EXXON COMPANY, U.S.A.

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

DARIN L. ROUSE
SENIOR ENGINEER

(925) 246-8776
(925) 246-8798 FAX

MW-11 w/ higher TPH / MTBE, coming from 1701 Park.

September 21, 1999

Ms. Eva Chu
Alameda County Department of Environmental Health
Hazardous Materials Division
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: EXXON RAS #7-0104/1725 Park Street, Alameda, California

Dear Ms. Chu:

Attached for your review and comment is a report entitled *Ground Water Monitoring and Remediation System Status Report, Second and Third Quarter 1999* for the above referenced site. This report was prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, and details the results of the April 1999 and July 1999 ground water monitoring and sampling events.

If you have any questions or comments, please contact me at (925) 246-8776.

Sincerely,

Darin L. Rouse
Senior Engineer

MDG/tjm

attachment: Delta's *Ground Water Monitoring and Remediation System Status Report, Second and Third Quarter 1999*, dated September 14, 1999

cc: w/attachment
Mr. Richard Hiett - California Regional Water Quality Control Board, San Francisco Bay Region
Ms. Kathy Simonelli – Geological Services Corporation

w/o attachment
Mr. James R. Brownell - Delta Environmental Consultants, Inc.

QUARTERLY GROUND WATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT, SECOND QUARTER 1999 AND THIRD QUARTER 1999

EXXON SERVICE STATION No. 7-0104
1725 PARK STRET
ALAMEDA, CALIFORNIA
DELTA PROJECT NO. D094-832

September 14, 1999

Prepared By

DELTA ENVIRONMENTAL CONSULTANTS, INC.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
(916) 638-2085

Delta
Environmental
Consultants, Inc.

3164 Gold Camp Drive
Suite 200
Rancho Cordova, CA 95670-6021
U.S.A.
916/638-2085
FAX: 916/638-8385

September 14, 1999

Mr. Darin L. Rouse
Exxon Company, U.S.A.
2300 Clayton Road, Suite 640
Concord, CA 94520

Subject: *Ground Water Monitoring and Remediation System Status Report, Second and Third Quarter 1999*
Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California
Delta Project No. D094-832

Dear Mr. Rouse:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to prepare a report summarizing quarterly ground water monitoring performed by Blaine Tech Services (Blaine Tech), and operation and maintenance performed by Delta on the remediation system at Exxon Service Station No. 7-0104, which is an operating gas station. This report presents the results of quarterly ground water monitoring and sampling and the status of the remediation system through the third quarter 1999. Work conducted at the site by Delta and Blaine Tech was performed in accordance with the field methods and procedures described in Enclosure A.

Work Performed

During the second quarter 1999 ground water monitoring event, ground water measurements were recorded by Delta in monitoring wells MW-1 through MW-9, MW-11, and MW-12, and recovery wells EW-1 through EW-5 on April 28, 1999. During the third quarter 1999 ground water monitoring event, ground water measurements were recorded by Blaine Tech in monitoring wells MW-1, MW-2, MW-4 through MW-9, and MW-11 on July 9, 1999. Cumulative ground water level measurements are presented in Table 1. A ground water elevation contour map constructed from the ground water level elevations measured on July 9, 1999 is included as Figure 1.

A ground water sample was collected from each well and submitted to Sequoia Analytical (a California-certified laboratory) for analyses of benzene, toluene, ethylbenzene, total xylenes (BTEX) and methyl teriary butyl ether (MTBE) by EPA Method 8020, total petroleum hydrocarbons (TPH) as gasoline by EPA Method 8015, and volatile organic compounds by EPA Method 8260B. The current sampling schedule authorized by Alameda County Health Services (ACHS) is included in Enclosure B. Cumulative analytical results are summarized in Table 1. A dissolved petroleum hydrocarbon constituents map based on analytical results for ground water samples collected on July 9, 1999 is included as Figure 2. Ground water sampling information sheets are included in Enclosure C. Copies

of the laboratory analytical reports and chain-of-custody documentation for the ground water samples collected on April 29, 1999 and July 9, 1999 are presented in Enclosure D.

Remediation System Description

The remediation system consist of an air sparging (AS), soil vapor extraction (SVE), and ground water treatment system. The AS system injects air from two oilless air compressors into wells MW-2, MW-6, EW-1, EW-5, SM-1 and SW-1. The SVE system extracts soil vapors from vapor wells VW-1, VW-2 and horizontal vapor lines utilizing a Sutorbilt 100 standard cubic feet per minute vacuum blower, and routes the soil vapors through two 400-pound vapor-phase granular activated carbon (GAC) columns prior to atmospheric discharge. The ground water treatment system consists of five pneumatic pumps installed in extraction wells EW-1 through EW-5. The pumping wells EW-1 and EW-5 were deactivated due to the sparging activities in the wells. Ground water is pumped from EW-2 through EW-4 into a surge tank and transferred through a bag filter into three aqueous phase GAC columns in series. The treated ground water then flows through a flow totalizer prior to discharge to the sanitary sewer. A process flow diagram of the remediation system is included as Figure 3.

Ground Water Treatment System Status

A total of 5,706,250 gallons of ground water have been treated and discharged to the sanitary sewer as of June 7, 1999. Ground water treatment system samples are collected on a monthly basis when the system is operating and are submitted to Sequoia for analyses of BTEX, TPPH as gasoline and TEPH as diesel. A cumulative table of ground water volume processed by the ground water treatment system and cumulative analytical results collected through the third quarter 1999 are included in Table 2. Copies of the laboratory analytical reports with chain-of-custody documentation are provided in Enclosure E.

Soil Vapor Extraction System Status

Monthly air samples are collected from the influent, mid-carbon, and effluent vapor stream of the SVE system. The samples are submitted to Sequoia for analyses of BTEX and TPPH as gasoline. Cumulative analytical results collected from the SVE system are summarized in Table 3 and copies of the analytical reports are included in Enclosure F. A summary of data collected through the third quarter 1999 including destruction efficiencies and mass flow rates is included in Table 4. A graph depicting the total hydrocarbons removed vs. system operating time is included as Figure 4.

Future Work

The next quarterly monitoring event for this site is scheduled for October 1999, at which time monitoring wells MW-6, MW-8, MW-9, and MW-11 will be sampled. Monitoring wells MW-1, MW-2, MW-4 through MW-9 and MW-11 will be sampled during January 2000. Based on Delta's correspondence with the ACHS, it is anticipated that a risk based corrective action (RCBA) analysis will be performed on the site during the fourth quarter of 1999. The RCBA results will be used to evaluate clean up levels at the site for site-closure. Until the RCBA results have been evaluated, it is proposed that the operation of the ground water remediation system be continued.

Delta recommends that a copy of this report be forwarded to the following agencies:

Ms. Eva Chu
Alameda County Department of Environmental
Health Hazardous Material Division
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Mr. Richard Hiett
Regional Water Quality Control Board,
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Remarks/Signatures

The interpretations contained in this report represent our professional opinions, and are based in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions regarding this project, please contact Steven Meeks at (916) 536-2613.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

for

Benjamin I. Heningburg
Staff Geologist

Trevor Atkinson
Project Engineer

Steven W. Meeks, P.E.
Project Manager
California Registered Civil Engineer No. C057461

