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Refining and Supply Company

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Gene N. Ortega
Territory Manager
Global Remediation-US Retail

ExxonMobil
Refining & Supply

MAY 2 4 2001

May 23, 2001

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

RE: Former Exxon RAS #7-3006/720 High Street, Oakland, California.

Dear Mr. Chan:

Attached for your review and comment is a letter report entitled ***Quarterly Groundwater Monitoring and Remediation Status Report, First Quarter 2001,*** dated May 17, 2001, for the above referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Novato, California, and presents the results of quarterly groundwater monitoring and sampling activities at the subject site.

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

Sincerely,

Gene N. Ortega
Territory Manager

Attachment: ERI's Quarterly Groundwater Monitoring and Remediation Status Report, First Quarter 2001, dated May 17, 2001.

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

w/o attachment
Mr. Scott D. Thompson, Environmental Resolutions, Inc.

ENVIRONMENTAL RESOLUTIONS, INC.

May 17, 2001
ERI 201013.R24

Mr. Gene N. Ortega
ExxonMobil Refining and Supply
P.O. Box 4032
Concord, California 94524-4032

Subject: Quarterly Groundwater Monitoring and Remediation Status Report, First Quarter 2001, Former Exxon Service Station 7-3006, 720 High Street, Oakland, California.

Mr. Ortega:

At the request of ExxonMobil Refining and Supply (formerly Exxon Company, U.S.A.) (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed the first quarter 2001 groundwater monitoring and sampling activities at the subject site. The location of the site is shown on the Site Vicinity Map (Plate 1). The purpose of quarterly monitoring and sampling is to evaluate concentrations of dissolved hydrocarbons in groundwater and the effectiveness of remedial actions. The locations of selected site features are shown on the Generalized Site Plan (Plate 2).

GROUNDWATER MONITORING AND SAMPLING

On March 30, 2001, ERI measured the depth to water (DTW) and collected groundwater samples from select wells for laboratory analysis. Groundwater monitoring and sampling were performed in accordance with ERI groundwater sampling protocol (Attachment A).

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

Laboratory Analyses and Results

Groundwater samples were submitted to Southern Petroleum Laboratories, Inc. (SPL), a state-certified laboratory, under Chain of Custody protocol. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), and total petroleum hydrocarbons as diesel (TPHd). The specific methods of analysis are listed in the notes in Table 1. The results of analyses are presented in Table 1 and are shown on Plate 2. The laboratory analysis report and Chain of Custody record are attached (Attachment B).

SOIL AND GROUNDWATER REMEDIATION

Air Sparge/Soil Vapor Extraction

ERI initiated operation of the air sparge/soil vapor extraction (AS/SVE) system in August 1996, utilizing the thermal/catalytic oxidizer. The AS/SVE system was shut down July 28, 1999. Cumulative operational and performance data are presented in Table 2.

The AS/SVE system currently consists of six AS wells for air injection and six vadose wells for SVE within an on-site interceptor trench, a water knock-out tank, a Thermtech VAC-25 thermal/catalytic oxidizer, a Gast® air compressor, and a propane tank for supplemental fuel.

Groundwater Extraction and Treatment

The groundwater remediation system (GRS) is designed to treat separate-phase and dissolved hydrocarbons in groundwater extracted from the interceptor trench beneath the site. Pneumatic pumps are installed in extraction wells RW2 and RW5, in order to recover groundwater from the interceptor trench. Subsurface and above-ground collection piping were used to transfer extracted groundwater to a holding tank. A transfer pump and polyvinyl chloride (PVC) piping were used to direct the water stream from the holding tank through water filters, an air stripper, and subsequently through liquid-phase granular activated carbon (GAC) canisters connected in series. The treated groundwater was discharged to the sanitary sewer regulated by East Bay Municipal Utilities District (EBMUD).

The GRS system was shut down on December 23, 1998. Cumulative GRS flow rates, total volume extracted, and influent, intermediate, and effluent sample concentrations are presented in Table 3.

SUMMARY AND STATUS OF INVESTIGATION

ExxonMobil is pursuing site closure; quarterly groundwater monitoring and sampling will continue. The table below presents the estimated amounts of hydrocarbons removed by the AS/SVE system since startup.

Period	Pounds of Hydrocarbons Removed	Gallons of Hydrocarbons Removed
To Date:	5,144	845

Based on data collected to date, ERI estimates that the GRS has removed the following amounts of hydrocarbons at the subject site.

Period	Pounds of Hydrocarbons Removed	Gallons of Hydrocarbons Removed
To Date:	10	2

LIMITATIONS

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

ERI recommends forwarding copies of this report to:

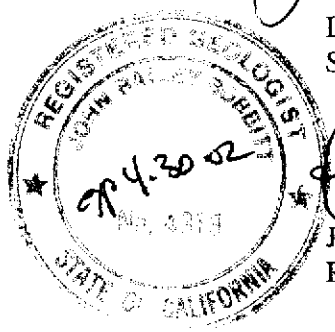
Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

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

Please call Mr. Scott D. Thompson at (415) 382-5987 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.

Lyz A. Cullmann
Staff Geologist



John B. Bobbitt
R.G. 4313

Attachments:

Table 1:	Cumulative Groundwater Monitoring and Sampling Data
Table 2:	Cumulative Hydrocarbon Removal and Emissions for Soil Vapor Extraction System
Table 3:	Operation and Performance Data for Groundwater Remediation System
Plate 1:	Site Vicinity Map
Plate 2:	Generalized Site Plan
Attachment A:	Groundwater Sampling Protocol
Attachment B:	Laboratory Analysis Report and Chain of Custody Record
Attachment C:	ERI SOP-25 "Hydrocarbons Removed from a Vadose Well"

