	5,900	400	—	180	510	280	910
	11/17/98	NLPH	11.28	196.83	270	2,600	310	—	170	22	16	72
	02/10/99	NLPH	7.33	200.78	1,900	25,000	<250	—	520	3,100	1,500	6,000
	05/12/99	NLPH	10.03	198.08	129	535	30.7	—	40.3	6.98	15.2	11.6
	08/10/99	NLPH	12.23	195.88	498	2,280	328	—	<10	<10	32.8	10.1
	11/22/99	NLPH	11.18	196.93	130	3,300	120	—	90	15	21	52.7
	02/09/00	NLPH	9.09	199.02	160	2,400	49	—	120	50	130	340
	5/30/00 & 5/31/00	NLPH	9.21	198.90	180	1,300	64	—	160	31	82	144
	09/13/00	NLPH	13.00	195.11	360	1,200	240	—	56	13	12	27.4
	12/08/00	NLPH	11.37	196.74	420c	2,000	260	—	82	8.1	12	30.4
	01/18/01	NLPH	10.24	197.87	420c	13,000	170	86	480	630	1,000	3,410
	05/31/01	NLPH	10.84	197.27	270	1,500	14	78	56	5.2	3	13
	08/31/01	NLPH	13.12	194.99	130	2,700	160	190	250	19	61	124
(208.13)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.94	199.17	200	1,500	96	—	98	11	25	42.6
	02/22/02	NLPH	8.71	199.40	414	2,200	57.0	27.6	204	36.0	273	423
	05/21/02	NLPH	10.14	197.99	287	2,660	61.4	—	31.7	3.5	2.0	9.8
	09/03/02	NLPH	13.01	195.12	315	1,900	145	288	32.4	4.2	4.9	14.5
	11/27/02	NLPH	12.22	195.91	571	3,020	320	60.5	149	18.2	48.5	124
	02/28/03	NLPH	9.61	198.52	1,090	17,200	64.0	32.0	420	138	1,380	3,170
	05/21/03	NLPH	9.57	198.56	391	2,080	35.3	14.8	105	7.1	175	87.5
	09/02/03	NLPH	12.65	195.48	583e	3,020	194	—	188	12.5	51	81.1
	11/26/03	NLPH	12.19	195.94	439	2,670	343	304	91.2	11.7	25.5	40.8
	02/12/04	NLPH	9.18	198.95	848e	4,940	—	45.5	157	20.6	398	382
	04/26/04	NLPH	10.17	197.96	221	1,280	115	94.4	60.0	5.4	42.8	17.5
	07/26/04	NLPH	13.05	195.08	165	1,700	73.8	65.7	84.6	5.8	28.2	25.7
	10/18/04	NLPH	13.22	194.91	447e	3,290	—	70.1	37.8	6.30	34.5	30.8
	11/24/04	NLPH	11.82	196.31	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.12	200.01	1,540e	4,270	—	10.6	134	18.4	1,090	1,070
MW5C	01/10/05	NLPH	7.44	200.92	—	—	—	—	—	—	—	—
(208.36)	01/11/05	—	—	—	230e	<50.0	—	5.80	<0.50	<0.50	1.50	3.80
MW6	08/13/96	NLPH	12.54	195.69	—	150	<30	—	<0.5	<0.5	<0.5	<0.5
(208.23)	11/14/96	NLPH	13.18	195.05	—	1,200	<30	—	<0.5	2.3	3.1	1.2
	02/18/97	NLPH	9.03	199.20	—	420	<30	—	<0.5	<0.5	0.53	<0.5
	05/22/97	NLPH	10.87	197.36	—	200	<30	—	<0.5	<0.5	<0.5	<0.5
	a											
	03/05/98	NLPH	8.02	200.21	—	170	<2.0	—	7.2	2.1	3.3	1.7
	05/18/98	NLPH	8.92	199.31	—	150	11	—	3.0	<0.5	<0.5	<0.5
(208.25)	08/17/98	NLPH	11.38	196.87	220	390	14	—	<0.5	1.6	0.58	<0.5
	11/17/98	NLPH	11.42	196.83	100	160	7.1	—	0.81	1.1	<0.5	<0.5
	02/10/99	NLPH	6.81	201.44	82	250	14	—	5.0	1.4	<0.5	1.1
	05/11/99	NLPH	9.86	198.39	61.1	228	4.15	—	<0.5	1.45	0.564	<0.5
	08/10/99	NLPH	12.20	196.05	134	675	19.0	—	10.8	1.32	<1.0	<1.0
	11/22/99	NLPH	11.32	196.93	57	890	5.7	—	<0.5	<0.5	0.77	1.09
	02/09/00	NLPH	9.15	199.10	70	350	<2	—	1.5	<0.5	<0.5	<0.5
	5/30/00 & 5/31/00	NLPH	9.06	199.19	<50	620	<2	—	2.6	<0.5	2.1	3.7
	09/13/00	NLPH	13.22	195.03	<50	86	<2	—	0.72	1.2	<0.5	0.9
	12/08/00	NLPH	11.52	196.73	340c	150	<2	—	1.7	<0.5	0.77	0.66
	01/18/01	NLPH	10.28	197.97	84c	440	<2	—	<0.5	<0.5	1.3	1
	05/31/01	NLPH	10.93	197.32	62	360	<2	—	<0.5	<0.5	0.89	<0.5

TABLE 1A
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Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW6 (cont.)	08/31/01	NLPH	13.20	195.05	460	670	<2	—	4.1	<0.5	.99	0.52
(208.24)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.90	199.35	110	1,100	5.8	—	<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	8.34	199.91	<50.0	326	7.20	0.6	<0.50	<0.50	<0.50	<0.50
	05/21/02	NLPH	10.21	198.03	82	447	6.3	—	2.2	0.8	0.7	3.9
	09/03/02	NLPH	13.06	195.18	<50	163	3.8	1.00	0.8	<0.5	<0.5	<0.5
	11/27/02	NLPH	13.33	194.91	<50	227	5.1	<0.50	2.2	0.6	0.6	0.5
	02/28/03	NLPH	9.31	198.93	<50	110	2.1	<0.50	0.60	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.47	198.77	<50	259	3.8	<0.50	4.70	1.6	1.3	3.7
	09/02/03	NLPH	12.73	195.51	76e	297	0.60	—	1.40	1.6	.6	<0.5
	11/26/03	NLPH	12.31	195.93	<50	343	<0.5	—	2.70	0.8	0.9	1.5
	02/12/04	NLPH	8.99	199.25	57e	534		0.80	2.60	0.7	<1.0	<3.0
	04/26/04	NLPH	10.23	198.01	55	382	5.4	0.72	5.60	0.5	0.5	<0.5
	07/26/04	NLPH	12.53	195.71	<50	140	3.3	0.80	2.70	<0.5	<0.5	<0.5
	10/18/04	NLPH	13.43	194.81	<50	90.5	—	1.50	<0.50	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.77	196.47	—	—	—	—	—	—	—	—
	01/05/05	NLPH	7.69	200.55	92e	409	—	1.10	<0.50	<0.50	<0.50	<0.50
MW7	08/13/96	NLPH	12.95	195.28	—	44,000	<800	—	4,000	5,700	1,400	5,200
(208.23)	11/14/96	NLPH	13.15	195.08	—	25,000	<600	—	2,900	1,800	1,200	4,100
	02/18/97	NLPH	9.60	198.63	—	39,000	6,500	—	5,700	11,000	1,500	7,900
	05/22/97	NLPH	10.81	197.42	—	170,000	<2,000	—	19,000	44,000	5,500	27,000
	a											
	03/05/98	NLPH	8.56	199.67	—	14,000	900	—	1,600	3,100	530	2,400
	05/18/98	NLPH	9.28	198.95	—	92,000	1,300	—	7,000	18,000	2,800	14,000
(208.22)	8/17 &18/98	NLPH	11.31	196.91	3,400	110,000	3,500	—	8,600	24,000	3,600	17,000
	11/17/98	NLPH	11.28	196.94	5,100	43,000	<250	—	5,200	9,600	2,000	8,500
	02/10/99	NLPH	7.71	200.51	15,000	120,000	760	—	7,500	25,000	<250	21,000
	05/12/99	NLPH	10.05	198.17	4,930	93,100	747	—	7,650	22,200	3,980	20,500
	08/10/99	NLPH	12.03	196.19	8,980	93,200	1,130	—	8,130	11,800	3,660	16,300
	11/22/99	NLPH	11.16	197.06	1,800	24,000	130	—	1,800	3,300	1,000	3,760
	02/09/00	NLPH	9.23	198.99	2,800	99,000	510	—	7,300	17,000	4,300	19,300
	5/30/00 & 5/31/00	NLPH	9.43	198.79	2,700	140,000	2,700	—	8,300	23,000	5,300	24,500
	09/13/00	NLPH	12.91	195.31	830	7,400	360	—	1,100	37	480	1,070
	12/08/00	NLPH	11.34	196.88	4,100c	110,000	1,100	—	8,800	20,000	4,400	21,400
	01/18/01	NLPH	10.25	197.97	2,200c	120,000	1,300	1,300	7,900	22,000	4,800	22,800
	05/31/01	NLPH	10.82	197.40	2,200	88,000	210	1,000	6,500	13,000	4,000	19,000
	08/31/01	NLPH	13.06	195.16	<50	15,000	400	430	2,100	<12	1,100	896
(208.23)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.86	199.36	6,100	83,000	870		720	6,900	1,600	16,600
	02/22/02	NLPH	8.91	199.31	7,840	38,100	825	1,000	375	1,130	1,080	15,200
	05/21/02	NLPH	10.12	198.11	10,100	50,800	220		335	1,120	795	12,200
	09/03/02	NLPH	12.97	195.26	3,000	6,300	138	149	497	6.0	326	668
	11/27/02	NLPH	12.22	196.01	1,070	1,390	35.5	30.0	89.3	3.1	93.5	44.2
	02/28/03	NLPH	9.70	198.53	94	81.7	16.0	16.3	2.80	<0.5	3.6	2.3
	05/21/03	NLPH	9.64	198.59	187	1,660	1,430	1,810	6.20	0.5	0.8	2.8
	09/02/03	NLPH	12.62	195.61	1,070e	2,220	81.6	—	152	3.9	182	41.2
	11/26/03	NLPH	12.25	195.98	70e	254	—	8.00	18.8	0.7	12.6	3.0
	02/12/04	NLPH	9.36	198.87	51e	<100	—	20.5	1.00	<0.5	<0.5	<3.0
	04/26/04	NLPH	10.18	198.05	<50	68.3	19.6	17.5	0.60	<0.5	<0.5	1.0
	07/26/04	NLPH	12.98	195.25	72	117	29.5	27.8	6.40	<0.5	0.5	0.9
	10/18/04	NLPH	13.23	195.00	262e	106	—	8.00	<0.50	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.79	196.44	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.35	199.88	104e	<50.0	—	4.70	<0.50	<0.50	<0.50	1.10
MW8	02/22/94	—	—	—	—	—	—	—	—	—	—	—
(207.61)	05/22/97	—	—	—	—	—	—	—	—	—	—	—
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	8.85	198.76	—	330	680	—	26	6.6	12	38
(207.63)	8/17 &18/98	NLPH	10.82	196.81	120	300	1,200	—	6.0	0.78	<0.5	2.7
	11/17/98	NLPH	10.71	196.92	170	540	270	—	63	1.30	43	86
	02/10/99	NLPH	7.24	200.39	270	240	240	—	15	1.8	9.7	25
	05/11/99	NLPH	9.57	198.06	95.2	93.1	168	—	4.98	<0.5	3.14	1.81
	08/10/99	NLPH	11.58	196.05	67.5	199	100	—	13.8	<0.5	0.767	0.554
	11/22/99	NLPH	10.64	196.99	<50	970	63	—	43	1	4.7	4.45
	02/09/00	NLPH	8.72	198.91	70	180	92	—	10	<0.5	4	2.7
	5/30/00 & 5/31/00	NLPH	8.81	198.82	210	57	400	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	12.36	195.27	52	77	200	—	2.5	1.4	<0.5	0.94
	12/08/00	NLPH	10.81	196.82	210c	320	170	—	38	<0.5	17	4.5
	01/18/01	NLPH	9.74	197.89	120c	100	140	—	6.4	<0.5	2.4	0.61

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW8 (cont.)	05/31/01	NLPH	10.28	197.35	<50	<250	130	130	3.5	<2.5	<2.5	<2.5
(207.63)	08/31/01	NLPH	12.52	195.11	72	<50	76	110	<0.5	<0.5	<0.5	<0.5
(207.63)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.49	199.14	51	140	53	—	1.1	<0.5	1.7	<0.5
	02/22/02	NLPH	8.42	199.21	<50.0	110	84.5	123	1.90	<0.50	1.90	<0.50
	05/21/02	NLPH	9.60	198.03	66	204	73.3	—	5.7	<0.5	6.9	1.3
	09/03/02	NLPH	12.47	195.16	88	81.0	81.9	94.9	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	11.73	195.90	<50	65.8	62.3	59.4	<0.5	<0.5	<0.5	<0.5
	02/28/03	NLPH	9.19	198.44	<50	100	90.4	89.3	2.80	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.14	198.49	<50	90.1	72.2	75.2	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	12.12	195.51	<50	<50	47.6	—	<0.50	0.5	<0.5	<0.5
	11/26/03	NLPH	11.76	195.87	365	53.1	53.6	41.4	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	8.89	198.74	<50	<50.0	—	40.4	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	9.67	197.96	<50	<50.0	24.5	26.2	<0.50	0.6	<0.5	0.8
	07/26/04	NLPH	12.37	195.26	<50	<50.0	25.5	19.9	<0.50	<0.5	<0.5	<0.5
	10/18/04	NLPH	12.67	194.96	<50	<50.0	—	20.1	<0.50	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.30	196.33	—	—	—	—	—	—	—	—
	01/10/05	NLPH	7.89	199.74	<50	<50.0	—	19.9	<0.50	<0.50	<0.50	<0.50
MW9	08/13/96	NLPH	11.94	195.45	—	1,600	<30	—	120	5.7	2.8	3.5
(207.39)	11/14/96	NLPH	12.45	194.94	—	1,800	<30	—	53	2.4	2.4	3.4
	02/18/97	NLPH	9.00	198.39	—	180	73	—	4.7	1.4	0.53	1.3
	05/22/97	NLPH	10.06	197.33	—	<50	71	—	<0.5	<0.5	<0.5	<0.5
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	03/05/98	NLPH	8.20	199.19	—	300	130	—	120	64	2.3	3.1
	05/18/98	NLPH	8.85	198.54	—	750	130	—	170	3.5	4.1	2.3
	8/17 &18/98	NLPH	10.39	197.00	280	1,900	200	—	550	6.9	6.0	9.8
	11/17/98	NLPH	10.69	196.70	310	1,100	130	—	210	7.8	3.2	6.9
	02/10/99	NLPH	7.37	200.02	250	660	81	—	100	<2.5	<2.5	<2.5
	05/12/99	NLPH	9.59	197.80	300	1,540	75.4	—	415	11.7	8.92	<2.5
	08/10/99	NLPH	11.26	196.13	478	2,380	94.8	—	229	7.44	<5.0	<5.0
	11/22/99	NLPH	10.39	197.00	81	370	34	—	28	0.94	1.6	1.84
	02/09/00	NLPH	8.87	198.52	150	410	35	—	52	<0.5	1.5	0.9
	5/30/00 & 5/31/00	NLPH	8.93	198.46	97	890	65	—	120	1.2	2.3	3.15
	09/13/00	NLPH	12.07	195.32	55	370	47	—	14	2.9	0.73	1.7
	12/08/00	NLPH	10.65	196.74	520c	1,600	<10	—	140	<2.5	5.3	5.8
	01/18/01	NLPH	9.65	197.74	110c	610	36/22b	22	69	<0.5	2.3	3.53
	05/31/01	NLPH	10.11	197.28	210	580	<10	—	36	<2.5	<2.5	<2.5
	08/31/01	NLPH	12.30	195.09	140	1,000	16/11b	11	38	<0.5	2.7	5.1
(207.39)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.43	198.96	180	1,300	11	—	5.9	<0.5	2.1	2.1
	02/22/02	NLPH	8.46	198.93	64.0	285	37.7	29	5.80	0.60	1.10	1.50
	05/21/02	NLPH	9.41	197.98	418	856	50.6		6.5	1.2	1.4	2.8
	09/03/02	NLPH	12.34	195.05	106	363	32.1	39.2	3.2	<0.5	0.9	0.8
	11/27/02	NLPH	11.61	195.78	300	377	32.9	31.4	4.9	<0.5	0.7	0.8
	02/28/03	NLPH	9.12	198.27	<50	51.1	37.0	35.0	<0.50	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.05	198.34	51	88.6	28.1	26.8	0.60	<0.5	<0.5	<0.5
	09/02/03	NLPH	11.97	195.42	53e	142	18.8	—	1.70	1.4	<0.5	<0.5
	11/26/03	NLPH	11.59	195.80	117	230	10.9	6.40	0.50	0.6	0.7	1.2
	02/12/04	NLPH	8.85	198.54	<50	51.4	—	16.6	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	9.51	197.88	<50	111	12.1	11.8	1.00	0.5	<0.5	<0.5
	07/26/04	NLPH	12.03	195.36	232	78.9	12.4	10.1	<0.50	<0.5	<0.5	<0.5
	10/18/04	NLPH	12.40	194.99	<50	77.1	—	8.40	<0.50	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.15	196.24	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.01	199.38	53e	<50.0	—	13.6	<0.50	<0.50	<0.50	<0.50
MW10	08/13/96	NLPH	11.43	195.50	—	140	<30	—	<0.5	<0.5	<0.5	<0.5
(206.93)	11/14/96	NLPH	12.20	194.73	—	230	<30	—	<0.5	<0.5	<0.5	<0.5
	02/18/97	NLPH	9.08	197.85	—	1,800	<30	—	6.9	17	4	5.4
	05/22/97	NLPH	9.99	196.94	—	290	<30	—	<0.5	<0.5	<0.5	<0.5
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	8.93	198.00	—	2,200	350	—	48	5.9	<5.0	<5.0
(206.95)	8/17 &18/98	NLPH	10.49	196.46	210	330	130	—	0.51	3.7	<0.5	<0.5
	11/17/98	NLPH	10.68	196.27	73	<50	100	—	<0.5	<0.5	<0.5	<0.5
	02/10/99	NLPH	7.83	199.12	1,300	1,900	410	—	<5.0	12	<5.0	<5.0
	05/12/99	NLPH	9.44	197.51	438	1,370	395	—	9.67	<1.0	1.13	1.15
	08/10/99	NLPH	11.45	195.50	<50	162	117	—	1.82	<0.5	<0.5	<0.5
	11/22/99	NLPH	9.54	197.41	60	<250	79	—	<2.5	2.9	3.6	<2.5
	02/09/00	NLPH	8.85	198.10	270	570	300	—	3.6	0.65	0.65	2.3
	05/30/00	NLPH	9.01	197.94	—	—	—	—	—	—	—	—

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW10 (cont.)	06/06/00	NLPH	9.75	197.20	490	950	380	—	<0.5	<0.5	1.5	3.6
(206.95)	09/13/00	NLPH	11.44	195.51	<50	<50	89	—	<0.5	0.99	<0.5	0.57
	12/08/00	NLPH	10.51	196.44	210c	<50	69	—	0.62	<0.5	<0.5	0.5
	01/18/01	NLPH	9.55	197.40	88c	96	94/78b	78	0.6	<0.5	<0.5	<0.5
	05/31/01	NLPH	9.84	197.11	72	60	100/92b	92	<0.5	<0.5	<0.5	<0.5
	08/31/01	NLPH	12.98	193.97	<50	<50	49/73b	73	<0.5	<0.5	<0.5	<0.5
(206.97)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.61	198.34	71	960	50	50	<0.5	<0.5	8.1	11.5
	02/22/02	NLPH	8.60	198.35	317	635	139	210	4.20	2.20	1.60	4.00
	05/21/02	NLPH	9.22	197.75	146	339	74.9	—	1.2	0.8	0.5	2.0
	09/03/02	NLPH	12.33	194.64	<50	<50.0	41.5	47.0	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	11.59	195.38	<50	<50.0	38.9	39.3	<0.5	<0.5	<0.5	<0.5
	02/28/03	NLPH	9.07	197.90	233	495	104	110	<0.50	0.8	0.8	1.4
	05/21/03	NLPH	9.01	197.96	277	602	88.1	86.4	4.90	0.7	<0.5	1.4
	09/02/03	NLPH	11.91	195.06	<50	<50	38.0	—	<0.5	<0.5	<0.5	<0.5
	11/26/03	NLPH	11.26	195.71	85	<50.0	33.6	25.7	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	8.92	198.05	155e	180	—	79.3	0.60	<0.5	<0.5	0.7
	04/26/04	NLPH	9.41	197.56	<50	70.6	47.1	44.1	<0.50	<0.5	<0.5	<0.5
	07/26/04	NLPH	11.02	195.95	<50	<50.0	32.5	25.2	<0.50	<0.5	<0.5	<0.5
	10/18/04	g	g	g	f	f	f	f	f	f	f	f
	11/24/04	NLPH	11.10	195.87	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.11	198.86	—	—	—	—	—	—	—	—
	01/11/05	—	—	—	167e	59.1	—	35.6	<0.50	<0.50	<0.50	<0.50
MW11	08/13/96	NLPH	12.81	195.22	—	1,100	<30	—	16	4.9	1.4	8.9
(208.03)	11/14/96	NLPH	12.87	195.16	—	1,500	<30	—	22	4.6	11	4.8
	02/18/97	NLPH	9.30	198.73	—	390	<30	—	<0.5	<0.5	2.1	0.78
	05/22/97	NLPH	10.59	197.44	—	320	<30	—	0.81	<0.5	1.5	0.5
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	03/05/98	NLPH	8.36	199.67	—	110	<2.0	—	0.50	<0.5	1.1	3.6
	05/18/98	NLPH	9.04	198.99	—	<50	2.7	—	0.80	<0.5	<0.5	<0.5
(208.04)	08/17/98	NLPH	11.09	196.95	210	950	44	—	13	<5.0	30	9.3
	11/17/98	NLPH	11.03	197.01	130	360	14	—	2.8	3.5	5.9	2.1
	02/10/99	NLPH	7.62	200.42	65	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	05/11/99	NLPH	9.89	198.15	75.8	174	<2.0	—	<0.5	1.32	7.11	<0.5
	08/10/99	NLPH	11.77	196.27	80.8	462	<5.0	—	6.12	<1.0	2.04	<1.0
	11/22/99	NLPH	10.89	197.15	52	350	5.1	—	<1	1.9	3.3	2.6
	02/09/00	NLPH	8.96	199.08	120	530	<2	—	3.2	<0.5	0.59	<0.5
	5/30/00 & 5/31/00	NLPH	8.69	199.35	<59	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	12.67	195.37	87	280	<2	—	11	12	4	5.9
	12/08/00	NLPH	11.11	196.93	480c	440	<2	—	3.2	1.3	3.4	1.1
	01/18/01	NLPH	10.03	198.01	220c	340	<2	—	<0.5	1.3	33	5.3
	05/31/01	NLPH	10.60	197.44	<50	410	<10	—	<2.5	<2.5	<2.5	<2.5
	08/31/01	NLPH	12.83	195.21	73	440	<2	—	2	<0.5	1.3	0.63
(208.02)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.60	199.44	730	830	3.1	—	<0.5	0.73	34	2.82
	02/22/02	NLPH	8.70	199.34	53.0	<50.0	0.50	0.8	<0.50	<0.50	0.90	0.70
	05/21/02	NLPH	9.87	198.15	55	87.5	2.1	—	<0.5	<0.5	<0.5	<0.5
	09/03/02	NLPH	12.77	195.25	98	183	8.6	9.90	0.7	<0.5	7.1	2.9
	11/27/02	NLPH	12.02	196.00	<50	70.6	5.0	3.50	0.7	<0.5	<0.5	0.7
	02/28/03	NLPH	9.52	198.50	1,010	259	16.4	15.5	1.10	0.5	9.8	14.4
	05/21/03	NLPH	9.44	198.58	<50	<50.0	2.0	1.90	<0.50	<0.5	<0.5	1.3
	09/02/03	NLPH	12.41	195.61	<50	<50.0	2.30	—	<0.50	<0.50	<0.50	<0.50
	11/26/03	NLPH	12.58	195.44	<50	<50.0	1.3	0.80	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	9.13	198.89	<50	<50.0	—	1.20	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	10.01	198.01	<50	<50.0	1.7	1.60	<0.50	<0.5	<0.5	<0.5
	07/26/04	NLPH	12.79	195.23	<50	<50.0	1.6	1.20	<0.50	<0.5	<0.5	<0.5
	10/18/04	NLPH	13.06	194.96	<50	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.61	196.41	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.20	199.82	56e	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW12	08/13/96	NLPH	13.13	195.46	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
(208.59)	11/14/96	NLPH	13.86	194.73	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	02/18/97	NLPH	10.72	197.87	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	05/22/97	NLPH	11.64	196.95	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
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	03/05/98	—	—	—	—	—	—	—	—	—	—	—
(208.61)	05/18/98	NLPH	10.58	198.01	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	08/17/98	NLPH	12.12	196.49	50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/17/98	NLPH	11.69	196.92	55	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	02/10/99	NLPH	9.23	199.38	74	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5