BIH (LRP027.832)
Enclosures

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-1	09/12/94	17.35	7.11	10.24	200	1.9	210	6.6	1,600[a]	NA	NA	No LPH or sheen
	10/01/94		7.44	9.91	200	<0.5	160	6.6	1,400[a]	NA	NA	No LPH or sheen
	01/13/95		5.13	12.22	410[b]	17	280[b]	89	2,100[a]	NA	NA	No LPH or sheen
	04/27/95		6.57	10.78	460	41	340	270	4,700	NA	NA	No LPH or sheen
	08/03/95		7.46	9.89	140	<5.0	160	9.9	1,900	30	NA	No LPH or sheen
	10/17/95		7.67	9.68	6.2	<0.5	13	0.75	280	5.5	NA	No LPH or sheen
	01/24/96		6.52	10.83	21	1.4	38	3.1	740	440	NA	No LPH or sheen
	04/24/96		5.95	11.40	200	110	1,000	740	7,800	250	NA	No LPH or sheen
	07/26/96		7.60	9.75	8.0	0.99	26	1.0	620	23	NA	No LPH or sheen
	10/30/96		8.06	9.29	14	2.9	85	3.5	700	33	NA	No LPH or sheen
	01/31/97		5.12	12.23	420	33	1,400	480	7,600	<200	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.54	9.81	10	<0.5	<0.5	<0.5	580	12	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		4.48	12.87	110	2.8	170	14	820	<2.5[c]	NA	No LPH or sheen
	04/14/98		4.69	12.66	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		6.19	11.16	210	<5.0	550	<5.0	2,700	41	NA	No LPH or sheen
	10/19/98		6.72	10.63	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.52	10.83	8.0	<0.5	<0.5	<0.5	491	9.78	NA	No LPH or sheen
	04/28/99		5.37	11.98	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		6.39	10.96	114	8.07	184	0.644	1,030	10.6	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-2	09/12/94	16.67	6.71	9.96	4,400	120	1,700	2,100	31,000[a]	NA	NA	No LPH or sheen
	10/01/94		7.22	9.45	4,500	250	1,800	2,400	45,000[a]	NA	NA	No LPH or sheen
	01/13/95		4.46	12.22	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/27/95		6.92	9.75	7,000	840	2,400	3,400	44,000	NA	NA	No LPH or sheen
	08/03/95		6.96	9.71	4,600	170	1,600	1,100	30,000	37,000	NA	No LPH or sheen
	10/17/95		7.83	8.84	5,400	190	2,000	1,500	45,000	14,000	NA	No LPH or sheen
	01/24/96		6.45	10.22	5,000	810	2,200	2,200	30,000	4,100	NA	No LPH or sheen
	04/24/96		6.00	10.67	8,700	410	2,200	2,000	34,000	22,000	NA	No LPH or sheen
	07/26/96		7.14	9.53	10,000	<200	1,800	760	40,000	18,000	NA	No LPH or sheen
	10/30/96		6.95	9.72	9,100	<250	2,400	730	43,000	18,000	NA	No LPH or sheen
	01/31/97		5.07	11.60	2,400	630	1,500	3,300	28,000	8,000[c]	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.34	9.33	2,900	82	1,500	530	18,000	2,600	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		4.46	12.21	5,600	410	1,500	720	29,000	28,000[c]	NA	No LPH or sheen
	04/14/98		4.48	12.19	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		6.01	10.66	7,500	<200	1,300	280	24,000	6,300	NA	No LPH or sheen
	10/19/98		6.35	10.32	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.54	10.13	4,750	211	1,760	45.3	18,400	2,200	NA	No LPH or sheen
	04/28/99		5.54	11.13	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		6.45	10.22	4,270	80.1	1,300	339	14,100	3,410	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-3	09/12/94	17.11	6.58	10.53	580	8	340	100	3,100[a]	NA	NA	No LPH or sheen
	10/01/94		6.85	10.26	640	11	230	130	3,800[a]	NA	NA	No LPH or sheen
	01/13/95		5.27	11.84	690	24	210	130	3,800[a]	NA	NA	No LPH or sheen
	04/27/95		6.05	11.06	940	35	810	530	7,500	NA	NA	No LPH or sheen
	08/03/95		6.71	10.40	380	<5.0	140	45	1,900	24	NA	No LPH or sheen
	10/17/95		7.46	9.65	950	29	230	190	6,100	<5.0	NA	No LPH or sheen
	01/24/96		5.83	11.28	730	15	190	110	3,000	<100	NA	No LPH or sheen
	04/24/96		5.38	11.73	1,200	130	1,000	1,400	11,000	<100	NA	No LPH or sheen
	07/26/96		6.80	10.31	800	16	24	56	2,500	250	NA	No LPH or sheen
	10/30/96		7.20	9.91	1,300	28	170	180	5,200	2,900	NA	No LPH or sheen
	01/31/97		4.31	12.80	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		4.03	13.08	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.80	13.31	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		5.84	11.27	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		6.25	10.86	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.14	10.97	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		4.95	12.16	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-4	09/12/94	17.34	6.80	10.54	900	57	310	490	5,200[a]	NA	NA	No LPH or sheen
	10/01/94		7.09	10.25	1,200	66	360	380	9,100[a]	NA	NA	No LPH or sheen
	01/13/95		4.66	12.68	1,300	200	550	1,000	25,000[a]	NA	NA	No LPH or sheen
	04/27/95		5.54	11.80	650	130	350	590	5,900	NA	NA	No LPH or sheen
	08/03/95		6.92	10.42	1,000	<12	170	140	4,200	5,700	NA	No LPH or sheen
	10/17/95		7.50	9.84	1,300	30	360	380	6,900	1,700	NA	No LPH or sheen
	01/24/96		5.81	11.53	1,900	46	290	330	6,300	830	NA	No LPH or sheen
	04/24/96		5.44	11.90	1,800	<20	190	130	5,000	1,600	NA	No LPH or sheen
	07/26/96		7.03	10.31	1,700	<25	340	280	9,100	1,200	NA	No LPH or sheen
	10/30/96		7.57	9.77	1,100	35	420	300	5,300	1,500	NA	No LPH or sheen
	01/31/97		4.22	13.12	1,200	28	490	130	6,500	40,000	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.56	9.78	1,100	120	470	720	10,000	11,000	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.70	13.64	450	6.8	220	73	1,700	4,900[c]	NA	No LPH or sheen
	04/14/98		3.81	13.53	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		5.96	11.38	680	<10	220	56	2,900	2,800	NA	No LPH or sheen
	10/19/98		6.51	10.83	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.24	11.10	146	<10	60.9	16.2	2,140	1,800	NA	No LPH or sheen
	04/28/99		4.80	12.54	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		6.04	11.30	322	<2.5	76.1	<2.5	1,300	1,310	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-5	09/12/94	16.71	7.12	9.59	2,300	17	320	230	10,000[a]	NA	NA	No LPH or sheen
	10/01/94		7.06	9.65	2,300	19	220	200	11,000[a]	NA	NA	Sheen
	01/13/95		4.85	11.88	NS	NS	NS	NS	NS	NS	NS	LPH thickness of 0.02'
	04/27/95		6.51	10.20	2,200	72	540	350	14,000	NA	NA	No LPH or sheen
	08/03/95		7.24	9.47	2,100	<100	210	<100	<10,000	39,000	NA	No LPH or sheen
	10/17/95		7.80	8.91	1,800	14	240	170	13,000	38,000	NA	No LPH or sheen
	01/24/96		6.66	10.05	2,400	79	340	190	10,000	20,000	NA	No LPH or sheen
	04/24/96		5.80	10.91	3,700	120	520	170	13,000	33,000	NA	No LPH or sheen
	07/26/96		7.67	9.04	3,400	53	280	76	15,000	140,000	NA	No LPH or sheen
	10/30/96		7.77	8.94	2,600	76	260	150	10,000	110,000[a]	NA	No LPH or sheen
	01/31/97		4.90	11.81	2,400	66	430	140	10,000	34,000[c]	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.65	9.06	1,400	120	190	120	9,800	36,000/ 52,000[c]	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.95	12.76	1,500	34	73	57	6,500	15,000[c]	NA	No LPH or sheen
	04/14/98		4.30	12.41	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		5.86	10.85	1,700	26	110	66	8,300	4,300	NA	No LPH or sheen
	10/19/98		6.20	10.51	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.37	10.34	1,240	11.1	<10	<10	4,780	3,650	NA	No LPH or sheen
	04/28/99		5.25	11.46	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		6.08	10.63	1,780	18.6	45	<5.0	4,360	2,360	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-6	09/12/94	17.56	6.88	10.68	150	4.4	170	85	1,500[a]	NA	NA	No LPH or sheen
	10/01/94		7.15	10.41	120	<0.5	99	38	87[a]	NA	NA	No LPH or sheen
	01/13/95		4.80	12.76	710	220	780	1,100	9,900[a]	NA	NA	No LPH or sheen
	04/27/95		6.14	11.42	340	40	460	320	3,900	NA	NA	No LPH or sheen
	08/03/95		6.83	10.73	89	<2.5	110	63	1,100	65	NA	No LPH or sheen
	10/17/95		7.66	9.90	410	74	850	110	8,500	<5.0	NA	No LPH or sheen
	01/24/96		5.86	11.70	560	1,500	2,200	7,500	31,000	<5.0	NA	No LPH or sheen
	04/24/96		5.39	12.17	460	570	1,400	3,300	15,000	280	NA	No LPH or sheen
	07/26/96		6.97	10.59	270	660	1,600	5,500	27,000	1,300	NA	No LPH or sheen
	10/30/96		7.45	10.11	490	440	1,800	6,200	28,000	900	NA	No LPH or sheen
	01/31/97		4.30	13.26	190	1,000	380	1,400	7,000	770	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.57	9.99	200	<50	300	860	6,800	1,100	NA	No LPH or sheen
	10/08/97		7.48	10.08	870	7,300	2,600	12,000	51,000	580	700[c]	No LPH or sheen
	01/28/98		3.74	13.82	650	2,300	900	2,700	15,000	2,400[c]	NA	No LPH or sheen
	04/14/98		3.92	13.64	850	3,300	1,200	4,300	25,000	2,100[c]	NA	No LPH or sheen
	07/30/98		6.09	11.47	270	65	500	630	5,900	910	NA	No LPH or sheen
	10/19/98		6.56	11.00	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.35	11.21	204	107	297	304	3,150	422	NA	No LPH or sheen
	04/28/99		4.89	12.67	1,270	980	1,100	3,320	15,300	436[c]	436[c]	No LPH or sheen
	07/09/99		6.07	11.49	121	9.95	160	4.69	1,140	439	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-7	09/12/94	17.12	6.43	10.69	490	50	280	70	6,000[a]	NA	NA	No LPH or sheen
	10/01/94		6.71	10.41	940	670	310	160	8,900[a]	NA	NA	No LPH or sheen
	01/13/95		4.29	12.83	590	780	970	4,200	20,000[a]	NA	NA	No LPH or sheen
	04/27/95		5.00	12.12	410	32	410	230	8,800	NA	NA	No LPH or sheen
	08/03/95		6.53	10.59	390	<50	290	<50	4,900	17,000	NA	No LPH or sheen
	10/17/95		7.23	9.89	530	26	240	25	6,700	17,000	NA	No LPH or sheen
	01/24/96		5.26	11.86	2,000	390	350	230	9,300	60,000	NA	No LPH or sheen
	04/24/96		5.06	12.06	2,400	850	150	130	9,000	360,000	NA	No LPH or sheen
	07/26/96		6.62	10.50	530	25	60	46	4,800	86,000	NA	No LPH or sheen
	10/30/96		7.09	10.03	180	9.8	58	38	3,400	28,000	NA	No LPH or sheen
	01/31/97		3.65	13.47	300	18	48	37	3,800	45,000	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.44	9.68	70	<25	<25	<25	3,500	18,000	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.06	14.06	1.0	<0.5	<0.5	0.67	100	250[c]	NA	No LPH or sheen
	04/14/98		3.10	14.02	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		5.78	11.34	1.4	<0.5	<0.5	<0.5	100	670	NA	No LPH or sheen
	10/19/98		6.25	10.87	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		5.98	11.14	<2.5	<2.5	<2.5	<2.5	273	530	NA	No LPH or sheen
	04/28/99		4.32	12.80	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		5.67	11.45	3.79	7.10	1.19	8.65	139	860	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-8	09/12/94	16.33	6.42	9.91	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	10/01/94		6.62	9.71	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	01/13/95		5.25	11.08	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	04/27/95		6.00	10.33	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No LPH or sheen
	08/03/95		6.28	10.05	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	No LPH or sheen
	10/17/95		6.93	9.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/24/96		5.71	10.62	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	04/24/96		5.52	10.81	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	07/26/96		6.27	10.06	<0.5	<0.5	<0.5	<0.5	<50	230	NA	No LPH or sheen
	10/30/96		6.69	9.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/31/97		5.18	11.15	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		5.11	11.22	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		5.02	11.31	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	No LPH or sheen
	07/30/98		5.84	10.49	<0.5	<0.5	<0.5	<0.5	<50	6.6	NA	No LPH or sheen
	10/19/98		6.07	10.26	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	No LPH or sheen
	01/13/99		5.59	10.74	<0.5	<0.5	<0.5	<0.5	<50	<2.0	NA	No LPH or sheen
	04/28/99		5.38	10.95	<0.5	<0.5	<0.5	<0.5	<50	<0.5[c]	ND	No LPH or sheen
	07/09/99		5.71	10.62	<0.5	<0.5	<0.5	<0.5	<50	3.01	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-9	09/12/94	15.62	6.84	8.78	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	10/01/94		6.97	8.65	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	01/13/95		6.18	9.44	<0.5	<0.5	<0.5	<0.5	<50[a]	NA	NA	No LPH or sheen
	04/27/95		6.58	9.04	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	No LPH or sheen
	08/03/95		6.72	8.90	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	No LPH or sheen
	10/17/95		7.09	8.53	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/24/96		6.46	9.16	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	04/24/96		6.43	9.19	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	07/26/96		6.80	8.82	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	10/30/96		6.94	8.68	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/31/97		6.10	9.52	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		5.66	9.96	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not Measured
	07/30/98		6.17	9.45	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		6.40	9.22	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		6.28	9.34	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		5.87	9.75	<0.5	<0.5	<0.5	<0.5	<50	<0.5[c]	ND	No LPH or sheen
	07/09/99		6.24	9.38	<0.5	<0.5	<0.5	<0.5	<50	<2.0	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-10	09/12/94	16.79	7.04	9.75	<0.5	<0.5	1.6	<0.5	71[a]	NA	NA	No LPH or sheen
	10/01/94		7.30	9.49	1.1	<0.5	2.8	0.73	330[a]	NA	NA	No LPH or sheen
	01/13/95		6.04	10.75	<0.5	<0.5	<0.5	<0.5	90[a]	NA	NA	No LPH or sheen
	04/27/95		6.66	10.13	<0.5	<0.5	5.4	1.3	140	NA	NA	No LPH or sheen
	08/03/95		7.23	9.56	<0.5	<0.5	<0.5	<0.5	150	<2.5	NA	No LPH or sheen
	10/17/95		7.93	8.86	<0.5	<0.5	<0.5	<0.5	<50	95	NA	No LPH or sheen
	01/24/96		6.43	10.36	1.6	0.52	62	28	760	24	NA	No LPH or sheen
	04/24/96		6.42	10.37	<0.5	<0.5	7.1	<0.5	110	6.8	NA	No LPH or sheen
	07/26/96		7.47	9.32	<0.5	<0.5	12	0.86	140	<5.0	NA	No LPH or sheen
	10/30/96		7.88	8.91	<0.5	<0.5	<0.5	<0.5	<50	5.6	NA	No LPH or sheen
	01/31/97		5.88	10.91	<0.5	<0.5	<0.5	<0.5	<50	10	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		7.32	9.47	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	No LPH or sheen
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured

Well destroyed on November 12, 1997

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-11	10/17/95	18.04	7.72	10.32	3,800	150	950	4,500	34,000	890	NA	No LPH or sheen
	01/24/96		5.97	12.07	3,800	1,200	2,100	9,800	44,000	<500	NA	No LPH or sheen
	04/24/96		5.84	12.20	2,900	1,400	1,700	8,300	34,000	720	NA	No LPH or sheen
	07/26/96		6.98	11.06	4,600	4,200	950	9,500	39,000	800	NA	No LPH or sheen
	10/30/96		7.54	10.50	4,200	3,600	2,100	9,600	53,000	990	NA	No LPH or sheen
	01/31/97		5.00	13.04	170	2,500	940	4,300	23,000	310[c]	NA	No LPH or sheen
	04/10/97		NM	NC	1,200	440	970	6,400	29,000	200	NA	No LPH or sheen
	07/10/97		7.30	10.74	1,700	870	1,900	12,000	42,000	690	NA	No LPH or sheen
	10/08/97		7.62	10.42	1,700	2,500	1,400	9,900	42,000	1,100	1,300[c]	No LPH or sheen
	01/28/98		4.77	13.27	2,400	3,500	1,700	7,900	35,000	6,800[c]	NA	No LPH or sheen
	04/14/98		4.68	13.36	1,700	250	500	2,000	15,000	1,200[c]	NA	No LPH or sheen
	07/30/98		6.33	11.71	1,600	560	1,000	4,300	24,000	1,700	NA	No LPH or sheen
	10/19/98		6.65	11.39	1,200	2,500	920	4,900	29,000	1,700	NA	No LPH or sheen
	01/13/99		6.42	11.62	2,210	6,440	2,030	10,600	50,900	1,920	NA	No LPH or sheen
	04/28/99		5.30	12.74	3,790	4,260	1,790	2,970	59,400	2,390[c]	2,390[c]	No LPH or sheen
	07/09/99		6.22	11.82	5,890	5,340	2,370	12,700	51,500	4,630	NA	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
MW-12	10/17/95	16.30	6.38	9.92	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/24/96		4.86	11.44	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	04/24/96		4.46	11.84	<0.5	0.68	<0.5	0.72	<50	<5.0	NA	No LPH or sheen
	07/26/96		5.90	10.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	10/30/96		6.56	9.74	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	01/31/97		4.57	11.73	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.90	12.40	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.67	12.63	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		5.00	11.30	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		5.19	11.11	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		4.53	11.77	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
EW-1	09/12/94	16.22	6.13	10.09	40	<0.5	10	5.4	400[a]	NA	NA	No LPH or sheen
	10/01/94		7.63	8.59	<0.5	4.4	30	11	3,400[a]	NA	NA	No LPH or sheen
	01/13/95		11.46	4.76	40	<0.5	12	16	680[a]	NA	NA	No LPH or sheen
	04/27/95		15.47	0.75	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	08/03/95		13.85	2.37	2.7	<1.2	<1.2	<1.2	<125	590	NA	No LPH or sheen
	10/17/95		8.05	8.17	220	<0.5	160	36	3,600	400	NA	No LPH or sheen
	01/24/96		11.07	5.15	4.3	<0.5	1.3	0.53	64	260	NA	No LPH or sheen
	04/24/96		6.20	10.02	130	2.3	35	2.1	740	3,000	NA	No LPH or sheen
	07/26/96		13.93	2.29	<0.5	<0.5	<0.5	<0.5	<50	960	NA	No LPH or sheen
	10/30/96		13.74	2.48	0.52	<0.5	<0.5	<0.5	<50	5,300	NA	No LPH or sheen
	01/31/97		8.40	7.82	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.35	12.87	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.52	12.70	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		5.48	10.74	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		5.77	10.45	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		5.49	10.73	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		4.31	11.91	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
EW-2	09/12/94	16.05	6.09	9.96	2,000	79	180	290	8,800[a]	NA	NA	No LPH or sheen
	10/01/94		7.32	8.73	1,400	6.7	700	310	9,500[a]	NA	NA	No LPH or sheen
	01/13/95		14.38	1.67	930	270	21	280	5,700[a]	NA	NA	No LPH or sheen
	04/27/95		15.23	0.82	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	08/03/95		7.19	8.86	170	27	36	64	830	1,600	NA	No LPH or sheen
	10/17/95		18.97	-2.92	<0.5	<0.5	<0.5	5.1	180	3,600	NA	No LPH or sheen
	01/24/96		20.32	-4.27	290	82	14	170	1,700	6,400	NA	No LPH or sheen
	04/24/96		9.46	6.59	670	200	110	490	3,500	7,300	NA	No LPH or sheen
	07/26/96		16.50	-0.45	250	56	10	220	1,400	14,000	NA	No LPH or sheen
	10/30/96		20.30	-4.25	200	44	8.8	190	1,500	13,000	NA	No LPH or sheen
	01/31/97		19.21	-3.16	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.35	12.70	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.45	12.60	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		11.50	4.55	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		5.67	10.38	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		9.57	6.48	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		10.15	5.90	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
EW-3	09/12/94	16.02	6.12	9.96	44	5.9	12	31	300[a]	NA	NA	No LPH or sheen
	10/01/94		10.52	5.50	12	0.42	1.7	3.7	140[a]	NA	NA	No LPH or sheen
	01/13/95		18.13	-2.11	4.6	7.6	1.2	6.6	230[a]	NA	NA	No LPH or sheen
	04/27/95		~~23.07~~	-7.05	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	08/03/95		22.90	-6.88	<2.0	<2.0	<2.0	<2.0	<200	1,400	NA	No LPH or sheen
	10/17/95		22.87	-6.85	4.4	<0.5	<0.5	<0.5	74	2,400	NA	No LPH or sheen
	01/24/96		20.97	-4.95	16	<0.5	<0.5	<0.5	120	2,300	NA	No LPH or sheen
	04/24/96		18.10	-2.08	34	3.7	8.9	11	180	3,800	NA	No LPH or sheen
	07/26/96		13.14	2.88	45	0.7	<0.5	2.1	180	2,000	NA	No LPH or sheen
	10/30/96		9.24	6.78	60	8.2	<0.5	100	660	2,800	NA	No LPH or sheen
	01/31/97		11.10	4.92	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.42	12.60	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.50	12.52	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		18.57	-2.55	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	10/19/98		5.65	10.37	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		13.85	2.17	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		4.52	11.50	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
EW-4	09/12/94	16.61	5.69	10.92	1,700	12	210	77	4,000[a]	NA	NA	No LPH or sheen
	10/01/94		7.90	8.71	100	1.5	15	11	460[a]	NA	NA	No LPH or sheen
	01/13/95		11.36	5.25	89	8.8	1.6	82	520[a]	NA	NA	No LPH or sheen
	04/27/95		16.30	0.31	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	08/03/95		6.45	10.16	3,100	1,100	2,000	8,200	42,000	17,000	NA	No LPH or sheen
	10/17/95		15.89	0.72	6.3	<0.5	<0.5	<0.5	92	2,500	NA	No LPH or sheen
	01/24/96		6.03	10.58	79	2.5	2.9	10	220	9,200	NA	No LPH or sheen
	04/24/96		4.97	11.64	49	36	69	1,100	4,600	860	NA	No LPH or sheen
	07/26/96		6.54	10.07	610	6.2	200	300	2,900	15,000	NA	No LPH or sheen
	10/30/96		6.53	10.08	68	11	<2.5	71	550	3,400	NA	No LPH or sheen
	01/31/97		3.98	12.63	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.22	13.39	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.20	13.41	NS	NS	NS	NS	NS	NS	NS	No LPH or sheeen
	07/30/98		4.89	11.72	NS	NS	NS	NS	NS	NS	NS	No LPH or sheeen
	10/19/98		5.16	11.45	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		5.57	11.04	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		4.27	12.34	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
EW-5	09/12/94	16.51	6.30	10.21	26	1.7	11	12	180[a]	NA	NA	No LPH or sheen
	10/01/94		11.83	4.68	16	0.92	5.7	8.5	130[a]	NA	NA	No LPH or sheen
	01/13/95		12.54	3.97	0.6	0.8	0.6	2.9	130[a]	NA	NA	No LPH or sheen
	04/27/95		13.11	3.40	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	08/03/95		11.99	4.52	<0.5	<0.5	<0.5	<0.5	70	210	NA	No LPH or sheen
	10/17/95		13.43	3.08	1.5	<0.5	<0.5	3.0	78	50	NA	No LPH or sheen
	01/24/96		9.72	6.79	280	66	22	370	2,500	350	NA	No LPH or sheen
	04/24/96		8.13	8.38	690	240	380	1,300	6,400	400	NA	No LPH or sheen
	07/26/96		10.00	6.51	82	2.5	2.4	100	850	84	NA	No LPH or sheen
	10/30/96		9.82	6.69	110	5.1	2.2	120	1,200	68	NA	No LPH or sheen
	01/31/97		9.00	7.51	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/10/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/08/97		NM	NC	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/28/98		3.54	12.97	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/14/98		3.65	12.86	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/30/98		7.63	8.88	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