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
(12.87)	02/02-03/94	NLPH	8.60	4.27	70	<50	---	<0.5	<0.5	<0.5	0.7	---	---	---
	3/10/94	NLPH	8.31	4.56	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	7.95	4.92	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	7.48	5.39	100	<50	---	<0.5	<0.5	<0.5	1.6	---	---	---
	6/27/94	NLPH	7.65	5.22	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	9.39	3.48	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.83	3.04	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	10/25/94	NLPH	10.19	2.68	---	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/30/94	NLPH	8.97	3.90	---	---	---	---	---	---	---	---	---	---
	12/27/94	NLPH	7.44	5.43	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	5.71	7.16	---	<50	100	0.52	<0.5	<0.5	<0.5	---	---	---
	6/7/95	NLPH	7.62	5.25	81	<50	3.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/18/95	NLPH	10.02	2.85	82	<50	6	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/1/95	NLPH	10.74	2.13	160	<50	8.9	<0.5	<0.5	<0.5	<0.5	---	---	---
	2/14/96	NLPH	7.81	5.06	100	<50	7.8	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/19/96	NLPH	7.47	5.40	93	<50	7.1	<0.5	<0.5	<0.5	<0.5	---	<50	---
	9/24/96	NLPH	10.42	2.45	83	<50	9.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/11/96	NLPH	8.50	4.37	81	<50	7.2	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/19/97	NLPH	9.14	3.73	78	<50	6.4	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/4/97	NLPH	9.82	3.05	58	<50	6.0	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/2/97	NLPH	10.26	2.61	150	<50	5.4	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/2/97	NLPH	9.32	3.55	88	<50	5.1	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/98	NLPH	6.44	6.43	58	<50	5.6	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/23/98	NLPH	9.23	3.64	84	<50	3.8	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/98	NLPH	9.91	2.96	61	<50	2.6	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/30/98	NLPH	9.21	3.66	80	<50	4.1	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/99	NLPH	5.53	7.34	64.3	<50	4.95	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/22/99	NLPH	7.39	5.48	83.5	<50	3.70	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/99	NLPH	8.90	3.97	52.9	<50	4.81	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/21/99	NLPH	8.94	3.93	60	<50	10	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/21/00	NLPH	5.34	7.53	---	<50	4.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/30/01	**NLPH**	**5.29**	**7.58**	**79**	**<50**	**10k**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW2	1/20/94	--- [NR]	---	---	---	---	---	---	---	---	---	---	---	---
(12.98)	02/02-03/94	--- [NR]	---	---	---	---	---	---	---	---	---	---	---	---
	3/10/94	[8 c.]	6.96	6.02	---	---	---	---	---	---	---	---	---	---
	4/22/94	[10 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	[5 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	6/27/94	Sheen	7.10	5.88	---	---	---	---	---	---	---	---	---	---
	8/31/94	Sheen	8.58	4.40	---	---	---	---	---	---	---	---	---	---
	9/29/94	Sheen	9.11	3.87	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	7.76	5.22	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	7.33	5.65	---	---	---	---	---	---	---	---	---	---
	12/27/94	Sheen	6.77	6.21	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	5.00	7.98	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	7.14	5.84	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	10.82	2.16	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	11.65	1.33	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	8.39	4.59	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	6.55	6.43	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	11.56	1.42	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	8.02	4.96	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	8.63	4.35	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	10.57	2.41	---	---	---	---	---	---	---	---	---	---
	9/2/97	Sheen	11.51	1.47	---	---	---	---	---	---	---	---	---	---
	12/2/97	NLPH	11.24	1.74	820	1,400	57	15	2.8	8.6	<2.5	---	---	---
	3/27/98	NLPH	6.06	6.92	2,000	7,400	<50	1,400	350	490	1,500	---	---	---
	6/23/98	Sheen	11.06	1.92	2,900	180	9.5	3.2	0.55	0.92	1.3	---	---	---
	9/29/98	NLPH	10.51	2.47	180	290	9.3	<0.50	0.65	1.5	1.5	---	---	---
	12/30/98	NLPH	9.83	3.15	700	520	16	17	0.96	2.6	3.5	---	---	---
	3/24/99	NLPH	4.47	8.51	1,440	14,000	<40	1,300	336	786	3,420	---	---	---
	6/22/99	NLPH	6.42	6.56	2,310	1,080	25.2	54.3	14.9	38.8	107	---	---	---
	9/29/99	NLPH	8.00	4.98	2,720f	517	15.4	37.5	7.48	12.9	15.2	---	---	---
	12/21/99	NLPH	8.10	4.88	6,300	3,200	<2	360	5.5	120	106	---	---	---
	3/21/00	j	---	---	---	---	---	---	---	---	---	---	---	---
	3/30/01	NLPH	3.09	9.89	510	200	110k	7.2	<0.5	2.4	2.1	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW3	1/20/94	Sheen	8.24	4.68	---	---	---	---	---	---	---	---	---	---
(12.92)	02/02-03/94	Sheen	7.68	5.24	---	---	---	---	---	---	---	---	---	---
	3/10/94	Sheen	7.24	5.68	---	---	---	---	---	---	---	---	---	---
	4/22/94	Sheen	6.79	6.13	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	Sheen	6.43	6.49	---	---	---	---	---	---	---	---	---	---
	6/27/94	0.01 [NR]	6.97	5.95	---	---	---	---	---	---	---	---	---	---
	8/31/94	Sheen	8.41	4.51	---	---	---	---	---	---	---	---	---	---
	9/29/94	Sheen	8.97	3.95	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	9.43	3.49	---	---	---	---	---	---	---	---	---	---
	11/28/94	---	7.19	5.73	---	---	---	---	---	---	---	---	---	---
	12/27/94	Sheen	6.64	6.28	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	4.87	8.05	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	7.05	5.87	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	10.61	2.31	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	11.58	1.34	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	8.34	4.58	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	6.35	6.57	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	11.45	1.47	---	---	---	---	---	---	---	---	---	---
	12/11/96	NLPH	7.89	5.03	17,000*	4,800	30	340	<5.0	8.2	20	---	---	---
	3/19/97	NLPH	9.83	3.09	3,000	1,900	80	160	11	5.6	10	---	---	---
	6/4/97	NLPH	10.43	2.49	8,000	920	11	15	2.8	2.4	<2.0	---	---	---
	9/2/97	Sheen	12.45	0.47	---	---	---	---	---	---	---	---	---	---
	12/2/97	NLPH	11.21	1.71	6,700	920	21	10	2.1	<1.0	2.7	---	---	---
	3/24/98	NLPH	5.93	6.99	4,600	1,500	25	5,500	<5.0	<5.0	<5.0	---	---	---
	6/23/98	NLPH	11.13	1.79	39,000	1,300	9.4	53	<1.0	<1.0	<1.0	---	---	---
	9/29/98	Sheen	10.46	2.46	2,600	540	<5.0	6.8	1.9	1.4	2.3	---	---	---
	12/30/98	NLPH	9.72	3.20	11,000	4,000	<50	74	<10	<10	<10	---	---	---
	3/24/99	Sheen	4.36	8.56	3,850	2,330	<20	<5.0	<5.0	<5.0	<5.0	---	---	---
	6/22/99	NLPH	6.22	6.70	6,860	1,470	<10	492	<2.5	<2.5	<2.5	---	---	---
	9/29/99	NLPH	8.10	4.82	2,290f	315	<5.0	11.5	3.07	<1.0	2.54	---	---	---
	12/21/99	NLPH	7.99	4.93	37,000	6,600	4	22	5	5.1	31.4	---	---	---
	1/26/00	NLPH	5.48	7.44	2,600h	---	---	---	---	---	---	---	---	---
	3/21/00	j	---	---	---	---	---	---	---	---	---	---	---	---
	3/30/01	**NLPH**	**4.02**	**8.90**	**2,000**	**880**	**300k**	**130**	**<0.5**	**1.2**	**2.4**	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<.....feet.....>			.....ug/l.....									
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW4	1/20/94	--- [NR]	---	---	---	---	---	---	---	---	---	---	---	---
(12.77)	02/02-03/94	--- [1 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	3/10/94	[8 c.]	7.12	5.65	---	---	---	---	---	---	---	---	---	---
	4/22/94	[10 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	[5 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	6/27/94	0.01 [NR]	6.50	6.27	---	---	---	---	---	---	---	---	---	---
	8/31/94	0.02 [NR]	7.84	4.93	---	---	---	---	---	---	---	---	---	---
	9/29/94	0.03 [NR]	8.43	4.34	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	9.24	3.53	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	6.77	6.00	---	---	---	---	---	---	---	---	---	---
	12/27/94	Sheen	6.14	6.63	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	4.87	7.90	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	6.91	5.86	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	9.59	3.18	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	11.52	1.25	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	8.56	4.21	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	6.09	6.68	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	10.20	2.57	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	7.78	4.99	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	8.56	4.21	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	9.31	3.46	---	---	---	---	---	---	---	---	---	---
	9/2/97	Sheen	10.00	2.77	---	---	---	---	---	---	---	---	---	---
	12/2/97	NLPH	8.72	4.05	15,000	1,500	50	<2.5	9.7	3.0	10	---	---	---
	3/24/98	NLPH	5.79	6.98	6,400	540	38	<0.5	4.4	1.6	5.4	---	---	---
	6/23/98	Sheen	8.50	4.27	7,500	1,000	25	3.3	<2.0	<2.0	<2.0	---	---	---
	9/29/98	Sheen	9.77	3.00	65,000	7,300	<50	<10	<10	<10	<10	---	---	---
	12/30/98	Sheen	8.54	4.23	12,000	1,000	170	3.8	5.1	<2.5	4.1	---	---	---
	3/24/99	Sheen	4.41	8.36	20,500	1,300	4.40	2.64	<1.0	<1.0	<1.0	---	---	---
	6/22/99	NLPH	5.71	7.06	9,760	1,470	<10	404	<2.5	<2.5	<2.5	---	---	---
	9/29/99	NLPH	7.32	5.45	2,470g	589c	8.12	12.6	<1.0	<1.0	<1.0	---	---	---
	12/21/99	NLPH	7.58	5.19	230,000	2,000	<2	<0.5	0.56	1.9	18.6	---	---	---
	1/26/00	NLPH	5.85	6.92	3,200h	---	---	---	---	---	---	---	---	---
	3/21/00	NLPH	3.58	9.19	5,900	270	13	6.8	0.83	<0.5	3.6	---	---	---
	3/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW5	7/18/89		Well Destroyed											
MW6	1/20/94	--- [NR]	---	---	---	---	---	---	---	---	---	---	---	---
(14.27)	02/02-03/94	--- [NR]	---	---	---	---	---	---	---	---	---	---	---	---
	3/10/94	[¼ c.]	7.82	6.45	---	---	---	---	---	---	---	---	---	---
	4/22/94	[10 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	[3 c.]	---	---	---	---	---	---	---	---	---	---	---	---
	6/27/94	Sheen	7.77	6.50	---	---	---	---	---	---	---	---	---	---
	8/31/94	Sheen	9.02	5.25	---	---	---	---	---	---	---	---	---	---
	9/29/94	Sheen	9.51	4.76	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	9.93	4.34	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	8.05	6.22	---	---	---	---	---	---	---	---	---	---
	12/27/94	---	7.54	6.73	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	5.86	8.41	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	8.07	6.20	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	10.54	3.73	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	11.41	2.86	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	9.17	5.10	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	7.13	7.14	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	11.24	3.03	---	---	---	---	---	---	---	---	---	---
	12/11/96	NLPH	9.20	5.07	2,900	9,100	< 100	2,100	22	160	260	---	---	---
	3/19/97	NLPH	10.14	4.13	3,800	24,000	250	5,800	91	1,300	1,900	---	---	---
	6/4/97	NLPH	10.58	3.69	3,300	20,000	270	4,400	< 50	540	480	---	---	---
	9/2/97	NLPH	11.02	3.25	2,100	8,100	< 25	1,800	< 25	140	170	---	---	---
	12/2/97	NLPH	10.45	3.82	2,300	6,800	< 100	1,100	< 20	77	74	---	---	---
	3/24/98	NLPH	7.09	7.18	3,800	20,000	< 250	4,300	< 50	2,200	1,500	---	---	---
	6/23/98	Sheen	9.79	4.48	4,100	19,000	< 500	3,400	< 100	1,800	1,100	---	---	---
	9/29/98	NLPH	10.56	3.71	2,300	8,600	< 100	2,100	25	300	260	---	---	---
	12/30/98	NLPH	9.97	4.30	2,700	6,800	< 125	1,600	< 25	84	200	---	---	---
	3/24/99	Sheen	5.02	9.25	2,670	12,600	< 20	3,380	16.5	221	190	---	---	---
	6/22/99	NLPH	6.91	7.36	5.670	6,720	< 40	2,400	< 10	767	14.4	---	---	---
	9/29/99	NLPH	8.66	5.61	1,370g	6,310d	< 250	< 25	< 25	133	< 25	---	---	---
	12/21/99	NLPH	8.57	5.70	2,300	3,800	12	890	3.3	94	95	---	---	---
	3/21/00	j	---	---	---	---	---	---	---	---	---	---	---	---
	3/30/01	**NLPH**	**3.66**	**10.61**	**2,000**	**9,200**	**< 5k**	**3100**	**9.1**	**130**	**31**	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW7	1/20/94	NLPH	8.67	6.17	---	---	---	---	---	---	---	---	---	---
(14.84)	02/02-03/94	NLPH	8.47	6.37	1,300	2,900	---	79	5	8.2	21	---	---	4,701
	3/10/94	NLPH	8.24	6.60	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	7.95	6.89	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	7.53	7.31	1,300	2,400	---	88	5.6	5.2	15	---	---	1,400
	6/27/94	NLPH	8.01	6.83	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	9.19	5.65	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.65	5.19	56	1,900	---	71	3.1	3.5	7.8	---	---	---
	10/25/94	NLPH	9.96	4.88	89	1,400	---	51	1.5	24	6.8	---	---	---
	11/30/94	---	7.78	7.06	---	---	---	---	---	---	---	---	---	---
	12/27/94	---	7.51	7.33	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	5.79	9.05	1,300	2,500	---	130	<10	<10	<10	ND	1,100	---
	6/7/95	NLPH	7.73	7.11	1,200	2,400	39	91	5	7.6	14	---	1,000	---
	9/18/95	NLPH	9.81	5.03	1,100	1,800	<25	17	<5.0	<5.0	<5.0	---	870	---
	11/1/95	NLPH	10.56	4.28	1,700	3,000	<13	2.7	11	25	<2.5	---	1,400	---
	2/14/96	NLPH	8.04	6.80	1,200	1,900	<25	59	<5.0	<5.0	<5.0	---	940	---
	6/19/96	NLPH	7.33	7.51	1,400	2,000	<25	96	<5.0	<5.0	5.6	ND	1,000	---
	9/24/96	NLPH	10.10	4.74	1,100	950	<25	6.8	<5.0	<5.0	<5.0	ND	910	---
	12/11/96	NLPH	8.50	6.34	1,600	2,500	<10	50	<2.0	6.4	30	ND	1,100	---
	3/19/97	NLPH	8.88	5.96	840	2,700	<25	61	8.0	21	68	ND	580	---
	6/4/97	NLPH	9.38	5.46	1,000	1,900	<2.5	45	<2.0	5.3	13	ND	780	---
	9/2/97	NLPH	9.69	5.15	790	1,700	<2.5	28	2.2	<2.0	5.9	ND	740	---
	12/2/97	NLPH	8.65	6.19	1,100	2,000	14	33	2.2	2.0	5.8	---	---	---
	3/24/98	NLPH	6.40	8.44	950	2,300	<25	73	<5.0	<5.0	22	---	---	---
	6/23/98	NLPH	8.34	6.50	1,600	4,700	140	50	<5.0	12	20	---	---	---
	9/29/98	NLPH	9.76	5.08	630	700	<5.0	2.7	1.3	2.4	5.3	---	---	---
	12/30/98	NLPH	8.86	5.98	1,700	1,400	<5.0	17	7.7	2.8	16	---	---	---
	3/24/99	Sheen	5.48	9.36	860	1,740	6.73	59.2	2.76	4.33	15.1	---	---	---
	6/22/99	NLPH	6.54	8.30	5,330	3,250	<4.0	59.5	3.96	2.89	6.38	---	---	---
	9/29/99	NLPH	8.45	6.39	1,750[g]	1,360[e]	<25	3.07	<2.5	5.02	6.32	---	---	---
	12/21/99	NLPH	8.39	6.45	4,600	2,900	<2	47	2	1.7	8.53	---	---	---
	3/21/00	NLPH	4.72	10	1,500	760	<2	43	2	2.2	10.8	---	---	
	12/21/01		**Well destroyed**											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>	ug/l									
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW8	1/20/94	Sheen	8.90	4.55	---	---	---	---	---	---	---	---	---	---
(13.45)	02/02-03/94	Sheen	8.58	4.87	---	---	---	---	---	---	---	---	---	---
	3/10/94	Sheen	7.16	6.29	---	---	---	---	---	---	---	---	---	---
	4/22/94	Sheen	7.34	6.11	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	Sheen	7.04	6.41	---	---	---	---	---	---	---	---	---	---
	6/27/94	Sheen	6.01	7.44	---	---	---	---	---	---	---	---	---	---
	8/31/94	Sheen	9.26	4.19	---	---	---	---	---	---	---	---	---	---
	9/29/94	Sheen	9.76	3.69	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	10.05	3.40	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	7.68	5.77	---	---	---	---	---	---	---	---	---	---
	12/27/94	Sheen	7.11	6.34	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	5.39	8.06	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	7.53	5.92	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	9.84	3.61	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	10.47	2.98	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	8.27	5.18	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	6.88	6.57	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	10.13	3.32	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	8.53	4.92	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	9.09	4.36	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	9.52	3.93	---	---	---	---	---	---	---	---	---	---
	9/2/97	NLPH	9.72	3.73	8,000	20,000	<50	57	<50	850	660	ND	---	---
	12/2/97	NLPH	8.83	4.62	2,700	6,900	130	83	<10	<10	100	---	---	---
	3/24/98	NLPH	6.52	6.93	2,900	10,000	<125	190	<25	470	330	---	---	---
	6/23/98	NLPH	9.02	4.43	3,700	10,000	<50	140	<10	460	260	---	---	---
	9/29/98	NLPH	9.72	3.73	3,600	12,000	130	46	<10	340	190	---	---	---
	12/30/98	NLPH	9.06	4.39	3,000	11,000	140	170	<25	230	160	---	---	---
	3/24/99	Sheen	5.21	8.24	2.250	13,000	22.6	336	53.2	415	326	---	---	---
	6/22/99	Sheen	6.51	6.94	4,010	13,000	64.9	174	<5.0	186	13.1	---	---	---
	9/29/99	NLPH	8.22	5.23	2,170g	5,420	<25	20.4	<5.0	<5.0	38.5	---	---	---
	12/21/99	NLPH	8.41	5.04	2,100	4,700	<2	190	15	160	68.2	---	---	---
	3/21/00	NLPH	4.47	8.98	---	6,300	270	380	12	260	86	---	---	
	12/21/00		Well destroyed											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW9	1/20/94	---	---	---	---	---	---	---	---	---	---	---	---	---
(14.64)	02/02-03/94	---	---	---	---	---	---	---	---	---	---	---	---	---
	3/10/94	NLPH	6.90	7.74	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	7.38	7.26	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	6.96	7.68	---	---	---	---	---	---	---	---	---	---
	6/27/94	NLPH	7.65	6.99	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	8.87	5.77	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.19	5.45	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	10/25/94	NLPH	9.66	4.98	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/30/94	---	8.38	6.26	---	---	---	---	---	---	---	---	---	---
	12/27/94	NLPH	7.29	7.35	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	5.74	8.90	56	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/7/95	NLPH	8.33	6.31	72	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/18/95	NLPH	9.28	5.36	60	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/1/95	NLPH	10.09	4.55	61	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	2/14/96	NLPH	6.26	8.38	83	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/19/96	NLPH	6.68	7.96	68	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	<50	---
	9/24/96	NLPH	9.72	4.92	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/11/96	NLPH	8.11	6.53	91	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/19/97	NLPH	7.72	6.92	140	<50	<2.5	0.83	<0.5	<0.5	<0.5	---	---	---
	6/4/97	NLPH	8.87	5.77	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/2/97	NLPH	9.44	5.20	140	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/2/97	NLPH	8.43	6.21	71	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/98	NLPH	5.84	8.80	62	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/23/98	NLPH	7.81	6.83	69	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/98	NLPH	9.26	5.38	52	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/30/98	NLPH	8.28	6.36	74	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/99	NLPH	4.74	9.90	71.1	b	---	---	---	---	---	---	---	---
	6/22/99	Well not sampled		---	---	---	---	---	---	---	---	---	---	---
	9/29/99	NLPH	8.41	6.23	---	---	---	---	---	---	---	---	---	---
	12/21/99	NLPH	8.20	6.44	---	---	---	---	---	---	---	---	---	---
	3/21/00	NLPH	4.59	10.05	---	---	---	---	---	---	---	---	---	---
	12/21/00		Well destroyed											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW10	1/20/94	NLPH	8.40	5.65	---	---	---	---	---	---	---	---	---	---
(14.05)	02/02-03/94	NLPH	8.00	6.05	<50	<50	---	<0.5	1	<0.5	1.8	---	---	---
	3/10/94	NLPH	7.56	6.49	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	7.35	6.70	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	7.06	6.99	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/27/94	NLPH	7.59	6.46	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	8.73	5.32	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.07	4.98	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	10/25/94	NLPH	9.41	4.64	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/30/94	---	7.62	6.43	---	---	---	---	---	---	---	---	---	---
	12/27/94	NLPH	7.01	7.04	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	5.60	8.45	---	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/7/95	NLPH	7.12	6.93	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/18/95	NLPH	8.54	5.51	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/1/95	NLPH	9.44	4.61	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	2/14/96	NLPH	9.36	4.69	64	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/19/96	NLPH	7.32	6.73	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	<50	---
	9/24/96	NLPH	9.07	4.98	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/11/96	NLPH	7.73	6.32	67	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/19/97	NLPH	7.62	6.43	51	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/4/97	NLPH	8.38	5.67	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/2/97	NLPH	8.64	5.41	120	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/2/97	NLPH	7.22	6.83	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/98	NLPH	5.71	8.34	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/23/98	NLPH	7.23	6.82	90	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/98	NLPH	8.39	5.66	<50	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/30/98	NLPH	7.74	6.31	58	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/99	NLPH	4.74	9.31	<50	<50	<2.0	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/22/99	Well not sampled		---	---	---	---	---	---	---	---	---	---	---
	9/29/99	NLPH	8.17	5.88	---	---	---	---	---	---	---	---	---	---
	12/21/99	NLPH	7.87	6.18	---	---	---	---	---	---	---	---	---	---
	3/21/00		Well destroyed											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW11	1/20/94	NLPH	9.61	3.94	---	---	---	---	---	---	---	---	---	---
(13.55)	02/02-03/94	NLPH	9.56	3.99	160	<50	---	<0.5	1	<0.5	0.9	---	---	---
	3/10/94	NLPH	8.59	4.96	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	8.47	5.08	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	8.12	5.43	1002	<50	---	<0.53	<0.5	<0.5	3.2	---	---	---
	6/27/94	NLPH	8.65	4.90	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	9.80	3.75	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	10.16	3.39	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	10/25/94	NLPH	10.48	3.07	<50	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/30/94	---	8.55	5.00	---	---	---	---	---	---	---	---	---	---
	12/27/94	NLPH	7.98	5.57	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	6.49	7.06	160	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/7/95	NLPH	7.98	5.57	50	<50	42	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/18/95	NLPH	10.12	3.43	56	<50	32	<0.5	<0.5	<0.5	<0.5	---	---	---
	11/1/95	NLPH	10.75	2.80	170	<50	35	<0.5	<0.5	<0.5	<0.5	---	---	---
	2/14/96	NLPH	8.03	5.52	76	<50	37	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/19/96	NLPH	7.85	5.70	92	<50	33	<0.5	<0.5	<0.5	<0.5	---	<50	---
	9/24/96	NLPH	10.45	3.10	58	<50	40	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/11/96	NLPH	9.02	4.53	110	<50	10	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/19/97	NLPH	9.16	4.39	100	<50	6.9	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/4/97	NLPH	9.91	3.64	<50	<50	5.6	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/2/97	NLPH	10.25	3.30	150	<50	4.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/2/97	NLPH	9.33	4.22	70	<50	5.8	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/98	NLPH	6.77	6.78	<50	<50	4.1	<0.5	<0.5	<0.5	<0.5	---	---	---
	6/23/98	NLPH	8.99	4.56	70	<50	<2.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/98	NLPH	9.89	3.66	76	<50	7.7	<0.5	<0.5	<0.5	<0.5	---	---	---
	12/30/98	NLPH	9.17	4.38	71	<50	3.5	<0.5	<0.5	<0.5	<0.5	---	---	---
	3/24/99	NLPH	5.79	7.76	58.2	<50	4.51	<0.5	1.20	<0.5	<0.5	---	---	---
	6/22/99	Well not sampled		---	---	---	---	---	---	---	---	---	---	---
	9/29/99	NLPH	9.14	4.41	---	---	---	---	---	---	---	---	---	---
	12/21/99	NLPH	9.01	4.54	---	---	---	---	---	---	---	---	---	---
	3/21/00	NLPH	5.68	7.87	---	---	---	---	---	---	---	---	---	---
	12/21/00		Well destroyed											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>	ug/l									
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW12	1/20/94	NLPH	7.81	4.80	---	---	---	---	---	---	---	---	---	---
(12.61)	02/02-03/94	NLPH	7.22	5.39	18,000	48,000	---	4,000	2,700	2,900	9,900	---	---	---
	3/10/94	NLPH	6.16	6.45	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	6.31	6.30	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	6.16	6.45	8,200	46,000	---	30,003	1,600	2,900	9,100	---	---	---
	6/27/94	NLPH	6.55	6.06	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	7.97	4.64	---	---	---	---	---	---	---	---	---	---
	9/29/94	Sheen	8.52	4.09	---	---	---	---	---	---	---	---	---	---
	10/25/94	Sheen	8.74	3.87	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	8.73	3.88	---	---	---	---	---	---	---	---	---	---
	12/30/94	NLPH	6.17	6.44	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	4.44	8.17	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	6.59	6.02	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	8.96	3.65	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	10.75	1.86	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	7.73	4.88	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	5.80	6.81	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	9.14	3.47	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	7.31	5.30	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	9.96	2.65	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	8.81	3.80	---	---	---	---	---	---	---	---	---	---
	9/2/97	Sheen	8.93	3.68	---	---	---	---	---	---	---	---	---	---
	12/2/97	NLPH	8.41	4.20	3,900	45,000	<250	1,800	560	3,100	8,700	---	---	---
	3/24/98	NLPH	5.37	7.24	8,800	42,000	<250	820	280	2,800	6,800	---	---	---
	6/23/98	Sheen	8.43	4.18	7,800	39,000	560	1,000	200	2,300	4,900	---	---	---
	9/29/98	Sheen	8.94	3.67	21,000	40,000	<500	1,100	150	2,200	3,100	---	---	---
	12/30/98	Sheen	8.47	4.14	49,000	79,000	<500	1,400	400	3,300	8,500	---	---	---
	3/24/99	Sheen	3.71	8.90	5,070	40,600	<20	328	182	1,690	3,930	---	---	---
	6/22/99	Sheen	4.91	7.70	15,000	54,800	109	203	244	1,530	3,790	---	---	---
	9/29/99	NLPH	7.41	5.20	6,830g	22,900	194	422	72.6	1,790	2,270	---	---	---
	12/21/99	NLPH	7.46	5.15	10,000	25,000	<40	580	26	1,400	1,360	---	---	---
	3/21/00	NLPH	3.57	9.04	4,400	23,000	860	690	33	1,600	3,290	---	---	---
	3/30/01	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW13	1/20/94	NLPH	9.08	5.12	---	---	---	---	---	---	---	---	---	---
(14.20)	02/02-03/94	NLPH	8.75	5.45	8,100	41,000	---	3,800	1,500	2,700	9,500	---	---	---
	3/10/94	Sheen	7.46	6.74	---	---	---	---	---	---	---	---	---	---
	4/22/94	Sheen	7.78	6.42	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	7.61	6.59	15,000	39,000	---	3,400	930	2,400	8,900	---	---	---
	6/27/94	NLPH	7.97	6.23	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	9.21	4.99	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.61	4.59	320	57,000	---	2,100	470	2,600	8,100	---	---	---
	10/25/94	Sheen	9.93	4.27	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	8.16	6.04	---	---	---	---	---	---	---	---	---	---
	12/27/94	---	7.61	6.59	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	5.89	8.31	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	8.05	6.15	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	9.94	4.26	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	10.48	3.72	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	8.88	5.32	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	7.22	6.98	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	10.27	3.93	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	8.77	5.43	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	9.46	4.74	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	9.59	4.61	---	---	---	---	---	---	---	---	---	---
	9/2/97	Sheen	9.68	4.52	---	---	---	---	---	---	---	---	---	---
	12/2/97	NLPH	9.16	5.04	16,000	14,000	<250	210	<50	920	1,000	---	---	---
	3/24/98	NLPH	6.71	7.49	1,700	5,600	55	110	6.0	420	330	---	---	---
	6/23/98	NLPH	8.87	5.33	3,800	12,000	200	120	<20	300	300	---	---	---
	9/29/98	NLPH	9.79	4.41	2,400	4,900	130	130	12.0	410	200	---	---	---
	12/30/98	NLPH	9.03	5.17	2,000	6,700	520	100	11	400	250	---	---	---
	3/24/99	Sheen	4.91	9.29	688	3,730	15.5	35.9	1.58	150	112	---	---	---
	6/22/99	Sheen	5.66	8.54	4,090	7,220	56.4	29.0	<5.0	496	318	---	---	---
	9/29/99	NLPH	8.62	5.58	1,060g	5,200	103	83.0	5.90	322	126	---	---	---
	12/21/99	NLPH	8.59	5.61	1,800	4,400	<2	52	1.9	340	115	---	---	---
	3/21/00	j	---	---	---	---	---	---	---	---	---	---	---	---
	12/21/00		Well destroyed											