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CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW12 (cont.)	05/11/99	NLPH	11.91	196.70	<50	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
(208.61)	08/10/99	NLPH	13.13	195.48	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/22/99	NLPH	11.61	197.00	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	02/09/00	NLPH	10.53	198.08	60	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	05/30/00	NLPH	10.60	198.01	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	12.99	195.62	<50	<50	<2	—	<0.5	0.56	<0.5	<0.5
	12/08/00	NLPH	12.18	196.43	200c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	01/18/01	NLPH	11.22	197.39	84c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	05/31/01	NLPH	11.49	197.12	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	08/31/01	NLPH	13.79	194.82	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
(208.62)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	10.46	198.15	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	12.76	195.85	<50.0	<50.0	1.00	—	<0.50	<0.50	0.50	<0.50
	05/21/02	NLPH	10.88	197.74	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	1.8
	09/03/02	NLPH	13.97	194.65	57	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	13.26	195.36	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	02/28/03	NLPH	10.73	197.89	<50	<50.0	<0.5	<0.50	<0.50	<0.5	<0.5	<0.5
	05/21/03	NLPH	10.64	197.98	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	13.60	195.02	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	11/26/03	NLPH	12.96	195.66	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	10.60	198.02	190e	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	10.80	197.82	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	07/26/04	NLPH	13.56	195.06	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	10/18/04	g	g	g	<50g	<50.0g	—	<0.50g	<0.50g	<0.50g	<0.50g	<0.50g
	11/24/04	NLPH	12.79	195.83	—	—	—	—	—	—	—	—
	01/10/05	**NLPH**	**9.79**	**198.83**	**<50**	**<50.0**	**—**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW13	08/13/96	NLPH	12.07	195.76	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
(207.83)	11/14/96	NLPH	12.57	195.26	—	<50	<30	—	<0.5	<0.5	<0.5	1
	02/18/97	NLPH	13.06	194.77	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	05/22/97	NLPH	10.30	197.53	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	8.86	198.97	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
(207.85)	08/17/98	NLPH	10.82	197.03	80	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/17/98	NLPH	10.68	197.17	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	02/10/99	NLPH	6.43	201.42	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	05/11/99	NLPH	9.53	198.32	<50	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
	08/10/99	NLPH	11.53	196.32	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/22/99	NLPH	10.54	197.31	<50	<50	<2	—	<0.5	<0.5	<0.5	1.3
	02/09/00	NLPH	8.73	199.12	80	<50	<2	—	0.87	<0.5	<0.5	1.1
	05/30/00	NLPH	8.56	199.29	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	12.34	195.51	<50	<50	<2	—	0.74	1.2	<0.5	0.61
	12/08/00	NLPH	10.80	197.05	210c	<50	<2	—	0.58	<0.5	<0.5	<0.5
	01/18/01	NLPH	9.78	198.07	85c	61	<2	—	<0.5	<0.5	<0.5	<0.5
	05/31/01	NLPH	10.31	197.54	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	08/31/01	NLPH	12.53	195.32	86	<50	<2	—	<0.5	<0.5	<0.5	<0.5
(207.85)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.28	199.57	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	10.01	197.84	<50.0	<50.0	<0.50	—	<0.50	<0.50	0.80	<0.50
	05/21/02	NLPH	9.52	198.33	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	09/03/02	NLPH	12.51	195.34	84	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	11.72	196.13	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	02/28/03	NLPH	9.21	198.64	<50	<50.0	<0.5	<0.50	<0.50	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.24	198.61	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	10.12	197.73	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	11/26/03	NLPH	11.66	196.19	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	8.96	198.89	191e	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	9.71	198.14	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	07/26/04	NLPH	12.13	195.72	66	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	10/18/04	g	g	g	<50g	<50.0g	—	<0.50g	<0.50g	<0.50g	<0.50g	<0.50g
	11/24/04	NLPH	11.31	196.54	—	—	—	—	—	—	—	—
	01/10/05	**NLPH**	**8.50**	**199.35**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
	01/11/05	**—**	**—**	**—**	**66e**	**<50.0**	**—**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW14	08/13/96	NLPH	12.45	194.98	—	70	<30	—	2.3	0.7	<0.5	<0.5
(207.43)	11/14/96	NLPH	12.92	194.51	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	02/18/97	Well destroyed										
MW15	08/13/96	NLPH	13.45	194.20	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
(207.65)	11/14/96	NLPH	13.53	194.12	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW15 (cont.)	02/18/97	NLPH	8.80	198.85	—	<50	<30	—	0.85	1.8	1.3	5.6
(207.65)	05/22/97	NLPH	11.6	196.05	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	8.59	199.06	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	08/17/98	NLPH	12.71	194.94	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
(207.68)	11/17/98	NLPH	12.03	195.65	73	<50	20	—	3.7	<0.5	<0.5	<0.5
	02/10/99	NLPH	6.21	201.47	<50	<50	3.2	—	0.54	1.6	<0.5	2.3
	05/11/99	NLPH	10.57	197.11	<50	<50	<2.0	—	<0.5	1.78	<0.5	<0.5
	08/10/99	NLPH	13.55	194.13	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/22/99	NLPH	11.98	195.70	<50	<50	5	—	<0.5	<0.5	<0.5	<0.5
	02/09/00	NLPH	8.98	198.70	80	<50	4.5	—	<0.5	<0.5	<0.5	<0.5
	05/30/00	NLPH	8.95	198.73	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	14.53	193.15	<50	<50	16	—	<0.5	0.97	<0.5	0.81
	12/08/00	NLPH	12.15	195.53	310c	<50	4.8	—	0.91	<0.5	0.85	0.83
	01/18/01	NLPH	10.96	196.72	82c	<50	9.6	—	<0.5	<0.5	<0.5	<0.5
	05/31/01	NLPH	12.20	195.48	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	08/31/01	NLPH	15.04	192.64	<50	<50	5.5	10	<0.5	<0.5	<0.5	<0.5
(207.80)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	10.01	197.79	<50	<50	4.1	4.1	<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	10.95	196.85	<50.0	<50.0	<0.50	—	<0.50	<0.50	<0.50	<0.50
	05/21/02	NLPH	11.23	196.57	87	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	09/03/02	NLPH	14.51	193.29	195	<50.0	1.2	—	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	13.00	194.80	<50	<50.0	11.9	11.6	<0.5	<0.5	<0.5	0.6
	02/28/03	NLPH	9.11	198.69	<50	<50.0	3.4	3.50	<0.50	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.56	198.24	335	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	14.20	193.60	<50	<50.0	1.30	—	<0.50	0.8	<0.5	<0.5
	11/26/03	NLPH	13.13	194.67	<50	<50.0	10.4	7.90	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	8.91	198.89	<50	<50.0	—	5.20	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	10.72	197.08	<50	<50.0	1.2	1.15	<0.50	<0.5	<0.5	<0.5
	07/26/04	g	g	g	<50g	<50.0g	6.7g	5.60g	<0.50g	<0.5g	<0.5g	<0.5g
	10/18/04	g	g	g	58e,g	217g	—	132g	<0.50g	<0.50g	<0.50g	<0.50g
	11/24/04	NLPH	12.40	195.40	—	—	—	—	—	—	—	—
	01/10/05	NLPH	7.17	200.63	—	—	—	—	—	—	—	—
	01/11/05	—	—	—	66e	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
MW16	08/13/96	NLPH	12.34	195.31	—	250	<30	—	12	1.3	<0.5	5.2
(207.65)	11/14/96	NLPH	12.92	194.73	—	<50	<30	—	3.4	0.54	<0.5	1.6
	02/18/97	NLPH	9.35	198.30	—	460	<30	—	48	3.1	<0.5	5.2
	05/22/97	NLPH	10.56	197.09	—	680	56	—	3	7.4	1.8	8.4
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	9.17	198.48	—	330	630	—	35	0.68	<0.5	2.8
(207.43)	8/17 &18/98	NLPH	11.20	196.23	220	280	550	—	28	0.94	16	44
	11/17/98	NLPH	11.07	196.36	86	120	710	—	4.5	0.51	<0.51	2.6
	02/10/99	NLPH	7.21	200.22	120	290	770	—	14	1.1	<0.5	3.3
	05/11/99	NLPH	9.91	197.52	132	331	552	—	5.68	6.38	<2.5	<2.5
	08/10/99	NLPH	12.06	195.37	<50	246	382	—	<1.0	<1.0	<1.0	3.08
	11/22/99	NLPH	10.81	196.62	63	150	410	—	<0.5	0.59	<0.5	3.16
	02/09/00	NLPH	8.83	198.60	140	190	420	—	<0.5	<0.5	<0.5	0.93
	5/30/00 & 5/31/00	NLPH	9.13	198.30	<50	300	450	—	0.8	<0.5	<0.5	3.66
	09/13/00	NLPH	12.64	194.79	61	130	260	—	1.9	1.4	<0.5	3.07
	12/08/00	NLPH	11.06	196.37	500c	150	240	—	2.2	<0.5	<0.5	1.7
	01/18/01	NLPH	10.00	197.43	88c	110	240	190	0.88	<0.5	<0.5	2
	05/31/01	NLPH	10.58	196.85	54	130	360	320	<0.5	<0.5	<0.5	0.83
	08/31/01	NLPH	12.89	194.54	<50	140	250	230	0.87	<0.5	<0.5	0.82
(207.41)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	9.34	198.07	54	110	170	—	<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	8.55	198.86	<50.0	254	185	274	10.2	1.70	<0.50	1.70
	05/21/02	NLPH	10.03	197.38	76	444	147	—	1.2	<0.5	<0.5	2.1
	09/03/02	NLPH	12.86	194.55	62	281	153	195	0.7	<0.5	<0.5	2.0
	11/27/02	NLPH	12.00	195.41	53	230	132	124	1.2	<0.5	<0.5	1.8
	02/28/03	NLPH	9.33	198.08	<50	320	147	160	2.50	0.7	<0.5	1.1
	05/21/03	NLPH	9.47	197.94	<50	271	128	130	0.70	<0.5	<0.5	1.5
	09/02/03	NLPH	12.50	194.91	86e	307	146	—	0.90	<0.5	<0.5	1.9
	11/26/03	NLPH	11.80	195.61	58e	254	—	115	<0.50	0.5	<0.5	1.4
	02/12/04	NLPH	9.08	198.33	79e	276	—	111	1.70	0.5	<0.5	1.1
	04/26/04	NLPH	10.00	197.41	<50	314	115	128	2.10	0.5	<0.5	1.1
	07/26/04	g	g	g	<50g	208g	138g	120g	1.40g	<0.5g	<0.5g	1.0g
	10/18/04	g	g	g	59e,g	<50.0g	—	11.6g	<0.50g	<0.50g	<0.50g	<0.50g

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW16 (cont.)	11/24/04	NLPH	11.47	195.94	—	—	—	—	—	—	—	—
(207.41)	01/10/05	NLPH	7.84	199.57	—	—	—	—	—	—	—	—
	01/11/05	—	—	—	76e	277	—	104	<0.50	<0.50	<0.50	1.80
MW17	08/13/96	NLPH	12.43	195.92	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
(208.35)	11/14/96	NLPH	13.1	195.25	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	02/18/97	NLPH	8.9	199.45	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	05/22/97	NLPH	10.79	197.56	—	<50	<30	—	<0.5	<0.5	<0.5	<0.5
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	8.79	199.56	—	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	08/17/98	NLPH	11.23	197.12	120	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
(208.37)	11/17/98	NLPH	11.41	196.96	54	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	02/10/99	NLPH	6.75	201.62	<50	<50	<2.5	—	<0.5	0.61	<0.5	<0.5
	05/11/99	NLPH	9.78	198.59	56.9	<50	<2.0	—	<0.5	<0.5	<0.5	<0.5
	08/10/99	NLPH	12.10	196.27	<50	<50	<2.5	—	<0.5	<0.5	<0.5	<0.5
	11/22/99	NLPH	11.27	197.10	380	<250	<10	—	<2.5	<2.5	<2.5	<2.5
	02/09/00	NLPH	8.68	199.69	170	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	05/30/00	NLPH	8.46	199.91	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	13.19	195.18	70	<50	<2	—	2.8	5.1	0.73	4.1
	12/08/00	NLPH	11.47	196.90	330c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	01/18/01	NLPH	10.19	198.18	110c	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	05/31/01	NLPH	10.89	197.48	<50	<50	<2	—	<0.5	<0.5	<0.5	<0.5
	08/31/01	NLPH	13.22	195.15	<56	<50	<2	—	3.1	<0.5	<0.5	1.7
(208.34)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.68	199.66	50	<50	<2	—	1	<0.5	<0.5	<0.5
	02/22/02	NLPH	8.31	200.03	<50.0	<50.0	<0.50	—	<0.50	<0.50	<0.50	<0.50
	05/21/02	NLPH	10.11	198.23	70	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	09/03/02	NLPH	12.59	195.75	187	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	11/27/02	NLPH	12.27	196.07	<50	<50.0	<0.5	—	<0.5	<0.5	<0.5	<0.5
	02/28/03	NLPH	—	—	—	—	—	—	—	—	—	—
	05/21/03	NLPH	9.41	198.93	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	12.69	195.65	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	11/26/03	NLPH	12.30	196.04	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	02/12/04	NLPH	8.92	199.42	81e	<50.0	—	<0.50	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	10.17	198.17	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	07/26/04	NLPH	10.64	197.70	<50	<50.0	<0.5	—	<0.50	<0.5	<0.5	<0.5
	10/18/04	g	g	g	f	f	f	f	f	f	f	f
	10/24/04	NLPH	11.72	196.62	—	—	—	—	—	—	—	—
	01/10/05	NLPH	7.61	200.73	<50	<50.0	—	<0.50	<0.50	<0.50	<0.50	<0.50
MW18	08/13/96	NLPH	12.35	195.23	—	—	—	—	—	—	—	—
(207.58)	11/14/96	NLPH	12.93	194.65	—	—	—	—	—	—	—	—
	02/18/97	NLPH	9.63	197.95	—	—	—	—	—	—	—	—
	05/22/97	NLPH	10.72	196.86	—	—	—	—	—	—	—	—
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	9.28	198.30	—	330	1,400	—	4.4	5.7	<2.0	3.6
(207.59)	08/18/98	NLPH	—	—	—	—	—	—	—	—	—	—
	11/17/98	NLPH	11.01	196.58	150	220	390	—	5.6	0.96	<0.5	1.3
	02/10/99	NLPH	8.13	199.46	170	340	620	—	0.76	1.50	<0.5	1.9
	05/12/99	NLPH	10.01	197.58	119	529	605	—	<2.5	<2.5	<2.5	<2.5
	08/10/99	NLPH	12.21	195.38	73.7	228	308	—	1.85	<0.5	<0.5	<0.5
	11/22/99	NLPH	10.87	196.72	1,700	130	270	—	<0.5	<0.5	<0.5	1.19
	02/09/00	NLPH	9.62	197.97	180	270	240	—	1.4	<0.5	<0.5	1.1
	5/30/00 & 5/31/00	NLPH	9.49	198.10	<50	<50	250	—	<0.5	<0.5	<0.5	<0.5
	09/13/00	NLPH	12.68	194.91	75	120	210	—	2.8	5.5	1.1	4.9
	12/08/00	NLPH	11.18	196.41	290c	420	230	—	<0.5	<0.5	0.54	1.2
	01/18/01	NLPH	10.12	197.47	140c	230	190	140	2.2	<0.5	<0.5	0.7
	05/31/01	NLPH	10.61	196.98	140	<250	270	230	0.78	<0.5	<0.5	0.77
	08/31/01	NLPH	12.96	194.63	<50	250	190	150	0.95	<0.5	<0.5	0.53
(207.58)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	9.50	198.08	160	280	150	—	<0.5	<0.5	<0.5	0.6
	02/22/02	NLPH	8.77	198.81	130	318	169	236	1.30	0.50	<0.50	1.90
	05/21/02	NLPH	10.01	197.57	241	654	145		1.8	0.6	0.6	2.5
	09/03/02	NLPH	12.95	194.63	189	503	108	145	1.9	0.7	0.8	1.9
	11/27/02	NLPH	12.17	195.41	181	532	137	139	3.5	1.0	1.0	2.7
	02/28/03	NLPH	9.49	198.09	164	430	140	145	<0.50	0.8	<0.5	1.0
	05/21/03	NLPH	9.55	198.03	214	582	132	135	2.20	<0.5	<0.5	1.2
	09/02/03	NLPH	12.59	194.99	202e	434	100	—	2.00	0.5	0.5	1.6
	11/26/03	NLPH	12.01	195.57	53	122	72.8	59.8	<0.50	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	MTBE b	B	T	E	X
		<.....feet.....>			<.....ug/L.....>							
MW18 (cont.)	02/12/04	NLPH	9.27	198.31	171e	509	80.8b	80.8	2.30	0.7	0.5	1.2
(207.58)	04/26/04	NLPH	10.05	197.53	116	314	98.1	100	1.20	<0.5	<0.5	1.0
	07/26/04	NLPH	12.52	195.06	98	198	86.2	74.0	<0.50	<0.5	<0.5	0.9
	10/18/04	NLPH	13.01	194.57	<50	171	—	132	0.80	<0.50	<0.50	<0.50
	11/24/04	NLPH	11.68	195.92	—	—	—	—	—	—	—	—
	01/10/05	NLPH	8.23	199.35	175e	205	—	36.2	<0.50	<0.50	<0.50	<0.50
MW19	02/18/97	NLPH	9.45	NA	—	2,600	<30	—	17	<0.5	96	30
	05/22/97	NLPH	10.92	NA	—	1,300	<30	—	2.5	8	68	8.7
	a											
	03/05/98	—	—	—	—	—	—	—	—	—	—	—
	05/18/98	NLPH	9.14	NA	—	62	<2.5	—	<0.5	<0.5	<0.5	<0.5
(208.17)	08/17/98	NLPH	11.47	196.7	58	75	16	—	1.1	<0.5	1.0	0.83
	11/17/98	NLPH	11.52	196.7	73	95	47	—	<0.5	0.68	0.74	1.3
	02/10/99	NLPH	6.91	201.3	67	190	4.1	—	1.1	<0.5	7.4	4.7
	05/11/99	NLPH	10.01	198.2	59.0	125	2.22	—	<0.5	<0.5	0.772	<0.5
	08/10/99	NLPH	12.07	196.1	117	559	48.2	—	1.35	0.795	8.72	10.5
	11/22/99	NLPH	11.38	196.8	82	400	52	—	<0.5	<0.5	1.5	5.75
	02/09/00	NLPH	8.90	199.3	80	120	6.7	—	<0.5	<0.5	1.6	0.65
	05/30/00	NLPH	8.57	199.6	—	—	—	—	—	—	—	—
	06/06/00	NLPH	10.68	197.5	56	580	<2	—	3.6	<0.5	6.9	4.9
	09/13/00	NLPH	13.23	194.9	51	140	63	—	1.2	1.1	0.75	1.3
	12/08/00	NLPH	11.52	196.7	250c	260	120	—	<0.5	<0.5	<0.5	1.78
	01/18/01	NLPH	10.31	197.9	110c	130	45	—	0.97	<0.5	<0.5	<0.5
	05/31/01	NLPH	10.19	198.0	<50	58	3.5	19	d	<0.5	<0.5	<0.5
	08/31/01	NLPH	13.35	194.8	880	290	50	54	1.5	<0.5	<0.5	1.1
	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
	11/29/01	NLPH	8.90	199.3	130	380	140		<0.5	<0.5	<0.5	<0.5
	02/22/02	NLPH	8.52	199.7	<50.0	133	5.90	2.4	0.70	<0.50	1.10	0.50
	05/21/02	NLPH	10.28	197.9	<50	215	9.1	—	0.7	<0.5	<0.5	0.9
	09/03/02	NLPH	13.11	195.1	<50	439	15.7	9.40	1.5	<0.5	0.9	0.8
	11/27/02	NLPH	12.32	195.9	<50	522	121	102	2.3	0.7	1.1	2.5
	02/28/03	NLPH	9.46	198.7	<50	100	4.05	4.20	0.60	<0.5	<0.5	<0.5
	05/21/03	NLPH	9.60	198.6	<50	<50.0	1.6	0.90	<0.50	<0.5	<0.5	<0.5
	09/02/03	NLPH	12.76	195.4	<50	<50.0	31.6	—	<0.50	<0.5	<0.5	<0.5
	11/26/03	NLPH	12.31	195.9	227	417	129	105	4.30	0.5	<0.5	<0.5
	02/12/04	NLPH	9.11	199.1	<50	<50.0	—	3.20	<0.50	<0.5	<0.5	<0.5
	04/26/04	NLPH	10.25	197.9	52	328	11.5	6.90	3.80	0.6	<0.5	0.8
	07/26/04	g	g	g	<50g	<50.0g	3.2g	2.50g	<0.50g	<0.5g	<0.5g	<0.5g
	10/18/04	g	g	g	255e,g	667g	—	18.6g	<0.50g	<0.50g	<0.50g	<0.50g
	11/24/04	NLPH	11.85	196.3	—	—	—	—	—	—	—	—
	01/10/05	NLPH	7.79	200.38	—	—	—	—	—	—	—	—
	01/11/05	—	—	—	62e	82.1	—	1.70	<0.50	<0.50	1.70	<0.50
MW20A	01/10/05	NLPH	8.17	199.69	—	—	—	—	—	—	—	—
(207.86)	01/11/05	—	—	—	57e	<50.0	—	2.70	<0.50	<0.50	<0.50	1.00
MW20C	01/10/05	NLPH	7.37	199.97	—	—	—	—	—	—	—	—
(207.34)	01/11/05	—	—	—	299e	<50.0	—	0.80	<0.50	<0.50	<0.50	<0.50
MW21A	01/10/05	NLPH	8.88	198.75	—	—	—	—	—	—	—	—
(207.63)	01/11/05	—	—	—	133e	256	—	58.5	2.60	0.70	0.60	1.60
MW21B	01/10/05	NLPH	8.33	199.37	—	—	—	—	—	—	—	—
(207.70)	01/11/05	—	—	—	137e	79.5	—	60.5	<0.50	<0.50	<0.50	1.00
MW21C	01/10/05	NLPH	7.53	199.62	—	—	—	—	—	—	—	—
(207.05)	01/11/05	—	—	—	214e	<50.0	—	<0.50	<0.50	<0.50	<0.50	1.00
MW22	01/10/05	NLPH	9.42	198.22	—	—	—	—	—	—	—	—
(207.64)	01/11/05	—	—	—	<50	<50.0	—	2.20	<0.50	<0.50	<0.50	<0.50
RW1	Groundwater recovery well, not monitored or sampled since 2/22/94.											
(206.96)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										
RW2	Groundwater recovery well, not monitored or sampled since 2/22/94.											
(207.51)	11/01/01	Well surveyed in compliance with AB 2886 requirements.										

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Notes:

TOC	=	Elevation of top of well casing; datum is to mean sea level.
SUBJ	=	Results of subjective evaluation.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater surface; datum is to mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes 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.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
NLPH	=	No liquid-phase hydrocarbons present in well.
<	=	Less than the indicated reporting limit shown by the laboratory.
NA	=	Not applicable.
—	=	Not sampled/ Not analyzed/ Not measured.
a	=	Third and fourth quarter 1997 analytical data not available.
b	=	MTBE analyzed using EPA Method 8260B.
c	=	Diesel-range hydrocarbons reportedly detected in baller blank; result is suspect.
d	=	Not analyzed due to laboratory error.
e	=	Diesel-range hydrocarbons reported in sample; however, the chromatogram pattern is not representative of diesel fuel.
f	=	Samples not received by laboratory.
g	=	Groundwater data invalidated; analytical results suspect.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 1 of 4)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<.....ug/L						.....>
MW1	UST observation well, not monitored or sampled since 2/22/94.							
MW2	UST observation well, not monitored or sampled since 2/22/94.							
MW3	UST observation well, not monitored or sampled since 2/22/94.							
MW4	UST observation well, not monitored or sampled since 2/22/94.							
MW5	03/05/98	<50	<50	<2,500	<50	<50	<50	<12,000
	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	82.6	<0.50	2.10	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	22.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	40.8	—	—	<0.50	<50.0
	01/11/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**3.60**	**<0.50**	**<50.0**
MW5C	**01/11/05**	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW6	03/05/98	<2.0	<2.0	<100	<2.0	<2.0	<2.0	<500
	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	<10.0	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW7	03/05/98	<50	<50	<2,500	<50	<50	<50	<12,000
	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	63.7	<0.50	<0.50	<0.50	—
	11/26/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	<10.0	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW8	02/28/03	—	—	30.8	—	—	—	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	<10.0	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 2 of 4)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<.....ug/L.....>						
MW9	03/05/98	<2.0	<2.0	180	<2.0	<2.0	<2.0	<500
	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	<10.0	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW10	02/28/03	—	—	40.6	—	—	—	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	25.0	—	—	—	<50.0
	10/18/04	f	f	f	f	f	f	f
	01/11/05	**<0.50**	**<0.50**	**11.2**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW11	03/05/98	<2.0	<2.0	<100	<2.0	<2.0	<2.0	<500
	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	<10.0	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW12	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50g	<0.50g	<10.0g	—	—	<0.50g	<50.0g
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW13	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50g	<0.50g	<10.0g	—	—	<0.50g	<50.0g
	01/11/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW14	02/18/97	Well destroyed						

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 3 of 4)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<.....ug/L.....>						
MW15	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0g	—	—	—	<50.0g
	10/18/04	<0.50g	<0.50g	67.3g	—	—	<0.50g	<50.0g
	01/11/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW16	02/28/03	—	—	42.3	—	—	—	—
	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	99g	—	—	—	<50.0g
	10/18/04	<0.50g	<0.50g	<10.0g	—	—	<0.50g	<50.0g
	01/11/05	**<0.50**	**<0.50**	**35.5**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW17	09/02/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	f	f	f	f	f	f	f
	01/10/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW18	02/28/03	—	—	44.3	—	—	—	—
	09/02/03	<0.50	<0.50	69.2	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0	—	—	—	<50.0
	10/18/04	<0.50	<0.50	82.4	—	—	<0.50	<50.0
	01/10/05	**<0.50**	**<0.50**	**13.6**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW19	02/28/03	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/02/03	<0.50	<0.50	104.0	<0.50	<0.50	<0.50	—
	02/12/04	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04	—	—	—	—	—	—	<50.0
	07/26/04	—	—	<10.0g	—	—	—	<50.0g
	10/18/04	<0.50g	<0.50g	11.7g	—	—	<0.50g	<50.0g
	01/11/05	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW20A	**01/11/05**	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW20C	**01/11/05**	**<0.50**	**<0.50**	**<10.0**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW21A	**01/11/05**	**<0.50**	**<0.50**	**12.9**	**<0.50**	**<0.50**	**<0.50**	**<50.0**
MW21B	**01/11/05**	**<0.50**	**<0.50**	**16.2**	**<0.50**	**<0.50**	**<0.50**	**<50.0**

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
		<.....ug/L.....>						
MW21C	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
MW22C	01/11/05	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
RW1	Groundwater recovery well, not monitored or sampled since 2/22/94.							
RW2	Groundwater recovery well, not monitored or sampled since 2/22/94.							

Notes:

TOC	=	Elevation of top of well casing; datum is to mean sea level.
SUBJ	=	Results of subjective evaluation.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater surface; datum is to mean sea level.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes 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	=	Tertairy 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.
Ethanol	=	Ethanol analyzed using EPA Method 8260B.
µg/L	=	Micrograms per liter.
<	=	Less than the indicated reporting limit shown by the laboratory.
NA	=	Not applicable.
---	=	Not sampled/ Not analyzed/ Not measured.
a	=	Third and fourth quarter 1997 analytical data not available.
b	=	MTBE analyzed using EPA Method 8260B.
c	=	Diesel-range hydrocarbons reportedly detected in baller blank; result is suspect.
d	=	Not analyzed due to laboratory error.
e	=	Diesel-range hydrocarbons reported in sample; however, the chromatogram pattern is not representative of diesel fuel.
f	=	Samples not received by laboratory.
g	=	Groundwater data invalidated; analytical results suspect.

TABLE 2
CUMULATIVE DOMESTIC WELL SAMPLING DATA
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 1 of 1)

Well ID #	Sampling Date	Sample ID	TPHd	TPHg	MTBE	B	T	E	X	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE	Ethanol
			<--						µg/L							-->
W-1175	02/28/03		<50	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0
	09/19/03		—	—	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
	11/26/03		—	—	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	—
	12/05/03		—	—	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	—
	12/5/03a		—	—	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50	—
	02/12/04		—	—	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	04/26/04		—	—	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<0.50	—	—	<0.50	—
	Sampling discontinued.															
W-3725	02/28/03		<50	<50.0	0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<10.0
	04/01/03		—	—	<0.50	—	—	—	—	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	05/21/03		<50	<50.0	1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	—	—	<0.50	—
	09/02/03		—	—	21.1	0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	—
	09/19/03		—	—	21	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100
	12/05/03		—	—	46.6	1.50	<0.50	<0.50	<0.50	<0.50	<0.50	12.9	<0.50	<0.50	<0.50	—
	02/12/04		—	—	39.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15.5	<0.50	<0.50	<0.50	—
	04/26/04		—	—	16.2	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	—	—	<0.50	—
	07/26/04		—	—	12.4	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	—	—	<0.50	—
	10/18/04		—	—	<0.50b	<0.50b	<0.50b	<0.50b	<1.00b	<0.50b	<0.50b	<10.0b	—	—	<0.50b	<50.0b
	09/24/04	Wellhead treatment system installed.														
	01/13/05	W-INF	—	—	0.90	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-INT	—	—	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0
		W-EFF	—	—	<0.50	<0.50	<0.50	<0.50	<1.00	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	<50.0

Notes:

W-3725	=	Domestic well located at 3725 Mayette Avenue.
W-1175	=	Domestic well located at 1175 Harvard Drive.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015B (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 524.2.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 524.2.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 524.2.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 524.2.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 524.2.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 524.2.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 524.2.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 524.2.
Ethanol	=	Ethanol analyzed using EPA Method 524.2.
µg/L	=	Micrograms per liter.
—	=	Not sampled/Not analyzed.
<	=	Not detected at or above the laboratory method reporting limit.
a	=	Duplicate sample collected from a different sampling location.
b	=	Analytical results suspect.

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC in H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									←	mg/m3	→	←			Pounds			→
05/30/01	A-INF	1		70	20	42	42	1,500.0	730	< 1.0	4.6	0.1	0	< 0.0	< 0.0	0.0	0.0	< 0.000
	A-INT							0.0	< 10	< 1.0	< 1.0							
	A-EFF							0.0	< 10	< 1.0	< 1.0							
05/31/01	A-INF	23		70	46	42	42	1,311.0										
	A-INT							0.0										
	A-EFF							0.0										
06/01/01	A-INF	50		70	46	40	40	413.0										
	A-INT							0.0										
	A-EFF							0.0										
06/04/01	A-INF	51		30	46	41	44	1,214.0										
	A-INT							0.0										
	A-EFF							0.0										
06/05/01	A-INF	84		70	46	41	41	791.0										
	A-INT							0.0										
	A-EFF							0.0										
06/06/01	A-INF	87		50	46	41	43	1,083.0										
	A-INT							0.0										
	A-EFF							0.0										
06/07/01	A-INF	112		50	45	42	44	450.0										
	A-INT							0.0										
	A-EFF							0.0										
06/08/01	A-INF	131		50	46	40	42	746.0	2,000	< 5.0	27	27.7	28	< 0.1	< 0.1	0.3	0.3	< 0.004
	A-INT							0.0	< 10	< 1.0	< 1.0							
	A-EFF							0.0	< 10	< 1.0	< 1.0							
07/13/01	A-INF	134		94	46	38	36	645.0										
	A-INT							0.0										
	A-EFF							0.0										
07/17/01	A-INF	231		105	46	38	36	2,210.0										
	A-INT							0.0										
	A-EFF							0.0										
07/20/01	A-INF	299		88	46	38	37	2,300.0	6,400	74	76	102.4	130	< 1.0	< 1.0	1.3	1.6	< 0.002
	A-INT							545.0	1,200	7.9	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
	System shutdown for carbon change-out (1 x 500 pounds).																	
07/25/01	A-INF	298		100	46	38	36	221.1										
	A-INT							2.4										
	A-EFF							0.0										
08/01/01	A-INF	443		90	43	40	39	2,412.0	2,500	16	19	91.2	221	< 0.0	< 1.0	1.0	2.6	< 0.000
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.5	< 10	< 0.50	< 0.10							
08/03/01	A-INF	472		100	45	40	38	131.2										
	A-INT							0.0										
	A-EFF							0.0										
08/06/01	A-INF	516		100	45	40	38	4,719.0										
	A-INT							200.8										
	A-EFF							1.3										
	System shutdown for carbon change-out (1 x 500 pounds).																	