TABLE 1

GROUND WATER MONITORING DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Monitoring Well	Date	Reference Elevation (feet)	Depth to Water (feet)	Ground Water Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Oxygenate Compounds (µg/L)	Comments
	10/19/98		5.75	10.76	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	01/13/99		7.03	9.48	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	04/28/99		8.80	7.71	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen
	07/09/99		NM	NC	NS	NS	NS	NS	NS	NS	NS	No LPH or sheen

[a] Total volatile hydrocarbons by DHS /LUFT Manual Method.

[b] Results obtained from a 1:10 dilution analyzed on January 17, 1995.

[c] Methyl tertiary butyl ether by EPA Method 8260 (GC/MS)

Reference elevation = Elevation surveyed relative mean sea level.
Depth to ground water = Measured from notch/mark on north edge of well casing.
Ground water elevation = adjusted ground water elevations, based on the specific gravity of gasoline as 0.80.
Total purgeable petroleum hydrocarbons by EPA Method 8015 Modified or DHS LUFT Method or total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified.
MTBE = Methyl tertiary butyl ether by EPA Method 8015 Modified except as otherwise noted.
Oxygenate compounds = Ethanol, t-butanol, MTBE, di-isopropyl ether, ethyl-t-butyl ether, and t-amyl methyl by BPA Method 8260.
µg/L = Micrograms per liter.
LPH = Liquid-phase petroleum hydrocarbons.
NS = Not sampled.
NA = Not analyzed.
NM = Not measured.
NC = Not calculated.

TABLE 2

GROUND WATER SYSTEM ANALYTICAL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Total Discharge (gallons)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)
Influent	10/10/94	1,331,420	<0.5	<0.5	<0.5	<0.5	<50
Effluent	10/10/94		<0.5	<0.5	<0.5	<0.5	<50
Influent	12/02/94	1,392,010	1.9	0.9	<0.5	2.4	65
Effluent	12/02/94		<0.5	<0.5	<0.5	<0.5	<50
Influent	01/13/95	1,415,980	<0.5	<0.5	<0.5	<0.5	1,000
Mid-GAC	01/13/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	01/13/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	02/23/95	1,494,030	<0.5	<0.5	<0.5	2.7	57
Mid-GAC	02/23/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	02/23/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	03/14/95	NR	<0.5	<0.5	<0.5	<0.5	<50
Mid-GAC	03/14/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	03/14/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	04/14/95	1,513,240	<0.5	<0.5	<0.5	<0.5	<50
Mid-GAC	04/14/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	04/14/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	05/18/95	1,714,850	NS	NS	NS	NS	NS
Influent	06/30/95	1,847,330	480	23	66	180	1,700
Mid-GAC	06/30/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	06/30/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	07/12/95	1,908,730	68	<2.0	2.4	5.6	290
Mid-GAC	07/12/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	07/12/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	08/09/95	2,027,830	1,700	260	370	550	6,600
Mid-GAC	08/09/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	08/09/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	09/06/95	2,158,260	17	0.84	1.0	3.0	120
Mid-GAC	09/06/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	09/06/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	10/11/95	2,215,310	22	0.97	1.2	4.0	160
Mid-GAC	10/11/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	10/11/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	11/16/95	2,384,880	4.9	<0.5	<0.5	5.9	120
Mid-GAC	11/16/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	11/16/95		<0.5	<0.5	<0.5	<0.5	<50

TABLE 2

GROUND WATER SYSTEM ANALYTICAL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Total Discharge (gallons)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)
Influent	12/14/95	2,453,200	46	16	4.6	65	450
Mid-GAC	12/14/95		<0.5	<0.5	<0.5	<0.5	<50
Effluent	12/14/95		<0.5	<0.5	<0.5	<0.5	<50
Influent	01/05/96	2,516,900	26	2.4	1.2	20	240
Mid-GAC	01/05/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	01/05/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	02/14/96	2,680,160	43	5.5	<0.5	55	470
Mid-GAC	02/14/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	02/14/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	03/12/96	2,767,820	60	9.8	3.9	70	620
Mid-GAC	03/12/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	03/12/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	04/16/96	2,927,390	120	27	8.8	120	790
Mid-GAC	04/16/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	04/16/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	05/07/96	2,971,100	66	2.7	5	32	430
Mid-GAC	05/07/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	05/07/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	06/11/96	3,109,730	470	120	19	410	2,900
Mid-GAC	06/11/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	06/11/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	07/09/96	3,232,330	55	6.2	<0.5	110	490
Mid-GAC	07/09/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	07/09/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	08/08/96	3,365,060	49	4.6	<1.0	75	580
Mid-GAC	08/08/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	08/08/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	09/05/96	NR	67	19	10	72	740
Mid-GAC	09/05/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	09/05/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	10/02/96	3,530,230	130	39	7.8	130	980
Mid-GAC	10/02/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	10/02/96		<0.5	<0.5	<0.5	<0.5	<50

TABLE 2

GROUND WATER SYSTEM ANALYTICAL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Total Discharge (gallons)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)
Influent	11/08/96	3,657,370	42	7.1	0.69	79	480
Mid-GAC	11/08/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	11/08/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	12/09/96	3,735,650	<0.5	<0.5	<0.5	<0.5	<50
Mid-GAC	12/09/96		<0.5	<0.5	<0.5	<0.5	<50
Effluent	12/09/96		<0.5	<0.5	<0.5	<0.5	<50
Influent	01/21/97	3,735,730	69	20	20	91	690
Mid-GAC	01/21/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	01/21/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	02/10/97	3,735,360	100	24	1.4	160	860
Mid-GAC	02/10/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	02/10/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	03/20/97	3,843,430	<0.5	<0.5	<0.5	5.1	86
Mid-GAC	03/20/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	03/20/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	04/03/97	3,918,650	31	6.1	<5.0	89	690
Mid-GAC	04/03/97		<10	<10	<10	<10	<1,000
Effluent	04/03/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	05/07/97	4,092,720	57	29	11	110	1,000
Mid-GAC	05/07/97		1.1	<0.5	<0.5	<0.5	<50
Effluent	05/07/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	06/11/97	4,144,600	66	14	4.7	75	570
Mid-GAC	06/11/97		0.57	<0.5	<0.5	<0.5	<50
Effluent	06/11/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	06/25/97	4,273,310	<0.5	<0.5	<0.5	<0.5	<50
Influent	07/24/97	4,363,090	25	8.8	3.7	49	470
Mid-GAC	07/24/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	07/24/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	08/04/97	4,408,100	48	18	6.2	69	610
Mid-GAC	08/04/97		0.76	<0.5	<0.5	<0.5	<50
Effluent	08/04/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	10/21/97	4,496,810	16	5.4	2.3	29	250
Mid-GAC	10/21/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	10/21/97		<0.5	<0.5	<0.5	<0.5	<50

TABLE 2

GROUND WATER SYSTEM ANALYTICAL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Total Discharge (gallons)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)
Influent	11/04/97	4,553,090	22	9.8	13	60	510
Mid-GAC	11/04/97		0.82	<0.5	<0.5	0.5	<50
Effluent	11/04/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	12/05/97	4,588,340	1.5	<0.5	<0.5	53	79
Mid-GAC	12/05/97		<0.5	<0.5	<0.5	<0.5	<50
Effluent	12/05/97		<0.5	<0.5	<0.5	<0.5	<50
Influent	01/08/98	4,625,400	2.6	0.74	<0.5	5.4	83
Mid-GAC	01/08/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	01/08/98		0.58	<0.5	0.81	1.5	<50
Influent	03/03/98	4,662,470	0.54	<0.5	<0.5	0.88	<50
Mid-GAC	03/03/98		<0.5	<0.5	<0.5	0.5	<50
Effluent	03/03/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	04/02/98	4,702,760	170	32	12	160	1,100
Mid-GAC	04/02/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	04/02/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	05/04/98	4,786,330	140	23	8.5	150	1,000
Mid-GAC	05/04/98		<0.5	<0.5	<0.5	0.5	<50
Effluent	05/04/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	06/10/98	4,852,030	110	16	7.6	74	670
Mid-GAC	06/10/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	06/10/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	07/07/98	4,951,910	91	13	6.3	55	690
Mid-GAC	07/07/98		<2.0	<2.0	<2.0	<2.0	<200
Effluent	07/07/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	08/04/98	5,039,980	36	6.4	2.5	17	230
Mid-GAC	08/04/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	08/04/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	09/03/98	5,080,850	13	2.0	6.4	21	280
Mid-GAC	09/03/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	09/03/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	10/20/98	NM	43	54	25	110	740
Mid-GAC	10/20/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	10/20/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	11/09/98	5,232,360	37	10	8.4	43	300
Mid-GAC	11/09/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	11/09/98		<0.5	<0.5	<0.5	<0.5	<50

TABLE 2

GROUND WATER SYSTEM ANALYTICAL DATA

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Total Discharge (gallons)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)
Influent	12/08/98	5,284,180	82	25	13	100	700
Mid-GAC	12/08/98		<0.5	<0.5	<0.5	<0.5	<50
Effluent	12/08/98		<0.5	<0.5	<0.5	<0.5	<50
Influent	01/13/99	5,377,930	155	46.5	52.7	73.3	1,030
Mid-GAC	01/13/99		<5.0	<5.0	<5.0	<5.0	<500
Effluent	01/13/99		<5.0	<5.0	<5.0	<5.0	<500
Influent	02/08/99	5,441,820	31	9.0	2.4	33	260
Mid-GAC	02/08/99		<0.5	<0.5	<0.5	<0.5	<50
Effluent	02/08/99		<0.5	<0.5	<0.5	<0.5	<50
Influent	03/08/99	5,509,090	87	16	8.5	140	800
Mid-GAC	03/08/99		<0.5	<0.5	<0.5	<0.5	<50
Effluent	03/08/99		<0.5	<0.5	<0.5	<0.5	<50
Influent	04/05/99	5,571,890	36.6	12.2	5.84	20.9	<500
Mid-GAC	04/05/99		<5.0	<5.0	<5.0	<5.0	<500
Effluent	04/05/99		<5.0	<5.0	<5.0	<5.0	<500
Influent	05/06/99	5,621,560	45	6.0	0.86	41	310
Mid-GAC	05/06/99		<0.5	<0.5	<0.5	<0.5	<50
Effluent	05/06/99		<0.5	<0.5	<0.5	<0.5	<50
Influent	06/07/99	5,706,250	24.8	<2.5	<2.5	8.74	<250
Mid-GAC	06/07/99		<1.0	<1.0	<1.0	<1.0	<100
Effluent	06/07/99		<2.5	<2.5	<2.5	<2.5	<250
Influent	07/28/99	5,805,010	7.00	<1.0	2.40	6.40	<100
Mid-GAC	07/28/99		<0.5	<0.5	<0.5	<0.5	<50
Effluent	07/28/99		<0.5	<0.5	<0.5	<0.5	<50
Influent	08/09/99	5,849,280	17.1	5.88	<5.0	26.8	<500
Mid-GAC	08/09/99		<2.5	<2.5	<2.5	<2.5	<250
Effluent	08/09/99		<2.5	<2.5	<2.5	<2.5	<250

[a] concentrations listed in the table were converted from

TPPH = Total purgeable petroleum hydrocarbons or total petroleum hydrocarbons (TPH) by EPA Method 8015 Modified.
NR = Not recorded.