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

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
		<	feet	>					ug/l					
MW14	1/20/94	---	---	---	---	---	---	---	---	---	---	---	---	---
(15.18)	02/02-03/94	Not Accessible			---	---	---	---	---	---	---	---	---	---
	3/10/94	NLPH	7.84	7.34	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	8.00	7.18	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	7.93	7.25	11,002	300	---	2.7	7.9	2	27	---	---	---
	6/27/94	NLPH	8.19	6.99	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	9.44	5.74	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	9.82	5.36	NA	300	1,600	<0.5	<0.5	0.9	1.3	---	---	---
	10/25/94	NLPH	9.99	5.19	NA	200	210	<0.5	<0.5	0.8	<0.5	---	---	---
	11/30/94	---	8.16	7.02	---	---	---	---	---	---	---	---	---	---
	12/27/94	Sheen	8.15	7.03	---	---	---	---	---	---	---	---	---	---
	2/6/95	NLPH	7.18	8.00	1,200	360	---	<1.0	<1.0	<1.0	<1.0	---	---	400
	6/7/95	NLPH	7.70	7.48	1,100	670	<2.5	<0.5	<0.5	3.6	<0.5	---	450	---
	9/18/95	NLPH	9.88	5.30	1,900	1,300	<10	<2.0	<2.0	<2.0	3	---	1,200	---
	11/1/95	NLPH	10.56	4.62	2,700	1,100	<13	<2.5	<2.5	3.2	3.1	---	1,600	---
	2/14/96	NLPH	9.08	6.10	1,500	470	<2.5	<0.5	<0.5	1.3	<0.5	ND	680	---
	6/19/96	NLPH	8.50	6.68	2,000	610	<12	<2.5	<2.5	<2.5	<2.5	ND	670	---
	9/24/96	NLPH	10.23	4.95	5,100	1,000	<25	<5.0	<5.0	<5.0	<5.0	ND	4,500	---
	12/11/96	NLPH	9.09	6.09	2,100 l	1,100	<10	<2.0	<2.0	<2.0	3.3	ND	750	---
	3/19/97	NLPH	7.99	7.19	1,400	690	<2.5	0.65	1.7	2.5	8.3	ND	470	---
	6/4/97	NLPH	9.30	5.88	1,500	730	<2.5	<1.2	<1.2	3.5	5.3	ND	590	---
	9/2/97	NLPH	9.92	5.26	1,900	910	<5.0	<5.0	<5.0	<5.0	5.9	ND	1,300	---
	12/2/97	NLPH	9.13	6.05	1,200	570	<2.5	0.85	<0.5	<0.5	1.7	---	---	---
	3/24/98	NLPH	8.52	6.66	1,300	650	5.7	1.7	<1.0	<1.0	2.3	---	---	---
	6/23/98	NLPH	8.69	6.49	1,100	470	<2.5	<0.5	1.5	1.1	3.0	---	---	---
	9/29/98	NLPH	9.41	5.77	930	570	<2.5	<0.50	<0.50	2.5	3.5	---	---	---
	12/30/98	NLPH	9.31	5.87	2,000	420	<2.5	<0.5	<0.5	<0.5	2.8	---	---	---
	3/24/99	NLPH	4.23	10.95	936	456	<2.0	<0.5	<0.5	0.685	<0.5	---	---	---
	6/22/99	NLPH	7.24	7.94	1,720	403	<2.0	<0.5	<0.5	<0.5	<0.5	---	---	---
	9/29/99	NLPH	9.41	5.77	927g	388	<2.5	1.31	<0.5	0.864	2.07	---	---	---
	12/21/99	NLPH	8.93	6.25	1,400	420	<2	0.61	<0.5	<0.5	6.3	---	---	---
	3/21/00	NLPH	5.76	9.42	---	390	<2	1.4	<0.5	0.82	4.5	---	---	---
	3/30/01	NLPH	**4.21**	**10.97**	**980**	**330**	**<5k**	<0.5	<0.5	**1.3**	**3.03**	---	---	---

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

Well ID #	Sampling	SUBJ	DTW	Elev.	TPHd	TPHg	MTBE	B	T	E	X	VOCs	EHCss	TOG
(TOC)	Date	<	feet	>					ug/l					
MW1	1/20/94	NLPH	9.25	3.62	---	---	---	---	---	---	---	---	---	---
MW15	1/20/94	NLPH	7.48	6.25	---	---	---	---	---	---	---	---	---	---
(13.73)	02/02-03/94	NLPH	7.30	6.43	1,200	4,300	---	24	6.7	170	26	---	---	---
	3/10/94	NLPH	7.32	6.41	---	---	---	---	---	---	---	---	---	---
	4/22/94	NLPH	6.67	7.06	---	---	---	---	---	---	---	---	---	---
	05/10-11/94	NLPH	5.81	7.92	1,400	3,900	---	16	<0.5	150	13	---	---	---
	6/27/94	NLPH	6.14	7.59	---	---	---	---	---	---	---	---	---	---
	8/31/94	NLPH	7.20	6.53	---	---	---	---	---	---	---	---	---	---
	9/29/94	NLPH	7.76	5.97	420	2,500	---	51	15	48	3.6	---	---	---
	10/25/94	Sheen	8.19	5.54	---	---	---	---	---	---	---	---	---	---
	11/30/94	---	8.57	5.16	---	---	---	---	---	---	---	---	---	---
	12/27/94	NLPH	6.49	7.24	---	---	---	---	---	---	---	---	---	---
	2/6/95	Sheen	4.97	8.76	---	---	---	---	---	---	---	---	---	---
	6/7/95	Sheen	7.14	6.59	---	---	---	---	---	---	---	---	---	---
	9/18/95	Sheen	9.00	4.73	---	---	---	---	---	---	---	---	---	---
	11/1/95	Sheen	10.67	3.06	---	---	---	---	---	---	---	---	---	---
	2/14/96	Sheen	7.27	6.46	---	---	---	---	---	---	---	---	---	---
	6/19/96	Sheen	6.65	7.08	---	---	---	---	---	---	---	---	---	---
	9/24/96	Sheen	9.45	4.28	---	---	---	---	---	---	---	---	---	---
	12/11/96	Sheen	7.77	5.96	---	---	---	---	---	---	---	---	---	---
	3/19/97	Sheen	8.15	5.58	---	---	---	---	---	---	---	---	---	---
	6/4/97	Sheen	8.62	5.11	---	---	---	---	---	---	---	---	---	---
	9/2/97	NLPH	9.04	4.69	480	1,100	23	19	<2.0	11	4.9	---	---	---
	12/2/97	NLPH	8.43	5.30	600	1,700	58	20	<5.0	11	<5.0	---	---	---
	3/24/98	NLPH	6.35	7.38	450	2,100	<100	570	<20	<20	<20	---	---	---
	6/23/98	NLPH	7.79	5.94	570	2,300	<25	440	<5.0	30	<5.0	---	---	---
	9/29/98	Not Accessible		---	---	---	---	---	---	---	---	---	---	---
	12/30/98	NLPH	8.42	5.31	510	900	14	6.2	1.5	5.8	3.4	---	---	---
	3/24/99	NLPH	4.69	9.04	346	1,480	12.7	181	1.15	29.8	<1.0	---	---	---
	6/22/99	NLPH	5.42	8.31	558	864	6.49	12.7	<0.5	3.28	1.38	---	---	---
	9/29/99	NLPH	7.08	6.65	306g	316	<5.0	1.44	7.51	1.60	3.21	---	---	---
	12/21/99	NLPH	7.51	6.22	300	1,500	21	21	1.6	0.67	5.9	---	---	---
	3/21/00	NLPH	3.61	10.12	220	680	<2	10	<0.5	<0.5	4.5	---	---	---
			Well destroyed											

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

Notes:		
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Elevation of top of well casing; relative to mean sea level.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
[ ]	=	amount recovered
gal.	=	gallons
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA method 8021B.
VOCs	=	Volatile organic compounds/purgeable halocarbons analyzed using EPA method 601.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable Hydrocarbons as Stoddard Solvent analyzed using EPA method 8015.
---	=	Not measured/not analyzed.
<	=	Less than the indicated detection limit shown by the laboratory.
a	=	A peak eluting earlier than benzene and suspected to be methyl tertiary butyl ether was present.
b	=	Sample containers for TPPHg, BTEX, and MTBE were broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered gasoline C6 - C12 and unidentified hydrocarbons C6 - C12.
f	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
g	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
h	=	Total extractable petroleum hydrocarbons as diesel analyzed using EPA method 3510/8015 (modified), with silica gel cleanup.
j	=	Well inaccessible.
l	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
k	=	MTBE analyzed using EPA Method 8260B.