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	Field Measurements TEMP F	VAC in H_2O	FLOW scfm	FLOW scfm	HC ppmv	Laboratory Analytical Results TPHg (mg/m3)	MTBE (mg/m3)	Benzene (mg/m3)	TPHg Removal* Per Period (Pounds)	TPHg Removal* Cumulative (Pounds)	MTBE Removal* Per Period (Pounds)	MTBE Removal* Cumulative (Pounds)	Benzene Removal* Per Period (Pounds)	Benzene Removal* Cumulative (Pounds)	Benzene Emitted per Day (Pounds)
08/16/01	A-INF	519		78	45	40	39	2,037.0										
	A-INT							0.0										
	A-EFF							0.0										
08/22/01	System down on arrival (moisture sep. light on), running on departure.																	
	A-INF	577		90	45	30	29	2,767.0										
	A-INT							0.0										
	A-EFF							0.0										
08/29/01	System down on arrival (moisture sep. light on), running on departure.																	
	A-INF	610		85	58	30	29	10,488.0										
	A-INT							0.0										
	A-EFF							0.0										
09/06/01	System running on arrival , down on departure for carbon changeout.																	
	A-INF	609		124	58	30	27	3,800.0										
	A-INT							2,050.0										
	A-EFF							23.8										
09/17/01	System down on arrival (carbon changeout), Started SVE system, running on departure.																	
	A-INF	809		105	58	30	28	9,279.0	3,300	< 5.0	40	132.4	354	< 0.5	< 2.4	1.3	3.9	< 0.002
	A-INT							0.0	< 10	< 1.0	< 1.0							
	A-EFF							0.5	14	< 1.0	< 1.0							
09/27/01	A-INF	1,044		95	58	30	29	7,447.0										
	A-INT							199.0										
	A-EFF							0.0										
10/02/01	Sytem running on arrival and shutdown for carbon changeout (2 x 500).																	
	A-INF	1,171		117	57	34	31											
	A-INT																	
	A-EFF																	
10/12/01	System down upon arrival for carbon changeout, restarted.																	
	A-INF	1,171		120	58	36	32	10,000.0	3,600	23	21	144.5	498	< 0.8	< 3.0	1.2	5.1	< 0.000
	A-INT							98.7	92	0.50	0.36							
	A-EFF							0.0	< 10	0.50	< 0.10							
11/06/01	A-INF	1,646		90	59	38	37	5,834.0	640	< 1.0	11	141.4	640	< 0.7	< 3.7	1.0	6.1	< 0.001
	A-INT							2.3	< 10	< 1.0	< 1.0							
	A-EFF							1.5	< 10	< 1.0	< 1.0							
11/13/01	A-INF	1,815		90	59	38	37	10,705.0										
	A-INT							1,587.0										
	A-EFF							0.0										
11/20/01	A-INF	1,989		100	59	40	38	305.0										
	A-INT							13.1										
	A-EFF							0.0										
11/27/01	A-INF	2,151		80	60	40	39	121.0										
	A-INT							6.8										
	A-EFF							0.0										
12/03/01	A-INF	2,298		84	59	38	37	45.4	< 20	< 1.0	< 1.0	< 38.8	< 678	< 0.1	< 3.8	0.5	6.7	< 0.003
	A-INT							10.9	< 20	5.0	< 1.0							
	A-EFF							0.0	< 20	< 1.0	< 1.0							
12/07/01	A-INF	NM		51	NM	NM	NM											
	A-INT																	
	A-EFF																	

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC In H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									← mg/m3 →			← Pounds →						
12/11/01	A-INF	2,493		90	54	40	39	63.7										
	A-INT							0.3										
	A-EFF							0.0										
12/17/01	A-INF	2,659		90	59	40	39	18.4										
	A-INT							3.9										
	A-EFF							0.0										
12/31/01	A-INF	2,707		90	54	40	39	22.3										
	A-INT							5.7										
	A-EFF							0.0										
01/08/02	A-INF	2,958		65	34	56	57	33.0	36	< 1.0	0.47	< 3.2	< 682	< 0.1	< 3.9	0.1	6.7	< 0.002
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
01/15/02	A-INF	3,128		68	30	60	60	8.2										
	A-INT							4.9										
	A-EFF							0.0										
01/22/02	A-INF	3,293		60	25	67	68	100.9										
	A-INT							0.8										
	A-EFF							0.0										
02/05/02	Air sparge system turned on																	
02/05/02	A-INF	3,469		70	38	92	92	78.6	150	0.64	2.1	13.2	< 695	< 0.1	< 4.0	0.2	6.9	< 0.001
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
02/12/02	A-INF	3,632	169	70	40	90	90	30.5										
	A-INT							0.4										
	A-EFF							0.3										
02/19/02	A-INF	3,804	341	74	50	86	85	52.4										
	A-INT							0.0										
	A-EFF							0.0										
02/26/02	Air sparge system turned off.																	
	A-INF	3,970	507	84	46	88	86	6.1										
	A-INT							0.3										
	A-EFF							0.3										
03/06/02	Air sparge system turned on.																	
	A-INF	4,159	508	62	63	82	80	13.2	35	< 1.0	0.33	20.6	< 715	< 0.2	< 4.2	0.3	7.2	< 0.001
	A-INT							0.1	16	< 0.50	0.11							
	A-EFF							0.1	< 10	< 0.50	< 0.10							
03/19/02	A-INF	4,303	650	75	60	85	84	27.2										
	A-INT							0.0										
	A-EFF							0.0										
04/02/02	A-INF	4,306	653	100	72	76	74	47.6										
	A-INT							0.0										
	A-EFF							0.0										
04/30/02	A-INF	4,306	654	110	110	64	60	445.0	270	< 1.0	2.80	5.9	< 721.1	< 0.0	< 4.3	0.1	7.2	< 0.001
	A-INT							4.6	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC in H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									← mg/m3 →			← Pounds →						
05/06/02	A-INF	4,309	658	88	120	58	56	189.9	100	0.62	0.04	0.1	< 721.2	< 0.0	< 4.3	0.001	7.3	< 0.001
	A-INT							6.5	< 10	< 0.50	0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
05/20/02	A-INF	4,642	990	102	100	52	49	13.7										
	A-INT							0.1										
	A-EFF							0.0										
06/03/02	A-INF	4,899	1,248	100	70	40	36	100.7	18	< 0.50	0.32	0.1	< 727.4	< 0.1	< 4.3	0.065	7.3	< 0.0004
	A-INT							1.5	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
06/17/02	A-INF	5,235	1,583	120	75	35	32	35.5										
	A-INT							0.5										
	A-EFF							0.0										
06/24/02	A-INF	5,405	1,752	120	75	35	32	966.0										
	A-INT							0.0										
	A-EFF							0.0										
07/08/02	A-INF	5,739	2,086	120	80	32	29	202.1	170	1.5	1.7	9.9	< 737.3	< 0.11	< 4.4	0.106	7.4	< 0.0003
	A-INT							2.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
07/22/02	A-INF	6,079	2,427	130	80	32	29	284.0										
	A-INT							16.9										
	A-EFF							0.0										
08/05/02	A-INF	6,414	2,761	120	74	32	29	489.0	630	7.8	5.7	29.5	< 766.8	< 0.34	< 4.8	0.273	7.7	< 0.0003
	A-INT							52.0	81	8.0	0.91							
	A-EFF							13.6	23	1.5	< 0.10							
08/13/02	A-INF	6,416	2,763	115	80	35	32	812.0										
	A-INT							0.0										
	A-EFF							0.0										
08/30/02	A-INF	6,825	3,172	128	73	35	32	1,376.0										
	A-INT							67.8										
	A-EFF							0.0										
09/03/02	A-INF	6,920	3,268	120	78	30	27	392.0	800	14	7.4	38.3	< 805.1	< 0.58	< 5.4	0.351	8.0	< 0.0003
	A-INT							68.4	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
09/16/02	System running upon arrival and down on departure for carbon change out (500 lb X2).																	
	A-INF	7,233	3,581	120	74	32	29	684.0										
	A-INT							268.0										
	A-EFF							20.4										

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	Field Measurements TEMP F	VAC in H_2O	FLOW scfm	FLOW scfm	HC ppmv	Laboratory Analytical Results TPHg (mg/m3)	MTBE (mg/m3)	Benzene (mg/m3)	TPHg Removal* Per Period (Pounds)	TPHg Removal* Cumulative (Pounds)	MTBE Removal* Per Period (Pounds)	MTBE Removal* Cumulative (Pounds)	Benzene Removal* Per Period (Pounds)	Benzene Removal* Cumulative (Pounds)	Benzene Emitted per Day (Pounds)
09/30/02	System down on arrival for carbon changeout, (2@500 lbs), restart SVE system and running on departure.																	
	A-INF	7,235	3,582	98	68	38	34	2,000 +										
	A-INT							0.0										
	A-EFF							0.0										
10/14/02	A-INF	7,574	3,921	110	60	40	37	621.0	910	19	7.5	67.6	< 872.7	< 1.30	< 6.7	0.589	8.6	< 0.0003
	A-INT							18.9	34	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
10/28/02	System running on arrival and down for carbon changeout on departure. 3 vessels (500 lbs each).																	
	A-INF	7,910	4,258	92	50	48	46	297.0										
	A-INT							148.3										
	A-EFF							72.6										
11/11/02	System down on arrival for carbon change out, restarted system and took monthly samples. System running on departure.																	
	A-INF	7,911	4,258	84	50	50	49	992.0	1,000	23	6.6	51.7	< 924.4	< 1.14	< 7.8	0.382	9.0	< 0.0004
	A-INT							0.0	< 10	2.8	< 0.10							
	A-EFF							0.0	< 10	2.8	< 0.10							
11/25/02	A-INF	8,247	4,594	90	46	52	50	120.3										
	A-INT							2.5										
	A-EFF							0.0										
12/02/02	A-INF	8,412	4,760	72	40	59	59	98.6	130	< 5.0	1.7	58.9	< 981.3	< 1.41	< 9.2	0.418	9.4	< 0.0027
	A-INT							0.0	< 100	< 5.0	< 1.0							
	A-EFF							0.0	< 100	< 5.0	< 1.0							
12/16/02	A-INF	8,683	5,030	70	44	54	54	64.5										
	A-INT							1.4										
	A-EFF							3.8										
12/30/02	A-INF	8,753	5,100	64	35	60	61	24.1										
	A-INT							0.0										
	A-EFF							0.0										
01/13/03	A-INF	9,081	5,422	80	58	82	80	0.0	< 20	< 1.0	< 0.20	< 13.1	< 994.3	< 0.52	< 9.7	< 0.166	9.6	< 0.0038
	A-INT							1.4	< 20	< 1.0	< 0.20							
	A-EFF							0.0	< 20	< 1.0	< 0.20							
01/27/03	A-INF	9,409	5,750	88	60	82	79	0.0										
	A-INT							0.0										
	A-EFF							0.8										
01/28/03	A-INF	9,412	5,753	84	66	80	76	1.3										
	A-INT							0.0										
	A-EFF							0.0										

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
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DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	Field Measurements TEMP F	VAC In H_2O	FLOW acfm	FLOW scfm	HC ppmv	Laboratory Analytical Results TPHg (mg/m3)	MTBE (mg/m3)	Benzene (mg/m3)	TPHg Removal* Per Period (Pounds)	TPHg Removal* Cumulative (Pounds)	MTBE Removal* Per Period (Pounds)	MTBE Removal* Cumulative (Pounds)	Benzene Removal* Per Period (Pounds)	Benzene Removal* Cumulative (Pounds)	Benzene Emitted per Day (Pounds)
02/03/03	A-INF	9,558	5,897	82	58	84	82	0.3	< 20	< 1.0	< 0.20	2.9	< 997.2	< 0.14	< 9.9	< 0.029	< 9.6	< 0.0015
	A-INT							0.2	< 20	< 1.0	< 0.20							
	A-EFF							0.0	< 20	< 1.0	< 0.20							
02/04/03	A-INF	9,580	5,921	86	56	84	82	—										
	A-INT							—										
	A-EFF							—										
02/10/03	A-INF	9,718	6,059	72	42	84	84	7.0										
	A-INT							4.2										
	A-EFF							2.8										
02/18/03	A-INF	9,886	6,062	78	59	90	89	nm										
	A-INT							nm										
	A-EFF							nm										
02/19/03	A-INF	9,913	6,062	75	58	85	84	0.1										
	A-INT							0.1										
	A-EFF							0.1										
02/26/03	A-INF	10,077	6,062	78	60	70	69	0.1										
	A-INT							0.1										
	A-EFF							0.1										
03/03/03	A-INF	nm	nm	75	60	70	69	nm										
	A-INT							nm										
	A-EFF							nm										
03/06/03	A-INF	10,210	6,062	84	62	70	69	63.2										
	A-INT							3.6										
	A-EFF							0.0										
03/17/03	A-INF	10,220	6,062	70	68	70	70	37.3										
	A-INT							1.8										
	A-EFF							0.0										
03/24/03	A-INF	10,246	6,062	90	61	70	67	0.0	35	< 0.50	< 0.10	5.3	< 1,002.5	< 0.14	< 10.0	< 0.029	< 9.7	< 0.0010
	A-INT							1.4	< 10	0.50	< 0.10							
	A-EFF							0.0	< 10	0.50	< 0.10							
04/07/03	A-INF	10,262	6,062	90	62	66	64	7.6	< 10	< 0.50	< 0.10	0.1	< 1,002.6	< 0.00	< 10.0	< 0.000	< 9.7	< 0.0006
	A-INT							3.8	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
04/21/03	A-INF	10,269	6,062	80	66	77	76	0.6										
	A-INT							0.2										
	A-EFF							0.0										

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

		Field Measurements							Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC in H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									← mg/m3 →			← Pounds →						
05/05/03	A-INF	10,274	6,062	90	66	64	62	0.8	510	22	9.3	0.7	< 1,003.4	< 0.03	< 10.1	< 0.013	< 9.7	< 0.0006
	A-INT							0.5	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
05/16/03	A-INF	10,278	6,062	108	68	62	58	158.3										
	A-INT							2.5										
	A-EFF							2.0										
06/02/03	A-INF	10,284	6,062	120	72	58	53	135.6	120	0.68	1.3	0.7	< 1,004.0	0.02	< 10.1	0.011	< 9.7	< 0.0005
	A-INT							12.8	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
06/16/03	A-INF	10,293	6,062	120	70	60	55	16.9										
	A-INT							4.3										
	A-EFF							0.4										
06/30/03	A-INF	10,305	6,062	121	90	52	47	42.9										
	A-INT							4.5										
	A-EFF							0.7										
07/14/03	System down on arrival and departure. Blower apparently has seized. Ordering replacement.																	
07/28/03	A-INF	10,327	6,062	108	38	78	73	4.7	130	3.7	0.81	1.3	< 1,005.3	0.02	< 10.1	0.011	< 9.7	< 0.0006
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
08/11/03	A-INF	10,661	6,062	107	38	78	73	13.6	36	0.66	0.19	7.6	< 1,012.9	0.19	< 10.3	0.045	< 9.7	< 0.0007
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							1.9	16	< 0.50	< 0.10							
08/25/03	A-INF	10,998	6,062	114	38	78	72	78.2										
	A-INT							1.6										
	A-EFF							2.7										
09/08/03	A-INF	11,332	6,062	98	47	73	69	33.6	43	1.4	1.1	7.1	< 1,019.9	0.18	< 10.5	0.116	< 9.9	< 0.0006
	A-INT							24.2	36	2.6	< 0.10							
	A-EFF							6.7	18	0.60	< 0.10							
09/09/03	A-INF	nm	nm	100	46	76	72	67.6										
	A-INT							13.5										
	A-EFF							0.7										
09/22/03	A-INF	11,335	nm	100	42	76	72	220.0										
	A-INT							3.2										
	A-EFF							0.0										
10/06/03	A-INF	11,668	6,062	100	46	74	70	nm										
	A-INT							nm										
	A-EFF							nm										
10/08/03	A-INF	11,670	nm	100	42	76	72	48.1	140	< 5.0	2.2	8.2	< 1,028.2	< 0.29	< 10.8	0.148	< 10.0	< 0.0006
	A-INT							10.0	58	0.97	0.40							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
10/08/03	GRS bio-reactor innoculation running on recirculation.																	
10/14/03	A-INF	11,674	6,062	94	42	76	73	217.7	430	9.2	5.9	0.3	< 1,028.5	< 0.01	< 10.8	0.004	< 10.0	< 0.0006
	A-INT							3.7	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC In H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg (mg/m3)	MTBE (mg/m3)	Benzene (mg/m3)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Per Period (Pounds)	Cumulative (Pounds)	Emitted per Day (Pounds)
10/20/03	A-INF	11,819	6,062	100	42	76	72	130.0										
	A-INT							11.1										
	A-EFF							0.7										
10/24/03	A-INF	nm	nm	100	40	77	73	nm										
11/03/03	A-INF	12,152	6,062	117	40	78	72	48.2	41	< 0.50	0.22	30.4	< 1,058.9	< 0.63	< 11.4	0.395	< 10.4	< 0.0008
	A-INT							23.1	44	2.6	0.44							
	A-EFF							1.7	< 10	< 0.50	< 0.10							
11/17/03	A-INF	12,488	6,062	128	40	77	70	6.1										
	A-INT							1.2										
	A-EFF							0.0										
12/01/03	A-INF	12,821	6,062	110	70	80	74	92.7										
	A-INT							2.7										
	A-EFF							0.7										
12/15/03	A-INF	13,017	6,062	70	60	73	73	5.9	< 10	< 0.50	0.13	< 6.0	< 1,064.8	< 0.12	< 11.5	0.041	< 10.4	< 0.0002
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
12/22/03	A-INF	13,188	6,062	72	44	78	78	0.0										
	A-INT							2.7										
	A-EFF							0.0										
12/29/03	A-INF	13,354	6,062	72	62	78	78	0.0										
	A-INT							1.8										
	A-EFF							1.8										
01/12/04	A-INF	13,687	6,062	80	62	80	79	0.0										
	A-INT							2.2										
	A-EFF							0.0										
01/26/04	A-INF	14,012	6,062	77	60	80	79	0.0	< 10	< 0.50	< 0.10	< 2.6	< 1,067.6	< 0.14	< 11.7	< 0.033	< 10.5	< 0.0007
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
02/09/04	A-INF	14,345	6,062	80	60	81	80	0.0	< 10	< 0.50	< 0.10	< 1.0	< 1,068.6	< 0.05	< 11.7	< 0.010	< 10.5	< 0.0007
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
02/23/04	A-INF	14,371	6,062	77	58	80	79	0.0										
	A-INT							0.0										
	A-EFF							0.0										
03/08/04	A-INF	14,387	6,062	70	53	82	82	0.0	< 10	< 0.50	< 0.10	< 11.0	< 1,079.7	< 0.55	< 12.3	< 0.110	< 10.6	< 0.0002
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
03/10/04	Shut AS/SVE system after CSD3 (Vacuum Relief Valve) on Blower.																	
03/18/04	AS/SVE down for Vacuum Relief Valve repair.																	
03/22/04	AS/SVE down for Vacuum Relief Valve repair.																	
03/31/04	A-INF	14,400	6,062	105	77	80	75	25.7										
	A-INT							1.2										
	A-EFF							0.0										
04/05/04	A-INF	14,408	6,062	92	62	60	58	0.0										
	A-INT							2.8										
	A-EFF							0.0										

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CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
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		Field Measurements							Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC in H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									← mg/m3 →			← Pounds →						
04/20/04	A-INF	14,763	6,062	100	42	55	52	3.2										
	A-INT							1.6										
	A-EFF							0.8										
05/04/04	A-INF	15,093	6,062	88	40	60	58	3.8	< 10	< 0.50	< 0.10	< 1.8	< 1,081.5	< 0.09	< 12.3	< 0.018	< 10.8	< 0.0008
	A-INT							1.8	< 10	< 0.50	< 0.10							
	A-EFF							1.8	< 10	< 0.50	< 0.10							
05/10/04	A-INF	15,239	nm	125	92	52	47	1.5										
	A-INT							2.1										
	A-EFF							1.1										
05/13/04		15,244	nm	120	68	42	38											
05/19/04	A-INF	15,251	nm	90	45	32	31	1.7										
	A-INT							1.3										
	A-EFF							2.1										
05/26/04	A-INF	15,414	nm	100	45	30	28	0.0										
	A-INT							0.0										
	A-EFF							0.0										
06/02/04	A-INF	15,592	nm	122	44	26	25	14.7	13	< 0.50	< 0.10	< 0.9	< 1,082.4	< 0.04	< 12.4	< 0.009	< 10.8	< 0.0004
	A-INT							8.3	14	0.52	< 0.10							
	A-EFF							4.4	< 10	< 0.50	< 0.10							
06/11/04	A-INF	15,802	nm	96	45	28	27	19.2										
	A-INT							0.0										
	A-EFF							0.0										
06/24/04	SVE blower belt snapped, no vacuum or flow on arrival.																	
06/24/04	A-INF	nn	nm	nm	nm	nm	nm	nm										
	A-INT							nm										
	A-EFF							nm										
07/01/04	A-INF	16,120	nm	128	50	36	33	147.0										
	A-INT							1.9										
	A-EFF							0.0										
07/15/04	A-INF	16,455	nm	122	54	34	31	58.1	270	< 6.0	2.8	12.0	< 1,095.3	< 0.25	< 12.6	< 0.132	< 10.8	< 0.0003
	A-INT							4.3	41	0.90	< 0.10							
	A-EFF							0.3	< 10	< 0.50	< 0.10							
07/22/04	A-INF	16,620	nm	108	55	34	32	8.3										
	A-INT							0.0										
	A-EFF							0.0										
08/04/04	A-INF	16,933	nm	106	55	36	34	39.7	200	3.5	1.8	13.0	< 1,108.9	< 0.25	< 12.9	< 0.133	< 10.9	< 0.0003
	A-INT							15.8	110	6.2	< 0.10							
	A-EFF							5.2	20	< 0.50	< 0.10							
08/11/04	A-INF	16,934	nm	100	50	36	34	124.2										
	A-INT							6.1										
	A-EFF							2.8										
08/18/04	A-INF	17,099	nm	102	54	36	34	nm										
	A-INT							nm										
	A-EFF							nm										

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
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				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE ID	HOURS BLOWER	HOURS SPARGE	TEMP F	VAC in H_2O	FLOW acfm	FLOW scfm	HC ppmv	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
									<---mg/m3---		--->	<---Pounds---						--->
08/25/04	A-INF	17,275	nm	118	54	30	28	85.1										
	A-INT							2.0										
	A-EFF							1.6										
09/01/04	A-INF	17,440	nm	112	55	34	32	nm										
	A-INT							nm										
	A-EFF							nm										
09/08/04	A-INF	17,606	nm	116	56	34	31	181.0	330	< 2.5	< 0.50	21.7	< 1,130.6	< 0.25	< 13.1	< 0.094	< 11.0	< 0.0003
	A-INT							7.4	< 10	< 0.50	< 0.10							
	A-EFF							1.9	< 10	< 0.50	< 0.10							
09/15/04	A-INF	17,779	nm	130	56	34	31	247.0										
	A-INT							0.0										
	A-EFF							0.0										
09/22/04	A-INF	17,942	nm	110	56	36	33	158.8										
	A-INT							17.6										
	A-EFF							7.8										
09/29/04	A-INF	17,945	nm	92	52	38	36	749.0										
	A-INT							1.0										
	A-EFF							1.0										
10/06/04	A-INF	18,115	nm	110	60	42	39	146.0	240	< 1.0	< 0.20	19.1	< 1,149.6	< 0.12	< 13.2	< 0.02343	< 11.0	< 0.0003
	A-INT							1.3	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
10/13/04	A-INF	18,281	nm	112	52	42	39	108.0										
	A-INT							4.8										
	A-EFF							0.0										
10/20/04	A-INF	18,447	nm	84	52	40	39	72.0										
	A-INT							0.0										
	A-EFF							0.0										
10/27/04	A-INF	18,592	nm	88	57	38	35	21.0										
	A-INT							6.5										
	A-EFF							2.5										
11/03/04	A-INF	18,782	nm	84	50	38	37	14.9	38	< 0.50	0.29	13.1	< 1,162.7	< 0.07	< 13.3	< 0.02325	< 11.0	< 0.0003
	A-INT							3.3	140	1.3	1.4							
	A-EFF							1.2	88	3.7	< 0.10							
11/11/04	A-INF	18,953	nm	84	52	38	37	3.4										
	A-INT							2.7										
	A-EFF							3.0										
11/17/04	A-INF	19,096	nm	80	49	40	39	0.3										
	A-INT							2.1										
	A-EFF							1.3										
11/24/04	A-INF	19,288	nm	76	42	45	44	1.7										
	A-INT							3.7										
	A-EFF							4.2										
12/01/04	A-INF	19,432	nm	72	42	62	62	3.4	< 10	< 0.50	< 0.10	< 2.8	< 1,165.5	< 0.06	< 13.4	< 0.02342	< 11.1	< 0.0004
	A-INT							1.7	28	< 0.50	0.37							
	A-EFF							2.4	22	< 0.50	< 0.10							

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 11 of 12)

				Field Measurements					Laboratory Analytical Results			TPHg Removal*		MTBE Removal*		Benzene Removal*		Benzene
DATE	SAMPLE	HOURS	HOURS	TEMP	VAC	FLOW		HC	TPHg	MTBE	Benzene	Per Period	Cumulative	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
	ID	BLOWER	SPARGE	F	In H_2O	acfm	scfm	ppmv	<——mg/m3——>			<——Pounds——>						
12/16/04	A-INF	19,579	nm	60	44	52	53	36.1										
	A-INT							5.8										
	A-EFF							2.4										
12/22/04	A-INF	19,746	nm	72	40	58	58	0.0										
	A-INT							0.0										
	A-EFF							0.0										
01/05/05	A-INF	19,852	nm	60	40	60	61	0.3										
	A-INT							0.0										
	A-EFF							0.0										
01/13/05	A-INF	20,049	nm	66	42	56	56	18.3	< 10	< 0.50	< 0.10	< 1.4	< 1,166.0	< 0.07	< 13.4	< 0.01362	< 11.1	< 0.0005
	A-INT							0.0	< 10	< 0.50	< 0.10							
	A-EFF							0.0	< 10	< 0.50	< 0.10							
01/21/05	A-INF	20,235	nm	70	40	55	55	0.0										
	A-INT							0.0										
	A-EFF							0.0										
01/21/05	A-INF	20,235	nm	70	40	55	55	0.0										
	A-INT							0.0										
	A-EFF							0.0										
01/26/05	A-INF	20,358	nm	76	44	53	52	0.0										
	A-INT							0.0										
	A-EFF							0.0										
02/03/05	A-INF	20,547	nm	72	40	56	56	0.0										
	A-INT							0.0										
	A-EFF							0.0										
02/10/05	A-INF	20,705	nm	75	76	62	81	0.0	< 10.2	< 0.508	< 0.508	< 1.7	< 1,166.6	< 0.09	< 13.5	< 0.05142	< 11.1	< 0.0019
	A-INT							0.0	—	—	—							
	A-EFF							0.0	< 10.2	1.62	< 0.508							
02/17/05	A-INF	20,788	nm	75	72	80	79	0.0										
	A-INT							0.0										
	A-EFF							0.0										
02/24/05	A-INF	20,819	—	—	—	—	—	—										
	A-INT							—										
	A-EFF							—										
03/03/05	A-INF	20,820	nm	70	80	80	80	0.0	< 73.8	< 4.26	< 6.40	1.5	< 1,170.0	< 0.08	< 13.6	< 0.11976	< 11.2	< 0.0037
	A-INT							0.0	< 10.2	< 0.508	< 0.508							
	A-EFF							0.0	< 10.2	< 0.508	< 0.508							

TABLE 3
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California

Notes:

A-INF	= Influent sample port.
A-INT	= Intermediate sample port.
A-EFF	= Effluent sample port.
F	= Farenheit.
In H2O	= Inches of water column.
cfm	= Cubic feet per minute.
HC	= Hydorcarbons measured using a photo-ionization detector.
ppmv	= Parts per million by volume.
TPHg	= Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015.
MTBE	= Methyl tertiary butyl ether analyzed using EPA Method 8020 or EPA Method 8021B.
Benzene	= Benzene analyzed using EPA Method 8015 or EPA Method 8021B.
ug/L	= Micrograms per liter.
mg /m³	= Milligrams per cubic meter.
<	= Less than the laboratory method reporting limit.
—	= Not recorded/Not analyzed.

*Values calculated using ERI SOP-25: "Hydrocarbons Removed from a Vadose Well" (Attachment C). If laboratory analytical result is below laboratory reporting limit, reporting limit value is used.