TABLE 3

SVE SYSTEM SAMPLING RESULTS

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPPH as gasoline (ppmv)
Influent	02/19/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid Air	02/19/98	<0.031	<0.027	<0.023	0.076	<2.4
Effluent	02/19/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	03/03/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid Air	03/03/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	03/03/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	04/02/98	<0.031	<0.027	<0.023	0.090	<2.4
Mid Air	04/02/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	04/02/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	05/04/98	0.44	0.072	<0.023	<0.023	17
Mid Air	05/04/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	05/04/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	06/10/98	0.047	0.17	0.035	0.17	12
Mid Air	06/10/98	<0.031	<0.027	<0.023	<0.023	4.2
Effluent	06/10/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	07/07/98	2.6	3.2	0.53	2.5	76
Mid Air	07/07/98	NS	NS	NS	NS	NS
Effluent	07/07/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	08/04/98	0.94	0.56	0.065	0.42	34
Mid Air	08/04/98	0.27	<0.027	<0.023	<0.023	8.8
Effluent	08/04/98	<0.031	<0.027	<0.023	0.035	10
Influent	10/20/98	6.0	1.9	0.81	1.0	210
Mid Air	10/20/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	10/20/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	11/09/98	0.056	0.27	0.081	0.65	13
Mid Air	11/09/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	11/09/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	12/08/98	0.034	0.029	<0.023	0.028	3.1
Mid Air	12/08/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	12/08/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	01/13/99	<0.031	0.20	<0.023	0.088	12
Mid Air	01/13/99	<0.031	<0.027	<0.023	<0.023	5.6
Effluent	01/13/99	<0.031	<0.027	<0.023	0.074	<2.4
Influent	02/08/99[a]	<0.16	<0.13	<0.11	<0.11	<12.1
Mid Air	02/08/99[a]	<0.16	<0.13	<0.11	<0.11	<12.1
Effluent	02/08/99[a]	<0.16	<0.13	<0.11	<0.11	<12.1

TABLE 3

SVE SYSTEM SAMPLING RESULTS

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Sample ID	Date Collected	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPPH as gasoline (ppmv)
Influent	03/08/99[a]	<0.031	0.10	<0.023	0.05	2.7
Mid Air	03/08/99[a]	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	03/08/99[a]	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	04/05/99	0.474	2.64	0.227	1.09	42.6
Mid Air	04/05/99	<0.0314	<0.0266	<0.0231	<0.0231	4.6
Effluent	04/05/99	<0.0314	<0.0266	<0.0231	<0.0231	<2.84
Influent	05/06/99	0.0872	0.241	<0.023	0.0526	11.84
Mid Air	05/06/99	<0.0314	<0.0266	<0.0231	<0.0231	4.20
Effluent	05/06/99	<0.0314	<0.0266	<0.0231	<0.0231	4.71
Influent	5/26/99[b]	NS	NS	NS	NS	NS
Mid Air	5/26/99[b]	<0.031	<0.027	<0.023	<0.023	18.03
Effluent	5/26/99[b]	<0.031	<0.027	<0.023	<0.023	11.98
Influent	08/09/99	1.60	5.05	0.643	1.78	240
Mid Air	08/09/99	<0.0314	<0.0266	<0.0230	<0.0230	<2.84
Effluent	08/09/99	<0.0314	<0.0266	<0.0230	<0.0230	<2.84

[a] Concentrations listed in the table were converted from µg/L to ppmv.

[b] SVE system shutdown due to break through above 10 ppmv, BAAQMD notified by report dated July13,1999.

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8015 Modified.
µg/L = micrograms per liter
ppmv = parts per million by volume

TABLE 4

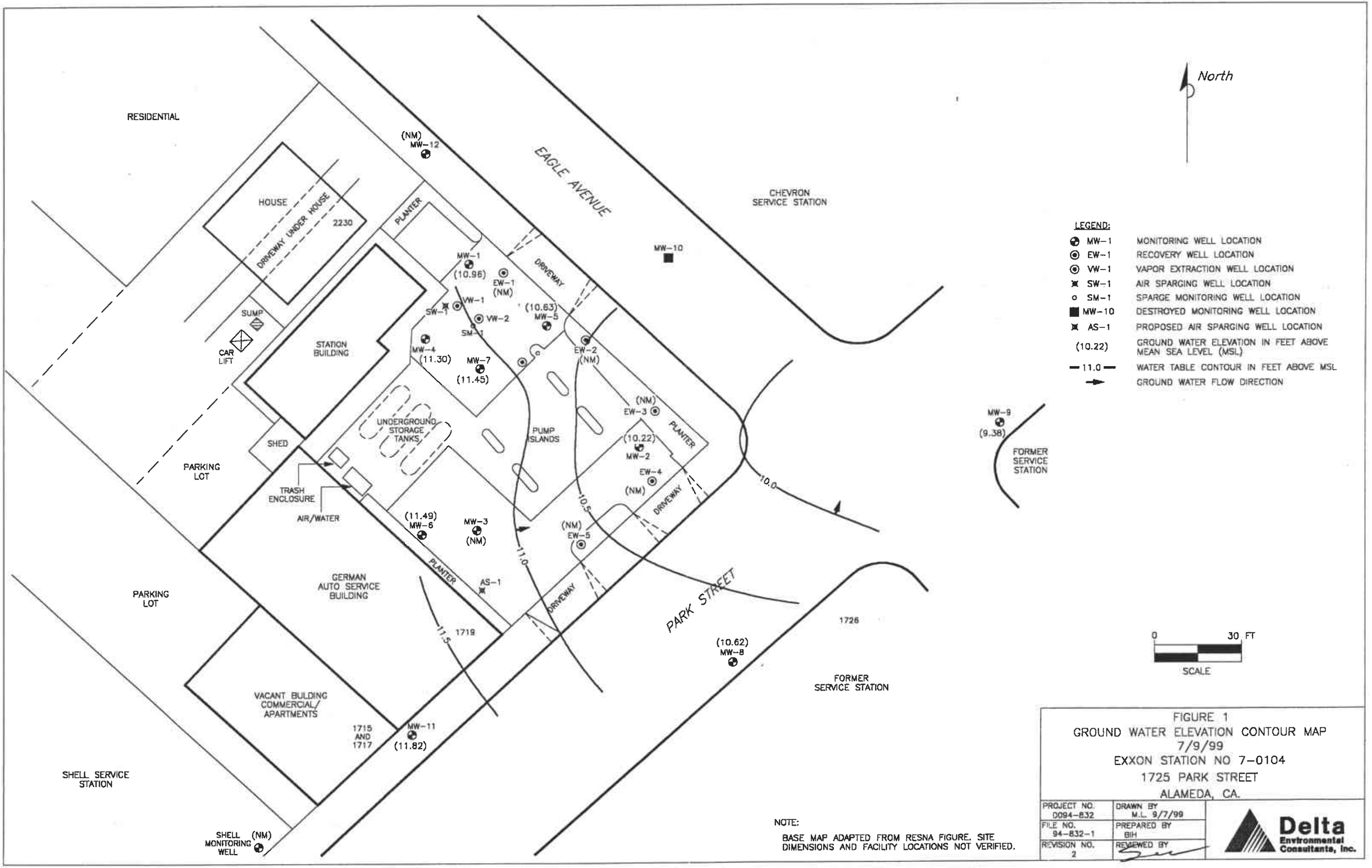
SVE SYSTEM MONITORING TABLE

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California

Date	Inlet Flow Rate (ft^3/min)	Stack Flow Rate (ft^3/min)	SVE TPPH Influent (ppmv)	SVE TPPH Effluent (ppmv)	SVE Benzene Influent (ppmv)	SVE Benzene Effluent (ppmv)	SVE TPPH Extraction Rate (lbs/day)	SVE TPPH Mass Emission (lbs/day)	SVE Benzene Extraction Rate (lbs/day)	SVE Benzene Emission Rate (lbs/day)	Cumulative Volume of Processed Air (cubic feet)	**Cumulative TPPH Extraction (lbs)**	Total Hours Operated	Change in Hours of Operation
02/19/98	48	48	<2.4	<2.4	<0.031	<0.031	< 0.04	< 0.04	< 0.000	< 0.000	1.99 E+05	**0.1**	1,652	69
03/03/98	50	50	<2.4	<2.4	<0.031	<0.031	< 0.04	< 0.04	< 0.000	< 0.000	7.27 E+05	**0.2**	1,828	176
04/02/98	52	52	<2.4	<2.4	<0.031	<0.031	< 0.04	< 0.04	< 0.001	< 0.001	1.85 E+06	**0.5**	2,184	356
05/04/98	131	131	17	<2.4	0.44	<0.031	0.71	< 0.10	0.018	< 0.001	4.63 E+06	**5.7**	2,538	354
06/10/98	131	131	12	<2.4	0.047	<0.031	0.50	< 0.10	0.002	< 0.001	7.79 E+06	**10.0**	2,940	402
07/07/98	131	131	76	<2.4	2.6	<0.031	3.19	< 0.10	0.109	< 0.001	7.79 E+06	**10.0**	2,940	0
08/04/98	131	131	34	10	0.94	<0.031	1.43	0.42	0.039	< 0.001	1.02 E+07	**19.1**	3,248	308
10/20/98	131	131	210	<2.4	6.0	<0.031	8.80	< 0.10	0.252	< 0.001	1.02 E+07	**19.3**	3,249	1
11/09/98	131	131	13	<2.4	0.056	<0.031	0.54	< 0.10	0.002	< 0.001	1.19 E+07	**21.7**	3,464	215
12/08/98	131	131	3.1	<2.4	0.034	<0.031	0.13	< 0.10	0.001	< 0.001	1.45 E+07	**22.6**	3,798	334
01/13/99	131	131	12	<2.4	<0.031	<0.031	0.50	< 0.10	< 0.001	< 0.001	1.82 E+07	**27.5**	4,264	466
02/08/99	131	131	<12.1	<12.1	<0.16	<0.16	< 0.51	< 0.51	< 0.007	< 0.007	2.08 E+07	**31.1**	4,600	336
03/08/99	131	131	2.7	<2.4	<0.031	<0.031	0.11	< 0.10	< 0.001	< 0.001	2.33 E+07	**31.8**	4,919	319
04/05/99	131	131	42.6	<2.84	0.474	<0.031	1.79	< 0.12	0.020	< 0.001	2.36 E+07	**33.2**	4,957	38
05/06/99	131	131	11.84	4.71	0.087	<0.031	0.50	0.20	0.004	< 0.001	2.77 E+07	**38.5**	5,470	513
05/26/99	131	131	11.98*	11.98	NS	<0.031	0.50	0.50	NC	< 0.001	3.03 E+07	**42.0**	5,799	329
08/09/99	118	118	240	<2.84	1.60	<0.031	9.05	< 0.11	0.060	< 0.001	3.03 E+07	**42.0**	5,799	0

TPPH = Total purgeable petroleum hydrocarbons.
ppmv = Parts per million by volume.
NS = Not Sampled
NC = Not Calculated

* = Value for 5/26/99 Influent Concentration assumed to be equal to the effluent value since an influent sample was not collected.



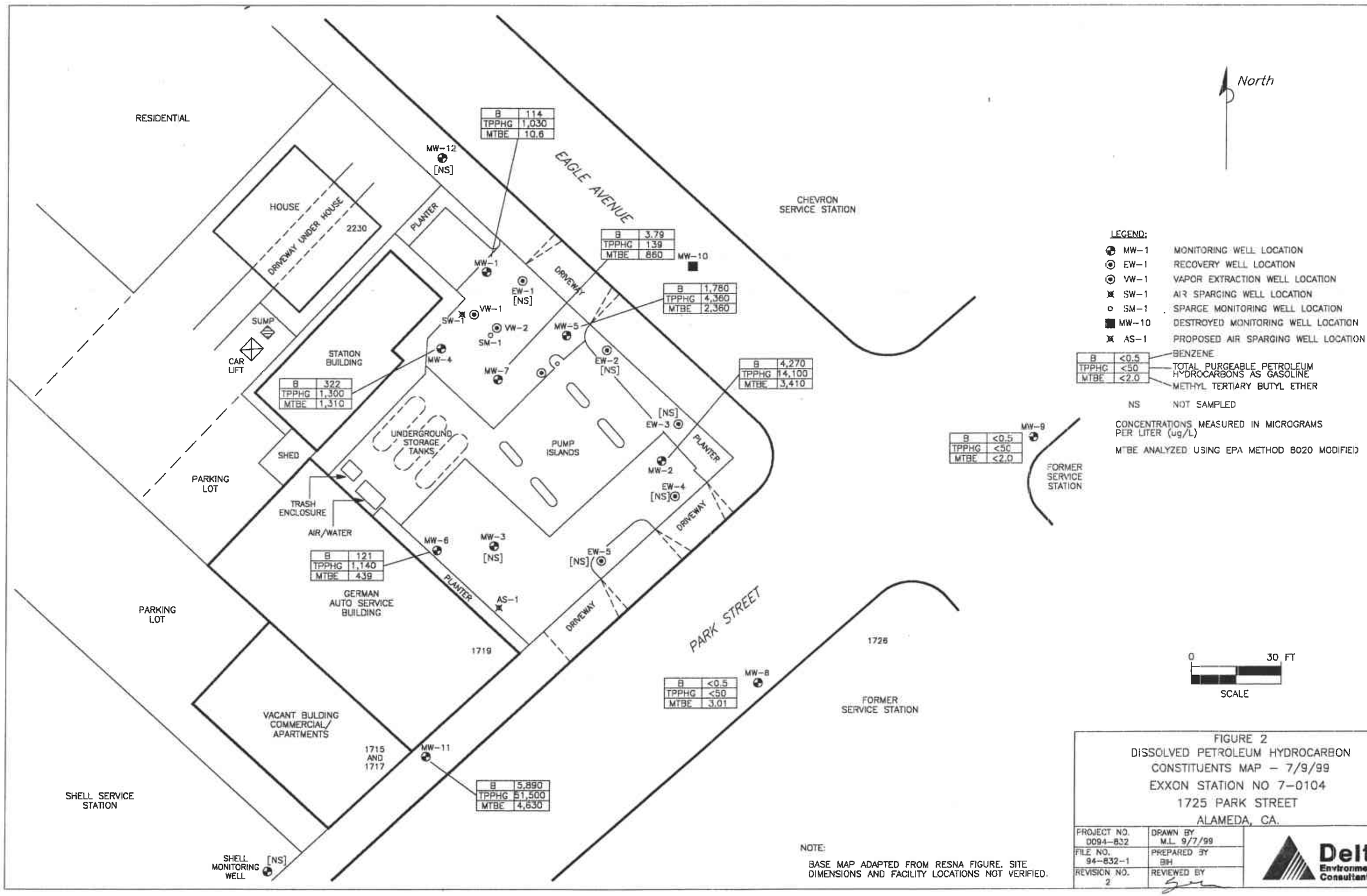
NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 1
GROUND WATER ELEVATION CONTOUR MAP
7/9/99
EXXON STATION NO 7-0104
1725 PARK STREET
ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY M.L. 9/7/99
FILE NO. 94-832-1	PREPARED BY BIH
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