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
01/09/95	A-INF	70		160			210	39					
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					
01/10/95	A-INF	70		160			110	22	2.30	2.3	0.438	0.44	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/11/95	A-INF	70		160			70	12	1.29	3.6	0.244	0.68	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/12/95	A-INF	70		160			< 10	< 0.1	< 0.57	4.2	< 0.087	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/13/95	A-INF	70		160			< 10	< 0.1	< 0.14	4.3	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/14/95	A-INF	70		160			< 10	< 0.1	< 0.14	4.5	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/15/95	A-INF	70		158			< 10	< 0.1	< 0.14	4.6	< 0.001	< 0.77	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/16/95	A-INF	70		151			< 10	< 0.1	< 0.14	4.7	< 0.001	< 0.77	
	A-INT						10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/17/95	A-INF	70		155			< 10	0.13	< 0.14	4.9	0.002	< 0.78	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/18/95	A-INF	70		155			100	12	0.77	5.6	0.084	< 0.86	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/19/95		70		155	15	0	68		1.17	6.8			
01/20/95		70		155	14.4	0	66		0.93	7.7			
02/01/95	A-INF	70		147			39	3.5	13.19	20.9	1.471	< 2.33	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0013
02/14/95		70		147									
02/17/95		70		155	9	0	41		8.67	29.6			
02/27/95		70		151									
03/13/95	A-INF	70		176			< 10	0.42	< 14.21	43.8	1.137	< 3.47	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0016
03/31/95		70		116	2.3	0	10		2.01	45.8			
04/04/95		70		84	129	0.8	587		76.68	122.5			
04/12/95	A-INF	70		176			95	6.4	24.88	147.4	1.616	< 5.08	
	A-INT						< 10	0.38					

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF ppmv	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
	A-EFF						< 10	< 0.1					< 0.0016
04/19/95	A-INF	70		109			210	7.6	13.65	161.0	0.627	< 5.71	
	A-INT						47	12					
	A-EFF						< 10	< 0.1					< 0.0010
04/20/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of Carbon												
04/26/95	A-INF	70		84			400	9.1	18.49	179.5	0.640	< 6.35	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0008
05/01/95	Installed third 500 lb canister in series												
05/01/95	A-INF	70		168			Insufficient sample for analyses						
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
05/15/95		70		84									
05/19/95	A-INF	70		105			140	3.5	52.68	232.2	1.229	< 7.58	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0009
06/06/95	A-INF	70		178			36	0.22	20.12	252.3	0.535	< 8.11	
	A-INT						< 10	0.1					
	A-EFF						< 10	< 0.1					< 0.0016
06/08/95		70		164									
06/23/95	System Down - hydrocarbon vapor detector shut down												
06/27/95	Replaced one 500 lb carbon canister - restarted system												
06/27/95	A-INF	70		164			440	4.9	62.10	314.4	0.668	< 8.78	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
07/03/95	A-EFF						< 10	< 0.1					
07/10/95	Replaced one 500 lb carbon canister												
07/10/95	A-INF	70		168			230	2.8	64.89	379.3	0.746	< 9.53	
	A-INT						120	2.8					
	A-EFF						< 10	< 0.1					< 0.0015
07/19/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of Carbon												
07/25/95	Collect samples and shut system down pending results												
07/25/95	A-INF	70		205			67	< 0.5	37.29	416.6	< 0.414	< 9.94	
	A-INT						< 100	< 1					
	A-EFF						< 10	< 0.1					< 0.0018
7/28/95	System down - could not restart												
7/31/95	Restart system												
07/31/95	A-INF	70		164			500	14	18.78	435.4	< 0.480	< 10.42	
	A-INT						12	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
08/09/95	Replaced one 500 lb carbon canister												
08/15/95	System down - Remove hydrocarbon vapor detector and send to manufacture for calibration												
09/11/95	Replaced hydrocarbon vapor detector - Restarted system												
09/13/95	System Down - hydrocarbon vapor detector shut down												

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE	TEMP	PRESS	FLOW	INF	EFF	TPHg	Benzene	Per Period	Cumulative	Per Period	Cumulative	Emitted per Day
	ID	F	in H_2O	cfm	ppmv		mg/m^3	mg/m^3	Pounds	Pounds	Pounds	Pounds	pounds
09/18/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
09/18/95	A-INF	70		164			980	13	196.08	631.5	3.577	< 14.00	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
09/20/95	System Down - hydrocarbon vapor detector shut down												
09/25/95	Restarted system												
09/25/95	A-INF	70		164			NA						
	A-INT						NA	< 0.1					
	A-EFF						NA	< 0.1					
10/13/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
10/13/95	A-INF	70		168			2000	100	444.04	1,075.5	16.838	< 30.84	
	A-INT						< 10	< 0.05					
	A-EFF						< 10	< 0.05					< 0.0008
10/26/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
10/26/95		70		168	165	0	751		269.69	1,345.2			
11/06/95													
11/20/95	Replaced 2 ea x 500 lb canisters = 1000 lbs of carbon												
11/20/95	A-INF1	70		170			180	3.6	176.60	1,521.8	1.038	< 31.88	
	A-INF2						82	2					
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0015
11/26/95	System down												
12/04/95	Restart system	70		168	18.5	0.5	84		12.03	1,533.8			
12/18/95	A-INF	70		151			4600	50	469.45	2,003.3	10.105	< 41.98	
	A-INT						< 10	< 0.1					
	A-EFF						< 10	< 0.1					< 0.0014
01/02/96		70		147	51.7	8.2	235		485.04	2,488.3			
01/03/96	Shut system down, pending carbon change out												
01/08/96	changed out three carbon beds, #1, #2 & #3 carbon beds in-line												
01/08/96		70		151.2	105.4	0	480		28.72	2,517.0			
01/16/96	A-INF	70		142.8	62.3	0	180	< 0.1	7.50	2,524.5	< 0.000	< 41.98	
	A-EFF							< 0.1					< 0.0013
01/30/96		70		147	50.4	0	230		37.28	2,561.8			
02/14/96	A-INF	72		147	39.7	0	< 10	0.16	< 0.49	2,562.3	0.049	< 42.03	
	A-EFF						< 10	< 0.1					< 0.0013
02/27/96		70		136.5	1	0	5		1.20	2,563.5			
03/12/96	A-INF	70		136.5	2.2	0	< 10	< 0.1	< 1.25	2,564.8	< 0.045	< 42.07	
	A-EFF						< 10	< 0.1					< 0.0012
03/25/96	A-INF	70		147	2.4	0	< 10	< 0.1	< 1.65	2,566.4	< 0.017	< 42.09	
	A-EFF						< 10	< 0.1					< 0.0013
03/25/96	System shutdown to install Thermtech VAC-25 thermal/catalytic oxidizer												
08/05/96	Start-up system utilizing Thermtech VAC-25 thermal/catalytic oxidizer												
08/15/96	A-INF			110			410	4.7					
	A-EFF						< 10	< 0.05					< 0.0005
08/29/96				176	45.8	1.1	194		54.26	2,620.7			

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
09/06/96	A-INF			176			150	< 0.1	21.73	2,642.4	< 0.678	< 42.77	
	A-EFF						< 10	< 0.1					< 0.0016
09/09/96				176	96	4.4	406		13.18	2,655.6			
09/24/96				184.8	141	5.1	597		121.82	2,777.4			
10/03/96	A-INF			176			1300	< 1	138.22	2,915.6	< 0.235	< 43.00	
	A-EFF						< 10	< 0.1					< 0.0016
10/09/96				176	173	4.5	732		96.31	3,011.9			
10/14/96				184.8	105	4.4	444		47.63	3,059.6			
10/21/96				176	89.2	4.5	378		46.58	3,106.1			
10/30/96				176	58.3	0.7	247		44.38	3,150.5			
11/06/96	System down, unable to restart due to reset failure												
01/17/97	Replaced Thermalcouple, restarted unit												
01/31/97	A-INF			44			< 10	0.14	0.55	3,151.1	0.008	< 43.01	
	A-EFF						< 10	< 0.05					< 0.0002
02/06/97	A-INF			176			86	2.2	2.84	3,153.9	0.069	< 43.08	
	A-EFF						< 10	< 0.10					< 0.0016
02/14/97				176	25	2	106		12.12	3,166.0			
02/18/97				176	95	0.8	402		16.05	3,182.1			
02/28/97				176	53	0	224		49.48	3,231.6			
03/05/97	A-INF			176			210	< 0.10	17.15	3,248.7	< 0.491	< 43.57	
	A-EFF						< 10	< 0.10					< 0.0016
03/12/97				211.2	62	0.7	262						
03/19/97				220	33	1	140						
03/26/97				211.2	35	1	148						
04/02/97	A-INF			220			170	4.0	94.55	3,343.3	< 1.020	< 44.59	
	A-EFF						< 10	< 0.10					< 0.0020
04/09/97				220	40	1	169						
04/16/97				220	58	3	245						
04/23/97				220	30	1	127						
04/30/97				220	30	2	127						
05/08/97	A-INF			193.6			340	4.8	170.41	3,513.7	2.940	< 47.53	
	A-EFF						< 10	< 0.10					< 0.0017
05/14/97				193.6	80	1	339						
05/21/97				193.6	20	1	85						
05/28/97				176	42	0	178						
06/04/97	A-INF			176			360	2.9	156.76	3,670.4	1.724	< 49.26	
	A-EFF						< 10	< 0.10					< 0.0016
06/11/97				176	40	0	169						
06/18/97				158.4	38	0	161						
06/25/97				167.2	36	0	152						
07/02/97	A-INF			167.2			350	5.4	153.11	3,823.5	1.790	< 51.04	
	A-EFF						< 10	< 0.10					< 0.0015
07/09/97				202.4	29.4	0	124						
07/18/97				246.4	14.7	0	62						
07/22/97				246.4	54.2	0	229						

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
07/30/97				220	36.1	0	153						
08/07/97	A-INF			220			160	< 0.50	159.53	3,983.1	< 1.846	< 52.89	
	A-EFF						13	< 0.10					< 0.0020
08/11/97				220	19.1	0	81						
8/20/97				167.2	13.1	0	55						
8/27/97				158.4	20.0	0	85						
09/03/97	A-INF			158.4			400	< 1.0	128.39	4,111.5	< 0.344	< 53.23	
	A-EFF						< 10	< 0.10					< 0.0014
9/10/97				123.2	800	4.0	3386						
9/17/97				158.4	131	1.1	554						
9/24/97				176	40	0	169						
10/08/97	A-INF			176			200	3.1	157.59	4,269.1	1.077	< 54.31	
	A-EFF						< 10	< 0.10					< 0.0016
10/15/97				193.6	50	0.9	212						
10/22/97				176	50	1.5	212						
10/30/97				158.4	30	0	127						
11/5/97				167.2	65	7.6	275						
11/12/97	A-INF			176			880	< 0.10	298.58	4,567.6	< 0.885	< 55.20	
	A-EFF						< 10	< 0.10					< 0.0016
11/20/97				158.4	33	3.2	138						
11/25/97				123.2	56	3.0	237						
12/03/97	A-INF			220			NA	NA			NA	NA	
	A-EFF						< 10	< 0.10					< 0.0020
12/10/97				176	19	0.5	80						
12/17/97				193.6	16	0.6	68						
12/23/97				193.6	13	0.0	55						
12/29/97	A-INF			176			51	< 0.10	345.64	4,913.3	< 0.074	< 55.27	
	A-EFF						< 10	< 0.10					< 0.0016
01/06/98	A-INF			176			70	2.1	7.65	4,920.9	< 0.139	< 55.41	
	A-EFF						< 10	< 0.1					< 0.0016
1/13/98				211.2	6	1.0	25						
1/20/98				184.8	4	1.3	17						
02/03/98	System down due to chart recorder problem												
02/10/98	Restart system												
02/10/98	A-INF			132			< 10	1.1	< 15.48	< 4,936.4	0.619	< 56.03	
	A-EFF						< 10	< 0.1					< 0.0012
2/18/98				132.15	0.5	0.0							
2/23/98				158.4	0.6	0.1							
03/11/98	A-INF			193.6			< 10	1.5	< 4.24	< 4,940.6	0.551	< 56.58	
	A-EFF						< 10	< 0.1					< 0.0017
3/17/98				167.2	1.6	3.4							
03/20/98	System down due to control fault												
03/23/98	Restart system												
03/23/98				176	6.2	1.9							
03/30/98				167.2	0.4	0.8							