TABLE 4A
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 1 of 4)

Date	Hours	Totalizer Effluent gal	Total Volume gal	Average Flowrate gpm	Sample ID	Laboratory Analytical Results TPHd (ug/L)	TPHg (ug/L)	MTBE (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TPHg Removal Per Period (Pounds)	TPHg Removal Cumulative (Pounds)	Benzene Removal Per Period (Pounds)	Benzene Removal Cumulative (Pounds)	MTBE Removal Per Period (Pounds)	MTBE Removal Cumulative (Pounds)
12/20/02	NPDES discharge letter received 12/20/02 authorizing discharge of treated groundwater. Permit valid 12/20/02.																	
12/30/02	System off on arrival. Processed approximately 3,250 gallons from holding tank through GRS. Down on departure.																	
	0	10,130																
01/13/03	System off on arrival. Processed water in holding tank. System running on departure.																	
01/13/03	28	14,130		2.38	W-INF	<51	< 50	11	< 0.50	<0.50	<0.50	<0.50	< 0.006	< 0.006	< 0.0001	< 0.0001	0.001	0.001
					W-INT 1	<50	< 50	< 0.5	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	<51	< 50	< 0.5	< 0.50	<0.50	<0.50	0.77a						
					W-EFF	<51	< 50	< 0.5	< 0.50	<0.50	<0.50	<0.50						
01/27/03	System running on arrival and departure.																	
01/27/03	357	94,550		4.07														
02/03/03	System running on arrival and departure.																	
02/03/03	528	123,260		2.80	W-INF	<51	66	38	2.1	<0.50	<0.50	1.1	< 0.053	< 0.059	< 0.001	< 0.001	0.022	0.024
					W-INT 1	<48	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	<48	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	<48	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
02/04/03	System running on arrival and departure. Troubleshoot influent totalizer.																	
02/04/03	552	126,550		2.28														
02/10/03	System running on arrival and departure. **Replaced influent totalizer ending old reading 190,140. New totalizer begins at 10 gallons.																	
02/10/03	690	142,010		1.87														
02/18/03	System off on arrival (station owner shut down due to noise). Reset and restarted system.																	
	858	154,830		1.27														
02/19/03	System running on arrival and departure.																	
	885	156,410		0.98														
02/26/03	System running on arrival and departure.																	
	1049	161,800		0.55														
03/03/03	System running on arrival. Shut down system and took confirmation ethanol samples.																	
	—	166,017		—														
03/06/03	System off on arrival and departure. Drained LPC's for carbon changeout 3@500lbs. Stored three drums of water onsite.																	
	—	166,810		—														
03/17/03	System off on arrival and departure.																	
	1175	166,810		0.0														
03/24/03	System off.																	
10/27/03	Installed bio-reactor, system discharging to onsite Baker Tank.																	
10/28/03	Bio-reactor running, discharging to Baker Tank.																	
	1191	166,010		0.0														
10/31/03	GRS in recirculation mode not discharging.																	
	1264	166,000		0.0														
11/07/03	GRS in recirculation mode not discharging.																	
	1268	166,000		0.0														

TABLE 4A
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 2 of 4)

Date	Hours	Totalizer Effluent gal	Total Volume gal	Average Flowrate gpm	Sample ID	Laboratory Analytical Results TPHd (ug/L)	TPHg (ug/L)	MTBE (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TPHg Removal Per Period (Pounds)	TPHg Removal Cumulative (Pounds)	Benzene Removal Per Period (Pounds)	Benzene Removal Cumulative (Pounds)	MTBE Removal Per Period (Pounds)	MTBE Removal Cumulative (Pounds)
11/03/03	Started system to discharge to Baker Tank. Collected samples b																	
	NM	166,059		0.0	W-INF	63c	< 50	1.6	< 0.50	<0.50	<0.50	<0.50	< 0.021	< 0.079	< 0.000	< 0.002	0.007	0.031
					W-BIO-INF	NM	NM	NM	NM	NM	NM	NM						
					W-BIO-EFF	57c	13,000	35000	< 250	<250	<250	<250						
					W-INT 1	< 51	< 50	0.15	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	< 48	< 50	0.21	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	< 51	< 50	0.17	< 0.5	<0.50	<0.50	<0.50						
11/10/03	Started system to discharge to Spring Creek. Collected samples.																	
	nm	166,059		0.0														
11/17/03	System running on arrival and departure. Collected samples.																	
	1438	177,460		1.1														
11/24/03	System running on arrival and departure. Collected samples.																	
	1604	178,680		0.1														
12/01/03	System running on arrival and departure.																	
	1769	179,270		0.1														
12/15/03	System down on arrival, replaced RW2 pump, restarted system.																	
	1771	179,440		0.0														
12/22/03	System down on arrival (H/H well box). Reset and restarted system, collected monthly samples b																	
	1864	180,660		0.1	W-INF	< 48	< 50	< 1	< 0.50	<0.50	<0.50	<0.50	< 0.006	< 0.086	< 0.0001	< 0.002	0.000	0.031
					W-BIO-INF	NM	NM	NM	NM	NM	NM	NM						
					W-BIO-EFF	< 48	3,800	7000.00	< 0.50	<0.50	<0.50	<0.50						
					W-INT 1	< 48	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	< 48	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	< 47	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
12/29/03	System down on arrival (H/H well box). Reset and restarted system.																	
	1897	184,700		0.4														
01/12/04	System down on arrival (H/H well box). Reset and restarted system.																	
	1964	192,500		0.4														
01/26/04	System running on arrival and departure, collected monthly GRS samples.																	
	2261	220,840		1.4	W-INF	< 51	< 50	12	< 0.50	<0.50	<0.50	<0.50	< 0.017	< 0.102	< 0.0002	< 0.002	< 0.002	< 0.033
					W-BIO-INF	< 51	< 50	62	< 0.50	<0.50	<0.50	<0.50						
					W-BIO-EFF	< 51	930	1600	< 25	<25	<25	<25						
					W-INT 1	< 51	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	< 50	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	< 50	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
02/09/04	System running on arrival and down on departure for carbon changeout (3 @ 500 lbs, virgin coconut acid washed). Collected monthly samples.																	
	2577	228,430		0.4	W-INF	< 50	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50	< 0.009	< 0.111	< 0.0001	< 0.0020	< 0.0004	< 0.033
					W-BIO-INF	57c	150	210	< 0.50	<0.50	<0.50	<0.50						
					W-BIO-EFF	< 51	770	1800	< 5.0	<5.0	<5.0	<5.0						
					W-INT 1	< 51	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	< 51	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	< 51	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						

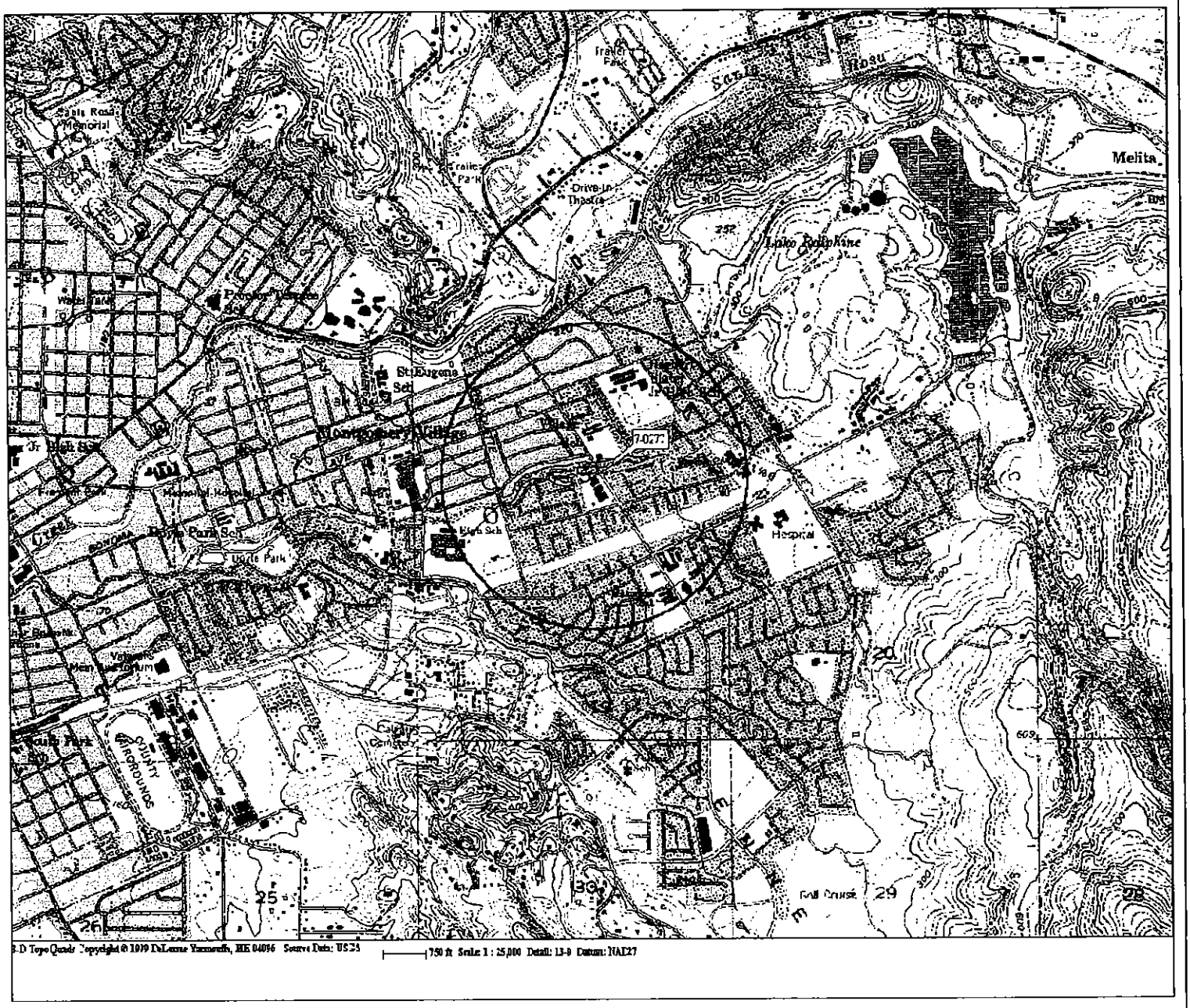
TABLE 4A
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 3 of 4)

Date	Hours	Totalizer Effluent gal	Total Volume gal	Average Flowrate gpm	Sample ID	Laboratory Analytical Results TPHd (ug/L)	TPHg (ug/L)	MTBE (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TPHg Removal Per Period (Pounds)	TPHg Removal Cumulative (Pounds)	Benzene Removal Per Period (Pounds)	Benzene Removal Cumulative (Pounds)	MTBE Removal Per Period (Pounds)	MTBE Removal Cumulative (Pounds)
02/23/04	System down on arrival and departure for carbon changeout and hydration.																	
03/01/04	System down on arrival and departure, collected bio-assay samples.																	
03/03/04	System down on arrival and departure, collected bio-assay samples.																	
03/10/04	System down on arrival, set up acid wash recirculation (not discharging), to lower pH of carbon vessels.																	
03/18/04	System down on arrival, continued acid wash procedure on carbon vessels.																	
03/22/04	Completed acid wash of carbon vessels, stable at low 7's.																	
03/31/04	System down on arrival and departure, repaired secondary containment, ready to re-innoculate bio and discharge to storage tank.																	
05/19/04	Collected full sample run from system excluding Bio-Assay. Not discharging until authorization is granted from regional board.																	
	2577	228,430		0.0	W-INF	< 50	< 50	2.2	< 0.50	<0.50	<0.50	<0.50	< 0.000	< 0.111	< 0.0000	< 0.0020	< 0.0000	< 0.033
					W-BIO-EFF	< 50	< 50	1.4	< 0.50	<0.50	<0.50	<0.50						
					W-INT 1	< 50	< 50	1.4	< 0.50	<0.50	<0.50	<0.50						
					W-INT 2	< 50	< 50	1.1	< 0.50	<0.50	<0.50	<0.50						
					W-EFF	< 50	< 50	< 0.50	< 0.50	<0.50	<0.50	<0.50						
6/7/04-6/11/04	Collected bioassay samples, (Ceriodaphnia dubia). Passed the test.																	
07/21/04	Discharged treated water.																	
		228,800		1.1														
07/22/04	Discharged treated water.																	
		231,340		1.8														
07/26/04	Collected bioassay samples for fat head larvae and selanastrum algae. Both tests passed.																	
09/08/04	Discharged treated water.																	
		233,360		0.0														
09/08/04	System shut down awaiting sewer discharge permit and system retrofit. Final totalizer reading is 233,360																	
02/17/05	System retrofit and discharge permit complete. Started system and collected samples. Water stored in tank, no discharge.																	
02/17/05	2603	406	233,766		W-INF		< 50.0	1.60	< 0.50	<0.50	<0.50	<0.50	< 0.002	< 0.114	< 0.00002	< 0.0020	< 0.0001	< 0.033
					W-INT1		< 50.0	1.10	< 0.50	<0.50	<0.50	<0.50						
					W-INT2		< 50.0	< 0.50	< 0.50	<0.50	<0.50	<0.50						
					W-EFF		< 50.0	< 0.50	< 0.50	<0.50	<0.50	<0.50						
03/01/05	Discharged water from tank to sewer with City of Santa Rosa approval. Restarted system and left running.																	
03/01/05	2607	1,560	234,920	0.1														
03/03/05	2622	22,000	255,360	7.1	W-INF		< 50.0	6.20	< 0.50	0.7	<0.5	1.5	< 0.009	< 0.123	< 0.0001	< 0.0021	< 0.0007	< 0.034
					W-INT1		< 50.0	NA	< 0.50	0.5	<0.5	0.8						
					W-INT2		< 50.0	NA	< 0.50	<0.5	<0.5	<0.5						
					W-EFF		< 50.0	< 0.50	< 0.50	<0.5	<0.5	<0.5						
03/10/05	2828	94,870	328,230	7.2														
03/17/05	3484	124,520	357,880	2.9														

TABLE 4A
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER EXTRACTION AND TREATMENT SYSTEM
Former Exxon Service Station 7-0277
1101 Yulupa Avenue
Santa Rosa, California
(Page 4 of 4)

Notes:

W-INF	=	Water influent from recovery wells.
W-BIO-INF	=	Water influent from the recovery wells and nutrient tank, before the bioreactor.
W-BIO-EFF	=	Water effluent from the bioreactor, before carbon vessel 1.
W-INT1	=	Water intermediate between carbon vessels 1 and 2.
W-INT2	=	Water intermediate between carbon vessels 2 and 3.
W-EFF	=	Water effluent.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015B modified.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B modified.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
B	=	Benzene analyzed using EPA Method 8021B.
T	=	Toluene analyzed using EPA Method 8021B.
E	=	Ethylbenzene analyzed using EPA Method 8021B.
X	=	Total xylenes analyzed using EPA Method 8021B.
gal	=	Gallons.
gpm	=	Gallons per minute.
<	=	Less than the stated laboratory reporting limit.
µg/L	=	Micrograms per liter.
mg/L	=	Milligrams per liter.
NM	=	Not measured.
NA	=	Not analyzed.
a	=	Analyzed using EPA Method 8260B.
b	=	The samples identified as W-INT1, W-INT2, and W-INT3 in the laboratory analytical reports for samples collected 11/03/03 and 12/22/03 correspond with W-BIO-EFF, W-INT1, and W-INT2, respectively, in this table.
c	=	Diesel-range organic compounds reported in sample; however, the chromatogram pattern is not representative of diesel fuel.



EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

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

ERI ENVIRONMENTAL RESOLUTIONS, INC.

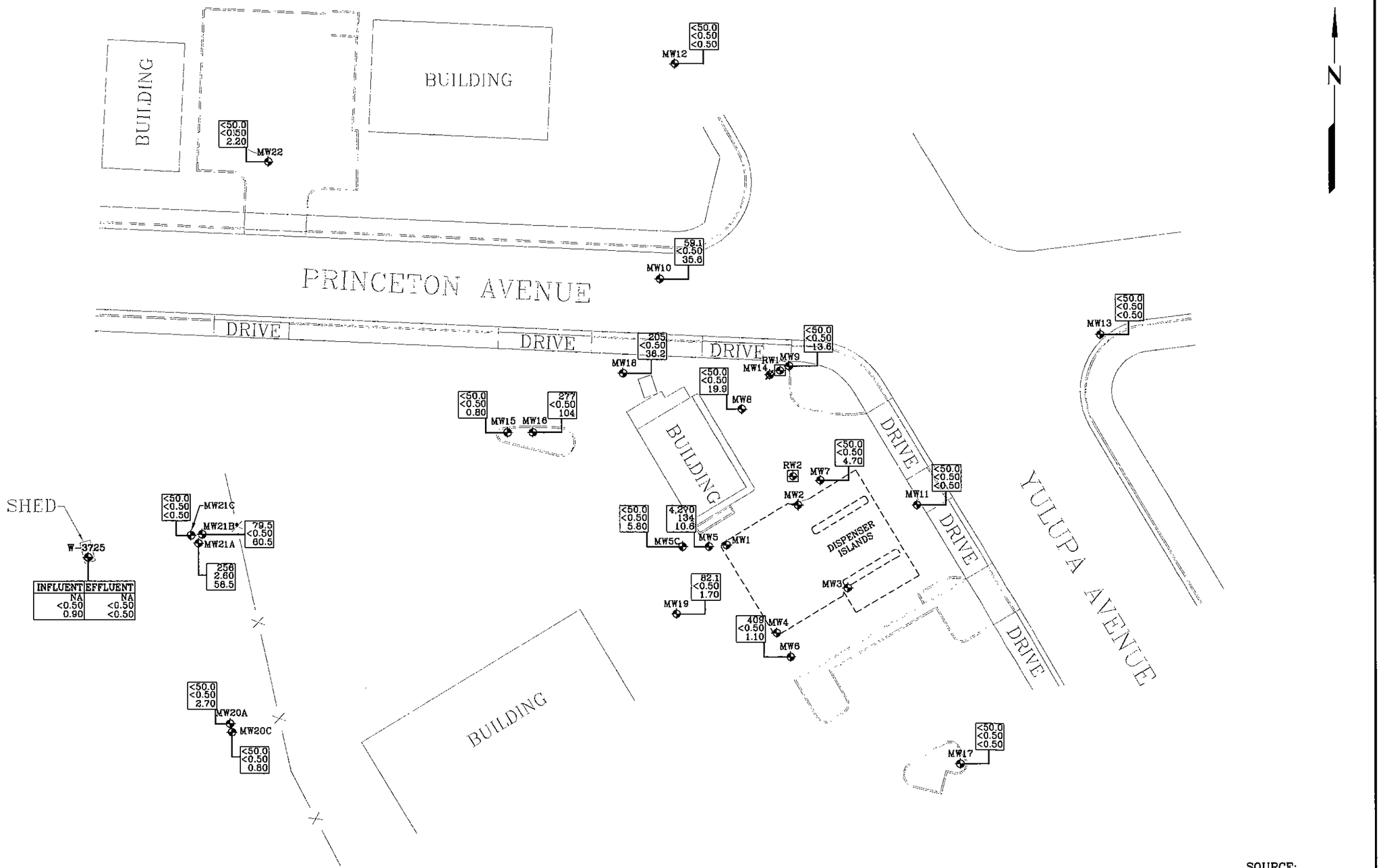
SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-0277
1101 Yulupa Avenue
Santa Rosa, California

PROJECT NO.
2101
PLATE
1

Analyte Concentrations in ug/L
Sampled January 10, 2005

4,270	Total Petroleum Hydrocarbons as gasoline
134	Benzene
10.6	Methyl Tertiary Butyl Ether
<	Less Than the Stated Laboratory Reporting Limit
ug/L	Micrograms per Liter
NA	Not Analyzed



FN 21010006_QM

SOURCE:
Modified from a map provided by Morrow Surveying

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

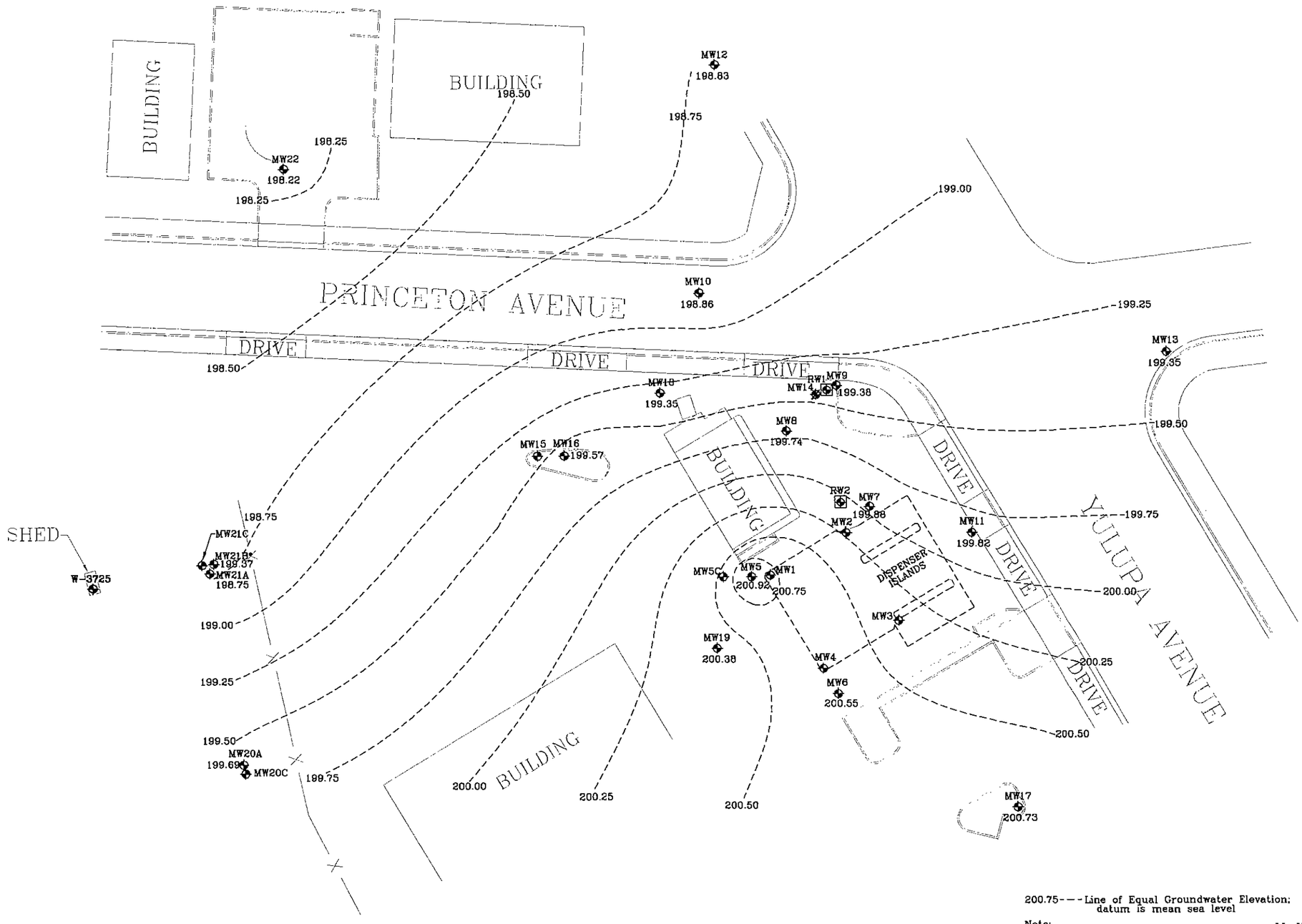
FORMER
EXXON SERVICE STATION 7-0277
1101 Yulupa Avenue
Santa Rosa, California

EXPLANATION

- MW22 — Groundwater Monitoring Well, Upper Zone
- MW21C — Groundwater Monitoring Well, Lower Zone
- RW2 — Groundwater Recovery Well
- MW21B* — Groundwater Monitoring Well, Intermediate Zone
- MW14 — Destroyed Groundwater Monitoring Well
- W-3725 — Domestic Irrigation Well, 3735 Mayette Avenue

PROJECT NO. 2101

PLATE 2



APPROXIMATE SCALE

0 40 80 Feet

FN 21010006_QM

200.75- - -Line of Equal Groundwater Elevation; datum is mean sea level

Note:
Groundwater Monitoring Well 21B not contoured because it is screened over an intermediate interval.

SOURCE:
Modified from a map provided by Morrow Surveying

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GROUNDWATER ELEVATION MAP

Upper Zone - January 10, 2005

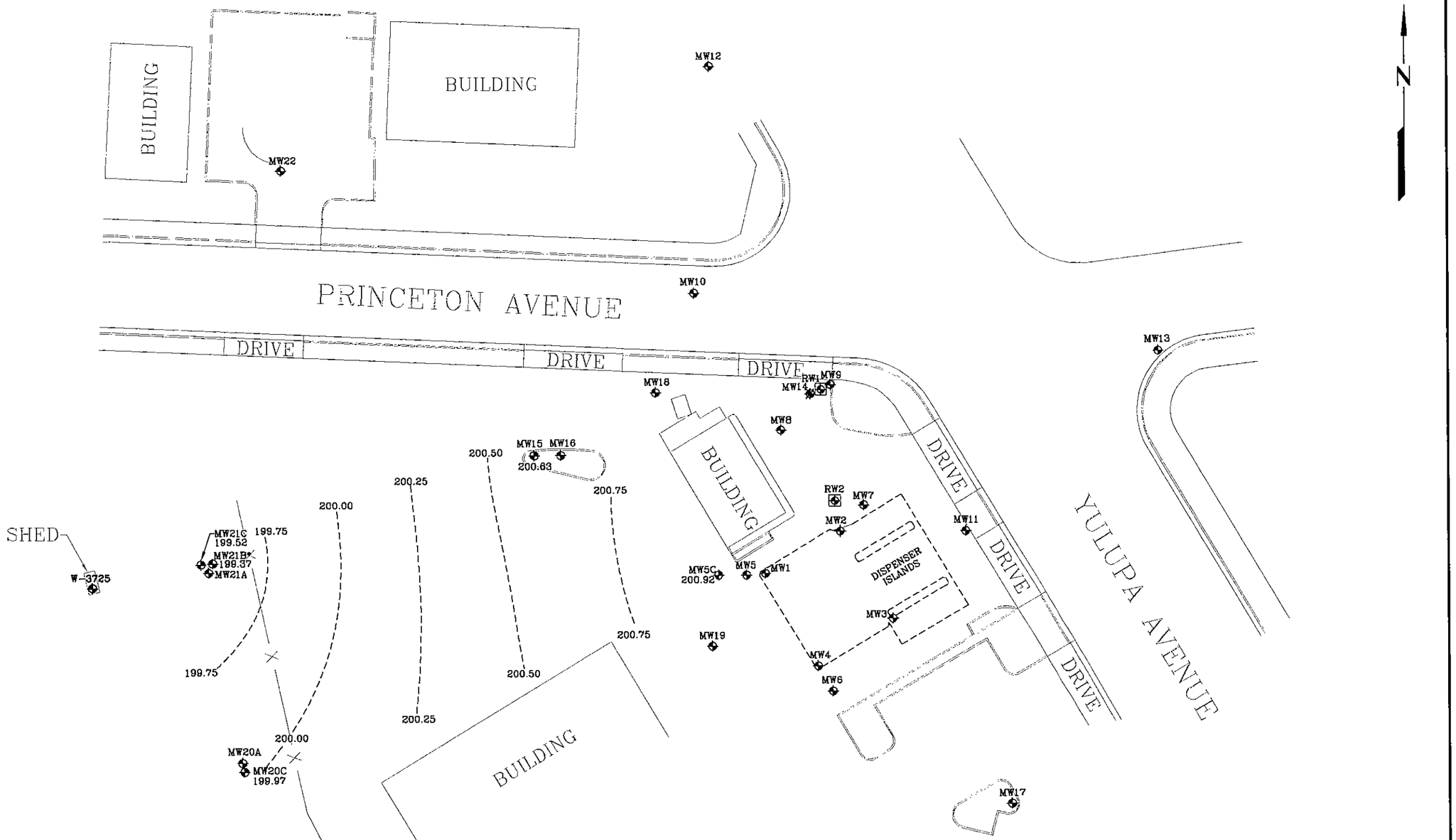
FORMER
EXXON SERVICE STATION 7-0277
1101 Yulupa Avenue
Santa Rosa, California

EXPLANATION

MW22 — Groundwater Monitoring Well, Upper Zone
198.22 — Groundwater elevation in feet; datum is mean sea level
RW2 — Groundwater Recovery Well
MW14 — Destroyed Groundwater Monitoring Well
MW21C — Groundwater Monitoring Well, Lower Zone
MW21B* — Groundwater Monitoring Well, Intermediate Zone
W-3725 — Domestic Irrigation Well, 3735 Mayette Avenue

PROJECT NO. 2101

PLATE 3



APPROXIMATE SCALE

0 40 80 Feet

FN 21010006_QM

200.75 - - - - Line of Equal Groundwater Elevation; datum is mean sea level

Note:
Groundwater Monitoring Well 21B is not contoured because it is screened over a different interval than the other Monitoring Wells.

SOURCE:
Modified from a map provided by Morrow Surveying

ERI ENVIRONMENTAL RESOLUTIONS, INC.

GROUNDWATER ELEVATION MAP

Lower Zone - January 10, 2005

FORMER
EXXON SERVICE STATION 7-0277
1101 Yulupa Avenue
Santa Rosa, California

EXPLANATION

MW21C — Groundwater Monitoring Well, Upper Zone
199.52 — Groundwater elevation in feet; datum is mean sea level
RW2 — Groundwater Recovery Well
MW14 — Destroyed Groundwater Monitoring Well
MW21C — Groundwater Monitoring Well, Lower Zone
MW21B* — Groundwater Monitoring Well, Intermediate Zone
W-3725 — Domestic Irrigation Well, 3735 Mayette Avenue

PROJECT NO. 2101

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 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 ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

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1/21/05

JAN 24 2005

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101 1316600.
Laboratory Project Number: 402843.