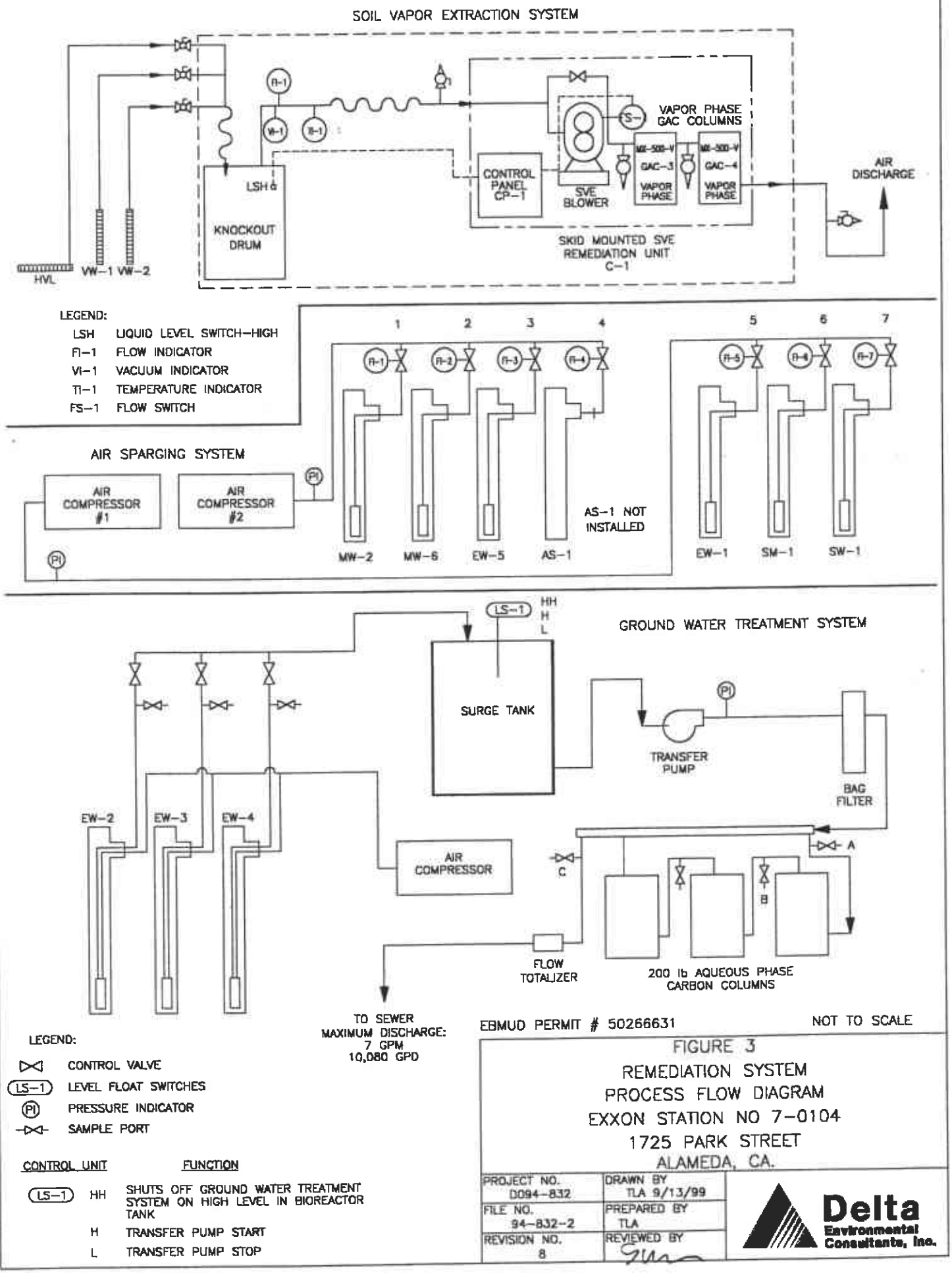
NOTE:

BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 2
DISSOLVED PETROLEUM HYDROCARBON CONSTITUENTS MAP – 7/9/99
EXXON STATION NO 7-0104
1725 PARK STREET
ALAMEDA, CA.

PROJECT NO. 0094-832	DRAWN BY M.L. 9/7/99
FILE NO. 94-832-1	PREPARED BY BIH
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



EBMUD PERMIT # 50266631

NOT TO SCALE

FIGURE 3

REMEDIATION SYSTEM
PROCESS FLOW DIAGRAM
EXXON STATION NO 7-0104
1725 PARK STREET
ALAMEDA, CA.

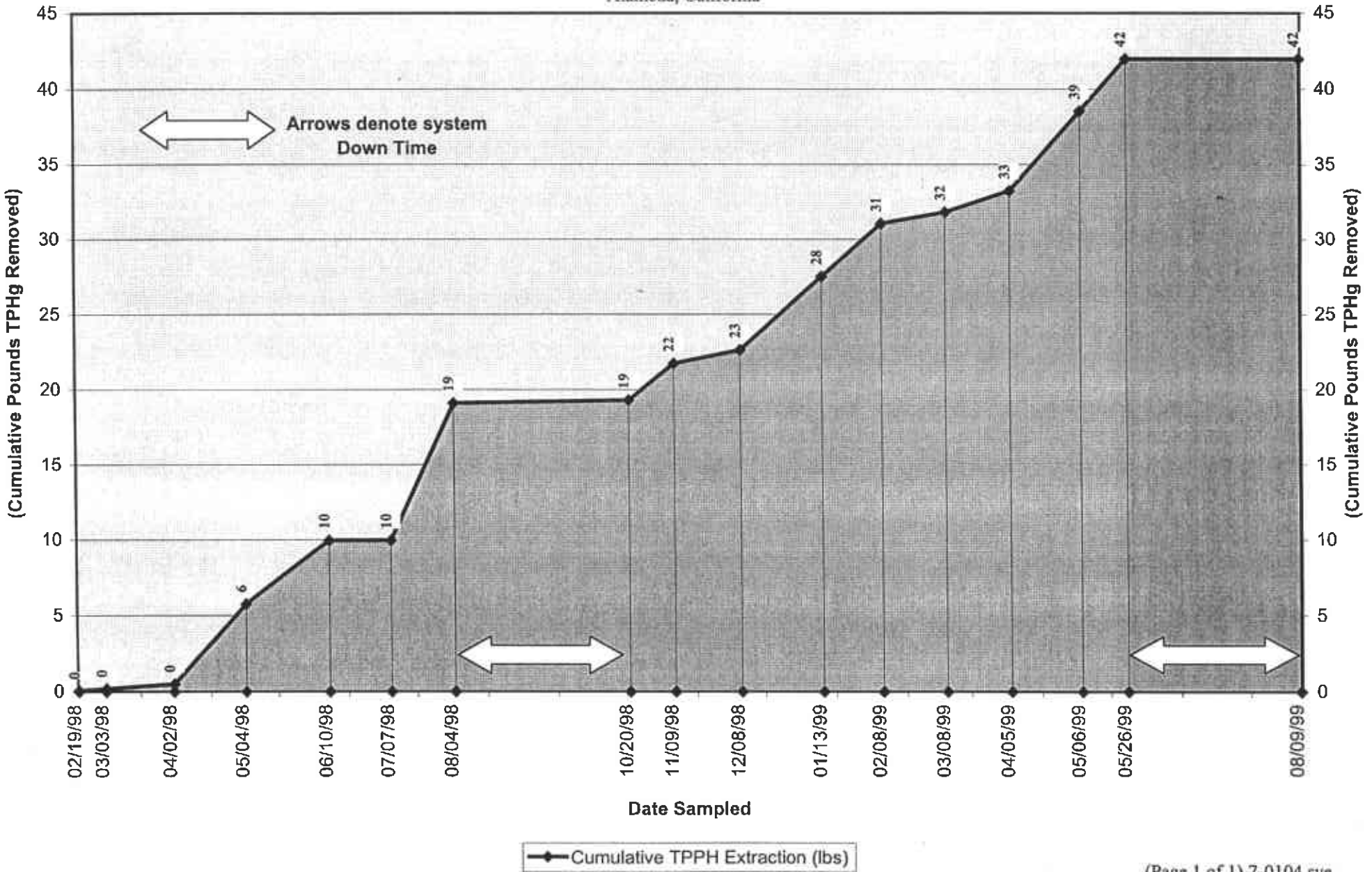
PROJECT NO. 0094-832	DRAWN BY TLA 9/13/99
FILE NO. 94-832-2	PREPARED BY TLA
REVISION NO. 8	REVIEWED BY

Delta Environmental Consultants, Inc.

FIGURE 4

CUMULATIVE REMOVAL OF HYDROCARBONS FROM SOIL

Exxon Service Station No. 7-0104
1725 Park Street
Alameda, California



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

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

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

SAMPLING PROCEDURES OVERVIEW

SAFETY

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

INSPECTION AND GAUGING

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

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

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

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

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

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

PARAMETER STABILIZATION

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

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

DEWATERED WELLS

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

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

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

PURGEWATER CONTAINMENT

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

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

SAMPLE COLLECTION DEVICES

All samples are collected using a disposable bailer.

SAMPLE CONTAINERS

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

the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

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

SAMPLE STORAGE

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

DOCUMENTATION CONVENTIONS

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

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

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

DECONTAMINATION

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

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

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

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

DISSOLVED OXYGEN READINGS

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

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

OXIDATION REDUCTION POTENTIAL READINGS

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

ENCLOSURE B

Alameda County Health Services Reduction
Sampling Letter Dated November 1, 1996

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

StID 3601

November 1, 1996

Ms. Marla Guensler
Exxon-Environmental Engineering
P.O.Box 4032
Concord, CA 94524-4032

RE: Groundwater Sampling at Exxon RAS #7-0104, 1725 Park St, Alameda, CA

Dear Ms. Guensler:

I have completed review of Delta Environmental Consultants, Inc's September 1996 Quarterly Ground Water Monitoring Report for the above referenced site. There is adequate groundwater data at this time where the sampling frequency of the monitoring wells may be reduced as follows:

1. Quarterly sampling of wells MW-6 and MW-11;
2. Semi-annual sampling of wells MW-1, MW-2, MW-4, MW-5, MW-7, and MW-10 in the first and third quarters; and,
3. Discontinue sampling of wells MW-3, MW-8, MW-9, MW-12, and EW-1 through EW-5.

It is also noted that most of the wells indicate the possible presence of MTBE in groundwater. In the next sampling event, groundwater from wells MW-2, MW-5, and MW-11 should be analyzed for MTBE using EPA Method 8260. Once confirmed, method 8260 is no longer necessary. And, MTBE can continue to be quantified using method 8020.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

c: Richard Munsch, Delta, 3164 Gold Camp Drive, Suite 200, Rancho Cordova, CA 95670

exxon1.2

ENCLOSURE C

Ground Water Sampling Information Sheets

7-0104
4/28
2nd Q

Delta Environmental Consultants, Inc.

SITE SAMPLING / VISIT CHECKLIST

SITE NAME: **EXXON STATION NO. 7-0104**	PROJECT NUMBER: **D094-832**
ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**	TIME ARRIVED AT SITE: 0530
DATE: 4/28/99	TIME DEPARTED FROM SITE:

WELLS SAMPLED:	**(MW-1*, MW-2*, MW-4*, MW-5*), MW-6, (MW-7*), MW-8, MW-9 & MW-11**
SAMPLING ORDER:	**MW-9, 8, (1*, 7*), 6 (4*, 5*), 11, (2*)**
SAMPLING PARAMETERS:	**BTEX, TPHg & MTBE (6 X 40 mL VOA) : EPA METHOD 8020**
SAMPLING PARAMETERS:	
SAMPLING NOTES:	*** MW-1, 2, 4, 5, 7, SAMPLE DURING 1st & 3rd QUARTERS ONLY**

WATER LEVEL DATA SHEETS ATTACHED:	YES ☒ NO ☐
FIELD SAMPLING DATA SHEETS ATTACHED:	YES ☒ NO ☐
** NUMBER OF SAMPLING SHEETS:	
TEMPORARY STORAGE OF WASTE ON SITE:	YES ☐ NO ☒
CHAIN OF CUSTODY COPIES ATTACHED:	YES ☒ NO ☐
DATE & TIME SAMPLES SHIPPED:	
CARRIER SAMPLES WERE SHIPPED BY:	

ANY PROBLEMS / COMMENTS:

totalizer: 560590

Delta Environmental Consultants, Inc.

Delta Environmental Consultants, Inc.