TABLE 2
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SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements				Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
04/07/98				176	1.4	1.1							
04/17/98				123.2	1.4	1.7							
04/21/98	A-INF			88			10	0.26	< 5.18	< 4,945.8	0.456	< 57.04	
	A-EFF						< 10	< 0.1					< 0.0008
04/28/98				88	2.3	1.6							
05/12/98	A-INF			88			< 10	< 0.1	< 1.66	< 4,947.5	< 0.032	< 57.07	
	A-EFF						< 10	< 0.1					< 0.0008
05/19/98				88	1.8	1.2							
05/28/98				88	1.7	1.2							
06/02/98	A-INF			88	4.3	2.1	18	< 0.1	< 2.32	< 4,949.8	< 0.017	< 57.08	
	A-EFF						< 10	< 0.1					< 0.0008
06/09/98				88	1.9	1.1							
06/17/98				96.8	1.7	0.9							
06/24/98				96.8	2.1	0.8							
07/08/98	A-INF			96.8	3.4	0.8	< 10	< 0.1	< 4.18	< 4,954.0	< 0.030	< 57.11	
	A-EFF						< 10	< 0.1					< 0.0009
07/14/98	A-INF			132	3.1	0.0	39	0.91	< 1.51	< 4,955.5	< 0.031	< 57.15	
	A-EFF						< 10	< 0.1					< 0.0012
07/14/98	Shut down vapor extraction system upon departure. One process blower not operating												
07/16/98	System Inspection, vapor extraction system still down.												
07/21/98	System down on arrival due to blown process blower fuse. Restarted system												
07/21/98				46.2	2.5	1.1							
07/27/98	System operated for 11 hours prior to samples being collected.												
07/27/98	A-INF			176	0.3	0.1	13	< 0.10	< 0.16	< 4,955.7	< 0.003	< 57.15	
	A-EFF						< 10	< 0.10					< 0.0016
08/05/98	System down on arrival due to cumbustion blower problems. System ran for one hour. Restarted system												
08/05/98	A-INF			184.8	4.1	0.0	90	2.50	0.02	< 4,955.7	< 0.001	< 57.15	
	A-EFF						< 10	< 0.1					< 0.0017
08/11/98	A-INF			193.6	2.7	0.3							
08/18/98	A-INF			202.4	3.1	0.3							
08/25/98				193.6	1.8	0.3							
09/03/98	System down upon arrival due to propane tank running empty. System operated for 16 days. Restarted system.												
09/03/98	A-INF			184.8	4.4	0.2	68	1.00	20.97	< 4,976.6	0.464	< 57.61	
	A-EFF						< 10	< 0.10					< 0.0017
09/08/98				202.4	1.8	0.2							
09/22/98	System down upon arrival due to low gas pressure control faulown 14 days												
09/22/98					2.7	0.3							
09/29/98				176	20.4	1.8							
10/06/98	A-INF			202.4	13.0	1.3	56	1.70	20.38	< 4,997.0	0.444	< 58.06	
	A-EFF						< 10	< 0.10					0.0018
	System down upon arrival due to propane tank running empty.System down for 115.5 hours.												
10/15/98				191.84	1.1	0.2							
10/20/98				193.6	78.6	0.3							

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
10/27/98				193.6	219.0	6.2							
11/04/98	A-INF			193.6	42.1	3.3	150	5.00	44.30	< 5,041.3	1.727	< 59.78	
	A-EFF						< 10	< 0.10					0.0017
11/12/98				184.8	32.4	3.7							
11/17/98				180.4	97.4	7.5							
11/17/98	System down upon arrival due to propane tank running empty.System down for 82 hours.												
12/02/98	System down upon arrival due to propane tank running empty. System down on departure.												
12/09/98	Restarted system												
12/09/98	A-INF			184.8	10.0	0.6	Bag flat						
	A-EFF						< 10	< 0.10					
12/16/98				184.8	8.5	0.0							
12/23/98	System down upon arrival due to propane tank running empty. System remained down												
01/06/99	Restarted system												
01/06/99	A-INF			281.6	61.6	2.8	63	0.15	< 47.70	< 5,089.0	< 1.153	< 60.94	
	A-EFF						< 10	< 0.1					< 0.0025
01/12/99	A-INF			264	2.8	0.0							
	A-EFF												
01/18/99	A-INF			220	100.8	6.4							
	A-EFF												
01/26/99	A-INF			184.8	32.0	5.6							
	A-EFF												
02/04/99	A-INF			176	12.5	6.7	< 50	< 0.5	< 33.65	< 5,122.7	< 0.076	< 61.01	
	A-EFF						< 50	< 0.5					< 0.0079
02/12/99	A-INF			132	15.2	0.8							
	A-EFF												
02/12/99	System down on departure, compound full with rain water.												
03/18/99	Pumped containment rain water into storage tank, restarted system.												
03/18/99	A-INF			246.4	16.2	0	< 10	< 0.5	< 4.55	< 5,127.2	< 0.076	< 61.09	
	A-EFF						< 10	< 0.5					< 0.0111
03/30/99	A-INF			132	11.5	0							
	A-EFF												
04/09/99	A-INF			154	2.4	0							
	A-EFF												
04/16/99	A-INF			140.8	0	0.9	< 10	< 0.1	< 5.04	< 5,132.3	< 0.151	< 61.24	
	A-EFF						< 10	< 0.1					< 0.0013
04/21/99	A-INF			123.2	5.5	0							
	A-EFF												
04/28/99	A-INF			123.2	10.1	0							
	A-EFF												
05/04/99	A-INF			132	0	0							
	A-EFF												
05/13/99	A-INF			176	1.3	0	< 10	< 0.1	< 3.84	5,136.1	< 0.038	< 61.28	
	A-EFF						< 10	< 0.1					< 0.0016
05/18/99	A-INF			176	1.3	0							

TABLE 2
CUMULATIVE HYDROCARBON REMOVAL AND EMISSIONS FOR
SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

		Field Measurements					Laboratory Analytical Results		TPHg Removal		Benzene Removal		Benzene
DATE	SAMPLE ID	TEMP F	PRESS in H_2O	FLOW cfm	INF ppmv	EFF ppmv	TPHg mg/m^3	Benzene mg/m^3	Per Period Pounds	Cumulative Pounds	Per Period Pounds	Cumulative Pounds	Emitted per Day pounds
	A-EFF												
05/25/99	A-INF			167.2	0	0							
	A-EFF												
06/11/99	System down upon arrival, emergency stop button was activated.												
06/11/99	A-INF			167.2	4.9	4.5							
	A-EFF												
06/17/99	System operated for 24.3 day for removal calculations.												
06/17/99	A-INF			167.2	1.3	1	< 10	< 0.1	< 3.74	5,139.9	< 0.037	< 61.32	
	A-EFF						< 10	< 0.1					< 0.0015
06/17/99	System shut down for pulsing												
06/25/99	System restarted												
06/25/99	A-INF			176	3.3	0							
	A-EFF												
06/29/99	A-INF			176	2.9	0							
	A-EFF												
07/06/99	A-INF			123.2	0	0	< 10	< 0.1	< 1.43	5,141.3	< 0.014	< 61.33	
	A-EFF						< 10	< 0.1					< 0.0011
07/16/99	A-INF			158.4	1.6	0.3							
	A-EFF												
07/16/99	System shut down for pulsing												
07/22/99	System restarted												
07/22/99	A-INF			176	0	0.7							
	A-EFF												
07/28/99	A-INF			167.2	5.4	0	15.5	< 0.1	< 2.66	5,143.9	< 0.018	< 61.35	
	A-EFF						< 10	< 0.1					< 0.0015
07/28/99	System shut down for pulsing												

Notes:

A-INF	= Air Influent	HC	= Hydrocarbons measured as total purgeable petroleum hydrocarbons as gasoline analyized using EPA method 8015 (modified)
A-INT	= Air Intermediate	ug/l	= micrograms per liter
A-EFF	= Air Effluent	mg/cuM	= milligrams per cubic meter
NA	= Not Analyzed	lb	= pounds
cu. ft/min	= cubic feet per minute	acfm	= actual cubic feet per minute
ppmv	= parts per million by volume	<	= less than the laboratory method detection limit

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

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/l	B ug/l	T ug/l	E ug/l	X ug/l	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
01/09/95	0		W-INF	3400	630	190	100	460	NA				
	--	--	W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
	--	--	W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0076				
01/10/95	--	--	--										
01/11/95	795	398	--	--	--	--	--	--	--				
01/13/95	1,065	135	System shut down pending EBMUD arsenic revision (discharge limit of 0.0012 ppm)										
01/23/95	1,065	0	--	--	--	--	--	--	--				
02/13/95	1,065	0	--	--	--	--	--	--	--				
02/14/95	1,065	0	--	--	--	--	--	--	--				
02/17/95	1,065	0	--	--	--	--	--	--	--				
02/27/95	1,065	0	--	--	--	--	--	--	--				
03/07/95	1,065	0	EBMUD arsenic revision (discharge limit of 0.05 ppm)										
03/13/95	10,800	1,623	W-INF	110	7.4	0.5	0.53	6	NA	0.1581	0.1581	0.0287	0.0287
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<0.005				
03/21/95	11,660	108	W-INF	<50	4.5	<0.5	<0.5	5.5	NA	0.0006	0.1587	0.0000	0.0288
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0059				
	System shut down - 55-gallon liquid phase carbon canister (leak)												
03/30/95	11,760	11	Replaced one 55-gallon liquid phase carbon canister (leak)										
04/04/95	11,760		Replaced one 55-gallon liquid phase carbon canister (leak) - Started system										
04/04/95	12,660	180	W-INF	220	66	11	4.8	16	NA	0.0011	0.1598	0.0003	0.0291
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0096				
04/12/95	53,200	5,068	W-INF	770	110	19	<5.0	160	NA	0.1674	0.3273	0.0298	0.0588
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<0.005				
04/19/95	73,710	2,930	W-INF	400	47	5.4	<0.5	40	NA	0.1001	0.4274	0.0134	0.0723
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0055				
04/26/95	82,820	1,301	W-INF	1500	190	44	12	150	NA	0.0722	0.4996	0.0090	0.0813
			W-INT	200	31	3.2	<0.5	15	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.008				
05/09/95	83,750	72	Replaced two 55-gallon liquid phase carbon canisters (leaks)										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
05/26/95	97,840	829	W-INF	680	210	16	5.8	28	NA	0.1366	0.6362	0.0251	0.1063
			W-INT	<50	0.94	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
06/06/95	Added two 55-gallon liquid phase carbon canisters in series												
06/06/95	Replaced one 55-gallon liquid phase carbon canister (leak)												
06/08/95			W-INF	2800	660	300	54	340	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
06/27/95	125,010	849	W-INF1	4500	1700	99	35	220	NA	0.5871	1.2233	0.2165	0.3228
			W-INF2	810	420	20	7.9	58	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	0.53	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/10/95	131,370	489	Replaced two 55-gallon liquid phase carbon canisters										
07/11/95	131,690	320	W-INF1	1600	530	15	<10	59	NA	0.1700	1.3933	0.0621	0.3850
			W-INF2	630	270	7.0	<5.0	25	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.041				
			Additional Analyses: ND Purgeable Volatile Organics, ND Priority Pollutant Metals, except for 12 ppb nickel and 8.0 ppb zinc										
07/25/95	141,550	704	System down pending results of air samples										
7/28/95	System Down - Could not Restart												
7/31/95	Restart System												
08/15/95	System Down - Remove hydrocarbon vapor detector and send to manufacturer for calibration												
09/11/95	Replaced hydrocarbon vapor detector - Restarted System												
09/13/95	System Down - hydrocarbon vapor detector shut down												
9/18/95	Restart System												

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
09/18/95	148,550	244	W-INF1	1900	590	33	16	120	NA	0.2462	1.6395	0.0788	0.4637
			W-INF2	490	150	7.6	3.1	30	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
09/20/95	System Down - hydrocarbon vapor detector shut down												
09/25/95	Restart System												
09/28/95	System Down - hydrocarbon vapor detector shut down												
10/13/95	151,380	113	W-INF1	4900	1400	310	120	480	NA	0.0803	1.7197	0.0235	0.4872
			W-INF2	780	230	49	15	72	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.0079				
			Additional Analyses: ND Purgeable Volatile Organics										
10/26/95	154,143	213											
11/06/95	157,906	342											
11/20/95	159,664	126	W-INF1	630	140	<5.0	6.9	22	NA	0.1911	1.9108	0.0532	0.5404
			W-INF2	230	36	1.6	2.2	7.6	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
11/27/95	System Down												
11/29/95	160,361	77	Restart System										
12/4/95	161,442	216											
12/18/95	168,304	490	W-INF1	8900	1100	240	130	2200	NA	0.3435	2.2543	0.0447	0.5851
			W-INF2	3900	380	85	60	890	NA				
			W-INT	<50	1.3	<0.5	<0.5	5.1	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/02/96	171,770	231											
01/08/96	173,707	323											
01/16/96	178,573	608	W-INF	490	53	1.8	3.9	35	NA	0.4023	2.6566	0.0494	0.6345
			W-INF2	150	8.1	<0.5	0.61	6.8	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/30/96	190,030	818											

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
02/14/96	202,610	839	W-INF1	840	220	25	<2.5	36	NA	0.1334	2.7900	0.0274	0.6619
			W-INF2	410	96	10	1.1	23	NA				
			W-INT	<50	0.58	1.8	<0.5	2.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/27/96	216,100	1,038											
03/12/96	System down upon arrival												
03/12/96	216,590	35	W-INF1	1700	410	110	26	130	NA	0.1481	2.9381	0.0367	0.6986
			W-INF2	420	94	24	5.9	33	NA				
			W-INT	<50	0.53	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/25/96	217,460	67	W-INF1	100	6.6	<0.5	<0.5	7	NA	0.0065	2.9446	0.0015	0.7002
			W-INF2	<50	3.9	<0.5	<0.5	1.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/25/96	System shutdown, removal of blower/carbon to thermal oxidizer												
07/22/96	Start-up remediation system												
07/22/96	219,802	20	W-INF1	3100	330	53	180	630	NA	0.0313	2.9759	0.0033	0.7034
			W-INF2	2500	330	41	140	480	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/01/96	System down on arrival, unable to obtain emission flow rate and samples. Notified BAAQMD												
08/01/96	247,305	2,750											
08/09/96			W-INF1	1500	550	6.0	12	69	NA				
			W-INF2	240	71	0.91	1.3	9.2	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/15/96	252,600	378											
08/29/96	256,508	279											
09/06/96	258,828	290	W-INF1	<50	<0.5	<0.5	<0.5	<0.5	NA	0.5128	3.4887	0.0538	0.7573
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
9/20/96	260,063	88											
9/24/96	262,422	590											
10/3/96	263,150	81											