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	Collection Date
MW5	05-A4300	1/10/05
MW6	05-A4301	1/10/05
MW7	05-A4302	1/10/05
MW8	05-A4303	1/10/05
MW9	05-A4304	1/10/05
MW10	05-A4305	1/11/05
MW11	05-A4306	1/10/05
MW12	05-A4307	1/10/05
MW13	05-A4308	1/11/05
MW15	05-A4309	1/11/05
MW16	05-A4310	1/11/05
MW17	05-A4311	1/10/05
MW18	05-A4312	1/10/05
MW19	05-A4313	1/11/05
MW5C	05-A4314	1/11/05
MW20A	05-A4315	1/11/05
MW20C	05-A4316	1/11/05
MW21A	05-A4317	1/11/05
MW21B	05-A4318	1/11/05
MW21C	05-A4319	1/11/05
MW22	05-A4320	1/11/05
QCBB	05-A4321	1/11/05

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Roxanne L Connor

Report Date: 1/21/05

Johnny A. Mitchell, Lab Director
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 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4300
Sample ID: MW5
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 17:05
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	4270	ug/l	500.	10.0	1/20/05	7:09	D. Otero	8015B	4659
**TPH (Diesel Range)	1540	ug/l	50.	1.0	1/15/05	17:55	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**Benzene	134.	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**1,2-Dichloroethane	3.60	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**Ethylbenzene	1090	ug/l	5.00	10.0	1/20/05	14:01	A. Bruton	8260B	5586
**Toluene	18.4	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**Xylenes (Total)	1070	ug/l	5.00	10.0	1/20/05	14:01	A. Bruton	8260B	5586
**Methyl-t-butyl ether	10.6	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260B	5560
Ethanol	ND	ug/L	50.0	1.0	1/17/05	2:42	A. Bruton	8260B	5560
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/17/05	2:42	A. Bruton	8260/SA05-77	5560

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	65.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4300
Sample ID: MW5

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	88.	69. - 132.
VOA Surr 1,2-DCA-d4	108.	73. - 127.
VOA Surr Toluene-d8	103.	79. - 113.
VOA Surr, 4-BFB	81.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4301
Sample ID: MW6
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 15:50
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	409.	ug/l	50.0	1.0	1/18/05	20:23	I. Ahmed	8015B	2119
**TPH (Diesel Range)	92.	ug/l	50.	1.0	1/15/05	18:11	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Methyl-t-butyl ether	1.10	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	1:40	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	1:40	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	65.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4301
Sample ID: MW6

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	97.	69. - 132.
VOA Surr 1,2-DCA-d4	94.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	97.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4302
Sample ID: MW7
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 16:35
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	20:38	I. Ahmed	8015B	2119
**TPH (Diesel Range)	104.	ug/l	50.	1.0	1/15/05	18:26	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Xylenes (Total)	1.10	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Methyl-t-butyl ether	4.70	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	2:04	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	2:04	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	66.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4302
Sample ID: MW7

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	112.	69. - 132.
VOA Surr 1,2-DCA-d4	92.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	98.	79. - 125.
VOA Surr, DBFM	93.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4303
Sample ID: MW8
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 16:50
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	20:52	I. Ahmed	8015B	2119
**TPH (Diesel Range)	ND	ug/l	50.	1.0	1/15/05	18:42	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Methyl-t-butyl ether	19.9	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	2:28	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	2:28	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	63.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4303
Sample ID: MW8

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	96.	69. - 132.
VOA Surr 1,2-DCA-d4	97.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	101.	79. - 125.
VOA Surr, DBFM	95.	75. - 134.

LABORATORY COMMENTS:
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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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4304
Sample ID: MW9
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 16:20
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	21:07	I. Ahmed	8015B	2119
**TPH (Diesel Range)	53.	ug/l	50.	1.0	1/15/05	18:58	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Methyl-t-butyl ether	13.6	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	2:53	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	2:53	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	64.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4304
Sample ID: MW9

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	108.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	97.	79. - 125.
VOA Surr, DBFM	95.	75. - 134.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
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J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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2960 Foster Creighton Drive • Nashville, Tennessee 37204
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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4305
Sample ID: MW10
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:11
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	59.1	ug/l	50.0	1.0	1/18/05	21:22	I. Ahmed	8015B	2119
**TPH (Diesel Range)	167.	ug/l	50.	1.0	1/15/05	19:13	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Tertiary butyl alcohol	11.2	ug/l	10.0	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Methyl-t-butyl ether	35.6	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	3:17	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	3:17	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	66.	55. - 133.

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Laboratory Number: 05-A4305
Sample ID: MW10

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	96.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	99.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4306
Sample ID: MW11
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 16:05
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	21:36	I. Ahmed	8015B	2119
**TPH (Diesel Range)	56.	ug/l	50.	1.0	1/15/05	20:00	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	3:41	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	3:41	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	63.	55. - 133.

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Laboratory Number: 05-A4306
Sample ID: MW11

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	109.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	99.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4307
Sample ID: MW12
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 15:50
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	21:51	I. Ahmed	8015B	2119
**TPH (Diesel Range)	ND	ug/l	50.	1.0	1/15/05	20:16	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	4:06	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	4:06	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	63.	55. - 133.

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Laboratory Number: 05-A4307
Sample ID: MW12

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	96.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	97.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4308
Sample ID: MW13
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:53
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	22:06	I. Ahmed	8015B	2119
**TPH (Diesel Range)	66.	ug/l	50.	1.0	1/15/05	20:31	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	4:30	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	4:30	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	66.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4308
Sample ID: MW13

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	113.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	98.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4309
Sample ID: MW15
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:37
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	22:21	I. Ahmed	8015B	2119
**TPH (Diesel Range)	66.	ug/l	50.	1.0	1/15/05	20:47	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Methyl-t-butyl ether	0.80	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	4:54	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	4:54	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	70.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4309
Sample ID: MW15

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	96.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	99.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4310
Sample ID: MW16
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:54
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	277.	ug/l	50.0	1.0	1/18/05	22:35	I. Ahmed	8015B	2119
**TPH (Diesel Range)	76.	ug/l	50.	1.0	1/15/05	21:03	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Tertiary butyl alcohol	35.5	ug/l	10.0	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Xylenes (Total)	1.80	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Methyl-t-butyl ether	104.	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	5:19	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	5:19	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	62.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4310
Sample ID: MW16

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	111.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	97.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4311
Sample ID: MW17
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 15:35
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	22:50	I. Ahmed	8015B	2119
**TPH (Diesel Range)	ND	ug/l	50.	1.0	1/15/05	21:18	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	5:43	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	5:43	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	70.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4311
Sample ID: MW17

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	97.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	96.	79. - 113.
VOA Surr, 4-BFB	99.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4312
Sample ID: MW18
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/10/05
Time Collected: 17:20
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	205.	ug/l	50.0	1.0	1/18/05	23:04	I. Ahmed	8015B	2119
**TPH (Diesel Range)	175.	ug/l	50.	1.0	1/15/05	21:34	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Tertiary butyl alcohol	13.6	ug/l	10.0	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Methyl-t-butyl ether	36.2	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	6:07	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	6:07	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

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

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ANALYTICAL REPORT

Laboratory Number: 05-A4312
Sample ID: MW18

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	108.	69. - 132.
VOA Surr 1,2-DCA-d4	93.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	91.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4313
Sample ID: MW19
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:01
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	82.1	ug/l	50.0	1.0	1/18/05	23:19	I. Ahmed	8015B	2119
**TPH (Diesel Range)	62.	ug/l	50.	1.0	1/15/05	21:49	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Ethylbenzene	1.70	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Methyl-t-butyl ether	1.70	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	6:32	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	6:32	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	65.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4313
Sample ID: MW19

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	98.	69. - 132.
VOA Surr 1,2-DCA-d4	99.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	93.	79. - 125.
VOA Surr, DBFM	93.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4314
Sample ID: MW5C
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:22
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	23:34	I. Ahmed	8015B	2119
**TPH (Diesel Range)	230.	ug/l	50.	1.0	1/15/05	22:05	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Ethylbenzene	1.50	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Xylenes (Total)	3.80	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Methyl-t-butyl ether	5.80	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	6:56	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	6:56	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	70.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4314
Sample ID: MW5C

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	110.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	97.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4315
Sample ID: MW20A
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:05
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/18/05	23:49	I. Ahmed	8015B	2119
**TPH (Diesel Range)	57.	ug/l	50.	1.0	1/15/05	22:20	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Xylenes (Total)	1.00	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Methyl-t-butyl ether	2.70	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	7:20	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	7:20	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	67.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4315
Sample ID: MW20A

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	69. - 132.
VOA Surr 1,2-DCA-d4	100.	73. - 127.
VOA Surr Toluene-d8	93.	79. - 113.
VOA Surr, 4-BFB	97.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4316
Sample ID: MW20C
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:20
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/19/05	0:03	I. Ahmed	8015B	2119
**TPH (Diesel Range)	299.	ug/l	50.	1.0	1/15/05	22:36	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Benzene	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Ethylbenzene	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Toluene	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Methyl-t-butyl ether	0.80	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	7:45	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	7:45	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	67.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4316
Sample ID: MW20C

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	108.	69. - 132.
VOA Surr 1,2-DCA-d4	98.	73. - 127.
VOA Surr Toluene-d8	92.	79. - 113.
VOA Surr, 4-BFB	97.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4317
Sample ID: MW21A
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:10
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	256.	ug/l	50.0	1.0	1/19/05	0:18	I. Ahmed	8015B	2119
**TPH (Diesel Range)	133.	ug/l	50.	1.0	1/15/05	22:51	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Tertiary butyl alcohol	12.9	ug/l	10.0	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Benzene	2.60	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Ethylbenzene	0.60	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Toluene	0.70	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Xylenes (Total)	1.60	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Methyl-t-butyl ether	58.5	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260B	5249
Ethanol	ND	ug/L	50.0	1.0	1/20/05	8:09	A. Bruton	8260B	5249
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/20/05	8:09	A. Bruton	8260/SA05-77	5249

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	1/14/05		K. Turner	3510

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

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Laboratory Number: 05-A4317
Sample ID: MW21A

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	100.	69. - 132.
VOA Surr 1,2-DCA-d4	102.	73. - 127.
VOA Surr Toluene-d8	95.	79. - 113.
VOA Surr, 4-BFB	93.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4318
Sample ID: MW21B
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:25
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	79.5	ug/l	50.0	1.0	1/19/05	0:32	I. Ahmed	8015B	2119
**TPH (Diesel Range)	137.	ug/l	50.	1.0	1/15/05	23:07	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Tertiary butyl alcohol	16.2	ug/l	10.0	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Benzene	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Ethylbenzene	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Toluene	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Xylenes (Total)	1.00	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Methyl-t-butyl ether	60.5	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260B	5462
Ethanol	ND	ug/L	50.0	1.0	1/19/05	21:13	A. Bruton	8260B	5462
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/19/05	21:13	A. Bruton	8260/SA05-77	5462

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	65.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4318
Sample ID: MW21B

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	113.	69. - 132.
VOA Surr 1,2-DCA-d4	95.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	101.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4319
Sample ID: MW21C
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 16:40
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/19/05	8:37	I. Ahmed	8015B	2120
**TPH (Diesel Range)	214.	ug/l	50.	1.0	1/15/05	23:22	B. Yanna	8015B/3510	1806
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Benzene	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Ethylbenzene	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Toluene	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Xylenes (Total)	1.00	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260B	5462
Ethanol	ND	ug/L	50.0	1.0	1/19/05	21:38	A. Bruton	8260B	5462
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/19/05	21:38	A. Bruton	8260/SA05-77	5462

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	67.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4319
Sample ID: MW21C

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	73. - 127.
VOA Surr Toluene-d8	92.	79. - 113.
VOA Surr, 4-BFB	99.	79. - 125.
VOA Surr, DBFM	96.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels
TPH-Diesel result was not consistent with diesel fuel.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4320
Sample ID: MW22
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected: 17:50
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	1/19/05	8:51	I. Ahmed	8015B	2120
**TPH (Diesel Range)	ND	ug/l	50.	1.0	1/15/05	13:30	B. Yanna	8015B/3510	1817
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Benzene	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Ethylbenzene	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Toluene	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Xylenes (Total)	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Methyl-t-butyl ether	2.20	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260B	5462
Ethanol	ND	ug/L	50.0	1.0	1/19/05	22:02	A. Bruton	8260B	5462
**Diisopropyl ether	ND	ug/l	0.50	1.0	1/19/05	22:02	A. Bruton	8260/SA05-77	5462

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	1/14/05		K. Turner	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	59.	55. - 133.

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ANALYTICAL REPORT

Laboratory Number: 05-A4320
Sample ID: MW22

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	97.	73. - 127.
VOA Surr Toluene-d8	94.	79. - 113.
VOA Surr, 4-BFB	99.	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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A4321
Sample ID: QCBB
Sample Type: Water
Site ID: 7-0277

Project: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 1/11/05
Time Collected:
Date Received: 1/13/05
Time Received: 8:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch

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	1/14/05		K. Turner	3510

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.
** = NELAC E87358 Certified Analyte
Samplers: Vicki Burns, Dan Parsons, David Daniels

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PROJECT QUALITY CONTROL DATA
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Project Name: EXXONMOBIL 7-0277
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Laboratory Receipt Date: 1/13/05

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								
TPH (Gasoline Range)	mg/l	0.0795	1.10	1.00	102	43. - 150.	2119	05-A4318
TPH (Gasoline Range)	mg/l	< 0.0500	1.03	1.00	103	43. - 150.	2120	05-A5174
TPH (Diesel Range)	mg/l	< 0.050	0.722	1.00	72	35. - 124.	1806	blank
TPH (Diesel Range)	mg/l	< 0.050	0.704	1.00	70	35. - 124.	1817	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				107	69 - 132	2119	
VOA PARAMETERS								
Benzene	mg/l	0.134	0.197	0.0500	126	62 - 143	5560	05-A4300
Benzene	mg/l	< 0.00025	0.0504	0.0500	101	62 - 143	5462	blank
Benzene	mg/l	< 0.00025	0.0568	0.0500	114	62 - 143	5249	blank
Toluene	mg/l	0.0184	0.0683	0.0500	100	63 - 141	5560	05-A4300
Toluene	mg/l	< 0.00017	0.0494	0.0500	99	63 - 141	5462	blank
Toluene	mg/l	< 0.00017	0.0555	0.0500	111	63 - 141	5249	blank

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.10	1.26	13.56	27.	2119
TPH (Gasoline Range)	mg/l	1.03	1.15	11.01	27.	2120
TPH (Diesel Range)	mg/l	0.722	0.712	1.39	36.	1806
TPH (Diesel Range)	mg/l	0.704	0.736	4.44	36.	1817
BTEX/GRO Surr., a,a,a-TFT	% Recovery		114.			2119
VOA PARAMETERS						
Benzene	mg/l	0.197	0.195	1.02	27.	5560
Benzene	mg/l	0.0504	0.0504	0.00	27.	5462
Benzene	mg/l	0.0568	0.0532	6.55	27.	5249
Toluene	mg/l	0.0683	0.0672	1.62	34.	5560
Toluene	mg/l	0.0494	0.0508	2.79	34.	5462
Toluene	mg/l	0.0555	0.0516	7.28	34.	5249

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PROJECT QUALITY CONTROL DATA
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VOA Surr 1,2-DCA-d4	% Rec	93.	5462
VOA Surr 1,2-DCA-d4	% Rec	95.	5249
VOA Surr Toluene-d8	% Rec	95.	5462
VOA Surr Toluene-d8	% Rec	97.	5249
VOA Surr, 4-BFB	% Rec	87.	5462
VOA Surr, 4-BFB	% Rec	86.	5249
VOA Surr, DBFM	% Rec	94.	5462
VOA Surr, DBFM	% Rec	95.	5249

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.00	0.995	100	64 - 130	2119
TPH (Gasoline Range)	mg/l	1.00	0.917	92	64 - 130	2120
TPH (Gasoline Range)	mg/l	1.00	1.06	106	64 - 130	4659
BTEX/GRO Surr., a,a,a-TFT	% Recovery			110	69 - 132	2119
BTEX/GRO Surr., a,a,a-TFT	% Recovery			117	69 - 132	4659
UST PARAMETERS						
TPH (Diesel Range)	mg/l	1.00	0.743	74	41 - 120	1806
TPH (Diesel Range)	mg/l	1.00	0.672	67	41 - 120	1817
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0517	103	67 - 140	5560
Ethyl-t-butylether	mg/l	0.0500	0.0570	114	67 - 140	5462
Ethyl-t-butylether	mg/l	0.0500	0.0560	112	67 - 140	5249
tert-amyl methyl ether	mg/L	0.0500	0.0494	99	68 - 134	5560
tert-amyl methyl ether	mg/L	0.0500	0.0566	113	68 - 134	5462
tert-amyl methyl ether	mg/L	0.0500	0.0540	108	68 - 134	5249
Tertiary butyl alcohol	mg/l	0.500	0.325	65	28 - 182	5560
Tertiary butyl alcohol	mg/l	0.500	0.381	76	28 - 182	5462
Tertiary butyl alcohol	mg/l	0.500	0.345	69	28 - 182	5249
Benzene	mg/l	0.0500	0.0530	106	78 - 123	5560
Benzene	mg/l	0.0500	0.0540	108	78 - 123	5462
Benzene	mg/l	0.0500	0.0538	108	78 - 123	5249
1,2-Dibromoethane	mg/l	0.0500	0.0474	95	72 - 135	5560
1,2-Dibromoethane	mg/l	0.0500	0.0585	117	72 - 135	5462
1,2-Dibromoethane	mg/l	0.0500	0.0577	115	72 - 135	5249
1,2-Dichloroethane	mg/l	0.0500	0.0534	107	73 - 130	5560
1,2-Dichloroethane	mg/l	0.0500	0.0540	108	73 - 130	5462

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dichloroethane	mg/l	0.0500	0.0555	111	73 - 130	5249
Ethylbenzene	mg/l	0.0500	0.0567	113	80 - 124	5462
Ethylbenzene	mg/l	0.0500	0.0560	112	80 - 124	5249
Ethylbenzene	mg/l	0.0500	0.0538	108	80 - 124	5586
Toluene	mg/l	0.0500	0.0487	97	77 - 124	5560
Toluene	mg/l	0.0500	0.0546	109	77 - 124	5462
Toluene	mg/l	0.0500	0.0535	107	77 - 124	5249
Xylenes (Total)	mg/l	0.150	0.166	111	81 - 124	5462
Xylenes (Total)	mg/l	0.150	0.165	110	81 - 124	5249
Xylenes (Total)	mg/l	0.150	0.168	112	81 - 124	5586
Methyl-t-butyl ether	mg/l	0.0500	0.0474	95	69 - 136	5560
Methyl-t-butyl ether	mg/l	0.0500	0.0529	106	69 - 136	5462
Methyl-t-butyl ether	mg/l	0.0500	0.0524	105	69 - 136	5249
Ethanol	mg/L	5.00	4.32	86	48 - 164	5560
Ethanol	mg/L	5.00	5.33	107	48 - 164	5462
Ethanol	mg/L	5.00	4.57	91	48 - 164	5249
Diisopropyl ether	mg/l	0.0500	0.0541	108	65 - 140	5560
Diisopropyl ether	mg/l	0.0500	0.0561	112	65 - 140	5462
Diisopropyl ether	mg/l	0.0500	0.0561	112	65 - 140	5249
VOA Surr 1,2-DCA-d4	% Rec			91	73 - 127	5462
VOA Surr 1,2-DCA-d4	% Rec			94	73 - 127	5249
VOA Surr 1,2-DCA-d4	% Rec			101	73 - 127	5586
VOA Surr Toluene-d8	% Rec			96	79 - 113	5462
VOA Surr Toluene-d8	% Rec			95	79 - 113	5249
VOA Surr Toluene-d8	% Rec			104	79 - 113	5586
VOA Surr, 4-BFB	% Rec			88	79 - 125	5462
VOA Surr, 4-BFB	% Rec			89	79 - 125	5249
VOA Surr, 4-BFB	% Rec			78	79 - 125	5586
VOA Surr, DBFM	% Rec			94	75 - 134	5462
VOA Surr, DBFM	% Rec			94	75 - 134	5249
VOA Surr, DBFM	% Rec			93	75 - 134	5586

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800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Page: 4
Laboratory Receipt Date: 1/13/05

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					
TPH (Gasoline Range)	< 0.0500	mg/l	2119	1/18/05	19:39
TPH (Gasoline Range)	< 0.0500	mg/l	2120	1/19/05	8:22
TPH (Gasoline Range)	< 0.0500	mg/l	4659	1/19/05	23:23
TPH (Diesel Range)	< 0.050	mg/l	1806	1/15/05	16:52
TPH (Diesel Range)	< 0.050	mg/l	1817	1/15/05	12:28
BTEX/GRO Surr., a,a,a-TFT	109.	% Recovery	2119	1/18/05	19:39
BTEX/GRO Surr., a,a,a-TFT	87.	% Recovery	4659	1/19/05	23:23
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00027	mg/l	5560	1/17/05	2:17
Ethyl-t-butylether	< 0.00027	mg/l	5462	1/19/05	14:11
Ethyl-t-butylether	< 0.00027	mg/l	5249	1/20/05	1:16
tert-amyl methyl ether	< 0.00030	mg/L	5560	1/17/05	2:17
tert-amyl methyl ether	< 0.00030	mg/L	5462	1/19/05	14:11
tert-amyl methyl ether	< 0.00030	mg/L	5249	1/20/05	1:16
Tertiary butyl alcohol	< 0.00428	mg/l	5560	1/17/05	2:17
Tertiary butyl alcohol	< 0.00428	mg/l	5462	1/19/05	14:11
Tertiary butyl alcohol	< 0.00428	mg/l	5249	1/20/05	1:16
Benzene	< 0.00025	mg/l	5560	1/17/05	2:17
Benzene	< 0.00025	mg/l	5462	1/19/05	14:11
Benzene	< 0.00025	mg/l	5249	1/20/05	1:16
1,2-Dibromoethane	< 0.00023	mg/l	5560	1/17/05	2:17
1,2-Dibromoethane	< 0.00023	mg/l	5462	1/19/05	14:11
1,2-Dibromoethane	< 0.00023	mg/l	5249	1/20/05	1:16
1,2-Dichloroethane	< 0.00039	mg/l	5560	1/17/05	2:17
1,2-Dichloroethane	< 0.00039	mg/l	5462	1/19/05	14:11
1,2-Dichloroethane	< 0.00039	mg/l	5249	1/20/05	1:16

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PROJECT QUALITY CONTROL DATA
Project Number: 2101 1316600
Project Name: EXXONMOBIL 7-0277
Page: 5
Laboratory Receipt Date: 1/13/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Ethylbenzene	< 0.00019	mg/l	5462	1/19/05	14:11
Ethylbenzene	< 0.00019	mg/l	5249	1/20/05	1:16
Ethylbenzene	< 0.00019	mg/l	5586	1/20/05	12:50
Toluene	< 0.00017	mg/l	5560	1/17/05	2:17
Toluene	< 0.00017	mg/l	5462	1/19/05	14:11
Toluene	< 0.00017	mg/l	5249	1/20/05	1:16
Xylenes (Total)	< 0.00033	mg/l	5462	1/19/05	14:11
Xylenes (Total)	< 0.00033	mg/l	5249	1/20/05	1:16
Xylenes (Total)	< 0.00033	mg/l	5586	1/20/05	12:50
Methyl-t-butyl ether	< 0.00023	mg/l	5560	1/17/05	2:17
Methyl-t-butyl ether	< 0.00023	mg/l	5462	1/19/05	14:11
Methyl-t-butyl ether	< 0.00023	mg/l	5249	1/20/05	1:16
Ethanol	< 0.0307	mg/L	5560	1/17/05	2:17
Ethanol	< 0.0307	mg/L	5462	1/19/05	14:11
Ethanol	< 0.0307	mg/L	5249	1/20/05	1:16
Diisopropyl ether	< 0.00018	mg/l	5560	1/17/05	2:17
Diisopropyl ether	< 0.00018	mg/l	5462	1/19/05	14:11
Diisopropyl ether	< 0.00018	mg/l	5249	1/20/05	1:16
VOA Surr 1,2-DCA-d4	99.	% Rec	5462	1/19/05	14:11
VOA Surr 1,2-DCA-d4	94.	% Rec	5249	1/20/05	1:16
VOA Surr 1,2-DCA-d4	107.	% Rec	5586	1/20/05	12:50
VOA Surr Toluene-d8	101.	% Rec	5462	1/19/05	14:11
VOA Surr Toluene-d8	93.	% Rec	5249	1/20/05	1:16
VOA Surr Toluene-d8	101.	% Rec	5586	1/20/05	12:50
VOA Surr, 4-BFB	88.	% Rec	5462	1/19/05	14:11
VOA Surr, 4-BFB	98.	% Rec	5249	1/20/05	1:16
VOA Surr, 4-BFB	89.	% Rec	5586	1/20/05	12:50
VOA Surr, DBFM	93.	% Rec	5462	1/19/05	14:11
VOA Surr, DBFM	95.	% Rec	5249	1/20/05	1:16
VOA Surr, DBFM	94.	% Rec	5586	1/20/05	12:50

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 402843

ANALYTICAL TESTING CORPORATION

Nashville Division

402843

COOLER RECEIPT FORM

BC#

Client Name : ERI

Cooler Received/Opened On: 1/13/05 **Accessioned By:** James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 5 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where: 1 Front
3. Were custody seals on containers?..... 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:

    6298, 6380, 6368, 6184, 6390, 6379

    Fed-Ex UPS Velocity DHL 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 Division
2960 Foster Creight...
Nashville, TN 37204

402843

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N McDowell Blvd
City/State/Zip: Petaluma, CA
Project Manager James Chappell
Telephone Number: (707) 766-2090
ERI Job Number: 2101 1316600
Sampler Name: (Print) Vicki Burns, Dan Persons, David Daniels
Sampler Signature: Vicki Burns

ExxonMobil PM Jennifer Sedlachek
Telephone Number (510) 547-8196
Account #: 10228
PO #: 4204239069
Facility ID # 7-0277
Global ID# T0609700537
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California,

Shipping Method: ☐ Lab Courier ☐ Hand Deliver ☑ Commercial Express ☐ Other:

TAT: ☐ 24 hour ☐ 72 hour ☐ 48 hour ☐ 96 hour ☑ 8 day

PROVIDE: EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8260B	MTBE 8260B	Ethanol 8260B	Oxygenates 8260B					
MW5	1/10/05	1705			HCL	6/2	X			X	X	X	X	X	X		43	00		
MW6	1/10/05	1550			HCL	6/2	X			X	X	X	X	X	X			01		
MW7	1/10/05	1635			HCL	6/2	X			X	X	X	X	X	X			02		
MW8	1/10/05	1650			HCL	6/2	X			X	X	X	X	X	X			03		
MW9	1/10/05	1620			HCL	6/2	X			X	X	X	X	X	X			04		
MW10	1-11-05	1711			HCL	6/2	X			X	X	X	X	X	X			05		
MW11	1/10/05	1605			HCL	6/2	X			X	X	X	X	X	X			06		
MW12	1/10/05	1550			HCL	6/2	X			X	X	X	X	X	X			07		
MW13	1-11-05	1653			HCL	6/2	X			X	X	X	X	X	X			08		
MW15	1-11-05	1737			HCL	6/2	X			X	X	X	X	X	X			09		
MW16	1-11-05	1754			HCL	6/2	X			X	X	X	X	X	X			10		
MW17	1/10/05	1535			HCL	6/2	X			X	X	X	X	X	X		43	11		

Relinquished by: Vicki Burns Date 1-12-05 Time 1115
Received by: Time
Relinquished by: Date Time
Received by TestAmerica: Date 1/13/05 Time 800

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

CHAIN OF CUSTODY RECORD

Page ___ of ___

TestAmerica INCORPORATED

(615) 726-0177
Nashville Division
2960 Foster Creighton
Nashville, TN 37204

402843

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N McDowell Blvd
City/State/Zip: Petaluma, CA
Project Manager: James Chappell
Phone Number: (707) 766-2090
ERI Job Number: 2101 1316600
Sampler Name: (Print) Vbarns, dpursons, ddavids
Sampler Signature: Vicki Burns

ExxonMobil PM: Jennifer Sedlachek
Telephone Number: (510) 547-8196
Account #: 10228
PO #: 4204239069
Facility ID #: 7-0277
Global ID#: T0609700537
Site Address: 1101 Yulupa Avenue
City, State Zip: Santa Rosa, California,

Shipping Method: ☐ Lab Courier ☐ Hand Deliver ☑ Commercial Express ☐ Other:

TAT: ☐ 24 hour ☐ 72 hour ☐ 48 hour ☐ 96 hour ☑ 8 day

PROVIDE: EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8260B	MTBE 8260B	Ethanol 8260B	Oxygenates 8260B	VOCs 8260B	Oxygenates 524.2	BTEX 524.2	MTBE 524.2	HCL
MW18	1/10/05	1720			HCL	6/2	X			X	X	X	X	X	X		43	12		
MW19	1-11-05	1601			HCL	6/2	X			X	X	X	X	X	X			13		
MW5C		1622			HCL	6/2	X			X	X	X	X	X	X			14		
MW20A		1705			HCL	6/2	X			X	X	X	X	X	X			15		
MW20C		1720			HCL	6/2	X			X	X	X	X	X	X			16		
MW21A		1610			HCL	6/2	X			X	X	X	X	X	X			17		
MW21B		1625			HCL	6/2	X			X	X	X	X	X	X			18		
MW21C		1640			HCL	6/2	X			X	X	X	X	X	X			19		
MW22		1750			HCL	6/2	X			X	X	X	X	X	X			20		
QCBB		1580			HCL	3/1	X			X	X						43	21		X

Relinquished by: Vicki Burns Date 1-11-05 Time 1115

Received by: Date 1/13/05 Time 800

Relinquished by: Date Time

Received by TestAmerica: Time

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

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1/21/05

JAN 24 2005

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101 1300000.
Laboratory Project Number: 403309.