GROUND WATER LEVEL DATA

SITE NAME: EXXON STATION NO. 7-0104	PROJECT NUMBER: D094-832
ADDRESS: 1725 PARK STREET (ALAMEDA, CA)	RECORDED BY: MWM/CHRL
DATE: 4/28/99	MEASURING DEVICE: SLOPE INDICATOR

WELL ID	TIME	REFERENCE ELEVATION (FT)	DEPTH TO GROUND WATER (FT)	TOTAL DEPTH OF WELL (FT)	ADDITIONAL COMMENTS/ DO OBSERVATIONS
MW-1	0703	17.35	5.37		0.3
MW-2	0647	16.67	5.54		0.4
MW-3	0641	17.11	4.55		1.0
MW-4	0703	17.34	4.80		0.5
MW-5	0658	16.71	5.25		0.9
MW-6	0626	17.56	4.89		12.2
MW-7	0701	17.12	4.32		0.9
MW-8	0653	16.33	5.38		0.6
MW-9	0619	15.62	5.87		0.8
MW-11	0551	18.04	5.30		92.0
MW-12	0705	16.30	4.53		3.6
EW-1	0714	16.22	4.31		15.6
EW-2	0656	16.05	10.15		0.8
EW-3	0651	16.02	4.52		0.7
EW-4	0647	16.61	4.27		0.7
EW-5	0644	16.51	8.8		1.0

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID:	MW-6	SITE NAME:	EXXON STATION NO. 7-0104
DEPTH OF WELL (FT):	18.63	DELTA JOB NUMBER:	D094-832
DEPTH TO GROUND WATER (FT):	4.84	ADDRESS:	1725 PARK STREET (ALAMEDA, CA)
CASING WATER LEVEL (FT):	13.11	DATE/ SAMPLER INITIALS:	4-28-99 m

CASING DIAMETER (INCHES): (CIRCLE ONE) 2 | 4 | 6 | 8 | 10 | 12 | ☐

PURGING PRIOR TO SAMPLING **CHECK BOX IF PURGING NOT REQUIRED** ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☑ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH	13.11	X 2.0 =	26
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS
	17.8	6.6	730	8GAL	
	17.3	6.6	764	13GAL	
	17.6	6.8	784	26GAL	

RECORD OF SAMPLING **CHECK BOX IF SAMPLES NOT COLLECTED** ☐

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☑ OTHER: _____

DATE SAMPLED:	4-28-99	TIME:	0638	COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-6	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: MW-9	SITE NAME: EXXON STATION NO. 7-0104
DEPTH OF WELL (FT): 19	DELTA JOB NUMBER: D094-832
DEPTH TO GROUND WATER (FT): 5.87	ADDRESS: 1725 PARK STREET (ALAMEDA, CA)
CASING WATER LEVEL (FT): 13.13	DATE/ SAMPLER INITIALS: 4/28/99 LL

CASING DIAMETER (INCHES): (CIRCLE ONE) 2 4 6 8 10 12 ☐

PURGING PRIOR TO SAMPLING CHECK BOX IF PURGING NOT REQUIRED ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☒ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH	13.13	X 0.5 =	6
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F) C	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS
	18.0	7.1	656	2 GAL	
	18.0	7.1	465	4 GAL	
	18.0	7.1	465	6 GAL	

RECORD OF SAMPLING CHECK BOX IF SAMPLES NOT COLLECTED ☐

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☒ OTHER: _____

DATE SAMPLED:	4-28-99	TIME:	0621	COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-9	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID:	MW-8	SITE NAME:	EXXON STATION NO. 7-0104
DEPTH OF WELL (FT):	17.44	DELTA JOB NUMBER:	D094-832
DEPTH TO GROUND WATER (FT):	5.38	ADDRESS:	1725 PARK STREET (ALAMEDA, CA)
CASING WATER LEVEL (FT):	11.62	DATE/ SAMPLER INITIALS:	4-28-99 m

CASING DIAMETER (INCHES): (CIRCLE ONE) [2] [4] [6] [8] [10] [12] [ ]

PURGING PRIOR TO SAMPLING CHECK BOX IF PURGING NOT REQUIRED ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☒ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH	11.62	X 0.5 =	6
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F) C	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS
	16.5	7.1	530	8GAL	
	16.9	7.3	535	3GAL	
	17.4	7.1	652	6GAL	

RECORD OF SAMPLING CHECK BOX IF SAMPLES NOT COLLECTED ☐

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☒ OTHER: _____

DATE SAMPLED:	4-28-99	TIME:	0609	COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-8	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: MW-11	SITE NAME: EXXON STATION NO. 7-0104
DEPTH OF WELL (FT): 14.70	DELTA JOB NUMBER: D094-832
DEPTH TO GROUND WATER (FT): 5.30	ADDRESS: 1725 PARK STREET (ALAMEDA, CA)
CASING WATER LEVEL (FT): 8.7	DATE/ SAMPLER INITIALS: 4-28-99

CASING DIAMETER (INCHES): (CIRCLE ONE) [2] [4] [6] [8] [10] [12] [ ]

PURGING PRIOR TO SAMPLING CHECK BOX IF PURGING NOT REQUIRED ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☑ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH	8.7	X 0.5 =	5
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F) C	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS
	16.9	7.2	799	0 CHL	
	18.1	7.2	778	5 CHL	

RECORD OF SAMPLING CHECK BOX IF SAMPLES NOT COLLECTED ☐

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☒ OTHER: _____

DATE SAMPLED:	4-28-99	TIME:	0600	COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-11	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: **MW-7 (1st & 3rd Quarter Only)**	SITE NAME: **EXXON STATION NO. 7-0104**
DEPTH OF WELL (FT): **16.10**	DELTA JOB NUMBER: **D094-832**
DEPTH TO GROUND WATER (FT):	ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**
CASING WATER LEVEL (FT):	DATE/ SAMPLER INITIALS: 4-28-99

CASING DIAMETER (INCHES): (CIRCLE ONE) [2] [4] [6] [8] [10] [12] [ ]

PURGING PRIOR TO SAMPLING CHECK BOX IF PURGING NOT REQUIRED ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS

RECORD OF SAMPLING CHECK BOX IF SAMPLES NOT COLLECTED ☒

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

DATE SAMPLED:		TIME:		COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-7	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: **MW-1 (1st & 3rd Quarter Only)**	SITE NAME: **EXXON STATION NO. 7-0104**
DEPTH OF WELL (FT): **20.69**	DELTA JOB NUMBER: **D094-832**
DEPTH TO GROUND WATER (FT):	ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**
CASING WATER LEVEL (FT):	DATE/ SAMPLER INITIALS: 4-26-97

CASING DIAMETER (INCHES): (CIRCLE ONE) [2] [4] [6] [8] [10] [12] [ ]

PURGING PRIOR TO SAMPLING **CHECK BOX IF PURGING NOT REQUIRED** ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS

RECORD OF SAMPLING **CHECK BOX IF SAMPLES NOT COLLECTED** ☒

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

DATE SAMPLED:		TIME:		COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-1	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: **MW-2 (1st & 3rd Quarter Only)**	SITE NAME: **EXXON STATION NO. 7-0104**
DEPTH OF WELL (FT): **16.00**	DELTA JOB NUMBER: **D094-832**
DEPTH TO GROUND WATER (FT):	ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**
CASING WATER LEVEL (FT):	DATE/ SAMPLER INITIALS: 4-25-99

CASING DIAMETER (INCHES): (CIRCLE ONE) [2] [4] [6] [8] [10] [12] [ ]

PURGING PRIOR TO SAMPLING **CHECK BOX IF PURGING NOT REQUIRED** ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS

RECORD OF SAMPLING **CHECK BOX IF SAMPLES NOT COLLECTED** ☑

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

DATE SAMPLED:		TIME:		COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-2	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: **MW-4 (1st & 3rd Quarter Only)**	SITE NAME: **EXXON STATION NO. 7-0104**
DEPTH OF WELL (FT): **18.21**	DELTA JOB NUMBER: **D094-832**
DEPTH TO GROUND WATER (FT):	ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**
CASING WATER LEVEL (FT):	DATE/ SAMPLER INITIALS: 4-26-99

CASING DIAMETER (INCHES): (CIRCLE ONE) 2 | 4 | 6 | 8 | 10 | 12 | ☐

PURGING PRIOR TO SAMPLING **CHECK BOX IF PURGING NOT REQUIRED** ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS

RECORD OF SAMPLING **CHECK BOX IF SAMPLES NOT COLLECTED** ☒

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

DATE SAMPLED:		TIME:		COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-4	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

Delta Environmental Consultants, Inc.

FIELD RECORD OF WATER SAMPLING

SAMPLE ID: **MW-5 (1st & 3rd Quarter Only)**	SITE NAME: **EXXON STATION NO. 7-0104**
DEPTH OF WELL (FT): **19.00**	DELTA JOB NUMBER: **D094-832**
DEPTH TO GROUND WATER (FT):	ADDRESS: **1725 PARK STREET (ALAMEDA, CA)**
CASING WATER LEVEL (FT):	DATE/ SAMPLER INITIALS: 11-24-99

CASING DIAMETER (INCHES): (CIRCLE ONE) 2 | 4 | 6 | 8 | 10 | 12 | ☐

PURGING PRIOR TO SAMPLING CHECK BOX IF PURGING NOT REQUIRED ☐

PURGING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

PURGE VOLUME CALCULATIONS:

CASING DIAMETER	CASING WATER LEVEL (DEPTH OF WELL - DEPTH TO GW)	MULTIPLY BY	THREE CASING VOLUMES (GALLONS)
2 INCH		X 0.5 =	
4 INCH		X 2.0 =	
6 INCH		X 4.4 =	

DATE PURGED:		START TIME:		END TIME:	

TIME	TEMP (°F)	pH UNITS	SPEC COND.	GALLONS REMOVED	SAMPLE APPEARANCE/ COMMENTS

RECORD OF SAMPLING CHECK BOX IF SAMPLES NOT COLLECTED ☒

SAMPLING METHOD (CHECK ONE):

CENTRIFUGAL PUMP ☐ SUBMERSIBLE PUMP ☐ BAILER ☐ OTHER: _____

DATE SAMPLED:		TIME:		COMMENTS:	

SAMPLE ID:	CONTAINER TYPES:	ANALYSIS	COMMENTS
MW-5	6 X 40mL VOA	BTEX, TPHg & MTBE	EPA METHOD 8020

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Page 1 of 1

Consultant's Name: Delta Environmental
Address: 3164 Gold Camp DR Rancho Cordova
Project #:
Project Contact: Jim Brownell
EXXON Contact: Marla
Sampled by (print): Chris Hill Mark Morgan
Shipment Method:

Consultant Project #: 2094-832
Phone #: 916 638-2085
Phone #:
Sampler's Signature:
Air Bill #:

Site Location: Alameda
Consultant Work Release #: 19932522
Laboratory Work Release #:
EXXON RAS #: 7-0104

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☑ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8260		Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
MW 6	4-26-99	0634	Water	HCl	6		X			X		* Oxygenates by 8260
MW 8	"	0609	"	"	6		X			X		
MW 9	"	0621	"	"	6		X			X		
MW 11	4-26-99	0600	"	"	6		X			X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Delta	4-26-99	1255		4/26/99	1255	

Pink - Client
Yellow - Sequoia
White - Sequoia

WELL GAUGING DATA

7/9

Project # 9907096 1 Date 7-9-99 Client

EXXON 7-0104
1725 PARK ST.
ALAMEDA

Site

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
mw-1	4	odor				6.39	20.54	TOC	✓
mw-2	4	odor				6.45	15.84		✓
mw-4	4	odor				6.04	18.07		✓
mw-5	4					6.08	18.94		✓
mw-6	4	odor				6.07	18.39		✓
mw-7	4					5.67	16.69		✓
mw-8	2					5.71	18.87		✓
mw-9	2					6.24	18.68	TOC	✓
mw-11	2	odor				6.22	15.06	TOC	✓

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 20.54	Depth to Water: 6.39
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	(0.65)	Other	radius² * 0.163

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

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

9.2	X	3	=	27.6 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1323	71.2	6.8	830		9.25	No Sheen
1324	69.1	6.8	880		18.50	
1326	69.3	6.8	885		27.75	

Did well dewater? Yes (No)	Gallons actually evacuated: 27.75
Sampling Time: 1330	Sampling Date: 7-9-99
Sample I.D.: MW-1	Laboratory: (Sequoia) Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 15.84	Depth to Water: 6.45
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

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

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1257	72.9	6.8	653		6.25	No sheen / odor
1258	72.7	6.8	659		12.5	odor
1259	72.7	6.8	662		18.75	

Did well dewater? Yes (No) Gallons actually evacuated: 18.25

Sampling Time: 1305 Sampling Date: 7-9-99

Sample I.D.: MW-2 Laboratory: (Sequoia) Other ____

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 18.07	Depth to Water: 6.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	(0.65)	Other	radius² * 0.163

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

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

7.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 23.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1518	73.3	6.9	595	X	8	No Sheen
1519	72.4	6.8	586		16	odor
1520	72.0	6.8	593		24	

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 1525 Sampling Date: 7-9-99

Sample I.D.: MW-4 Laboratory: (Sequoia) Other ____

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 18.94	Depth to Water: 6.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	(0.65)	Other	radius² * 0.163

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

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

8.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 25.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1350	73.1	6.8	614		~~25~~ 8.5	No Sheen
1352	72.3	6.8	591		~~5~~ 17.0	
1353	71.8	6.8	614		25.5	

Did well dewater? Yes (No) Gallons actually evacuated: 25.5

Sampling Time: 1359 Sampling Date: 7-9-99

Sample I.D.: MW-5 Laboratory: (Sequoia) Other____

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 18.39	Depth to Water: 6.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

8.0	X	3	=	24 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1227	70.3	6.5	664		8.0	No Sheen / odor
1228	69.7	6.6	706		16.0	
1229	69.9	6.7	729		24.0	

Did well dewater? Yes (No) Gallons actually evacuated: 24.0

Sampling Time: 1235 Sampling Date: 7-9-99

Sample I.D.: MW-6 Laboratory: (Sequoia) Other ___

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 16.69	Depth to Water: 5.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	(0.65)	Other	radius² * 0.163

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

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

7.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 21.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1539	72.5	7.1	354		7.25	No Sheen
1540	71.8	7.0	342		14.5	
1541	71.6	7.0	342		21.75	

Did well dewater? Yes (No) Gallons actually evacuated: 21.75

Sampling Time: 1545 Sampling Date: 7-9-99

Sample I.D.: MW-7 Laboratory: (Sequoia) Other ____

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.87	Depth to Water: 5.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	(0.16)	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

2.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1119	69.5	6.6	404		2.25	No Sheen
1122	69.9	6.6	415		4.5	
1126	70.0	6.5	411		6.75	

Did well dewater? Yes (No) Gallons actually evacuated: 6.75

Sampling Time: 1132 Sampling Date: 7-9-99

Sample I.D.: MW-8 Laboratory: (Sequoia) Other ____

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

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

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.68	Depth to Water: 6.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

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

2.0	X	3	=	6.0 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1041	~~68.8~~ 2	6.7	345		2	No Sheen
1045	69.4	6.7	289		4	
1050	69.0	6.7	294		6	

Did well dewater? Yes (No)		Gallons actually evacuated: 6	
Sampling Time: 1055		Sampling Date: 7-9-99	
Sample I.D.: MW-9		Laboratory: (Sequoia)	Other ____
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:		
D.O. (if req'd):	Pre-purge: mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV