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/l	B ug/l	T ug/l	E ug/l	X ug/l	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
10/14/96	263,232	7	System down, air compressor, unable to obtain samples. Notified EBMUD										
01/02/97	263,232		Replaced compressor, restarted unit										
01/31/97	290,045	925	W-INF	5,500	1,700	580	120	740	NA	0.6208	4.1095	0.1902	0.9475
			W-INT1	190	39	12	2.1	13	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/06/97	313,800	3,959	W-INF1	5,100	910	160	45	910	NA	1.0504	5.1600	0.2586	1.2061
			W-INT2	570	62	12	2.9	86	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
2/14/97	323,820	1,253											
2/18/97	327,856	1,009											
2/28/97	335,480	762											
03/05/97	340,178	940	W-INF1	980	100	5.0	2.1	54	NA	0.6690	5.8290	0.1111	1.3172
			W-INF2	<50	0.81	<0.5	<0.5	<0.5	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
3/12/97	344,977	686											
3/19/97	346,176	171											
3/26/97	346,927	107											
04/02/97	351,729	686	W-INF	430	120	1.8	5.3	19	NA	0.0679	5.8969	0.0106	1.3278
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
4/9/97	356,009	611											
4/16/97	358,700	384											
04/23/97	System down on arrival												
4/30/97	361,241	182											
5/8/97	365,440	525											
5/14/97	368,270	472	System down, bad float on air stripper										
05/21/97	370,444	311	W-INF	1,300	360	<5.0	16	21	NA	0.1351	6.0320	0.0375	1.3653
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
	System down, bad float on air stripper												
5/28/97	372,219	254	System down, bad float on air stripper										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/l	B ug/l	T ug/l	E ug/l	X ug/l	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
06/04/97			Replaced float, restarted system										
06/04/97	375,230	430	W-INF1	1,600	510	5.8	17	16	NA	0.0579	6.0899	0.0174	1.3827
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
6/11/97	378,550	474	System down, faulty transfer pump										
07/22/97	Restarted system												
07/22/97	379,120	14	W-INF1	1,300	520	6.2	6.2	34	NA	0.0466	6.1365	0.0165	1.3992
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/29/97	379,315	28											
08/07/97	385,510	688	W-INF1	1,400	400	13	21	52	NA	0.0720	6.2085	0.0245	1.4238
			W-INF2	<50	2.0	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
08/13/97	388,390	480											
08/20/97	391,380	427											
08/27/97	393,545	309											
09/03/97	395,744	314											
09/10/97	397,402	237	W-INF1	<50	<0.5	<0.5	<0.5	<0.5	NA	0.0719	6.2804	0.0199	1.4436
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
09/17/97	399,232	261											
09/24/97	400,746	216											
10/08/97	403,527	199	W-INF1	<50	0.53	<0.5	<0.5	<0.5	NA	0.0026	6.2829	0.00003	1.4437
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
10/15/97	403,935	58											
10/22/97	406,161	318											
10/30/97	407,795	204											
11/05/97	408,668	146											
11/12/97	410,116	207											

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

	Total	Average		Laboratory Analytical Results						TPHg Removal		Benzene Removal	
Date	Flow	Flowrate	Sample	TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
11/20/97	413,391	409											
11/25/97	415,500	422											
12/02/97	421,667	881	W-INF1	660	180	10	8.2	13	NA	0.0537	6.3367	0.0137	1.4573
			W-INF2	410	110	5.3	5.3	8.9	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
12/03/97	422,595	928											
12/10/97	429,205	944											
12/17/97	436,179	996											
12/23/97	441,533	892											
12/29/97	445,796	711											
01/06/98	System down,high water. Restarted system												
01/06/98	449,395	450	W-INF1	1,600	640	25	<10	36	NA	0.2614	6.5981	0.0949	1.5522
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
01/13/98	455,054	808											
01/20/98	463,576	1,217											
02/03/98	478,169	1,042	W-INF1	1,800	780	66	40	580	NA	0.4081	7.0062	0.1705	1.7226
			W-INF2	530	180	12	6.4	110	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
02/10/98	481,638	496											
02/18/98	497,659	2,003											
02/23/98	499,350	338											
03/11/98	System down,high water. Restarted system												
03/11/98	542,708	2,710	W-INF1	2,000	670	24	9.6	220	NA	1.0231	8.0293	0.3904	2.1130
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
03/23/98	System down due to solinoid												

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow gal	Average Flowrate gpd	Sample ID	Laboratory Analytical Results TPHg ug/l	B ug/l	T ug/l	E ug/l	X ug/l	Arsenic mg/l	TPHg Removal Per Period lbs	TPHg Removal Cumulative lbs	Benzene Removal Per Period lbs	Benzene Removal Cumulative lbs
04/07/98	Replaced solinoid and restarted system												
04/07/98	547,022	160	W-INF1	2,100	380	65	76	350	NA	0.0738	8.1031	0.0756	2.1886
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
04/17/98	583,780	3,676											
04/21/98	585,720	485											
04/28/98	598,920	1,886											
05/05/98	606,610	1,099	W-INF1	2,300	380	27	26	390	NA	1.0938	9.1968	0.1889	2.3775
			W-INF2	130	2.6	0.65	<0.5	4.3	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
05/12/98	613,920	1,044											
05/19/98	621,120	1,029											
05/28/98	628,580	829											
06/02/98	634,760	1,236	Samples were collected but inadvertantly not analyzed by the laboratory.										
06/09/98	635,740	140											
06/17/98	642,810	884											
06/24/98	645,760	421											
07/08/98	645,800	3											
07/14/98	649,980	697	W-INF1	2700	480	<25	92	270	NA	0.9046	10.1015	0.1556	2.5331
			W-INF2	NS	NS	NS	NS	NS	NS				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/14/98	649,980	System down on departure											
07/16/98	System run manually for the East Bay Municipal Utility District Inspection, effluent split samples taken. System still down.												
07/16/98			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
07/21/98	650,180	29											
07/27/98	655,260	847											
07/27/98	System shutdown until propane can be refilled to restart the Thermtech Vac 25.												
08/05/98	Restarted system												
08/05/98	655,260	0	W-INF1	510	240	4.7	3.5	27	NA	0.0707	10.1722	0.0159	2.5490
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
08/11/98	657,650	398											
08/18/98	662,740	727											
08/25/98	665,330	370											
09/03/98	System was down upon arrival due to low propane. System was restarted.												
09/03/98	667,700	263	W-INF1	400	110	<2.5	<2.5	9.4	NA	0.0472	10.2194	0.0182	2.5671
			W-INF2	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
09/08/98	System down upon arrival due to a failed sump pump. System was restarted.												
09/08/98	669,720	404											
09/22/98	673,870	296											
09/29/98	673,940	10											
10/06/98	676,292	336	W-INF1	990	300	<5.0	7.2	24	NA	0.0498	10.2692	0.0147	2.5818
			W-INF2	<50	0.6	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
10/15/98	679,330	336	System down until carbon change out.										
10/20/98	679,330	0	System down until carbon change out.										
10/27/98	679,520		W-INF1	1600	510	<10	10	62	NA	0.0349	10.3041	0.0109	2.5927
			W-INF2	<50	4.6	<0.5	<0.5	<0.5	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	0.19				
11/04/98	682,780	407	System shutdown on departure due to problems with the feed pump.										
11/12/98	682,810		System restarted upon departure of site.										
11/17/98			Fix problem with float in water stripper. System restarted on departure.										
11/24/98			System running on departure.										
11/24/98	687,980	430	W-INF1	420	100	3.8	2.7	3.3	NA	0.0713	10.3754	0.0215	2.6143
			W-INF2	78	3.3	8.6	<0.5	0.51	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
11/25/98			Inspection by EBMUD.										
11/25/98	688,262	646	W-EFF	<50	<.50	<.50	<.50	<.50	NA				
12/02/98	689,150	52	System down upon arrival. System restarted on departure.										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR
GROUNDWATER REMEDIATION SYSTEM
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

Date	Total Flow	Average Flowrate	Sample	Laboratory Analytical Results						TPHg Removal		Benzene Removal	
				TPHg	B	T	E	X	Arsenic	Per Period	Cumulative	Per Period	Cumulative
	gal	gpd	ID	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	lbs	lbs	lbs	lbs
12/09/98	695,800		W-INF1	1500	480	19	49	120	NA	0.0626	10.4380	0.0189	2.6332
			W-INF2	310	95	3.1	3.9	32	NA				
			W-INT	<50	<0.5	<0.5	<0.5	<0.5	NA				
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	NA				
12/16/98	695,800		System down upon arrival. System restarted on departure.										
12/23/98	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/06/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/12/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/18/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
01/26/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
02/04/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
02/12/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
03/18/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
03/30/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
04/09/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
04/16/99	702,994		System down on departure, pending a permit renewal from EBMUD.										
05/04/99	702,994		System down for the month of May. No Permit renewal from EBMUD.										
06/11/99	702,994		System down for the month of June. No Permit renewal from EBMUD.										
07/28/99	702,994		System shutdown pending closure.										

W-INF1	= water influent before stripper or before tank	B	= Benzene	NA	= Not applicable
W-INF2	= water influent after stripper or after filters	T	= Toluene	NS	= Not sampled
W-INT	= water intermediate samples	E	= Ethylbenzene		
W-EFF	= water effluent samples	X	= Total Xylenes		
TPHg	= Total petroleum hydrocarbons as gasoline	<	= less than the laboratory method detection limit as indicated		
gpd	= gallons per day	ug/L	= micrograms per liter		
gal	= gallons	mg/L	= milligrams per liter		

550 ft Scale: 1 : 19,200 Detail: 13-0 Datum: WGS84

FN 2010

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

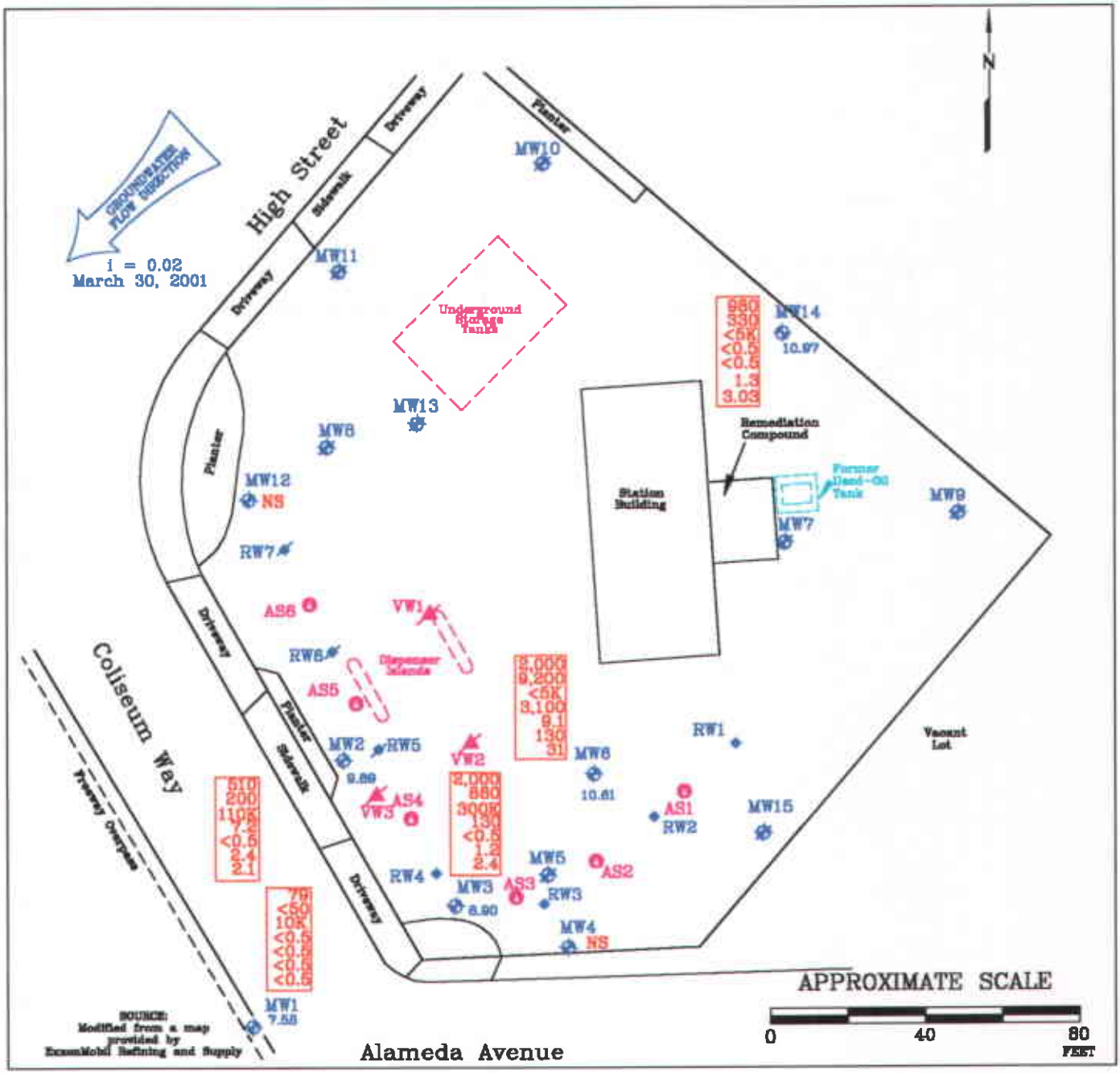
SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

ERI ENVIRONMENTAL RESOLUTIONS, INC.

SITE VICINITY MAP

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

PROJECT NO.	2010
PLATE	1



FN 20100002

EXPLANATION

- MW14 / 10.97 — Groundwater Monitoring Well; Groundwater Elevation in feet above mean sea level
- MW5 — Destroyed Groundwater Monitoring Well
- RW2 — Recovery Well
- RW7 — Destroyed Recovery Well
- VW3 — Vadose Well
- VW1 — Destroyed Vadose Well
- AS6 — Air Sparging/Vapor Extraction Well
- i = Interpreted Groundwater Gradient

Groundwater Concentrations in ug/L
Sampled March 30, 2001

2,000	Total Petroleum Hydrocarbons as diesel
9,200	Total Petroleum Hydrocarbons as gasoline
<5	Methyl Tertiary Butyl Ether
3,100	Benzene
9.1	Toluene
130	Ethylbenzene
31	Total Xylenes
<	Less Than the Stated Laboratory Detection Limit
ug/L	Micrograms per Liter
NS	Not Sampled
K	Analyzed using EPA Method 8260B.

ENVIRONMENTAL RESOLUTIONS, INC.

GENERALIZED SITE PLAN

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

PROJECT NO. 2010

PLATE 2

ATTACHMENT A

GROUNDWATER SAMPLING PROTOCOL

ENVIRONMENTAL RESOLUTIONS, INC.
GROUNDWATER SAMPLING PROTOCOL

The static water level and separate-phase product level, if present, in each well that contained water and/or separate-phase product are measured with a MMC Interface Probe, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater flow direction and gradient, depth to water (DTW) levels are subtracted from wellhead elevations.

Water samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples were checked for measurable separate-phase hydrocarbon product or sheen. Any separate-phase product is removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until stabilization of the temperature, pH, and conductivity are obtained, or until a minimum of three well casing volumes are purged. 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:

One well casing volume in gallons = $\pi r^2 h(7.48)$ 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 one well casing volume = well casing volumes removed.

After purging, each well was allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover to at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples were collected with a new, disposable Teflon® bailer, and were carefully poured into 40-milliliter (ml) glass vials, which are filled so as to produce a positive meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally insulated ice chest, accompanied by a Chain of Custody Record, to a California-certified laboratory.