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	Collection Date
W-3725-EFF	05-A6335	1/13/05
W-3725-INT	05-A6336	1/13/05
W-3725-INF	05-A6337	1/13/05

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Roxanne L Connor

Report Date: 1/21/05

Johnny A. Mitchell, Lab Director
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 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A6335
Sample ID: W-3725-EFF
Sample Type: DRINKING WATER
Site ID: 7-0277

Project: 2101 1300000
Project Name: EXXONMOBIL 7-0277
Sampler: CARL MIKLICH

Date Collected: 1/13/05
Time Collected: 13:30
Date Received: 1/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
tert-amyl methyl ether	ND	ug/L	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
t-Butanol	ND	ug/l	10.0	1	1/21/05	13:33	C. Spry	524.2	6543
**Benzene	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
1,2-Dibromoethane	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
**1,2-Dichloroethane	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
**Ethylbenzene	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
**Toluene	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
**Xylenes, Total	ND	ug/l	1.00	1	1/21/05	13:33	C. Spry	524.2	6543
**Methyl-t-butyl ether	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543
Ethanol	ND	ug/L	50.0	1	1/18/05	19:13	A. Steimle	624	4005
Isopropylether	ND	ug/l	0.50	1	1/21/05	13:33	C. Spry	524.2	6543

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	102.	79. - 125.
VOA Surr 1,2-DCA-d4	107.	73. - 127.
VOA Surrogate, Toluene d8	121.	80. - 126.
VOA Surr Toluene-d8	103.	79. - 113.
VOA Surrogate, 4-Bromofluorobenzene	96.	80. - 145.
VOA Surr, 4-BFB	108.	79. - 125.
VOA Surrogate, Dibromofluoromethane	102.	79. - 138.
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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A6336
Sample ID: W-3725-INT
Sample Type: DRINKING WATER
Site ID: 7-0277

Project: 2101 1300000
Project Name: EXXONMOBIL 7-0277
Sampler: CARL MIKLICH

Date Collected: 1/13/05
Time Collected: 13:40
Date Received: 1/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
tert-amyl methyl ether	ND	ug/L	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
t-Butanol	ND	ug/l	10.0	1	1/21/05	13:52	C. Spry	524.2	6543
**Benzene	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
1,2-Dibromoethane	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
**1,2-Dichloroethane	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
**Ethylbenzene	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
**Toluene	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
**Xylenes, Total	ND	ug/l	1.00	1	1/21/05	13:52	C. Spry	524.2	6543
**Methyl-t-butyl ether	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543
Ethanol	ND	ug/L	50.0	1	1/18/05	19:43	A. Steimle	624	4005
Isopropylether	ND	ug/l	0.50	1	1/21/05	13:52	C. Spry	524.2	6543

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	104.	79. - 125.
VOA Surr 1,2-DCA-d4	100.	73. - 127.
VOA Surrogate, Toluene d8	118.	80. - 126.
VOA Surr Toluene-d8	105.	79. - 113.
VOA Surrogate, 4-Bromofluorobenzene	97.	80. - 145.
VOA Surr, 4-BFB	109.	79. - 125.
VOA Surrogate, Dibromofluoromethane	103.	79. - 138.
VOA Surr, DBFM	101.	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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A6337
Sample ID: W-3725-INF
Sample Type: DRINKING WATER
Site ID: 7-0277

Project: 2101 1300000
Project Name: EXXONMOBIL 7-0277
Sampler: CARL MIKLICH

Date Collected: 1/13/05
Time Collected: 13:50
Date Received: 1/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
tert-amyl methyl ether	ND	ug/L	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
t-Butanol	ND	ug/l	10.0	1	1/21/05	14:10	C. Spry	524.2	6543
**Benzene	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
1,2-Dibromoethane	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
**1,2-Dichloroethane	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
**Ethylbenzene	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
**Toluene	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
**Xylenes, Total	ND	ug/l	1.00	1	1/21/05	14:10	C. Spry	524.2	6543
**Methyl-t-butyl ether	0.90	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543
Ethanol	ND	ug/L	50.0	1	1/18/05	20:13	A. Steimle	624	4005
Isopropylether	ND	ug/l	0.50	1	1/21/05	14:10	C. Spry	524.2	6543

Surrogate	% Recovery	Target Range
VOA Surrogate, 1,2-Dichloroethane, d4	105.	79. - 125.
VOA Surr 1,2-DCA-d4	108.	73. - 127.
VOA Surrogate, Toluene d8	115.	80. - 126.
VOA Surr Toluene-d8	103.	79. - 113.
VOA Surrogate, 4-Bromofluorobenzene	96.	80. - 145.
VOA Surr, 4-BFB	108.	79. - 125.
VOA Surrogate, Dibromofluoromethane	103.	79. - 138.
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.
** = NELAC E87358 Certified Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 2101 1300000
Project Name: EXXONMOBIL 7-0277
Page: 1
Laboratory Receipt Date: 1/18/05

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
VOA PARAMETERS								
Benzene	mg/l	< 0.00030	0.0497	0.0500	99	70 - 130	6543	BLANK
Toluene	mg/l	< 0.00022	0.0505	0.0500	101	70 - 130	6543	BLANK
VOA Surrogate, 1,2-Dichloroe%hRec, d4					103	79 - 125	4005	
VOA Surr 1,2-DCA-d4	% Rec				96	73 - 127	6543	
VOA Surrogate, Toluene d8	% Rec				106	80 - 126	4005	
VOA Surr Toluene-d8	% Rec				100	79 - 113	6543	
VOA Surrogate, 4-Bromofluoro%eRecne					96	80 - 145	4005	
VOA Surr, 4-BFB	% Rec				104	79 - 125	6543	
VOA Surrogate, Dibromofluoro%eRecne					104	79 - 138	4005	
VOA Surr, DBFM	% Rec				101	75 - 134	6543	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/l	0.0497	0.0519	4.33	20.	6543
Toluene	mg/l	0.0505	0.0496	1.80	20.	6543
VOA Surr 1,2-DCA-d4	% Rec		102.			6543
VOA Surr Toluene-d8	% Rec		100.			6543
VOA Surr, 4-BFB	% Rec		101.			6543
VOA Surr, DBFM	% Rec		97.			6543

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch

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VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0513	103	69 - 142	6543
tert-amyl methyl ether	mg/L	0.0500	0.0535	107	70 - 141	6543
t-Butanol	mg/l	0.500	0.731	146 #	68 - 128	6543
Benzene	mg/l	0.0500	0.0487	97	70 - 130	6543
1,2-Dibromoethane	mg/l	0.0500	0.0519	104	70 - 130	6543
1,2-Dichloroethane	mg/l	0.0500	0.0469	94	70 - 130	6543
Ethylbenzene	mg/l	0.0500	0.0504	101	70 - 130	6543
Toluene	mg/l	0.0500	0.0494	99	70 - 130	6543
Xylenes, Total	mg/l	0.150	0.156	104	70 - 130	6543
Methyl-t-butyl ether	mg/l	0.0500	0.0500	100	70 - 130	6543
Ethanol	mg/L	5.00	3.86	77	65 - 133	4005
Isopropylether	mg/l	0.0500	0.0469	94	70 - 130	6543
VOA Surrogate, 1,2-Dichloroet	%aRec d4			100	79 - 125	4005
VOA Surr 1,2-DCA-d4	% Rec			92	73 - 127	6543
VOA Surrogate, Toluene d8	% Rec			105	80 - 126	4005
VOA Surr Toluene-d8	% Rec			100	79 - 113	6543
VOA Surrogate, 4-Bromofluorob	%nRece			99	80 - 145	4005
VOA Surr, 4-BFB	% Rec			104	79 - 125	6543
VOA Surrogate, Dibromofluorom	%tRece			103	79 - 138	4005
VOA Surr, DBFM	% Rec			101	75 - 134	6543

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
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00010	mg/l	6543	1/21/05	7:10
tert-amyl methyl ether	< 0.00019	mg/L	6543	1/21/05	7:10
t-Butanol	< 0.0100	mg/l	6543	1/21/05	7:10
Benzene	< 0.00030	mg/l	6543	1/21/05	7:10
1,2-Dibromoethane	< 0.00018	mg/l	6543	1/21/05	7:10

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PROJECT QUALITY CONTROL DATA
Project Number: 2101 1300000
Project Name: EXXONMOBIL 7-0277
Page: 3
Laboratory Receipt Date: 1/18/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dichloroethane	< 0.00006	mg/l	6543	1/21/05	7:10
Ethylbenzene	< 0.00022	mg/l	6543	1/21/05	7:10
Toluene	< 0.00022	mg/l	6543	1/21/05	7:10
Xylenes, Total	< 0.00033	mg/l	6543	1/21/05	7:10
Methyl-t-butyl ether	< 0.00024	mg/l	6543	1/21/05	7:10
Ethanol	< 0.0138	mg/L	4005	1/18/05	13:48
Isopropylether	< 0.00005	mg/l	6543	1/21/05	7:10
VOA Surrogate, 1,2-Dichloroethane, d4	111.	% Rec	4005	1/18/05	13:48
VOA Surr 1,2-DCA-d4	107.	% Rec	6543	1/21/05	7:10
VOA Surrogate, Toluene d8	101.	% Rec	4005	1/18/05	13:48
VOA Surr Toluene-d8	104.	% Rec	6543	1/21/05	7:10
VOA Surrogate, 4-Bromofluorobenzene	97.	% Rec	4005	1/18/05	13:48
VOA Surr, 4-BFB	107.	% Rec	6543	1/21/05	7:10
VOA Surrogate, Dibromofluoromethane	112.	% Rec	4005	1/18/05	13:48
VOA Surr, DBFM	96.	% Rec	6543	1/21/05	7:10

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 403309

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

403309

COOLER RECEIPT FORM **BC#**

Client Name : ERI

Cooler Received/Opened On: 1/18/05 **Accessioned By:** Shawn Gracey

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.8 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many, and where:_____
3. Were custody seals on containers?..... 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:
    6493
    Fed-Ex UPS Velocity DHL Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

CHAIN OF CUSTODY RECORD

2101 11X

TestAmerica INCORPORATED

(615) 726-0177
Nashville Division
2960 Foster Creighton
Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N McDowell Blvd
City/State/Zip: Petaluma, CA
Project Manager James Chappell
Telephone Number: (707) 766-2090
ERI Job Number: 2101 1300000
Sampler Name: (Print) CHAS MOHLICH
Sampler Signature:

ExxonMobil PM Jennifer Sedlachek
Telephone Number (510) 547-8198
Account #: 10228
PO #: 4504239069
Facility ID # 7-0277
Global ID# T0609700537
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California,

403309

Shipping Method: ☐ Lab Courier ☐ Hand Deliver ☑ Commercial Express ☐ Other:

TAT: ☑ 24 hour (no) ☐ 72 hour ☐ 48 hour ☐ 96 hour ☒ 8 day

PROVIDE: EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Water	Soil	Vapor	TPHd 8015B	TPHg 8015B	BTEX 8021B	MTBE 8021B	confirm mtbe 8260B	Oxygenates 8260B	Ethanol 524.2	Oxygenates 524.2	BTEX 524.2	MTBE 524.2
W-3725-EFF 6335	1-13-05	1330			HCL	6	X									X	X	X	X
W-3725-INT 36	1-13-05	1340			HCL	6	X									X	X	X	X
W-3725-INF 6337	1-13-05	1350			HCL	6	X									X	X	X	X

Relinquished by: CAE Date 1-14-05 Time 0900 Received by: 1-14-05 Time 1345

Relinquished by: EM Date 1/17/05 Time 1300 Received by TestAmerica 1/18/05 Time 0950

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

Sequoia Analytical

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

25 January, 2005

James Chappell
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

JAN 25 2005

RE: Former Exxon 7-0277
Work Order: MOA0419

Enclosed are the results of analyses for samples received by the laboratory on 01/15/05 08:30. The samples arrived at a temperature of C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes

Leticia Reyes
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MOA0419 **Reported:** 01/25/05 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
A-EFF	MOA0419-01	Air	01/13/05 14:00	01/15/05 08:30
A-INT	MOA0419-02	Air	01/13/05 14:05	01/15/05 08:30
A-INF	MOA0419-03	Air	01/13/05 14:10	01/15/05 08:30

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0277	MOA0419
601 North McDowell Blvd.	Project Number: 7-0277	Reported:
Petaluma CA, 94954	Project Manager: James Chappell	01/25/05 13:22

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-EFF (MOA0419-01) Air Sampled: 01/13/05 14:00 Received: 01/15/05 08:30									**HT-09**
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air	1	5A19001	01/19/05	01/19/05	EPA 8015B/8021B	
Benzene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83 %*	*70-125*		"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv	"	"	"	"	"	
Benzene	ND	0.031	"	"	"	"	"	"	
Toluene	ND	0.027	"	"	"	"	"	"	
Ethylbenzene	ND	0.023	"	"	"	"	"	"	
Xylenes (total)	ND	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83 %*	*70-125*		"	"	"	"	
A-INT (MOA0419-02) Air Sampled: 01/13/05 14:05 Received: 01/15/05 08:30									**HT-09**
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air	1	5A19001	01/19/05	01/19/05	EPA 8015B/8021B	
Benzene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*70-125*		"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv	"	"	"	"	"	
Benzene	ND	0.031	"	"	"	"	"	"	
Toluene	ND	0.027	"	"	"	"	"	"	
Ethylbenzene	ND	0.023	"	"	"	"	"	"	
Xylenes (total)	ND	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*70-125*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0277	MOA0419
601 North McDowell Blvd.	Project Number: 7-0277	**Reported:**
Petaluma CA, 94954	Project Manager: James Chappell	01/25/05 13:22

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-INF (MOA0419-03) Air Sampled: 01/13/05 14:10 Received: 01/15/05 08:30									**HT-09**
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air	1	5A19001	01/19/05	01/19/05	EPA 8015B/8021B	
Benzene	ND	0.10	"	"	"	"	"	"	
Toluene	ND	0.10	"	"	"	"	"	"	
Ethylbenzene	ND	0.10	"	"	"	"	"	"	
Xylenes (total)	ND	0.20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*70-125*		"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv	"	"	"	"	"	
Benzene	ND	0.031	"	"	"	"	"	"	
Toluene	ND	0.027	"	"	"	"	"	"	
Ethylbenzene	ND	0.023	"	"	"	"	"	"	
Xylenes (total)	ND	0.047	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.14	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*65-140*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*70-125*		"	"	"	"	

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MOA0419 **Reported:** 01/25/05 13:22

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A19001 - EPA 5030B [P/T]										
Blank (5A19001-BLK1)				Prepared & Analyzed: 01/19/05						
Gasoline Range Organics (C4-C12)	ND	2.4	ppmv							
Gasoline Range Organics (C4-C12)	ND	10	mg/m³ Air							
Benzene	ND	0.0155	ppmv							
Benzene	ND	0.05	mg/m³ Air							
Toluene	ND	0.0135	ppmv							
Toluene	ND	0.05	mg/m³ Air							
Ethylbenzene	ND	0.0115	ppmv							
Ethylbenzene	ND	0.05	mg/m³ Air							
Xylenes (total)	ND	0.0235	ppmv							
Xylenes (total)	ND	0.1	mg/m³ Air							
Methyl tert-butyl ether	ND	0.07	ppmv							
Methyl tert-butyl ether	ND	0.25	mg/m³ Air							
Surrogate: a,a,a-Trifluorotoluene	*1.49*		*ppmv*	*1.34*		*111*	*65-140*			
Surrogate: a,a,a-Trifluorotoluene	*8.91*		*mg/m³ Air*	*8.00*		*111*	*65-140*			
Surrogate: 4-Bromofluorobenzene	*7.80*		*"*	*8.00*		*98*	*70-125*			
Surrogate: 4-Bromofluorobenzene	*1.09*		*ppmv*	*1.12*		*97*	*70-125*			
LCS (5A19001-BS2)				Prepared & Analyzed: 01/19/05						
Gasoline Range Organics (C4-C12)	50.4	10	mg/m³ Air	55.0		92	70-115			
Gasoline Range Organics (C4-C12)	14.3	2.4	ppmv	15.6		92	70-115			
Benzene	1.15	0.10	mg/m³ Air	0.800		144	80-150			
Benzene	0.360	0.031	ppmv	0.251		143	80-150			
Toluene	1.05	0.027	"	1.06		99	75-125			
Toluene	3.93	0.10	mg/m³ Air	4.00		98	75-125			
Ethylbenzene	0.930	0.10	"	0.940		99	75-135			
Ethylbenzene	0.215	0.023	ppmv	0.217		99	75-135			
Xylenes (total)	1.03	0.047	"	1.05		98	75-135			
Xylenes (total)	4.48	0.20	mg/m³ Air	4.56		98	75-135			
Methyl tert-butyl ether	1.22	0.50	"	1.24		98	60-140			
Methyl tert-butyl ether	0.339	0.14	ppmv	0.345		98	60-140			

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Environmental Resolutions (Exxon)	Project: Former Exxon 7-0277	MOA0419
601 North McDowell Blvd.	Project Number: 7-0277	**Reported:**
Petaluma CA, 94954	Project Manager: James Chappell	01/25/05 13:22

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A19001 - EPA 5030B [P/T]										
LCS (5A19001-BS2)				Prepared & Analyzed: 01/19/05						
Surrogate: a,a,a-Trifluorotoluene	*1.37*		*ppmv*	*1.34*		*102*	*65-140*			
Surrogate: a,a,a-Trifluorotoluene	*8.18*		*mg/m³ Air*	*8.00*		*102*	*65-140*			
Surrogate: 4-Bromofluorobenzene	*8.31*		*"*	*8.00*		*104*	*70-125*			
Surrogate: 4-Bromofluorobenzene	*1.16*		*ppmv*	*1.12*		*104*	*70-125*			
LCS Dup (5A19001-BSD2)				Prepared & Analyzed: 01/19/05						
Gasoline Range Organics (C4-C12)	15.9	2.4	ppmv	15.6		102	70-115	11	35	
Gasoline Range Organics (C4-C12)	55.9	10	mg/m³ Air	55.0		102	70-115	10	35	
Benzene	0.343	0.031	ppmv	0.251		137	80-150	5	35	
Benzene	1.09	0.10	mg/m³ Air	0.800		136	80-150	5	35	
Toluene	1.02	0.027	ppmv	1.06		96	75-125	3	30	
Toluene	3.82	0.10	mg/m³ Air	4.00		96	75-125	3	30	
Ethylbenzene	0.216	0.023	ppmv	0.217		100	75-135	0.5	30	
Ethylbenzene	0.938	0.10	mg/m³ Air	0.940		100	75-135	0.9	30	
Xylenes (total)	1.06	0.047	ppmv	1.05		101	75-135	3	30	
Xylenes (total)	4.60	0.20	mg/m³ Air	4.56		101	75-135	3	30	
Methyl tert-butyl ether	0.316	0.14	ppmv	0.345		92	60-140	7	30	
Methyl tert-butyl ether	1.14	0.50	mg/m³ Air	1.24		92	60-140	7	30	
Surrogate: a,a,a-Trifluorotoluene	*7.84*		*"*	*8.00*		*98*	*65-140*			
Surrogate: a,a,a-Trifluorotoluene	*1.31*		*ppmv*	*1.34*		*98*	*65-140*			
Surrogate: 4-Bromofluorobenzene	*1.19*		*"*	*1.12*		*106*	*70-125*			
Surrogate: 4-Bromofluorobenzene	*8.52*		*mg/m³ Air*	*8.00*		*106*	*70-125*			

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(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-0277 Project Number: 7-0277 Project Manager: James Chappell	MOA0419 **Reported:** 01/25/05 13:22

Notes and Definitions

HT-09	The sample was analyzed beyond the industry standard recommended holding time. There is no EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

2101.01X

SEQUOIA ANALYTICAL

CHAIN OF CUSTODY

MORGAN HILL
LATONYA PELT, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
Jim Chappell, Prjct Mngr 707-766-2090
Corey Weiand, Engineer 707-766-2028

CONSULTANT NAME ERI
ADDRESS 601 No. McDowell Blvd., Petaluma, CA 94954
CITY / STATE / ZIP NOVATO, CA 94949
CONTACT COREY WEIAND
PHONE 1-707-766-2000
FAX 1-707-789-0414
SAMPLER CARL W. MILLIGAN
SAMPLER SIGNATURE

PROJECT FORMER EXXON 7-0277, 1101 Yulupa Ave Santa Rosa
P.O.# 4504239016
PROJECT MGR. Jim Chappell
EXXONMOBIL TM JENNIFER SEDLACHEK (510) 547-8196
QC DATA LEVEL II (STANDARD)
DRINKING WATER
WASTE WATER
OTHER X

MOA-0419

ANALYSES REQUESTED

SAMPLE ID	DATE	TIME	# CONT	MATRIX	PRESERVATIVE	TPHg / BTEX / MtBE 8015 / 8020							24 HR TAT	10 DAY TAT
A-EFF	1-13-05	1400	1	AIR	01	X								X
A-INT		1405	1	AIR	02	X								X
A-INF		1410	1	AIR	03	X								X

RELINQUISHED BY: DATE 1-14-05 TIME 0800 RECEIVED BY: DATE 1-14-05 TIME 1345
RELINQUISHED BY: DATE TIME RECEIVED BY: DATE 01/15/05 TIME 830

TEMP SAMPLE CONTAINERS INTACT? Y N VOA'S FREE OF HEADSPACE? Y N

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: [illegible]
REC. BY (PRINT): [illegible]
WORKORDER: M0A0419

DATE REC'D AT LAB: 01/15/05
TIME REC'D AT LAB: 830
DATE LOGGED IN: 01/15/05

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*	01	A	A-OFF	Ledgr Bag	—	—	A	01/13/05	
2. Chain-of-Custody Present / Absent*	02		-INT						
3. Traffic Reports or Packing List: Present / Absent	03		-INF						
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #: 1Z0010049175311 2									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper Preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) N/A Yes / No*									
14. Temp Rec. at Lab: Is temp 4 +/-2°C? — Yes / No**									

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

01/15/05

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 6
Replaces Rev 5 (06/07/04)
Effective 07/13/04

Page ____ of ____

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ANALYTICAL TESTING CORPORATION

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800-765-0980 • 615-726-3404 Fax

RECEIVED
FEB 28 2005
BY:

2/21/05

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101-11X.
Laboratory Project Number: 406214.

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	Collection Date
A-INF	05-A20352	2/10/05
A-INT	05-A20353	2/10/05
A-EFF	05-A20354	2/10/05

TestAmerica
ANALYTICAL TESTING CORPORATION

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Pamela A. Langford Report Date: 2/21/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A20352
Sample ID: A-INF
Sample Type: Air
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN
Media:

Date Collected: 2/10/05
Time Collected: 16:30
Date Received: 2/14/05
Time Received: 8:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	< 0.508	< 0.133	1.	2/16/05	14:19	C.Johnson	EPA- 18M
Benzene	< 0.508	< 0.156	1.	2/16/05	14:19	C.Johnson	EPA- 18M
Ethyl benzene	< 0.508	< 0.115	1.	2/16/05	14:19	C.Johnson	EPA- 18M
Xylene	< 1.52	< 0.344	1.	2/16/05	14:19	C.Johnson	EPA- 18M
Methyl-t-butyl ether	< 0.508	< 0.139	1.	2/16/05	14:19	C.Johnson	EPA- 18M
TRPH Lo >C4-C10	< 10.2	< 2.45	1.	2/16/05	14:19	C.Johnson	EPA-18M

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.
** = NELAC E87358 Certified Analyte

End of Sample Report.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A20353
Sample ID: A-INT
Sample Type: Air
Site ID: 7-0277

Date Collected: 2/10/05
Time Collected: 16:15
Date Received: 2/14/05
Time Received: 8:00

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN
Media:

Analyte	Result	Units	Report Limit	Date	Time	Analyst	Method	Batch

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.
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End of Sample Report.

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A20354
Sample ID: A-EFF
Sample Type: Air
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN
Media:

Date Collected: 2/10/05
Time Collected: 16:00
Date Received: 2/14/05
Time Received: 8:00

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	< 0.508	< 0.133	1.	2/16/05	14:48	C.Johnson	EPA- 18M
Benzene	< 0.508	< 0.156	1.	2/16/05	14:48	C.Johnson	EPA- 18M
Ethyl benzene	< 0.508	< 0.115	1.	2/16/05	14:48	C.Johnson	EPA- 18M
Xylene	< 1.52	< 0.344	1.	2/16/05	14:48	C.Johnson	EPA- 18M
Methyl-t-butyl ether	1.62	0.442	1.	2/16/05	14:48	C.Johnson	EPA- 18M
TRPH Lo >C4-C10	< 10.2	< 2.45	1.	2/16/05	14:48	C.Johnson	EPA-18M

LABORATORY COMMENTS:
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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.
** = NELAC E87358 Certified Analyte

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 1
Laboratory Receipt Date: 2/14/05

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
MISC PARAMETERS								
Toluene	mg/m3	1.73	39.8	38.1	100	70. - 130.	8198	05-A20348
Benzene	mg/m3	5.69	37.8	32.3	99	70. - 130.	8198	05-A20348
Xylene	mg/m3	< 1.52	137.	132.	104	70. - 130.	8198	05-A20348
Ethyl benzene	mg/m3	< 0.508	45.5	43.9	104	70. - 130.	8198	05-A20348
Methyl-t-butyl ether	mg/m3	13.5	52.2	26.4	147#	70. - 130.	8198	05-A20348
TRPH Lo >C4-C10	mg/m3	70.3	461.	417.	94	70. - 130.	8198	05-A20348

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 2
Laboratory Receipt Date: 2/14/05

MISC PARAMETERS						
Toluene	mg/m3	19.0	18.6	98	70 - 130	8198
Benzene	mg/m3	16.1	16.1	100	70 - 130	8198
Xylene	mg/m3	65.8	67.2	102	70 - 130	8198
Ethyl benzene	mg/m3	21.9	22.3	102	70 - 130	8198
Methyl-t-butyl ether	mg/m3	18.2	17.8	98	70 - 130	8198
TRPH Lo >C4-C10	mg/m3	209.	198.	95	70 - 130	8198

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Toluene	mg/m3	1.73	1.73	0.00	15.	8198	05-A20348
Benzene	mg/m3	5.69	5.08	11.33	15.	8198	05-A20348
Xylene	mg/m3	< 1.52	< 1.52	N/A	15.	8198	05-A20348
Ethyl benzene	mg/m3	< 0.508	< 0.508	N/A	15.	8198	05-A20348
Methyl-t-butyl ether	mg/m3	13.5	12.6	6.90	15.	8198	05-A20348
TRPH Lo >C4-C10	mg/m3	70.3	64.6	8.45	15.	8198	05-A20348

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
MISC PARAMETERS					
Toluene	< 0.508	mg/m3	8198	2/15/05	15:07
Benzene	< 0.508	mg/m3	8198	2/15/05	15:07
Xylene	< 1.52	mg/m3	8198	2/15/05	15:07
Ethyl benzene	< 0.508	mg/m3	8198	2/15/05	15:07
Methyl-t-butyl ether	< 0.508	mg/m3	8198	2/15/05	15:07
TRPH Lo >C4-C10	< 10.2	mg/m3	8198	2/15/05	15:07

Project QC continued . . .

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ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 3
Laboratory Receipt Date: 2/14/05

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 406214

TestAmerica INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	chris johnson	**Phone:**	707-766-2000	NC Closed	☐
Client Name:	ERI - NORTHERN	**Sample Range:**	05a-20353	Date Closed	2/22/2005
Client Contact:		**SDG:**	406214		
Client Account:	10228	**Analyst:**	chris johnson		
Date Created:	2/16/2005	**Supervisor:**	Shakir Wani		
NC #:		**NC Type:**			
Project Name:	7-0277	**Terminal Manager:**	JENNIFER SEDLACHEK		
Project Number:					
Project Origin					
Regulatory :					

Process:: Analysis not able to be performed: See Comment Section

Action: Client Notified

Corrected By: leah klingensmith

Closed: ☑ Lklingensmith

Comments:

Comment added by: Lklingensmith on 2/23/2005 7:57:17 AM
Process Closed without Comment

****

Comment added by: Pbuckingham on 2/22/2005 11:29:26 AM
NC closed with out comments

****

Comment added by: sduncan on 2/22/2005 10:44:58 AM
A voicemail was left for Jim Chappell concerning the receipt of the air bag.

****

sample 05-a20353 requesting EPA-18; teflar bag received empty. Cannot analyze.