EXXON WELL MONITORING DATA SHEET

Project #: 99070961	Job # 7-0104
Sampler: Morgan Gillies	Date: 7-9-99
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 15.06	Depth to Water: 6.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

1.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Turbidity	Gals. Removed	Observations
1502	70.2	6.8	820		1.5	No Sheen
1504	68.7	6.8	866		3	@ DOR
1507	68.8	6.8	858		4.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 4.5	
Sampling Time: 1510		Sampling Date: 7-9-99	
Sample I.D.: MW-11		Laboratory: (Sequoia)	Other ___
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other:		
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

ENCLOSURE D

Ground Water Monitoring
Laboratory Analytical Reports

Sequoia Analytical

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

May 19, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P905040

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on April 30, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

ANALYTICAL REPORT FOR P905040

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-6	P905040-01	Water	4/28/99
MW-8	P905040-02	Water	4/28/99
MW-9	P905040-03	Water	4/28/99
MW-11	P905040-04	Water	4/28/99

Sequoia Analytical

1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
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Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Sample Description: **MW-6**
Laboratory Sample Number: **P905040-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050277	5/11/99	5/11/99		1000	**15300**	ug/l	
Benzene	"	"	"		10.0	**1270**	"	
Toluene	"	"	"		10.0	**980**	"	
Ethylbenzene	"	"	"		10.0	**1100**	"	
Xylenes (total)	"	"	"		10.0	**3320**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*88.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*95.0*	"	
Volatile Organic Compounds by EPA Method 8260B								
Tert-amyl methyl ether	9050223	5/8/99	5/8/99		50.0	ND	ug/l	
Tert-butyl alcohol	"	"	"		1000	ND	"	
Di-isopropyl ether	"	"	"		50.0	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		25.0	ND	"	
1,2-Dichloroethane	"	"	"		25.0	ND	"	
Ethanol	"	"	"		5000	ND	"	
Ethyl tert-butyl ether	"	"	"		50.0	ND	"	
Methyl tert-butyl ether	"	"	"		25.0	**436**	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*102*	*%*	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*110*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*102*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*99.0*	"	

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(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Sample Description: **MW-8**
Laboratory Sample Number: **P905040-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050277	5/11/99	5/11/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*93.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*98.3*	"	
Volatile Organic Compounds by EPA Method 8260B								
Tert-amyl methyl ether	9050223	5/8/99	5/8/99		1.00	ND	ug/l	
Tert-butyl alcohol	"	"	"		20.0	ND	"	
Di-isopropyl ether	"	"	"		1.00	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		0.500	ND	"	
1,2-Dichloroethane	"	"	"		0.500	ND	"	
Ethanol	"	"	"		100	ND	"	
Ethyl tert-butyl ether	"	"	"		1.00	ND	"	
Methyl tert-butyl ether	"	"	"		0.500	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*100*	*%*	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*110*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*101*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*100*	"	

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Petaluma, CA 94954
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Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Sample Description: MW-9
Laboratory Sample Number: P905040-03

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050277	5/11/99	5/11/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*90.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*96.3*	"	
Volatile Organic Compounds by EPA Method 8260B								
Tert-amyl methyl ether	9050223	5/8/99	5/8/99		1.00	ND	ug/l	
Tert-butyl alcohol	"	"	"		20.0	ND	"	
Di-isopropyl ether	"	"	"		1.00	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		0.500	ND	"	
1,2-Dichloroethane	"	"	"		0.500	ND	"	
Ethanol	"	"	"		100	ND	"	
Ethyl tert-butyl ether	"	"	"		1.00	ND	"	
Methyl tert-butyl ether	"	"	"		0.500	ND	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*101*	*%*	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*107*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*102*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*102*	"	

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Sample Description: **MW-11**
Laboratory Sample Number: **P905040-04**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
			Sequoia Analytical - Petaluma					
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050277	5/11/99	5/11/99		50000	**59400**	ug/l	
Benzene	"	"	"		500	**3790**	"	
Toluene	"	"	"		500	**4260**	"	
Ethylbenzene	"	"	"		500	**1790**	"	
Xylenes (total)	"	"	"		500	**2970**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*98.3*	"	
Volatile Organic Compounds by EPA Method 8260B								
Tert-amyl methyl ether	9050223	5/8/99	5/8/99		200	ND	ug/l	
Tert-butyl alcohol	"	"	"		4000	ND	"	
Di-isopropyl ether	"	"	"		200	ND	"	
1,2-Dibromoethane (EDB)	"	"	"		100	ND	"	
1,2-Dichloroethane	"	"	"		100	ND	"	
Ethanol	"	"	"		20000	ND	"	
Ethyl tert-butyl ether	"	"	"		200	ND	"	
Methyl tert-butyl ether	"	"	"		100	**2390**	"	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*99.8*	*%*	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*80.0-120*		*110*	"	
Surrogate: Toluene-d8	"	"	"	*88.0-110*		*99.0*	"	
Surrogate: 4-Bromofluorobenzene	"	"	"	*86.0-115*		*93.4*	"	

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050277	**Date Prepared: 5/11/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9050277-BLK1**									
Gasoline	5/11/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*282*	"	*65.0-135*	*94.0*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*296*	"	*65.0-135*	*98.7*			
LCS	**9050277-BS1**									
Gasoline	5/11/99	1000		1030	ug/l	65.0-135	103			
Surrogate: 4-Bromofluorobenzene	"	*300*		*294*	"	*65.0-135*	*98.0*			
Matrix Spike	**9050277-MS1**		**P905187-01**							
Gasoline	5/11/99	1000	ND	1030	ug/l	65.0-135	**103**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*282*	"	*65.0-135*	*94.0*			
Matrix Spike Dup	**9050277-MSD1**		**P905187-01**							
Gasoline	5/11/99	1000	ND	1030	ug/l	65.0-135	**103**	20.0	**0**	
Surrogate: 4-Bromofluorobenzene	"	*300*		*283*	"	*65.0-135*	*94.3*			

Sequoia Analytical

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Petaluma, CA 94954
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Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050223	**Date Prepared: 5/8/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9050223-BLK1**									
Tert-amyl methyl ether	5/8/99			ND	ug/l	1.00				
Tert-butyl alcohol	"			ND	"	20.0				
Di-isopropyl ether	"			ND	"	1.00				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
Ethanol	"			ND	"	100				
Ethyl tert-butyl ether	"			ND	"	1.00				
Methyl tert-butyl ether	"			ND	"	0.500				
Surrogate: Dibromofluoromethane	"	*5.00*		*4.88*	"	*86.0-118*	*97.6*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*4.72*	"	*80.0-120*	*94.4*			
Surrogate: Toluene-d8	"	*5.00*		*4.89*	"	*88.0-110*	*97.8*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.93*	"	*86.0-115*	*98.6*			
Blank	**9050223-BLK2**									
Tert-amyl methyl ether	5/11/99			ND	ug/l	1.00				
Tert-butyl alcohol	"			ND	"	20.0				
Di-isopropyl ether	"			ND	"	1.00				
1,2-Dibromoethane (EDB)	"			ND	"	0.500				
1,2-Dichloroethane	"			ND	"	0.500				
Ethanol	"			ND	"	100				
Ethyl tert-butyl ether	"			ND	"	1.00				
Methyl tert-butyl ether	"			ND	"	0.500				
Surrogate: Dibromofluoromethane	"	*5.00*		*4.67*	"	*86.0-118*	*93.4*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*4.59*	"	*80.0-120*	*91.8*			
Surrogate: Toluene-d8	"	*5.00*		*4.87*	"	*88.0-110*	*97.4*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.78*	"	*86.0-115*	*95.6*			
LCS	**9050223-BS1**									
Methyl tert-butyl ether	5/8/99	5.00		5.30	ug/l	72.7-119	106			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.03*	"	*86.0-118*	*101*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*5.16*	"	*80.0-120*	*103*			
Surrogate: Toluene-d8	"	*5.00*		*4.97*	"	*88.0-110*	*99.4*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.85*	"	*86.0-115*	*97.0*			
LCS	**9050223-BS2**									
Methyl tert-butyl ether	5/11/99	5.00		4.88	ug/l	72.7-119	97.6			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.04*	"	*86.0-118*	*101*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*4.99*	"	*80.0-120*	*99.8*			
Surrogate: Toluene-d8	"	*5.00*		*5.06*	"	*88.0-110*	*101*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.91*	"	*86.0-115*	*98.2*			

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike	9050223-MS1		P905074-03							
Methyl tert-butyl ether	5/8/99	5.00	0.670	5.18	ug/l	72.7-119	**90.2**			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.04*	"	*86.0-118*	*101*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*5.24*	"	*80.0-120*	*105*			
Surrogate: Toluene-d8	"	*5.00*		*5.00*	"	*88.0-110*	*100*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.74*	"	*86.0-115*	*94.8*			
Matrix Spike Dup	9050223-MSD1		P905074-03							
Methyl tert-butyl ether	5/8/99	5.00	0.670	5.78	ug/l	72.7-119	**102**	20.0	**12.3**	
Surrogate: Dibromofluoromethane	"	*5.00*		*4.95*	"	*86.0-118*	*99.0*			
Surrogate: 1,2-Dichloroethane-d4	"	*5.00*		*5.40*	"	*80.0-120*	*108*			
Surrogate: Toluene-d8	"	*5.00*		*5.23*	"	*88.0-110*	*105*			
Surrogate: 4-Bromofluorobenzene	"	*5.00*		*4.87*	"	*86.0-115*	*97.4*			

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1455 McDowell Blvd. North, Ste. D
Petaluma, CA 94954
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Delta Environmental Consultants	Project:	Exxon	Sampled: 4/28/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 4/30/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

P905040

Consultant's Name: Delta Environmental — Page 1 of 1

Address: 3164 Gold Camp DR Rancho Cordova — Site Location: Almeda

Project #: — Consultant Project #: DO94-832 — Consultant Work Release #: 1993522

Project Contact: Jim Brownell — Phone #: 916 638-2085 — Laboratory Work Release #:

EXXON Contact: Marla — Phone #: — EXXON RAS #: 7-0104

Sampled by (print): Chris Hall Marty Morgan — Sampler's Signature:

Shipment Method: — Air Bill #:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8260		Temperature:_____ Inbound Seal: Yes No Outbound Seal: Yes No
MW 6	4-26-99	0636	water	HCl	6	-01	X			X		* Oxygenates by 8260
MW 8	"	0609	"	"	6	-02	X			X		
MW 9	"	0621	"	"	6	-03	X			X		
MW 11	4-26-99	0600	"	"	6	-04	X			X		

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐ N/A
COOLER TEMPERATURE 3 °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Delta	4-28-99	1235	Sequoia	4/28/99	1235	
	4-29			4/29	0930	
			Laura Shapiro Eurofins	4/29/99	13:00	
				4/30/99	1700	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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

July 29, 1999

Jim Brownell
Delta Environmental
3164 Gold camp Drive, #200
Rancho Cordova, CA 95670

RE: Exxon 7-0104/M907415

Dear Jim Brownell

Enclosed are the results of analyses for sample(s) received by the laboratory on July 12, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

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

Delta Environmental	Project:	Exxon	Sampled:	7/9/99
3164 Gold Camp Drive, #200	Project Number:	7-0104	Received:	7/12/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported:	7/29/99

July 29, 1999

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M907415-01	Water	7/9/99
MW-2	M907415-02	Water	7/9/99
MW-4	M907415-03	Water	7/9/99
MW-5	M907415-04	Water	7/9/99
MW-6	M907415-05	Water	7/9/99
MW-7	M907415-06	Water	7/9/99
MW-8	M907415-07	Water	7/9/99
MW-9	M907415-08	Water	7/9/99
MW-11	M907415-09	Water	7/9/99
TB	M907415-10	Water	7/9/99

M907415

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Page 1 of 2

Consultant's Name: Delta Environmental / Blaine Tech Services, Inc.
Address: 3164 Gold Camp Dr. Suite 200 Rancho Cordova, CA 95670
Project #: 99070961
Project Contact: James Brownell
EXXON Contact: Marla Guensler
Sampled by (print): Nick Sudano
Shipment Method:
Consultant Project #:
Phone #: (916) 638-2765
Phone #: (925) 246-8776
Sampler's Signature: [signature]
Air Bill #:
Site Location: 1725 Park, Alameda
Consultant Work Release #:
Laboratory Work Release #:
EXXON RAS #: 7-0104

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Temperature: ______
Inbound Seal: Yes No
Outbound Seal: Yes No

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE (8020)		
							X			X		
MW-1	7-9-99	1330	water	HCl	3		X			X		
MW-2	↓	1325	↓	↓	↓		X			X		
MW-4	↓	1525	↓	↓	↓		X			X		
MW-5	↓	1359	↓	↓	↓		X			X		
MW-6	↓	1235	↓	↓	↓		X			X		
MW-7	↓	1545	↓	↓	↓		X			X		
MW-8	↓	1132	↓	↓	↓		X			X		
MW-9	↓	1055	↓	↓	↓		X			(X)		
MW-11	↓	1510	↓	↓	↓							

Added on 7/19 per client, forgot this one [initials]

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / BTS	7/12	9:07	[signature]	7/12/99	907	
[signature]	7/12/99					

Pink - Client
Yellow - Sequoia
White - Sequoia

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental / Blaine Tech Services, Inc.		Site Location: 1725 Park, Alameda
Address: 3164 Gold Camp Dr. Suite 200 Rancho Cordova, CA 95670	Consultant Project #:	Consultant Work Release #:
Project #: 990709G1	Phone #: (916) 638-2765	Laboratory Work Release #:
Project Contact: James Brownell	Phone #: (925) 246-8776	EXXON RAS #: 7-0104
EXXON Contact: Marla Guensler	Sampler's Signature:	
Sampled by (print): Nick Sudano	Air Bill #:	
Shipment Method:		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE (8020)		Temperature: _____ Inbound Seal: Yes No Outbound Seal: Yes No
TB	7-9-99	—	Water	HCL	2		X			X		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
/ BTS	7/12	9:07		7/12	907	
	7/12/99					

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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

July 26, 1999

Ron Chew
Sequoia Analytical - Morgan Hill
885 Jarvis Drive
Morgan Hill, CA 95037

RE: Ron Chew/P907372

Dear Ron Chew

Enclosed are the results of analyses for sample(s) received by the laboratory on July 12, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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