ATTACHMENT B

LABORATORY ANALYSIS REPORTS AND CHAIN OF CUSTODY RECORDS

ATTACHMENT C

ERI SOP-25 "HYDROCARBONS REMOVED FROM A VADOSE WELL"

HYDROCARBONS REMOVED FROM A VADOSE WELL
SOP-25
Rev. 10 C

Rev. 4/29/97

POUNDS OF HYDROCARBON IN AN VAPOR STREAM

INPUT DATA:
1) Vapor flow rate acfm (usually by Pitot tube)
2) Vapor pressure at the flow measuring device (in inches of H_2O) (use {-} for vacuum)
3) Vapor temperature at the flow measuring device.
4) Hydrocarbon content of vapor (usually in mg/M^3) for ppmv you need molecular weight.
5) Length of time (usually hours) over which flow rate occurred)

From periodic measurements, a calculation of total pounds of hydrocarbons removed from a well or from a system are calculated. The input data listed above are measured at a point in time. To calculate quantities removed, some assumptions must be made about what was happening between measurements. The following assumptions will be used for the sake of consistency:

ASSUMPTIONS:
1) Vapor flow for the period equals the average of the initial and final reading for the period.
2) Pressure and temperature for the entire period will be the final reading.
3) Hydrocarbon concentration for the period equals the average of the initial and final reading.
4) The hours of operation can be taken from an hour meter, an electric meter or will be assumed to be equal to the time between measurements.
5) If the unit is found down - try to determine how many hours it did operate and use the data taken for the previous period to make the calculations. Restart the unit and then take data to start the next period.

SAMPLE DATA AND CALCULATIONS

Date	Time	Temp deg F	Press in H_2O	HC conc mg/M3 acfm	Vapor flow lb. rem.	Calc.
1/6/95	11:00	70	-46	2000	120	
1/7/95	13:00	55	-50	1350	90	
1/8/95	10:00	80	-13	750	100	7.4

Calculate the pounds of hydrocarbon removed from the system during the basis period from 13:00 (1:00 pm) on the 7th to 10 am on the 8th. Pressure and temperature of the measurements (at the flow meter) must be corrected to the P and T used to report the HC concentration (which are P = 1 atm and T = 70 deg F). 1 atm = 14.7psia, 760 mm Hg, or 407 in H_2O. T_{abs} = 460 + T deg F

Hours of operation = 21, T = 80, P = -13, HC = (1350+750)/2 = 1050 mg/M^3, Flow = 95

$$21 \times 60 \times 95 \times \frac{(460+70)}{(460+80)} \times \frac{(407-13)}{407} \times \frac{28.3}{1000} \times \frac{1050}{1000} \times \frac{1}{454} = 7.4 \text{ lb}$$

$$\frac{\text{hr}}{\text{basis}} \times \frac{\text{min}}{\text{hr}} \times \frac{\text{cu ft}}{\text{min}} \times T_{Corr} \times P_{Corr} \times \frac{M^3}{\text{cu ft}} \times \frac{g}{M^3} \times \frac{\text{lb}}{g} = \frac{\text{lb}}{\text{basis}}$$

$$21 \times 60 \times 95 \times 0.98 \times 0.97 \times 0.0283 \times 1.050 \times 1/454 = 7.4 \text{ lb.}$$

cumulative lbs. (the running total) = the sum of all the previous periods.

Note: If results are given in ppm, an assumption about the molecular weight of the hydrocarbon must be made to get mg/M^3. ppmv x molecular wt. /24.1 = mg/M^3. (Use 102 for gasoline)

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

MAY 0 1 2001

EXXON Company U.S.A.

Certificate of Analysis Number:

01040063

Report To:		Project Name:	201013X
Environmental Resolution, Inc.		Site:	7-3006
Scott Thompson •		Site Address:	720 High Street
73 Digital Drive Suite 100			Oakland CA
Novato		PO Number:	EWR#21040349
California		State:	California
94949-		State Cert. No.:	1903
ph: (415) 382-9105	fax: (415) 382-1856	Date Reported:	4/19/01

This Report Contains A Total Of 19 Pages

Excluding This Page

And

Chain Of Custody

4/24/01

Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Case Narrative for:

EXXON Company U.S.A.

Certificate of Analysis Number:

01040063

Report To:		Project Name:	201013X	
Environmental Resolution, Inc.		Site:	7-3006	
Scott Thompson •		Site Address:	720 High Street	
73 Digital Drive Suite 100			Oakland	CA
Novato		PO Number:	EWR#21040349	
California		State:	California	
94949-		State Cert. No.:	1903	
ph: (415) 382-9105	fax: (415) 382-1856	Date Reported:	4/19/01	

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

4/24/01

Sonia West
Senior Project Manager

Date

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

EXXON Company U.S.A.

Certificate of Analysis Number:

01040063

Report To: Environmental Resolution, Inc.
Scott Thompson
73 Digital Drive Suite 100

Novato
California
94949-
ph: (415) 382-9105 fax: (415) 382-1856

Fax To: Environmental Resolution, Inc.
Scott Thompson fax : (415) 382-1856

Project Name: 201013X
Site: 7-3006
Site Address: 720 High Street
Oakland CA
PO Number: EWR#21040349
State: California
State Cert. No.: 1903
Date Reported: 4/19/01

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
[illegible]	01040063-01	Water	3/30/01	4/3/01 10:00:00 AM		☐
[illegible]-BB-MW14	01040063-02	Water	3/30/01 2:10:00 PM	4/3/01 10:00:00 AM		☐
W-7-MW14	01040063-03	Water	3/30/01 2:20:00 PM	4/3/01 10:00:00 AM		☐
[illegible]-6-MW1	01040063-04	Water	3/30/01 2:32:00 PM	4/3/01 10:00:00 AM		☐
[illegible]-3-MW2	01040063-05	Water	3/30/01 2:45:00 PM	4/3/01 10:00:00 AM		☐
W-18-MW6	01040063-06	Water	3/30/01 2:54:00 PM	4/3/01 10:00:00 AM		☐
[illegible]-4-MW3	01040063-07	Water	3/30/01 3:03:00 PM	4/3/01 10:00:00 AM		☐

Sonia West

4/24/01

[illegible]nia West
Senior Project Manager
Date

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID TB | **Collected:** 3/30/01 | **SPL Sample ID:** 01040063-01

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				**MCL**	**CA_GRO**	**Units: ug/L**		
Gasoline Range Organics	ND		50	1		04/05/01 1:05	DL	627441
Surr: 1,4-Difluorobenzene	103	%	62-144	1		04/05/01 1:05	DL	627441
Surr: 4-Bromofluorobenzene	97.0	%	44-153	1		04/05/01 1:05	DL	627441
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		0.5	1		04/05/01 1:05	DL	627392
Ethylbenzene	ND		0.5	1		04/05/01 1:05	DL	627392
Toluene	ND		0.5	1		04/05/01 1:05	DL	627392
m,p-Xylene	ND		0.5	1		04/05/01 1:05	DL	627392
o-Xylene	ND		0.5	1		04/05/01 1:05	DL	627392
Xylenes,Total	ND		0.5	1		04/05/01 1:05	DL	627392
Surr: 1,4-Difluorobenzene	95.2	%	72-137	1		04/05/01 1:05	DL	627392
Surr: 4-Bromofluorobenzene	83.7	%	48-156	1		04/05/01 1:05	DL	627392
VOLATILE ORGANICS BY METHOD 8260B				**MCL**	**SW8260B**	**Units: ug/L**		
Methyl tert-butyl ether	ND		5	1		04/09/01 17:11	LT	632826
Surr: 1,2-Dichloroethane-d4	96.0	%	62-119	1		04/09/01 17:11	LT	632826
Surr: 4-Bromofluorobenzene	100	%	78-123	1		04/09/01 17:11	LT	632826
Surr: Toluene-d8	104	%	74-122	1		04/09/01 17:11	LT	632826

Sonia West

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-BB-MW14 **Collected:** 3/30/01 2:10:00 **SPL Sample ID:** 01040063-02

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	ND		50	1		04/12/01 15:02	AM	638491
Surr: n-Pentacosane	95.2	%	20-150	1		04/12/01 15:02	AM	638491

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50	1		04/05/01 1:29	DL	627442
Surr: 1,4-Difluorobenzene	105	%	62-144	1		04/05/01 1:29	DL	627442
Surr: 4-Bromofluorobenzene	97.3	%	44-153	1		04/05/01 1:29	DL	627442
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5	1		04/05/01 1:29	DL	627394
Ethylbenzene	ND		0.5	1		04/05/01 1:29	DL	627394
Toluene	ND		0.5	1		04/05/01 1:29	DL	627394
m,p-Xylene	ND		0.5	1		04/05/01 1:29	DL	627394
o-Xylene	ND		0.5	1		04/05/01 1:29	DL	627394
Xylenes,Total	ND		0.5	1		04/05/01 1:29	DL	627394
Surr: 1,4-Difluorobenzene	94.6	%	72-137	1		04/05/01 1:29	DL	627394
Surr: 4-Bromofluorobenzene	84.6	%	48-156	1		04/05/01 1:29	DL	627394
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	ND		5	1		04/09/01 17:38	LT	632829
Surr: 1,2-Dichloroethane-d4	100	%	62-119	1		04/09/01 17:38	LT	632829
Surr: 4-Bromofluorobenzene	96.0	%	78-123	1		04/09/01 17:38	LT	632829
Surr: Toluene-d8	104	%	74-122	1		04/09/01 17:38	LT	632829

Sonia West

Sonia West
Project Manager

Qualifiers:
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B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-7-MW14 **Collected:** 3/30/01 2:20:00 **SPL Sample ID:** 01040063-03

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	980		50	1		04/12/01 15:41	AM	638492
Surr: n-Pentacosane	81.8	%	20-150	1		04/12/01 15:41	AM	638492

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	330		50	1		04/05/01 1:53	DL	627443
Surr: 1,4-Difluorobenzene	107	%	62-144	1		04/05/01 1:53	DL	627443
Surr: 4-Bromofluorobenzene	129	%	44-153	1		04/05/01 1:53	DL	627443
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5	1		04/05/01 1:53	DL	627395
Ethylbenzene	1.3		0.5	1		04/05/01 1:53	DL	627395
Toluene	ND		0.5	1		04/05/01 1:53	DL	627395
m,p-Xylene	0.83		0.5	1		04/05/01 1:53	DL	627395
o-Xylene	2.2		0.5	1		04/05/01 1:53	DL	627395
Xylenes,Total	3.03		0.5	1		04/05/01 1:53	DL	627395
Surr: 1,4-Difluorobenzene	102	%	72-137	1		04/05/01 1:53	DL	627395
Surr: 4-Bromofluorobenzene	87.3	%	48-156	1		04/05/01 1:53	DL	627395
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	ND		5	1		04/09/01 18:05	LT	632831
Surr: 1,2-Dichloroethane-d4	94.0	%	62-119	1		04/09/01 18:05	LT	632831
Surr: 4-Bromofluorobenzene	104	%	78-123	1		04/09/01 18:05	LT	632831
Surr: Toluene-d8	106	%	74-122	1		04/09/01 18:05	LT	632831

Sonia West

Sonia West
Project Manager

Qualifiers:
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-6-MW1 **Collected:** 3/30/01 2:32:00 **SPL Sample ID:** 01040063-04

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	79		50	1		04/12/01 16:19	AM	638493
Surr: n-Pentacosane	104	%	20-150	1		04/12/01 16:19	AM	638493

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50	1		04/05/01 2:17	DL	627444
Surr: 1,4-Difluorobenzene	106	%	62-144	1		04/05/01 2:17	DL	627444
Surr: 4-Bromofluorobenzene	98.7	%	44-153	1		04/05/01 2:17	DL	627444
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		0.5	1		04/05/01 2:17	DL	627397
Ethylbenzene	ND		0.5	1		04/05/01 2:17	DL	627397
Toluene	ND		0.5	1		04/05/01 2:17	DL	627397
m,p-Xylene	ND		0.5	1		04/05/01 2:17	DL	627397
o-Xylene	ND		0.5	1		04/05/01 2:17	DL	627397
Xylenes,Total	ND		0.5	1		04/05/01 2:17	DL	627397
Surr: 1,4-Difluorobenzene	95.4	%	72-137	1		04/05/01 2:17	DL	627397
Surr: 4-Bromofluorobenzene	88.0	%	48-156	1		04/05/01 2:17	DL	627397
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	10		5	1		04/09/01 18:33	LT	632833
Surr: 1,2-Dichloroethane-d4	92.0	%	62-119	1		04/09/01 18:33	LT	632833
Surr: 4-Bromofluorobenzene	102	%	78-123	1		04/09/01 18:33	LT	632833
Surr: Toluene-d8	110	%	74-122	1		04/09/01 18:33	LT	632833

Sonia West

Sonia West
Project Manager

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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-3-MW2 **Collected:** 3/30/01 2:45:00 **SPL Sample ID:** 01040063-05

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	510		50	1		04/12/01 16:58	AM	638494
Surr: n-Pentacosane	88.4	%	20-150	1		04/12/01 16:58	AM	638494

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	200		50	1		04/05/01 2:42	DL	627445
Surr: 1,4-Difluorobenzene	105	%	62-144	1		04/05/01 2:42	DL	627445
Surr: 4-Bromofluorobenzene	97.7	%	44-153	1		04/05/01 2:42	DL	627445
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	7.2		0.5	1		04/05/01 2:42	DL	627398
Ethylbenzene	2.4		0.5	1		04/05/01 2:42	DL	627398
Toluene	ND		0.5	1		04/05/01 2:42	DL	627398
m,p-Xylene	2.1		0.5	1		04/05/01 2:42	DL	627398
o-Xylene	ND		0.5	1		04/05/01 2:42	DL	627398
Xylenes,Total	2.1		0.5	1		04/05/01 2:42	DL	627398
Surr: 1,4-Difluorobenzene	98.3	%	72-137	1		04/05/01 2:42	DL	627398
Surr: 4-Bromofluorobenzene	90.3	%	48-156	1		04/05/01 2:42	DL	627398
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	110		5	1		04/09/01 19:00	LT	632835
Surr: 1,2-Dichloroethane-d4	94.0	%	62-119	1		04/09/01 19:00	LT	632835
Surr: 4-Bromofluorobenzene	104	%	78-123	1		04/09/01 19:00	LT	632835
Surr: Toluene-d8	112	%	74-122	1		04/09/01 19:00	LT	632835

Sonia West

Sonia West
Project Manager

Qualifiers:
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-18-MW6 **Collected:** 3/30/01 2:54:00 **SPL Sample ID:** 01040063-06

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	2000		50	1		04/12/01 17:36	AM	638495
Surr: n-Pentacosane	109	%	20-150	1		04/12/01 17:36	AM	638495