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** 406214

Client Name : ERI

Cooler Received/Opened On: 2/14/05 **Accessioned By:** Mike McBride

Log-in Personnel Signature

1. Temperature of Cooler when triaged: N/A Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where:_____
3. Were custody seals on containers?..... 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:
    7147
    Fed-Ex UPS Velocity DHL Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

406214

#10228

CHAIN OF CUSTODY RECORD

Page ____ of ____

TestAmerica INCORPORATED
(615) 726-0177
Nashville Division
2960 Foster Creighton
Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell
City/State/Zip: Petaluma, CA 94954
Project Manager James Chappell
Telephone Number: 1-707-766-2000
ERI Job Number: 2101-11X
Sampler Name: (Print) Jon Herman
Sampler Signature: Jon Herman

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number 510-547-8196
Account #:
PO #: 4505885615
Facility ID # 7-0277
Global ID#
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California

TAT
- [ ] 24 hour
- [ ] 72 hour
- [ ] 48 hour
- [ ] 96 hour
- [x] 8 day

PROVIDE:
EDF Report
FAX Results

Special Instructions:
* Include MTBE

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor		EPA 18*									
A-INF	2/10/05	1630		X	NONE	1-1L			X		X					65A	20352			
A-INT	"	1615		X	NONE	1-1L			X		X						1	53		
A-EFF	"	1600		X	NONE	1-1L			X		X						20354			

Relinquished by: J Herman Date 2/11/05 Time 900 Received by: Time

Relinquished by: Date Time Received by TestAmerica: Time 2-14-05 0800

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

TestAmerica
ANALYTICAL TESTING CORPORATION

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3/15/05

MAR 16 2005

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101-11X.
Laboratory Project Number: 408442.

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	Collection Date
A-INF	05-A31795	3/ 3/05
A-INT	05-A31796	3/ 3/05
A-EFF	05-A31797	3/ 3/05

TestAmerica
ANALYTICAL TESTING CORPORATION

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Roxanne L Connor Report Date: 3/15/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manage
Mark Hollingsworth, Director of Project

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A31795
Sample ID: A-INF
Sample Type: Air bag
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 15:00
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	4.37	1.14	1.	3/10/05	22:04	C.Johnson	EPA- 18M
Benzene	6.40	1.97	1.	3/10/05	22:04	C.Johnson	EPA- 18M
Ethyl benzene	1.42	0.322	1.	3/10/05	22:04	C.Johnson	EPA- 18M
Xylene	8.12	1.84	1.	3/10/05	22:04	C.Johnson	EPA- 18M
Methyl-t-butyl ether	4.26	1.16	1.	3/10/05	22:04	C.Johnson	EPA- 18M
TRPH Lo >C4-C10	73.6	17.7	1.	3/10/05	22:04	C.Johnson	EPA-18M

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.
** = NELAC E87358 Certified Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION
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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A31796
Sample ID: A-INT
Sample Type: Air bag
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 14:30
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	< 0.508	< 0.133	1.	3/10/05	22:33	C.Johnson	EPA- 18M
Benzene	< 0.508	< 0.156	1.	3/10/05	22:33	C.Johnson	EPA- 18M
Ethyl benzene	< 0.508	< 0.115	1.	3/10/05	22:33	C.Johnson	EPA- 18M
Xylene	< 1.52	< 0.344	1.	3/10/05	22:33	C.Johnson	EPA- 18M
Methyl-t-butyl ether	< 0.508	< 0.139	1.	3/10/05	22:33	C.Johnson	EPA- 18M
TRPH Lo >C4-C10	< 10.2	< 2.45	1.	3/10/05	22:33	C.Johnson	EPA-18M

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.
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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A31797
Sample ID: A-EFF
Sample Type: Air bag
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 14:00
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result mg/m3	Result PPMV	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Toluene	< 0.508	< 0.133	1.	3/10/05	23:02	C.Johnson	EPA- 18M
Benzene	< 0.508	< 0.156	1.	3/10/05	23:02	C.Johnson	EPA- 18M
Ethyl benzene	< 0.508	< 0.115	1.	3/10/05	23:02	C.Johnson	EPA- 18M
Xylene	< 1.52	< 0.344	1.	3/10/05	23:02	C.Johnson	EPA- 18M
Methyl-t-butyl ether	< 0.508	< 0.139	1.	3/10/05	23:02	C.Johnson	EPA- 18M
TRPH Lo >C4-C10	< 10.2	< 2.45	1.	3/10/05	23:02	C.Johnson	EPA-18M

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.
** = NELAC E87358 Certified Analyte

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 1
Laboratory Receipt Date: 3/ 8/05

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
MISC PARAMETERS								
Toluene	mg/m3	< 0.508	42.4	38.1	111	70. - 130.	325	05-A31785
Benzene	mg/m3	1.22	35.9	32.3	107	70. - 130.	325	05-A31785
Xylene	mg/m3	< 1.52	148.	132.	112	70. - 130.	325	05-A31785
Ethyl benzene	mg/m3	< 0.508	48.9	43.9	111	70. - 130.	325	05-A31785
Methyl-t-butyl ether	mg/m3	0.914	41.4	36.4	111	70. - 130.	325	05-A31785
TRPH Lo >C4-C10	mg/m3	< 10.2	464.	417.	111	70. - 130.	325	05-A31785

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
MISC PARAMETERS						
Toluene	mg/m3	19.0	20.7	109	70 - 130	325
Benzene	mg/m3	16.1	17.8	111	70 - 130	325
Xylene	mg/m3	65.8	71.1	108	70 - 130	325
Ethyl benzene	mg/m3	21.9	23.7	108	70 - 130	325
Methyl-t-butyl ether	mg/m3	18.2	19.8	109	70 - 130	325
TRPH Lo >C4-C10	mg/m3	209.	221.	106	70 - 130	325

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 2
Laboratory Receipt Date: 3/ 8/05

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Toluene	mg/m3	< 0.508	< 0.508	N/A	15.	325	05-A31785
Benzene	mg/m3	1.22	2.13	54.33 #	15.	325	05-A31785
Xylene	mg/m3	< 1.52	< 1.52	N/A	15.	325	05-A31785
Ethyl benzene	mg/m3	< 0.508	< 0.508	N/A	15.	325	05-A31785
Methyl-t-butyl ether	mg/m3	0.914	1.52	49.79 #	15.	325	05-A31785
TRPH Lo >C4-C10	mg/m3	< 10.2	< 10.2	N/A	15.	325	05-A31785

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
MISC PARAMETERS					
Toluene	< 0.508	mg/m3	325	3/10/05	19:11
Benzene	< 0.508	mg/m3	325	3/10/05	19:11
Xylene	< 1.52	mg/m3	325	3/10/05	19:11
Ethyl benzene	< 0.508	mg/m3	325	3/10/05	19:11
Methyl-t-butyl ether	< 0.508	mg/m3	325	3/10/05	19:11
TRPH Lo >C4-C10	< 10.2	mg/m3	325	3/10/05	19:11

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 408442

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM **BC#** 408442

Client Name : ERI

Cooler Received/Opened On: 3/8/05 Accessioned By: James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: N/A Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where:_____
3. Were custody seals on containers?..... 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:

    7776

    Fed-Ex UPS Velocity DHL 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 Division
2960 Foster Creighton
Nashville, TN 37204

408442

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell
City/State/Zip: Petaluma, CA 94954
Project Manager James Chappell
Telephone Number: 1-707-766-2000
ERI Job Number: 2101-11X
Sampler Name: (Print) Jim Herman
Sampler Signature: Jim Herman

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number 510-547-8196
Account #:
PO #: 4505885615
Facility ID # 7-0277
Global ID#
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California

TAT
- ☐ 24 hour
- ☐ 72 hour
- ☐ 48 hour
- ☐ 96 hour
- ☑ 8 day

PROVIDE:
- EDF Report
- FAX Results

Special Instructions:
* Include MTBE

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Matrix: Soil	Matrix: Vapor	Analyze For:											
											EPA 18*										
A-INF	3/3/05	1500		X	NONE	1-1L			X		X			31295							
A-INT	"	1430		X	NONE	1-1L			X		X			31296							
A-EFF	"	1400		X	NONE	1-1L			X		X			31297							

Relinquished by: Jim Herman Date 3/7/05 Time 1100 Received by: Time

Relinquished by: Date Time Received by TestAmerica: 3/8/05 Time 250

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

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FEB 2 2 2005

2/21/05

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101-11X.
Laboratory Project Number: 406665.

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	Collection Date
W-INF	05-A22671	2/17/05
W-INT 1	05-A22672	2/17/05
W-INT 2	05-A22673	2/17/05
W-EFF	05-A22674	2/17/05

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Pamela A. Langford Report Date: 2/21/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manage
Mark Hollingsworth, Director of Project

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A22671
Sample ID: W-INF
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 2/17/05
Time Collected: 13:30
Date Received: 2/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	2/18/05	21:28	A. Cobbs	8015B	9902
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Acetone	ND	ug/l	50.0	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Benzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Bromobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Bromochloromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Bromoform	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Bromomethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**2-Butanone	ND	ug/l	25.0	1.0	2/19/05	1:43	A. Steimle	8260B	912
**n-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**sec-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**tert-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Carbon disulfide	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Carbon tetrachloride	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Chlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Chloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Chloroform	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Chloromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**2-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**4-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Dibromochloromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Dibromomethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22671
Sample ID: W-INF

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Ethylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**2-Hexanone	ND	ug/l	10.0	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Isopropylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Methylene chloride	ND	ug/l	2.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Naphthalene	ND	ug/l	2.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**n-Propylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Styrene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Tetrachloroethene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Toluene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Trichloroethene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Vinyl chloride	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Xylenes (Total)	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Bromodichloromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Methyl-t-butyl ether	1.60	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260B	912
**Diisopropyl ether	ND	ug/l	0.50	1.0	2/19/05	1:43	A. Steimle	8260/SA05-77	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22671
Sample ID: W-INF

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	91.	69. - 132.
VOA Surr 1,2-DCA-d4	107.	73. - 127.
VOA Surr Toluene-d8	102.	79. - 113.
VOA Surr, 4-BFB	106.	79. - 125.
VOA Surr, DBFM	103.	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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL TESTING CORPORATION
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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A22672
Sample ID: W-INT 1
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 2/17/05
Time Collected: 13:20
Date Received: 2/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	2/18/05	22:00	A. Cobbs	8015B	9902
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Acetone	ND	ug/l	50.0	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Benzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Bromobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Bromochloromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Bromoform	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Bromomethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**2-Butanone	ND	ug/l	25.0	1.0	2/19/05	2:07	A. Steimle	8260B	912
**n-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**sec-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**tert-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Carbon disulfide	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Carbon tetrachloride	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Chlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Chloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Chloroform	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Chloromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**2-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**4-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Dibromochloromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Dibromomethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22672
Sample ID: W-INT 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Ethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**2-Hexanone	ND	ug/l	10.0	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Isopropylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Methylene chloride	ND	ug/l	2.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Naphthalene	ND	ug/l	2.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**n-Propylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Styrene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Tetrachloroethene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Toluene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Trichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Vinyl chloride	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Xylenes (Total)	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Bromodichloromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Methyl-t-butyl ether	1.10	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260B	912
**Diisopropyl ether	ND	ug/l	0.50	1.0	2/19/05	2:07	A. Steimle	8260/SA05-77	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22672
Sample ID: W-INT 1

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	90.	69. - 132.
VOA Surr 1,2-DCA-d4	107.	73. - 127.
VOA Surr Toluene-d8	102.	79. - 113.
VOA Surr, 4-BFB	106.	79. - 125.
VOA Surr, DBFM	102.	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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A22673
Sample ID: W-INT 2
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 2/17/05
Time Collected: 13:10
Date Received: 2/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	2/18/05	22:31	A. Cobbs	8015B	9902
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Acetone	ND	ug/l	50.0	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Benzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Bromobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Bromochloromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Bromoform	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Bromomethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**2-Butanone	ND	ug/l	25.0	1.0	2/19/05	2:30	A. Steimle	8260B	912
**n-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**sec-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**tert-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Carbon disulfide	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Carbon tetrachloride	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Chlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Chloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Chloroform	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Chloromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**2-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**4-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Dibromochloromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Dibromomethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22673
Sample ID: W-INT 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Ethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**2-Hexanone	ND	ug/l	10.0	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Isopropylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Methylene chloride	ND	ug/l	2.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Naphthalene	ND	ug/l	2.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**n-Propylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Styrene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Tetrachloroethene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Toluene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Trichloroethene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Vinyl chloride	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Xylenes (Total)	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Bromodichloromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260B	912
**Diisopropyl ether	ND	ug/l	0.50	1.0	2/19/05	2:30	A. Steimle	8260/SA05-77	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22673
Sample ID: W-INT 2

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	90.	69. - 132.
VOA Surr 1,2-DCA-d4	107.	73. - 127.
VOA Surr Toluene-d8	102.	79. - 113.
VOA Surr, 4-BFB	106.	79. - 125.
VOA Surr, DBFM	103.	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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A22674
Sample ID: W-EFF
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler:

Date Collected: 2/17/05
Time Collected: 13:00
Date Received: 2/18/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	2/18/05	23:03	A. Cobbs	8015B	9902
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Acetone	ND	ug/l	50.0	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Benzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Bromobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Bromochloromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Bromoform	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Bromomethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**2-Butanone	ND	ug/l	25.0	1.0	2/19/05	7:10	A. Steimle	8260B	912
**n-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**sec-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**tert-Butylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Carbon disulfide	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Carbon tetrachloride	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Chlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Chloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Chloroform	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Chloromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**2-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**4-Chlorotoluene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Dibromochloromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Dibromomethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22674
Sample ID: W-EFF

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Ethylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**2-Hexanone	ND	ug/l	10.0	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Isopropylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Methylene chloride	ND	ug/l	2.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Naphthalene	ND	ug/l	2.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**n-Propylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Styrene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Tetrachloroethene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Toluene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Trichloroethene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Vinyl chloride	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Xylenes (Total)	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Bromodichloromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260B	912
**Diisopropyl ether	ND	ug/l	0.50	1.0	2/19/05	7:10	A. Steimle	8260/SA05-77	912

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ANALYTICAL REPORT

Laboratory Number: 05-A22674
Sample ID: W-EFF

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	90.	69. - 132.
VOA Surr 1,2-DCA-d4	108.	73. - 127.
VOA Surr Toluene-d8	102.	79. - 113.
VOA Surr, 4-BFB	107.	79. - 125.
VOA Surr, DBFM	104.	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.
** = NELAC E87358 Certified Analyte

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PROJECT QUALITY CONTROL DATA
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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								
TPH (Gasoline Range)	mg/l	< 0.0500	0.850	1.00	85	43. - 150.	9902	05-A22671
BTEX/GRO Surr., a,a,a-TFT	% Recovery				148	69 - 132	9902	
VOA PARAMETERS								
Benzene	mg/l	< 0.00050	0.0544	0.0500	109	62 - 143	912	22675
Chlorobenzene	mg/l	< 0.00050	0.0510	0.0500	102	63 - 142	912	22675
1,1-Dichloroethene	mg/l	< 0.00050	0.0598	0.0500	120	62 - 152	912	22675
Toluene	mg/l	< 0.00050	0.0514	0.0500	103	63 - 141	912	22675
Trichloroethene	mg/l	< 0.00050	0.0536	0.0500	107	62 - 160	912	22675
VOA Surr 1,2-DCA-d4	% Rec				106	73 - 127	912	
VOA Surr Toluene-d8	% Rec				100	79 - 113	912	
VOA Surr, 4-BFB	% Rec				97	79 - 125	912	
VOA Surr, DBFM	% Rec				104	75 - 134	912	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	0.850	1.05	21.05	27.	9902
BTEX/GRO Surr., a,a,a-TFT	% Recovery		149.			9902
VOA PARAMETERS						
Benzene	mg/l	0.0544	0.0523	3.94	27.	912
Chlorobenzene	mg/l	0.0510	0.0488	4.41	28.	912
1,1-Dichloroethene	mg/l	0.0598	0.0586	2.03	28.	912
Toluene	mg/l	0.0514	0.0497	3.36	34.	912
Trichloroethene	mg/l	0.0536	0.0509	5.17	31.	912
Tetrachloroethene	mg/l	0.0516	0.0500	3.15	27.	912

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VOA Surr 1,2-DCA-d4	% Rec	101.	912
VOA Surr Toluene-d8	% Rec	100.	912
VOA Surr, 4-BFB	% Rec	99.	912
VOA Surr, DBFM	% Rec	102.	912

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1.00	0.912	91	64 - 130	9902
BTEX/GRO Surr., a,a,a-TFT	% Recovery			129	69 - 132	9902
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0514	103	67 - 140	912
tert-amyl methyl ether	mg/L	0.0500	0.0515	103	68 - 134	912
Tertiary butyl alcohol	mg/l	0.500	0.556	111	28 - 182	912
Acetone	mg/l	0.250	0.232	93	61 - 142	912
Benzene	mg/l	0.0500	0.0491	98	78 - 123	912
Bromobenzene	mg/l	0.0500	0.0481	96	72 - 125	912
Bromochloromethane	mg/l	0.0500	0.0490	98	70 - 138	912
Bromoform	mg/l	0.0500	0.0457	91	58 - 131	912
Bromomethane	mg/l	0.0500	0.0613	123	53 - 169	912
2-Butanone	mg/l	0.250	0.258	103	66 - 136	912
n-Butylbenzene	mg/l	0.0500	0.0477	95	65 - 138	912
sec-Butylbenzene	mg/l	0.0500	0.0482	96	71 - 134	912
tert-Butylbenzene	mg/l	0.0500	0.0490	98	75 - 132	912
Carbon disulfide	mg/l	0.0500	0.0428	86	75 - 133	912
Carbon tetrachloride	mg/l	0.0500	0.0502	100	75 - 139	912
Chlorobenzene	mg/l	0.0500	0.0480	96	80 - 123	912
Chloroethane	mg/l	0.0500	0.0546	109	56 - 152	912
Chloroform	mg/l	0.0500	0.0474	95	74 - 127	912
Chloromethane	mg/l	0.0500	0.0600	120	36 - 155	912
2-Chlorotoluene	mg/l	0.0500	0.0482	96	72 - 132	912
4-Chlorotoluene	mg/l	0.0500	0.0481	96	76 - 130	912
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0448	90	62 - 132	912
Dibromochloromethane	mg/l	0.0500	0.0468	94	72 - 129	912
1,2-Dibromoethane	mg/l	0.0500	0.0493	99	72 - 135	912
Dibromomethane	mg/l	0.0500	0.0500	100	75 - 130	912
1,2-Dichlorobenzene	mg/l	0.0500	0.0482	96	80 - 129	912
1,3-Dichlorobenzene	mg/l	0.0500	0.0472	94	81 - 124	912

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,4-Dichlorobenzene	mg/l	0.0500	0.0466	93	79 - 124	912
Dichlorodifluoromethane	mg/l	0.0500	0.0475	95	34 - 163	912
1,1-Dichloroethane	mg/l	0.0500	0.0498	100	76 - 129	912
1,2-Dichloroethane	mg/l	0.0500	0.0468	94	73 - 130	912
1,1-Dichloroethene	mg/l	0.0500	0.0487	97	76 - 134	912
cis-1,2-Dichloroethene	mg/l	0.0500	0.0492	98	69 - 134	912
trans-1,2-Dichloroethene	mg/l	0.0500	0.0486	97	70 - 136	912
1,2-Dichloropropane	mg/l	0.0500	0.0513	103	81 - 126	912
1,3-Dichloropropane	mg/l	0.0500	0.0495	99	75 - 127	912
2,2-Dichloropropane	mg/l	0.0500	0.0432	86	42 - 146	912
1,1-Dichloropropene	mg/l	0.0500	0.0496	99	80 - 127	912
cis-1,3-Dichloropropene	mg/l	0.0500	0.0519	104	62 - 135	912
trans-1,3-Dichloropropene	mg/l	0.0500	0.0519	104	59 - 131	912
Ethylbenzene	mg/l	0.0500	0.0486	97	80 - 124	912
Hexachlorobutadiene	mg/l	0.0500	0.0435	87	66 - 136	912
2-Hexanone	mg/l	0.250	0.261	104	66 - 139	912
Isopropylbenzene	mg/l	0.0500	0.0500	100	81 - 129	912
p-Isopropyltoluene	mg/l	0.0500	0.0481	96	73 - 132	912
4-Methyl-2-pentanone	mg/l	0.250	0.254	102	69 - 138	912
Methylene chloride	mg/l	0.0500	0.0470	94	73 - 139	912
Naphthalene	mg/l	0.0500	0.0474	95	62 - 144	912
n-Propylbenzene	mg/l	0.0500	0.0480	96	72 - 134	912
Styrene	mg/l	0.0500	0.0499	100	82 - 129	912
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0519	104	71 - 129	912
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0486	97	66 - 136	912
Tetrachloroethene	mg/l	0.0500	0.0484	97	80 - 128	912
Toluene	mg/l	0.0500	0.0479	96	77 - 124	912
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0461	92	70 - 134	912
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0458	92	67 - 137	912
1,1,1-Trichloroethane	mg/l	0.0500	0.0480	96	76 - 131	912
1,1,2-Trichloroethane	mg/l	0.0500	0.0493	99	79 - 123	912
Trichloroethene	mg/l	0.0500	0.0502	100	78 - 140	912
1,2,3-Trichloropropane	mg/l	0.0500	0.0492	98	57 - 134	912
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0495	99	75 - 129	912
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0498	100	79 - 127	912
Vinyl chloride	mg/l	0.0500	0.0500	100	53 - 148	912
Xylenes (Total)	mg/l	0.150	0.147	98	81 - 124	912
Bromodichloromethane	mg/l	0.0500	0.0523	105	79 - 132	912

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Trichlorofluoromethane	mg/l	0.0500	0.0470	94	53 - 151	912
Methyl-t-butyl ether	mg/l	0.0500	0.0509	102	69 - 136	912
Diisopropyl ether	mg/l	0.0500	0.0514	103	65 - 140	912
VOA Surr 1,2-DCA-d4	% Rec			94	73 - 127	912
VOA Surr Toluene-d8	% Rec			100	79 - 113	912
VOA Surr, 4-BFB	% Rec			101	79 - 125	912
VOA Surr, DBFM	% Rec			99	75 - 134	912

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					
TPH (Gasoline Range)	< 0.0500	mg/l	9902	2/18/05	20:57
BTEX/GRO Surr., a,a,a-TFT	91.	% Recovery	9902	2/18/05	20:57
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00027	mg/l	912	2/18/05	23:46
tert-amyl methyl ether	< 0.00030	mg/L	912	2/18/05	23:46
Tertiary butyl alcohol	< 0.00428	mg/l	912	2/18/05	23:46
Acetone	< 0.00217	mg/l	912	2/18/05	23:46
Benzene	< 0.00025	mg/l	912	2/18/05	23:46
Bromobenzene	< 0.00019	mg/l	912	2/18/05	23:46
Bromochloromethane	< 0.00039	mg/l	912	2/18/05	23:46
Bromoform	< 0.00017	mg/l	912	2/18/05	23:46
Bromomethane	< 0.00031	mg/l	912	2/18/05	23:46
2-Butanone	< 0.00336	mg/l	912	2/18/05	23:46
n-Butylbenzene	< 0.00015	mg/l	912	2/18/05	23:46

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PROJECT QUALITY CONTROL DATA
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
sec-Butylbenzene	< 0.00043	mg/l	912	2/18/05	23:46
tert-Butylbenzene	< 0.00035	mg/l	912	2/18/05	23:46
Carbon disulfide	< 0.00022	mg/l	912	2/18/05	23:46
Carbon tetrachloride	< 0.00035	mg/l	912	2/18/05	23:46
Chlorobenzene	< 0.00019	mg/l	912	2/18/05	23:46
Chloroethane	< 0.00024	mg/l	912	2/18/05	23:46
Chloroform	< 0.00038	mg/l	912	2/18/05	23:46
Chloromethane	< 0.00040	mg/l	912	2/18/05	23:46
2-Chlorotoluene	< 0.00019	mg/l	912	2/18/05	23:46
4-Chlorotoluene	< 0.00020	mg/l	912	2/18/05	23:46
1,2-Dibromo-3-chloropropane	< 0.00069	mg/l	912	2/18/05	23:46
Dibromochloromethane	< 0.00029	mg/l	912	2/18/05	23:46
1,2-Dibromoethane	< 0.00023	mg/l	912	2/18/05	23:46
Dibromomethane	< 0.00038	mg/l	912	2/18/05	23:46
1,2-Dichlorobenzene	< 0.00025	mg/l	912	2/18/05	23:46
1,3-Dichlorobenzene	< 0.00034	mg/l	912	2/18/05	23:46
1,4-Dichlorobenzene	< 0.00033	mg/l	912	2/18/05	23:46
Dichlorodifluoromethane	< 0.00020	mg/l	912	2/18/05	23:46
1,1-Dichloroethane	< 0.00025	mg/l	912	2/18/05	23:46
1,2-Dichloroethane	< 0.00039	mg/l	912	2/18/05	23:46
1,1-Dichloroethene	< 0.00029	mg/l	912	2/18/05	23:46
cis-1,2-Dichloroethene	< 0.00032	mg/l	912	2/18/05	23:46
trans-1,2-Dichloroethene	< 0.00023	mg/l	912	2/18/05	23:46
1,2-Dichloropropane	< 0.00029	mg/l	912	2/18/05	23:46
1,3-Dichloropropane	< 0.00025	mg/l	912	2/18/05	23:46
2,2-Dichloropropane	< 0.00041	mg/l	912	2/18/05	23:46
1,1-Dichloropropene	< 0.00017	mg/l	912	2/18/05	23:46
cis-1,3-Dichloropropene	< 0.00020	mg/l	912	2/18/05	23:46
trans-1,3-Dichloropropene	< 0.00023	mg/l	912	2/18/05	23:46
Ethylbenzene	< 0.00019	mg/l	912	2/18/05	23:46
Hexachlorobutadiene	< 0.00040	mg/l	912	2/18/05	23:46
2-Hexanone	< 0.00111	mg/l	912	2/18/05	23:46
Isopropylbenzene	< 0.00043	mg/l	912	2/18/05	23:46
p-Isopropyltoluene	< 0.00017	mg/l	912	2/18/05	23:46
4-Methyl-2-pentanone	< 0.00083	mg/l	912	2/18/05	23:46
Methylene chloride	0.00080	mg/l	912	2/18/05	23:46
Naphthalene	< 0.00110	mg/l	912	2/18/05	23:46
n-Propylbenzene	< 0.00012	mg/l	912	2/18/05	23:46

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Styrene	< 0.00041	mg/l	912	2/18/05	23:46
1,1,1,2-Tetrachloroethane	< 0.00022	mg/l	912	2/18/05	23:46
1,1,2,2-Tetrachloroethane	< 0.00022	mg/l	912	2/18/05	23:46
Tetrachloroethene	< 0.00022	mg/l	912	2/18/05	23:46
Toluene	< 0.00017	mg/l	912	2/18/05	23:46
1,2,3-Trichlorobenzene	< 0.00029	mg/l	912	2/18/05	23:46
1,2,4-Trichlorobenzene	< 0.00026	mg/l	912	2/18/05	23:46
1,1,1-Trichloroethane	< 0.00036	mg/l	912	2/18/05	23:46
1,1,2-Trichloroethane	< 0.00022	mg/l	912	2/18/05	23:46
Trichloroethene	< 0.00027	mg/l	912	2/18/05	23:46
1,2,3-Trichloropropane	< 0.00022	mg/l	912	2/18/05	23:46
1,2,4-Trimethylbenzene	< 0.00025	mg/l	912	2/18/05	23:46
1,3,5-Trimethylbenzene	< 0.00035	mg/l	912	2/18/05	23:46
Vinyl chloride	< 0.00019	mg/l	912	2/18/05	23:46
Xylenes (Total)	< 0.00033	mg/l	912	2/18/05	23:46
Bromodichloromethane	< 0.00024	mg/l	912	2/18/05	23:46
Trichlorofluoromethane	< 0.00012	mg/l	912	2/18/05	23:46
Methyl-t-butyl ether	< 0.00023	mg/l	912	2/18/05	23:46
Diisopropyl ether	< 0.00018	mg/l	912	2/18/05	23:46
VOA Surr 1,2-DCA-d4	98.	% Rec	912	2/18/05	23:46
VOA Surr Toluene-d8	101.	% Rec	912	2/18/05	23:46
VOA Surr, 4-BFB	105.	% Rec	912	2/18/05	23:46
VOA Surr, DBFM	100.	% Rec	912	2/18/05	23:46

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 406665

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# 406665

Client Name : ERI

Cooler Received/Opened On: 2/18/05 Accessioned By: James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where: _____
3. Were custody seals on containers?..... 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:

    5278

    Fed-Ex UPS Velocity DHL 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 Division **406665**
2960 Foster Creightc
Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell
City/State/Zip: Petaluma, CA 94954
Project Manager James Chappell
lephone Number: 1-707-766-2000
ERI Job Number: 2101-11X
Sampler Name: (Print)
Sampler Signature:

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number 510-547-8196
Account #: 10228
PO #: 4505885615
Facility ID # 7-0277
Global ID#
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California

TAT: ☑ 24 hour ☐ 72 hour ☐ 48 hour ☐ 96 hour ☐ 8 day

PROVIDE: EDF Report, FAX Results

Special Instructions: * Include MTBE and Oxygenates

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: 8260B*	BTEX 8021B	TPHg 8015								
W-INF	2/17/05	1330		X	HCL	8 Voa's	X			X	X	X			~~226~~ 21					
W-INT 1	2/17/05	1320		X	HCL	8 Voa's	X			X	X	X			~~226~~ 22					
W-INT 2	2/17/05	1310		X	HCL	8 Voa's	X			X	X	X			~~226~~ 23					
W-EFF	2/17/05	1300		X	HCL	8 Voa's	X			X	X	X			~~226~~ 24					

Relinquished by: ERI Date 2/17/05 Time 1500 Received by: Time

Relinquished by: Date Time Received by TestAmerica: Time 2/18/05 250

Laboratory Comments:
Temperature Upon Receipt: 0°C
Sample Containers Intact? Yes
VOAs Free of Headspace? Yes

TestAmerica
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3/15/05

MAR 16 2005

ERI - NORTHERN CA 10228
JAMES CHAPPELL
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 7-0277
Project Number: 2101-11X.
Laboratory Project Number: 408547.

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	Collection Date
W-INF	05-A32304	3/ 3/05
W-INT 1	05-A32305	3/ 3/05
W-INT 2	05-A32306	3/ 3/05
W-EFF	05-A32307	3/ 3/05

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Pamela A. Langford Report Date: 3/14/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manage
Mark Hollingsworth, Director of Project

Laboratory Certification Number: 01168CA

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A32304
Sample ID: W-INF
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 16:30
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**Benzene	ND	ug/l	0.50	1.0	3/ 9/05	21:21	A. Cobbs	8021B	4288
**Ethylbenzene	ND	ug/l	0.5	1.0	3/ 9/05	21:21	A. Cobbs	8021B	4288
**Toluene	0.7	ug/l	0.5	1.0	3/ 9/05	21:21	A. Cobbs	8021B	4288
**Xylenes (Total)	1.5	ug/l	0.5	1.0	3/ 9/05	21:21	A. Cobbs	8021B	4288
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	3/ 9/05	21:21	A. Cobbs	8015M	4288
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Acetone	ND	ug/l	50.0	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Bromobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Bromochloromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Bromoform	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Bromomethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**2-Butanone	ND	ug/l	25.0	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**n-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**sec-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**tert-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Carbon disulfide	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Carbon tetrachloride	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Chlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Chloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Chloroform	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Chloromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**2-Chlorotoluene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**4-Chlorotoluene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Dibromochloromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Dibromomethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319

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ANALYTICAL REPORT

Laboratory Number: 05-A32304
Sample ID: W-INF

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**2-Hexanone	ND	ug/l	10.0	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Isopropylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Methylene chloride	ND	ug/l	2.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Naphthalene	ND	ug/l	2.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**n-Propylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Styrene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Tetrachloroethene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Trichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Vinyl chloride	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Bromodichloromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Methyl-t-butyl ether	6.20	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260B	9319
**Diisopropyl ether	ND	ug/l	0.50	1.0	3/11/05	18:05	S. Edwards	8260/SA05-77	9319

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ANALYTICAL REPORT

Laboratory Number: 05-A32304
Sample ID: W-INF

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	83.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 127.
VOA Surr Toluene-d8	99.	79. - 113.
VOA Surr, 4-BFB	105.	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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A32305
Sample ID: W-INT 1
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 16:00
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**Benzene	ND	ug/l	0.50	1.0	3/ 9/05	21:55	A. Cobbs	8021B	4288
**Ethylbenzene	ND	ug/l	0.5	1.0	3/ 9/05	21:55	A. Cobbs	8021B	4288
**Toluene	0.5	ug/l	0.5	1.0	3/ 9/05	21:55	A. Cobbs	8021B	4288
**Xylenes (Total)	0.8	ug/l	0.5	1.0	3/ 9/05	21:55	A. Cobbs	8021B	4288
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	3/ 9/05	21:55	A. Cobbs	8015M	4288

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	80.	69. - 132.

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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A32306
Sample ID: W-INT 2
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 15:30
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**Benzene	ND	ug/l	0.50	1.0	3/ 9/05	22:30	A. Cobbs	8021B	4288
**Ethylbenzene	ND	ug/l	0.5	1.0	3/ 9/05	22:30	A. Cobbs	8021B	4288
**Toluene	ND	ug/l	0.5	1.0	3/ 9/05	22:30	A. Cobbs	8021B	4288
**Xylenes (Total)	ND	ug/l	0.5	1.0	3/ 9/05	22:30	A. Cobbs	8021B	4288
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	3/ 9/05	22:30	A. Cobbs	8015M	4288

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	84.	69. - 132.

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.
** = NELAC E87358 Certified Analyte

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ANALYTICAL REPORT

ERI - NORTHERN CA 10228
JAMES CHAPPELL
601 NORTH MCDOWELL BLVD.
PETALUMA, CA 94954

Lab Number: 05-A32307
Sample ID: W-EFF
Sample Type: Water
Site ID: 7-0277

Project: 2101-11X
Project Name: EXXONMOBIL 7-0277
Sampler: JON HERMAN

Date Collected: 3/ 3/05
Time Collected: 15:00
Date Received: 3/ 8/05
Time Received: 7:50

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**Benzene	ND	ug/l	0.50	1.0	3/ 9/05	23:05	A. Cobbs	8021B	4288
**Ethylbenzene	ND	ug/l	0.5	1.0	3/ 9/05	23:05	A. Cobbs	8021B	4288
**Toluene	ND	ug/l	0.5	1.0	3/ 9/05	23:05	A. Cobbs	8021B	4288
**Xylenes (Total)	ND	ug/l	0.5	1.0	3/ 9/05	23:05	A. Cobbs	8021B	4288
**TPH (Gasoline Range)	ND	ug/l	50.0	1.0	3/ 9/05	23:05	A. Cobbs	8015M	4288
VOLATILE ORGANICS									
**Ethyl-t-butylether	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Tertiary butyl alcohol	ND	ug/l	10.0	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Acetone	ND	ug/l	50.0	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Bromobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Bromochloromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Bromoform	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Bromomethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**2-Butanone	ND	ug/l	25.0	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**n-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**sec-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**tert-Butylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Carbon disulfide	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Carbon tetrachloride	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Chlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Chloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Chloroform	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Chloromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**2-Chlorotoluene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**4-Chlorotoluene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2-Dibromo-3-chloropropane	ND	ug/l	1.00	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Dibromochloromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2-Dibromoethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Dibromomethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,3-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319

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ANALYTICAL REPORT

Laboratory Number: 05-A32307
Sample ID: W-EFF

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**1,4-Dichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Dichlorodifluoromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1-Dichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2-Dichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**cis-1,2-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**trans-1,2-Dichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,3-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**2,2-Dichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**cis-1,3-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**trans-1,3-Dichloropropene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Hexachlorobutadiene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**2-Hexanone	ND	ug/l	10.0	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Isopropylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**p-Isopropyltoluene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**4-Methyl-2-pentanone	ND	ug/l	10.0	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Methylene chloride	ND	ug/l	2.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Naphthalene	ND	ug/l	2.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**n-Propylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Styrene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Tetrachloroethene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2,3-Trichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2,4-Trichlorobenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1,1-Trichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,1,2-Trichloroethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Trichloroethene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2,3-Trichloropropane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,2,4-Trimethylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**1,3,5-Trimethylbenzene	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Vinyl chloride	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Bromodichloromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Trichlorofluoromethane	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Methyl-t-butyl ether	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260B	9319
**Diisopropyl ether	ND	ug/l	0.50	1.0	3/11/05	18:34	S. Edwards	8260/SA05-77	9319

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ANALYTICAL REPORT

Laboratory Number: 05-A32307
Sample ID: W-EFF

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	86.	69. - 132.
VOA Surr 1,2-DCA-d4	96.	73. - 127.
VOA Surr Toluene-d8	111.	79. - 113.
VOA Surr, 4-BFB	105.	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.
** = NELAC E87358 Certified Analyte

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 1
Laboratory Receipt Date: 3/ 8/05

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	0.0503	0.0500	101	50. - 160.	4288	05-A32307
Toluene	mg/l	< 0.0005	0.0496	0.0500	99	51. - 157.	4288	05-A32307
Ethylbenzene	mg/l	< 0.0005	0.0501	0.0500	100	47. - 159.	4288	05-A32307
Xylenes (Total)	mg/l	< 0.0005	0.0779	0.100	78	51. - 152.	4288	05-A32307
TPH (Gasoline Range)	mg/l	< 0.0500	1.08	1.00	108	43. - 150.	4288	05-A32307
BTEX/GRO Surr., a,a,a-TFT	% Recovery				94	69 - 132	4288	
VOA PARAMETERS								
Chlorobenzene	mg/l	< 0.00050	0.0687	0.0500	137	63 - 142	9319	32747
1,1-Dichloroethene	mg/l	< 0.00050	0.0618	0.0500	124	62 - 152	9319	32747
Trichloroethene	mg/l	< 0.00050	0.0691	0.0500	138	62 - 160	9319	32747
VOA Surr 1,2-DCA-d4	% Rec				92	73 - 127	9319	
VOA Surr Toluene-d8	% Rec				101	79 - 113	9319	
VOA Surr, 4-BFB	% Rec				104	79 - 125	9319	
VOA Surr, DBFM	% Rec				96	75 - 134	9319	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0503	0.0517	2.75	30.	4288
Toluene	mg/l	0.0496	0.0505	1.80	37.	4288
Ethylbenzene	mg/l	0.0501	0.0507	1.19	38.	4288
Xylenes (Total)	mg/l	0.0779	0.0810	3.90	33.	4288
TPH (Gasoline Range)	mg/l	1.08	1.02	5.71	27.	4288
BTEX/GRO Surr., a,a,a-TFT	% Recovery		95.			4288

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PROJECT QUALITY CONTROL DATA
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VOA PARAMETERS						
Chlorobenzene	mg/l	0.0687	0.0645	6.31	28.	9319
1,1-Dichloroethene	mg/l	0.0618	0.0587	5.15	28.	9319
Trichloroethene	mg/l	0.0691	0.0649	6.27	31.	9319
Tetrachloroethene	mg/l	0.0648	0.0616	5.06	27.	9319
VOA Surr 1,2-DCA-d4	% Rec		92.			9319
VOA Surr Toluene-d8	% Rec		100.			9319
VOA Surr, 4-BFB	% Rec		104.			9319
VOA Surr, DBFM	% Rec		96.			9319

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0967	97	72 - 118	4288
Toluene	mg/l	0.100	0.0938	94	72 - 119	4288
Ethylbenzene	mg/l	0.100	0.0925	92	71 - 119	4288
Xylenes (Total)	mg/l	0.200	0.176	88	70 - 117	4288
TPH (Gasoline Range)	mg/l	1.00	1.08	108	64 - 130	4288
BTEX/GRO Surr., a,a,a-TFT	% Recovery			96	69 - 132	4288
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0607	121	67 - 140	9319
tert-amyl methyl ether	mg/L	0.0500	0.0559	112	68 - 134	9319
Tertiary butyl alcohol	mg/l	0.500	0.464	93	28 - 182	9319
Acetone	mg/l	0.250	0.261	104	61 - 142	9319
Bromobenzene	mg/l	0.0500	0.0589	118	72 - 125	9319
Bromochloromethane	mg/l	0.0500	0.0621	124	70 - 138	9319
Bromoform	mg/l	0.0500	0.0518	104	58 - 131	9319
Bromomethane	mg/l	0.0500	0.0359	72	53 - 169	9319
2-Butanone	mg/l	0.250	0.277	111	66 - 136	9319
n-Butylbenzene	mg/l	0.0500	0.0612	122	65 - 138	9319
sec-Butylbenzene	mg/l	0.0500	0.0628	126	71 - 134	9319
tert-Butylbenzene	mg/l	0.0500	0.0632	126	75 - 132	9319
Carbon disulfide	mg/l	0.0500	0.0561	112	75 - 133	9319
Carbon tetrachloride	mg/l	0.0500	0.0580	116	75 - 139	9319
Chlorobenzene	mg/l	0.0500	0.0582	116	80 - 123	9319
Chloroethane	mg/l	0.0500	0.0414	83	56 - 152	9319
Chloroform	mg/l	0.0500	0.0577	115	74 - 127	9319
Chloromethane	mg/l	0.0500	0.0364	73	36 - 155	9319

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PROJECT QUALITY CONTROL DATA
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Project Name: EXXONMOBIL 7-0277
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Chlorotoluene	mg/l	0.0500	0.0610	122	72 - 132	9319
4-Chlorotoluene	mg/l	0.0500	0.0612	122	76 - 130	9319
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0675	135 #	62 - 132	9319
Dibromochloromethane	mg/l	0.0500	0.0671	134 #	72 - 129	9319
1,2-Dibromoethane	mg/l	0.0500	0.0624	125	72 - 135	9319
Dibromomethane	mg/l	0.0500	0.0546	109	75 - 130	9319
1,2-Dichlorobenzene	mg/l	0.0500	0.0602	120	80 - 129	9319
1,3-Dichlorobenzene	mg/l	0.0500	0.0592	118	81 - 124	9319
1,4-Dichlorobenzene	mg/l	0.0500	0.0592	118	79 - 124	9319
Dichlorodifluoromethane	mg/l	0.0500	0.0394	79	34 - 163	9319
1,1-Dichloroethane	mg/l	0.0500	0.0552	110	76 - 129	9319
1,2-Dichloroethane	mg/l	0.0500	0.0556	111	73 - 130	9319
1,1-Dichloroethene	mg/l	0.0500	0.0533	107	76 - 134	9319
cis-1,2-Dichloroethene	mg/l	0.0500	0.0559	112	69 - 134	9319
trans-1,2-Dichloroethene	mg/l	0.0500	0.0550	110	70 - 136	9319
1,2-Dichloropropane	mg/l	0.0500	0.0531	106	81 - 126	9319
1,3-Dichloropropane	mg/l	0.0500	0.0611	122	75 - 127	9319
2,2-Dichloropropane	mg/l	0.0500	0.0583	117	42 - 146	9319
1,1-Dichloropropene	mg/l	0.0500	0.0559	112	80 - 127	9319
cis-1,3-Dichloropropene	mg/l	0.0500	0.0616	123	62 - 135	9319
trans-1,3-Dichloropropene	mg/l	0.0500	0.0624	125	59 - 131	9319
Hexachlorobutadiene	mg/l	0.0500	0.0475	95	66 - 136	9319
2-Hexanone	mg/l	0.250	0.286	114	66 - 139	9319
Isopropylbenzene	mg/l	0.0500	0.0585	117	81 - 129	9319
p-Isopropyltoluene	mg/l	0.0500	0.0623	125	73 - 132	9319
4-Methyl-2-pentanone	mg/l	0.250	0.296	118	69 - 138	9319
Methylene chloride	mg/l	0.0500	0.0543	109	73 - 139	9319
Naphthalene	mg/l	0.0500	0.0607	121	62 - 144	9319
n-Propylbenzene	mg/l	0.0500	0.0619	124	72 - 134	9319
Styrene	mg/l	0.0500	0.0594	119	82 - 129	9319
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0589	118	71 - 129	9319
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0618	124	66 - 136	9319
Tetrachloroethene	mg/l	0.0500	0.0587	117	80 - 128	9319
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0512	102	70 - 134	9319
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0523	105	67 - 137	9319
1,1,1-Trichloroethane	mg/l	0.0500	0.0571	114	76 - 131	9319
1,1,2-Trichloroethane	mg/l	0.0500	0.0594	119	79 - 123	9319
Trichloroethene	mg/l	0.0500	0.0563	113	78 - 140	9319

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PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2,3-Trichloropropane	mg/l	0.0500	0.0580	116	57 - 134	9319
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0629	126	75 - 129	9319
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0626	125	79 - 127	9319
Vinyl chloride	mg/l	0.0500	0.0438	88	53 - 148	9319
Bromodichloromethane	mg/l	0.0500	0.0569	114	79 - 132	9319
Trichlorofluoromethane	mg/l	0.0500	0.0476	95	53 - 151	9319
Methyl-t-butyl ether	mg/l	0.0500	0.0594	119	69 - 136	9319
Diisopropyl ether	mg/l	0.0500	0.0532	106	65 - 140	9319
VOA Surr 1,2-DCA-d4	% Rec			94	73 - 127	9319
VOA Surr Toluene-d8	% Rec			112	79 - 113	9319
VOA Surr, 4-BFB	% Rec			105	79 - 125	9319
VOA Surr, DBFM	% Rec			98	75 - 134	9319

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	4288	3/ 9/05	16:07
Toluene	< 0.0005	mg/l	4288	3/ 9/05	16:07
Ethylbenzene	< 0.0005	mg/l	4288	3/ 9/05	16:07
Xylenes (Total)	< 0.0005	mg/l	4288	3/ 9/05	16:07
TPH (Gasoline Range)	< 0.0500	mg/l	4288	3/ 9/05	16:07

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PROJECT QUALITY CONTROL DATA
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BTEX/GRO Surr., a,a,a-TFT	.86.	% Recovery	4288	3/ 9/05	16:07
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00027	mg/l	9319	3/11/05	13:43
tert-amyl methyl ether	< 0.00030	mg/L	9319	3/11/05	13:43
Tertiary butyl alcohol	< 0.00428	mg/l	9319	3/11/05	13:43
Acetone	< 0.00217	mg/l	9319	3/11/05	13:43
Bromobenzene	< 0.00019	mg/l	9319	3/11/05	13:43
Bromochloromethane	< 0.00039	mg/l	9319	3/11/05	13:43
Bromoform	< 0.00017	mg/l	9319	3/11/05	13:43
Bromomethane	< 0.00031	mg/l	9319	3/11/05	13:43
2-Butanone	< 0.00336	mg/l	9319	3/11/05	13:43
n-Butylbenzene	< 0.00015	mg/l	9319	3/11/05	13:43
sec-Butylbenzene	< 0.00043	mg/l	9319	3/11/05	13:43
tert-Butylbenzene	< 0.00035	mg/l	9319	3/11/05	13:43
Carbon disulfide	< 0.00022	mg/l	9319	3/11/05	13:43
Carbon tetrachloride	< 0.00035	mg/l	9319	3/11/05	13:43
Chlorobenzene	< 0.00019	mg/l	9319	3/11/05	13:43
Chloroethane	< 0.00024	mg/l	9319	3/11/05	13:43
Chloroform	< 0.00038	mg/l	9319	3/11/05	13:43
Chloromethane	< 0.00040	mg/l	9319	3/11/05	13:43
2-Chlorotoluene	< 0.00019	mg/l	9319	3/11/05	13:43
4-Chlorotoluene	< 0.00020	mg/l	9319	3/11/05	13:43
1,2-Dibromo-3-chloropropane	< 0.00069	mg/l	9319	3/11/05	13:43
Dibromochloromethane	< 0.00029	mg/l	9319	3/11/05	13:43
1,2-Dibromoethane	< 0.00023	mg/l	9319	3/11/05	13:43
Dibromomethane	< 0.00038	mg/l	9319	3/11/05	13:43
1,2-Dichlorobenzene	< 0.00025	mg/l	9319	3/11/05	13:43
1,3-Dichlorobenzene	< 0.00034	mg/l	9319	3/11/05	13:43
1,4-Dichlorobenzene	< 0.00033	mg/l	9319	3/11/05	13:43
Dichlorodifluoromethane	< 0.00020	mg/l	9319	3/11/05	13:43
1,1-Dichloroethane	< 0.00025	mg/l	9319	3/11/05	13:43
1,2-Dichloroethane	< 0.00039	mg/l	9319	3/11/05	13:43
1,1-Dichloroethene	< 0.00029	mg/l	9319	3/11/05	13:43
cis-1,2-Dichloroethene	< 0.00032	mg/l	9319	3/11/05	13:43
trans-1,2-Dichloroethene	< 0.00023	mg/l	9319	3/11/05	13:43
1,2-Dichloropropane	< 0.00029	mg/l	9319	3/11/05	13:43
1,3-Dichloropropane	< 0.00025	mg/l	9319	3/11/05	13:43
2,2-Dichloropropane	< 0.00041	mg/l	9319	3/11/05	13:43
1,1-Dichloropropene	< 0.00017	mg/l	9319	3/11/05	13:43
cis-1,3-Dichloropropene	< 0.00020	mg/l	9319	3/11/05	13:43
trans-1,3-Dichloropropene	< 0.00023	mg/l	9319	3/11/05	13:43
Hexachlorobutadiene	< 0.00040	mg/l	9319	3/11/05	13:43
2-Hexanone	< 0.00111	mg/l	9319	3/11/05	13:43

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 2101-11X
Project Name: EXXONMOBIL 7-0277
Page: 6
Laboratory Receipt Date: 3/ 8/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Isopropylbenzene	< 0.00043	mg/l	9319	3/11/05	13:43
p-Isopropyltoluene	< 0.00017	mg/l	9319	3/11/05	13:43
4-Methyl-2-pentanone	< 0.00083	mg/l	9319	3/11/05	13:43
Methylene chloride	< 0.00016	mg/l	9319	3/11/05	13:43
Naphthalene	< 0.00110	mg/l	9319	3/11/05	13:43
n-Propylbenzene	< 0.00012	mg/l	9319	3/11/05	13:43
Styrene	< 0.00041	mg/l	9319	3/11/05	13:43
1,1,1,2-Tetrachloroethane	< 0.00022	mg/l	9319	3/11/05	13:43
1,1,2,2-Tetrachloroethane	< 0.00022	mg/l	9319	3/11/05	13:43
Tetrachloroethene	< 0.00022	mg/l	9319	3/11/05	13:43
1,2,3-Trichlorobenzene	< 0.00029	mg/l	9319	3/11/05	13:43
1,2,4-Trichlorobenzene	< 0.00026	mg/l	9319	3/11/05	13:43
1,1,1-Trichloroethane	< 0.00036	mg/l	9319	3/11/05	13:43
1,1,2-Trichloroethane	< 0.00022	mg/l	9319	3/11/05	13:43
Trichloroethene	< 0.00027	mg/l	9319	3/11/05	13:43
1,2,3-Trichloropropane	< 0.00022	mg/l	9319	3/11/05	13:43
1,2,4-Trimethylbenzene	< 0.00025	mg/l	9319	3/11/05	13:43
1,3,5-Trimethylbenzene	< 0.00035	mg/l	9319	3/11/05	13:43
Vinyl chloride	< 0.00019	mg/l	9319	3/11/05	13:43
Bromodichloromethane	< 0.00024	mg/l	9319	3/11/05	13:43
Trichlorofluoromethane	< 0.00012	mg/l	9319	3/11/05	13:43
Methyl-t-butyl ether	< 0.00023	mg/l	9319	3/11/05	13:43
Diisopropyl ether	< 0.00018	mg/l	9319	3/11/05	13:43
VOA Surr 1,2-DCA-d4	98.	% Rec	9319	3/11/05	13:43
VOA Surr Toluene-d8	112.	% Rec	9319	3/11/05	13:43
VOA Surr, 4-BFB	102.	% Rec	9319	3/11/05	13:43
VOA Surr, DBFM	100.	% Rec	9319	3/11/05	13:43

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 408547

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** 408547

Client Name : ERI

Cooler Received/Opened On: 3/8/05 **Accessioned By:** James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 4.5 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many and where:_____
3. Were custody seals on containers?..... 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:

    7798

    Fed-Ex UPS Velocity DHL 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 Division **408547**
2960 Foster Creighto
Nashville, TN 37204

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell
City/State/Zip: Petaluma, CA 94954
Project Manager James Chappell
lephone Number: 1-707-766-2000
ERI Job Number: 2101-11X
Sampler Name: (Print) Jon Herman
Sampler Signature: Jon Herman

ExxonMobil Engineer Jennifer Sedlachek
Telephone Number 510-547-8196
Account #: 10228
PO #: 4505885615
Facility ID # 7-0277
Global ID#
Site Address 1101 Yulupa Avenue
City, State Zip Santa Rosa, California

TAT
- [ ] 24 hour
- [ ] 72 hour
- [ ] 48 hour
- [ ] 96 hour
- [x] 8 day

PROVIDE:
EDF Report
FAX Results

Special Instructions:
* Include MTBE and Oxygenates

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: 8260B*	BTEX 8021B	TPHg 8015								
W-INF	3/3/05	1630		X	HCL	8 Voa's	X			X	X	X			32	30	4			
W-INT 1	"	1600		X	HCL	6 Voa's	X				X	X			32	30	5			
W-INT 2	"	1530		X	HCL	6 Voa's	X				X	X			32	30	6			
W-EFF	"	1500		X	HCL	8 Voa's	X			X	X	X			32	30	7			

Relinquished by: J Herman Date 3/7/05 Time 1100 Received by: Time

Relinquished by: Date Time Received by TestAmerica: 3/8/05 Time 250

Laboratory Comments:
Temperature Upon Receipt: 4.5°C
Sample Containers Intact? Yes
VOAs Free of Headspace? Yes

ATTACHMENT C

WASTE DISPOSAL DOCUMENTATION

201
134

SHIPPER NO. B 011964

CARRIER NO.

DATE: 1-11-05

THIS SHIPPING ORDER must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.
RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order.

NAME OF CARRIER) ENVIRONMENTAL RESOLUTIONS (SCAC)

TO
CONSIGNEE: ROMIC ENV. TECH. CORP.
STREET: 2081 BAY ROAD
DESTINATION: EAST PALO ALTO, CA 94303 STATE ZIP

FROM
SHIPPER: EXXON MOBIL CORPORATION
STREET: C/O ERI
601 N. MCDOWELL BLVD
ORIGIN: PETALUMA, CA 94954 STATE ZIP

ROUTE:

U.S. DOT Hazmat Reg. No.

VEHICLE NUMBER

NO. SHIPPING UNIT	O HM	Description of articles, special marks, and exceptions	*WEIGHT (Subject to correction)	Class or Rate	CHARGES (For carrier use only)	Check column
		GROUNDWATER MONITORING WELL PURGE WATER PROFILE #: 301560 HANDLING CODE: 01 RECEIVED BY PLACARDS TENDERED: YES ____ NO ____ P.O.# ____ EWR# ____ STORE NAME/ #: 7-0277 STORE ADDRESS: 1101 Yulupa Ave ~~Santa Rosa CA~~				

32 legal

Amy Fay 1/12/05

REMIT C.O.D. TO:
ADDRESS:
CITY: STATE ZIP

COD AMT: $

C.O.D. Fee:
PREPAID ☐
COLLECT ☐ $

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".

Note. - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES
Freight Prepaid except when box at right is checked ☐ Check box if charges to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

SHIPPER: EXXON MOBIL REFINING & SUPPLIES
PER: Vicki Dunn @ request of Exxon Mobil

CARRIER: ENVIRONMENTAL RESOLUTIONS
PER: Vicki Dunn
DATE: 1-12-05

EMERGENCY RESPONSE TELEPHONE NUMBER: (800-766-4248

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION. (172.604)

Mark with "X" to designate Hazardous Material as defined in The Department of Transportation Regulations Governing Transportation of Hazardous Materials. The use of this column is an optional method of designating hazardous materials on Bills of Ladings per Section 172.201 and 172.202(b) of the regulations governing the transportation of such materials.

2

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

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ZIOI 15 x

SHIPPER NO. # 011946

CARRIER NO.

DATE: 1/10/05

THIS MEMORANDUM is an acknowledgement that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.
RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

NAME OF CARRIER) ENVIRONMENTAL RESOLUTIONS (SCAC)

TO
CONSIGNEE: ROMIC ENV TECH. CORP
STREET: 2081 BAY ROAD
DESTINATION: EAST PALO ALTO, CA 94303 STATE ZIP

FROM
SHIPPER: EXXON MOBIL CORPORATION
STREET: C/O ERI
ORIGIN: 601 N. MCDOWELL BLVD PETALUMA, CA 94954 STATE ZIP

ROUTE:

U.S. DOT Hazmat Reg. No.

VEHICLE NUMBER

NO. SHIPPING UNIT	O HM	Description of articles, special marks, and exceptions	*WEIGHT (Subject to correction)	Class or Rate	CHARGES (For carrier use only)	Check column
		GROUNDWATER MONITORING WELL PURGE WATER PROFILE #: 301560 HANDLING CODE: 01 RECEIVED BY PLACARDS TENDERED: YES ___ NO ✓ P.O.# ___ EWR#: ___ STORE NAME/ #: 7-0277 STORE ADDRESS: 1101 Yulupa Ave Santa Rosa CA	256 gallons			

REMIT C.O.D. TO:
ADDRESS:
CITY: STATE ZIP

COD AMT: $

C.O.D. Fee:
PREPAID ☐
COLLECT ☐ $

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight".
Note. - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding ___ per ___

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES
Freight Prepaid except when box at right is checked ☐ Check box if charges to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained (as specified in Appendix B to Part 1035) which are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. PER:

SHIPPER: EXXON MOBIL REFINING & SUPPLIES
PER: Request of Exxon Mobil
Harold Lamb

CARRIER: ENVIRONMENTAL RESOLUTIONS
PER: Vicki Lamb
DATE: 1-14-05

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 766-1248

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION. (172.604)

Mark with "X" to designate Hazardous Material as defined in The Department of Transportation Regulations Governing Transportation of Hazardous Materials. The use of this column is an optional method of designating hazardous materials on Bills of Ladings per Section 172.201 and 172.202(b) of the regulations governing the transportation of such materials.

4

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ATTACHMENT D

CERTIFICATION STATEMENT

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signed: _____ Date: 4·12·05