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	9200		250	5		04/05/01 3:30	DL	627447
Surr: 1,4-Difluorobenzene	113	%	62-144	5		04/05/01 3:30	DL	627447
Surr: 4-Bromofluorobenzene	108	%	44-153	5		04/05/01 3:30	DL	627447
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	3100		12	25		04/06/01 4:10	DL	629243
Ethylbenzene	130		2.5	5		04/05/01 3:30	DL	627401
Toluene	9.1		2.5	5		04/05/01 3:30	DL	627401
m,p-Xylene	31		2.5	5		04/05/01 3:30	DL	627401
o-Xylene	ND		2.5	5		04/05/01 3:30	DL	627401
Xylenes,Total	31		2.5	5		04/05/01 3:30	DL	627401
Surr: 1,4-Difluorobenzene	113	%	72-137	5		04/05/01 3:30	DL	627401
Surr: 1,4-Difluorobenzene	102	%	72-137	25		04/06/01 4:10	DL	629243
Surr: 4-Bromofluorobenzene	90.1	%	48-156	25		04/06/01 4:10	DL	629243
Surr: 4-Bromofluorobenzene	81.8	%	48-156	5		04/05/01 3:30	DL	627401
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	ND		5	1		04/10/01 23:23	LT	634562
Surr: 1,2-Dichloroethane-d4	102	%	62-119	1		04/10/01 23:23	LT	634562
Surr: 4-Bromofluorobenzene	102	%	78-123	1		04/10/01 23:23	LT	634562
Surr: Toluene-d8	106	%	74-122	1		04/10/01 23:23	LT	634562

Sonia West

Sonia West
Project Manager

Qualifiers:
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID W-4-MW3 **Collected:** 3/30/01 3:03:00 **SPL Sample ID:** 01040063-07

Site: 7-3006

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**CA_DRO**		**Units: ug/L**		
Diesel Range Organics	2000		50	1		04/12/01 18:15	AM	638496
Surr: n-Pentacosane	94.4	%	20-150	1		04/12/01 18:15	AM	638496

Prep Method	Prep Date	Prep Initials
SW3510B	04/06/2001 14:14	G_T

GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	880		50	1		04/05/01 3:06	DL	627446
Surr: 1,4-Difluorobenzene	110	%	62-144	1		04/05/01 3:06	DL	627446
Surr: 4-Bromofluorobenzene	117	%	44-153	1		04/05/01 3:06	DL	627446
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	130		0.5	1		04/05/01 3:06	DL	627400
Ethylbenzene	1.2		0.5	1		04/05/01 3:06	DL	627400
Toluene	ND		0.5	1		04/05/01 3:06	DL	627400
m,p-Xylene	0.8		0.5	1		04/05/01 3:06	DL	627400
o-Xylene	1.6		0.5	1		04/05/01 3:06	DL	627400
Xylenes,Total	2.4		0.5	1		04/05/01 3:06	DL	627400
Surr: 1,4-Difluorobenzene	96.7	%	72-137	1		04/05/01 3:06	DL	627400
Surr: 4-Bromofluorobenzene	78.6	%	48-156	1		04/05/01 3:06	DL	627400
VOLATILE ORGANICS BY METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	300		25	5		04/10/01 22:01	LT	634559
Surr: 1,2-Dichloroethane-d4	96.0	%	62-119	5		04/10/01 22:01	LT	634559
Surr: 4-Bromofluorobenzene	104	%	78-123	5		04/10/01 22:01	LT	634559
Surr: Toluene-d8	108	%	74-122	5		04/10/01 22:01	LT	634559

Sonia West

Sonia West
Project Manager

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Diesel Range Organics
Method: CA_DRO

WorkOrder: 01040063
Lab Batch ID: 11415A

Method Blank

RunID: HP_V_010412B-638510 Units: mg/L
Analysis Date: 04/12/2001 13:45 Analyst: AM
Preparation Date: 04/06/2001 14:14 Prep By: G_T Method SW3510B

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	119.0	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-02C	W-BB-MW14
01040063-03C	W-7-MW14
01040063-04C	W-6-MW1
01040063-05C	W-3-MW2
01040063-06C	W-18-MW6
01040063-07C	W-4-MW3

Laboratory Control Sample (LCS)

RunID: HP_V_010412B-638511 Units: mg/L
Analysis Date: 04/12/2001 14:24 Analyst: AM
Preparation Date: 04/06/2001 14:14 Prep By: G_T Method SW3510B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Diesel Range Organics	2.5	2.8	110	21	175

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01040096-05
RunID: HP_V_010412B-638502 Units: mg/L
Analysis Date: 04/12/2001 22:46 Analyst: AM
Preparation Date: 04/06/2001 14:14 Prep By: G_T Method SW3510B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Diesel Range Organics	ND	2.5	2	78.5	2.5	2.3	89.5	13.1	20	21	175

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 01040063
Lab Batch ID: R32864

Method Blank

RunID: VARE_010404B-627335 Units: ug/L
Analysis Date: 04/04/2001 17:00 Analyst: DL

Analyte	Result	Rep Limit
Benzene	ND	0.50
Ethylbenzene	ND	0.50
Toluene	ND	0.50
m,p-Xylene	ND	0.50
o-Xylene	ND	0.50
Xylenes,Total	ND	0.50
Surr: 1,4-Difluorobenzene	95.2	72-137
Surr: 4-Bromofluorobenzene	87.3	48-156

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-01A	TB
01040063-02A	W-BB-MW14
01040063-03A	W-7-MW14
01040063-04A	W-6-MW1
01040063-05A	W-3-MW2
01040063-06A	W-18-MW6
01040063-07A	W-4-MW3

Laboratory Control Sample (LCS)

RunID: VARE_010404B-627330 Units: ug/L
Analysis Date: 04/04/2001 15:40 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	53	106	70	130
Ethylbenzene	50	54	108	70	130
Toluene	50	54	108	70	130
m,p-Xylene	100	110	106	70	130
o-Xylene	50	54	107	70	130
Xylenes,Total	150	164	109	70	130

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01031042-13
RunID: VARE_010404B-627341 Units: ug/L
Analysis Date: 04/04/2001 17:25 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	20	100	20	20	98.4	1.61	21	32	164
Ethylbenzene	ND	20	19	95.8	20	19	96.0	0.176	19	52	142
Toluene	ND	20	19	94.6	20	19	96.3	1.71	20	38	159
m,p-Xylene	ND	40	39	97.2	40	39	96.6	0.591	17	53	144
o-Xylene	ND	20	19	96.4	20	20	97.7	1.37	18	53	143

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 01040063
Lab Batch ID: R32864

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01031042-13
RunID: VARE_010404B-627341 Units: ug/L
Analysis Date: 04/04/2001 17:25 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Xylenes,Total	ND	60	58	96.7	60	59	98.3	1.71	18	53	144

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
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Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 01040063
Lab Batch ID: R32866

Method Blank

RunID: VARE_010404C-627432 Units: mg/L
Analysis Date: 04/04/2001 17:00 Analyst: DL

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.050
Surr: 1,4-Difluorobenzene	105.7	62-144
Surr: 4-Bromofluorobenzene	107.3	44-153

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-01A	TB
01040063-02A	W-BB-MW14
01040063-03A	W-7-MW14
01040063-04A	W-6-MW1
01040063-05A	W-3-MW2
01040063-06A	W-18-MW6
01040063-07A	W-4-MW3

Laboratory Control Sample (LCS)

RunID: VARE_010404C-627426 Units: mg/L
Analysis Date: 04/04/2001 16:36 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.9	90	70	130

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01031042-12
RunID: VARE_010404C-627434 Units: mg/L
Analysis Date: 04/04/2001 18:13 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	0.9	0.85	94.4	0.9	0.85	94.1	0.271	36	36	160

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 01040063
Lab Batch ID: R32954

Method Blank

RunID: VARE_010405B-629219 Units: ug/L
Analysis Date: 04/05/2001 18:53 Analyst: DL

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-06A	W-18-MW6

Analyte	Result	Rep Limit
Benzene	ND	0.50
Surr: 1,4-Difluorobenzene	94.7	72-137
Surr: 4-Bromofluorobenzene	89.2	48-156

Laboratory Control Sample (LCS)

RunID: VARE_010405B-629217 Units: ug/L
Analysis Date: 04/05/2001 18:04 Analyst: DL

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	54	109	70	130

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01040064-03
RunID: VARE_010405B-629221 Units: ug/L
Analysis Date: 04/05/2001 19:17 Analyst: DL

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	21	104	20	21	105	0.962	21	32	164

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
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Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Volatile Organics by Method 8260B
Method: SW8260B

WorkOrder: 01040063
Lab Batch ID: R33127

Method Blank

RunID: L_010409C-632815 Units: ug/L
Analysis Date: 04/09/2001 12:45 Analyst: LT

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	5.0
Surr: 1,2-Dichloroethane-d4	94.0	62-119
Surr: 4-Bromofluorobenzene	96.0	78-123
Surr: Toluene-d8	100.0	74-122

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-01B	TB
01040063-02B	W-BB-MW14
01040063-03B	W-7-MW14
01040063-04B	W-6-MW1
01040063-05B	W-3-MW2

Laboratory Control Sample (LCS)

RunID: L_010409C-632814 Units: ug/L
Analysis Date: 04/09/2001 11:53 Analyst: LT

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	50	100	61	145
Benzene	50	50	100	76	127
Chlorobenzene	50	44	88	75	130
Toluene	50	44	88	76	125
Trichloroethene	50	46	92	71	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01031040-02
RunID: L_010409C-632819 Units: ug/L
Analysis Date: 04/09/2001 14:31 Analyst: LT

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
-Dichloroethene	ND	50	40	80	50	37	74	8	14	38	172
nzene	ND	50	44	88	50	42	84	5	11	66	134
Chlorobenzene	ND	50	41	82	50	39	78	5	13	67	115
luene	ND	50	41	82	50	38	76	8	13	59	125
chloroethene	ND	50	39	78	50	37	74	5	14	61	134

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

201013X

Analysis: Volatile Organics by Method 8260B
Method: SW8260B
WorkOrder: 01040063
Lab Batch ID: R33234

Method Blank

RunID: L_010410A-634556 Units: ug/L
Analysis Date: 04/10/2001 20:39 Analyst: LT

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
01040063-06B	W-18-MW6
01040063-07B	W-4-MW3

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	5.0
Surr: 1,2-Dichloroethane-d4	100.0	62-119
Surr: 4-Bromofluorobenzene	96.0	78-123
Surr: Toluene-d8	112.0	74-122

Laboratory Control Sample (LCS)

RunID: L_010410A-634555 Units: ug/L
Analysis Date: 04/10/2001 19:17 Analyst: LT

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	54	108	61	145
Benzene	50	51	102	76	127
Chlorobenzene	50	46	92	75	130
Toluene	50	51	102	76	125
Trichloroethene	50	48	96	71	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 01040063-07
RunID: L_010410A-634560 Units: ug/L
Analysis Date: 04/10/2001 22:28 Analyst: LT

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	250	230	92	250	280	112	20 *	14	38	172
Benzene	96	250	330	94	250	360	106	12 *	11	66	134
Chlorobenzene	ND	250	220	88	250	220	88	0	13	67	115
Toluene	ND	250	220	88	250	230	92	4	13	59	125
Trichloroethene	ND	250	210	84	250	240	96	13	14	61	134

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	01040063	Received By:	NB
Date and Time Received:	4/3/01 10:00:00 AM	Carrier name:	FedEx
Temperature:	3	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present	☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present	☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present	☑
4.	Chain of custody present?	Yes ☑	No ☐		
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐		
7.	Samples in proper container/bottle?	Yes ☑	No ☐		
8.	Sample containers intact?	Yes ☑	No ☐		
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐		
10.	All samples received within holding time?	Yes ☑	No ☐		
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
12.	Water - VOA vials have zero headspace?	Yes ☑	No ☐	Not Applicable	☐
13.	Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable	☐

SPL Representative: _____ **Contact Date & Time:** _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

0104006 3

EXXON COMPANY, USA. (West Coast)

CHAIN OF CUSTODY RECORD NO. ______ Page 1 of 1

Exxon Engineer: GENE ORTEGA Phone: (925) 246-8747
Consultant Co. Name: ERI Contact: SCOTT THOMPSON
Address: 73 DIGITAL DRIVE Fax: (415) 382-1856
SUITE 100 NOVATO CA 94949
RAS #: 7-3006 Facility/State ID # (TN Only): ______
AFE # (Terminal Only): ______ Consultant Project #: 201013X
Location: 720 HIGH ST (City) OAKLAND (State) CA
☐ EE ☐ C&M ☐ SDT
Consultant Work Release #: 20110090
Sampled By: MAHONEY

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX) — OTHER

SAMPLE I.D.	DATE	TIME	COMP	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	TPH/GC 8015 GRO ☒ 8015 DRO ☐	BTEX 8020 ☒ 602 ☐	MTBE 8020 ☐ 8260 ☒	OXYGENATES (7) 8260 ☐	O&G IR 413.1 ☐ GRAV. 413.2 ☐	VOL. 8260 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB/PEST 8081/8082 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	LEAD, DISSOLVED ☐ LEAD TOTAL ☐	REACTIVITY ☐ CORROSIVITY ☐ FLASH POINT ☐	PURGEABLE HYDROCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	TOX/TOH ☐		
TB	3/1	—			X				HCL	2	40 ml	X	X	X																
W-BB-MW14	3/30	1410			↓				HCL/ICE	2/1	40/1L	↓	↓	↓																
W-7-MW14	↓	1420			↓				↓	3/2	↓	↓	↓	↓																
W-6-MW1	↓	1432			↓				↓	↓	↓	↓	↓	↓																
W-3-MW2	↓	1445			↓				↓	↓	↓	↓	↓	↓																
W-18-MW6	↓	1454			↓				↓	↓	↓	↓	↓	↓																
W-4-MW3	↓	1503			↓				↓	↓	↓	↓	↓	↓																

TAT

24 HR. ____* 72 HR. ____*
48 HR. ____* 96 HR. ____*
8 Business X *Contact US Prior to Sending Sample
Other ____

EXXON UST CONTRACT NO. C41483

SPECIAL DETECTION LIMITS (Specify)

REMARKS: 3/3

SPECIAL REPORTING REQUIREMENTS (Specify)
PDF ☐ ☐ EDD
FAX ☐ ☐ FAX C-O-C W/REPORT

LAB USE ONLY Lot # ______ Storage Location ______

WORK ORDER #: 0104006 3 LAB WORK RELEASE #: ______

QA/QC Level
Standard X CLP ☐ Other ☐ ______

CUSTODY RECORD		Date	Time	
	Relinquished By Sampler: John W. Mahoney	4/2/01	1420	Received By:
	Relinquished:	Date	Time	Received By:
	Relinquished:	Date	Time	Received By: [signature] 4/3/01 Way Bill #: Cooler Temp: 3

Triplicate: Original • White Lab's Copy • Green Client Copy • Yellow