Sequoia Analytical - Morgan Hill	Project:	Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number:	M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager:	Ron Chew	Reported: 7/26/99

ANALYTICAL REPORT FOR P907372

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1/M907415-01	P907372-01	Water	7/9/99
MW-2/M907415-02	P907372-02	Water	7/9/99
MW-4/M907415-03	P907372-03	Water	7/9/99
MW-5/M907415-04	P907372-04	Water	7/9/99
MW-6/M907415-05	P907372-05	Water	7/9/99
MW-7/M907415-06	P907372-06	Water	7/9/99
MW-8/M907415-07	P907372-07	Water	7/9/99
MW-9/M907415-08	P907372-08	Water	7/9/99
MW-11/M907415-09	P907372-09	Water	7/9/99
TB/M907415-10	P907372-10	Water	7/9/99

Sequoia Analytical

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

Sequoia Analytical - Morgan Hill	Project:	Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number:	M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager:	Ron Chew	Reported: 7/26/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1/M907415-01			P907372-01				Water	
Gasoline	9070442	7/22/99	7/22/99		50.0	**1030**	ug/l	
Benzene	"	"	"		0.500	**114**	"	
Toluene	"	"	"		0.500	**8.07**	"	
Ethylbenzene	"	"	"		0.500	**184**	"	
Xylenes (total)	"	"	"		0.500	**0.644**	"	
Methyl tert-butyl ether	"	"	"		2.00	**10.6**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*119*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*94.0*	"	
MW-2/M907415-02			P907372-02				Water	
Gasoline	9070442	7/22/99	7/22/99		1000	**14100**	ug/l	
Benzene	"	"	"		10.0	**4270**	"	
Toluene	"	"	"		10.0	**80.1**	"	
Ethylbenzene	"	"	"		10.0	**1300**	"	
Xylenes (total)	"	"	"		10.0	**339**	"	
Methyl tert-butyl ether	"	"	"		40.0	**3410**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*112*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.3*	"	
MW-4/M907415-03			P907372-03				Water	
Gasoline	9070442	7/22/99	7/22/99		250	**1300**	ug/l	
Benzene	"	"	"		2.50	**322**	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	**76.1**	"	
Xylenes (total)	"	"	"		2.50	ND	"	
Methyl tert-butyl ether	"	"	"		10.0	**1310**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*113*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.0*	"	
MW-5/M907415-04			P907372-04				Water	
Gasoline	9070442	7/22/99	7/22/99		500	**4360**	ug/l	
Benzene	"	"	"		5.00	**1780**	"	
Toluene	"	"	"		5.00	**18.6**	"	
Ethylbenzene	"	"	"		5.00	**45.0**	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Methyl tert-butyl ether	"	"	"		20.0	**2360**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*108*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*92.7*	"	
MW-6/M907415-05			P907372-05				Water	
Gasoline	9070442	7/22/99	7/22/99		100	**1140**	ug/l	

Sequoia Analytical

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

Sequoia Analytical - Morgan Hill	Project:	Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number:	M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager:	Ron Chew	Reported: 7/26/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-6/M907415-05 (continued)			**P907372-05**				**Water**	
Benzene	9070442	7/22/99	7/22/99		1.00	**121**	ug/l	
Toluene	"	"	"		1.00	**9.95**	"	
Ethylbenzene	"	"	"		1.00	**160**	"	
Xylenes (total)	"	"	"		1.00	**4.69**	"	
Methyl tert-butyl ether	"	"	"		4.00	**439**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*107*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*98.7*	"	
MW-7/M907415-06			**P907372-06**				**Water**	
Gasoline	9070442	7/22/99	7/22/99		100	**139**	ug/l	
Benzene	"	"	"		1.00	**3.79**	"	
Toluene	"	"	"		1.00	**7.10**	"	
Ethylbenzene	"	"	"		1.00	**1.19**	"	
Xylenes (total)	"	"	"		1.00	**8.65**	"	
Methyl tert-butyl ether	"	"	"		4.00	**860**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*110*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.3*	"	
MW-8/M907415-07			**P907372-07**				**Water**	
Gasoline	9070442	7/22/99	7/22/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	**3.01**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*108*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*99.0*	"	
MW-9/M907415-08			**P907372-08**				**Water**	
Gasoline	9070442	7/22/99	7/22/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*109*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*99.3*	"	
MW-11/M907415-09			**P907372-09**				**Water**	
Gasoline	9070442	7/22/99	7/22/99		1000	**51500**	ug/l	
Benzene	"	"	"		10.0	**5890**	"	

Sequoia Analytical

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

Sequoia Analytical - Morgan Hill	Project:	Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number:	M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager:	Ron Chew	Reported: 7/26/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-11/M907415-09 (continued)			**P907372-09**				**Water**	
Toluene	9070442	7/22/99	7/22/99		10.0	**5340**	ug/l	
Ethylbenzene	"	"	"		10.0	**2370**	"	
Xylenes (total)	"	"	"		10.0	**12700**	"	
Methyl tert-butyl ether	"	"	"		40.0	**4630**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*114*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*98.3*	"	
TB/M907415-10			**P907372-10**				**Water**	
Gasoline	9070442	7/22/99	7/22/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*98.7*	"	

Sequoia Analytical

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

Sequoia Analytical - Morgan Hill	Project: Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number: M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager: Ron Chew	Reported: 7/26/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9070442	**Date Prepared: 7/22/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9070442-BLK1**									
Gasoline	7/22/99			ND	ug/l	**50.0**				
Benzene	"			ND	"	**0.500**				
Toluene	"			ND	"	**0.500**				
Ethylbenzene	"			ND	"	**0.500**				
Xylenes (total)	"			ND	"	**0.500**				
Methyl tert-butyl ether	"			ND	"	**2.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*305*	"	*65.0-135*	*102*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*274*	"	*65.0-135*	*91.3*			
LCS	**9070442-BS1**									
Gasoline	7/22/99	1000		850	ug/l	65.0-135	85.0			
Surrogate: 4-Bromofluorobenzene	"	*300*		*288*	"	*65.0-135*	*96.0*			
Matrix Spike	**9070442-MS1**		**P907372-01**							
Gasoline	7/22/99	1000	1030	1870	ug/l	65.0-135	**84.0**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*275*	"	*65.0-135*	*91.7*			
Matrix Spike Dup	**9070442-MSD1**		**P907372-01**							
Gasoline	7/22/99	1000	1030	1890	ug/l	65.0-135	**86.0**	20.0	**2.35**	
Surrogate: 4-Bromofluorobenzene	"	*300*		*286*	"	*65.0-135*	*95.3*			

Sequoia Analytical

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Sequoia Analytical - Morgan Hill	Project:	Ron Chew	Sampled: 7/9/99
885 Jarvis Drive	Project Number:	M907415	Received: 7/12/99
Morgan Hill, CA 95037	Project Manager:	Ron Chew	Reported: 7/26/99

Notes and Definitions

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

Sequoia Analytical - Morgan Hill Subcontract Order
M907415

Sending Laboratory	Receiving Laboratory
Sequoia Analytical - Morgan Hill 885 Jarvis Drive Morgan Hill, CA 95037 Phone: 408-776-9600 Fax: 408-782-6308 Project Manager: Ron Chew	[redacted] [redacted] [redacted] [redacted] [redacted]

PET

COOLER CUSTODY SEALS INTACT☐ NOT INTACT☐
COOLER TEMPERATURE 12 °C

Subcontract Order Comments

7/12/99 11:45

Sample/Analysis Information

Sample Name	Matrix	Sampled/ Expires	Analysis Requested	Due	Lab Number	Container	Comments
M907415-01	Water	7/9/99			P907572-01	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-02	Water	7/9/99			-02	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-03	Water	7/9/99			-03	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-04	Water	7/9/99			-04	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-05	Water	7/9/99			-05	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-06	Water	7/9/99			-06	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-07	Water	7/9/99			-07	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-08	Water	7/9/99			-08	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
M907415-09	Water	7/9/99			-09	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek
		7/23/99	TPH-G/BTEX	7/21/99			Walnut Creek
M907415-10	Water	7/9/99			-10	A, B, C	
		7/23/99	TPH-G/B/M2	7/21/99			Walnut Creek

COOLER CUSTODY SEALS INTACT☐ NOT INTACT☐
COOLER TEMPERATURE _____ °C

Released By [signature] Date 7/19/99 Received By [signature] Date 7-21 1100

Released By [signature] Date 7-21 Received By [signature] Date 7/21/99 1430

ENCLOSURE E

Ground Water Treatment System
Laboratory Analytical Reports

Sequoia Analytical

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

April 19, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P904327

Dear Jim Brownell

Enclosed are the results of analyses for sample(s) received by the laboratory on April 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 4/19/99

ANALYTICAL REPORT FOR P904327

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent	P904327-01	Water	4/5/99
Mid	P904327-02	Water	4/5/99
Influent	P904327-03	Water	4/5/99

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 4/19/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Effluent			P904327-01				Water	
Gasoline	9040352	4/15/99	4/15/99		500	ND	ug/l	
Benzene	"	"	"		5.00	ND	"	
Toluene	"	"	"		5.00	ND	"	
Ethylbenzene	"	"	"		5.00	ND	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*93.7*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*98.7*	"	
Mid			P904327-02				Water	
Gasoline	9040352	4/15/99	4/15/99		500	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		5.00	ND	"	
Ethylbenzene	"	"	"		5.00	ND	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*96.0*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*980*	"	
Influent			P904327-03				Water	
Gasoline	9040352	4/15/99	4/15/99		500	ND	ug/l	
Benzene	"	"	"		5.00	**36.6**	"	
Toluene	"	"	"		5.00	**12.2**	"	
Ethylbenzene	"	"	"		5.00	**5.84**	"	
Xylenes (total)	"	"	"		5.00	**20.9**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*94.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*98.0*	"	

Sequoia Analytical

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Delta Environmental Consultants	Project: Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 4/19/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9040352	**Date Prepared: 4/15/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9040352-BLK1**									
Gasoline	4/15/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*277*	"		*92.3*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*301*	"		*100*			
LCS	**9040352-BS1**									
Benzene	4/15/99	100		101	ug/l		101			
Toluene	"	100		98.8	"		98.8			
Ethylbenzene	"	100		92.5	"		92.5			
Xylenes (total)	"	300		289	"		96.3			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*288*	"		*96.0*			
Matrix Spike	**9040352-MS1**		**P904340-02**							
Benzene	4/15/99	100	ND	97.6	ug/l		**97.6**			
Toluene	"	100	ND	96.3	"		**96.3**			
Ethylbenzene	"	100	ND	89.7	"		**89.7**			
Xylenes (total)	"	300	ND	280	"		**93.3**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*265*	"		*88.3*			
Matrix Spike Dup	**9040352-MSD1**		**P904340-02**							
Benzene	4/15/99	100	ND	104	ug/l		**104**	**6.35**		
Toluene	"	100	ND	102	"		**102**	**5.75**		
Ethylbenzene	"	100	ND	88.8	"		**88.8**	**1.01**		
Xylenes (total)	"	300	ND	259	"		**86.3**	**7.80**		
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*283*	"		*94.3*			

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 4/19/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

RAS

Page 1 of 1

Consultant's Name: Delta Environmental Consultants, Inc.

Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670

Site Location: Alameda, CA

Project #: 7-0104

Consultant Project #: D094-832

Consultant Work Release #: 19432522

Project Contact: Jim Brownell

Phone #: 916 638 2085

Laboratory Work Release #:

EXXON Contact: Marla Guensler

Phone #:

EXXON RAS #: 7-0104

Sampled by (print): Martin Morgan

Sampler's Signature: [signature]

Shipment Method: Sequoia Courier

Air Bill #:

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: ON ICE Inbound Seal: Yes No Outbound Seal: Yes No
effluent	4/5/99	0538	H_2O	HCl	3	9904327-01	X					
Mid	4/5/99	0540	H_2O	HCl	3	↓ -02	X					
influent	4/5/99	0542	H_2O	HCl	3	↓ -03	X					

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐ N/A
COOLER TEMPERATURE 5 °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	4/6/99	9:05 AM	[signature] Sequoia Drvr	4/6/99	9:05 A	
[signature]	4/6/99	9:50 AM	[signature] CSC	4-6	1000	
[signature] CSC	4-6		[signature]	4/7/99	8:00	

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

May 19, 1999

Jim Brownell
Delta Environmental
3164 Gold Camp Drive, #200
Rancho Cordova, CA 95670

RE: Exxon

Dear Jim Brownell

Enclosed are the results of analyses for sample(s) received by the laboratory on May 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Delta Environmental	Project: Exxon	Sampled: 5/6/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 5/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 5/19/99 14:10

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
effluent	M905128-01	Water	5/6/99
Mid	M905128-02	Water	5/6/99
influent	M905128-03	Water	5/6/99

Ron Chew, Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Delta Environmental	Project:	Exxon	Sampled: 5/6/99
3164 Gold Camp Drive, #200	Project Number:	7-0104	Received: 5/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 5/19/99 14:10

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT
Sequoia Analytical - Redwood City

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
effluent			M905128-01				Water	
Purgeable Hydrocarbons	9050243	5/12/99	5/12/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*86.0*	%	
Mid			M905128-02				Water	
Purgeable Hydrocarbons	9050243	5/12/99	5/12/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*83.0*	%	
influent			M905128-03				Water	
Purgeable Hydrocarbons	9050243	5/12/99	5/12/99		50.0	**310**	ug/l	1
Benzene	"	"	"		0.500	**45.0**	"	
Toluene	"	"	"		0.500	**6.00**	"	
Ethylbenzene	"	"	"		0.500	**0.860**	"	
Xylenes (total)	"	"	"		0.500	**41.0**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*88.0*	%	

Sequoia Analytical

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

Delta Environmental	Project: Exxon	Sampled: 5/6/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 5/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 5/19/99 14:10

Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT/Quality Control
Sequoia Analytical - Redwood City

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050243	**Date Prepared: 5/12/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9050243-BLK1**									
Purgeable Hydrocarbons	5/12/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.70*	"	*70.0-130*	*97.0*			
LCS	**9050243-BS1**									
Purgeable Hydrocarbons	5/12/99	250		260	ug/l	70.0-130	104			
Benzene	"			ND	"	70.0-130				
Toluene	"			ND	"	70.0-130				
Ethylbenzene	"			ND	"	70.0-130				
Xylenes (total)	"			ND	"	70.0-130				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.70*	"	*70.0-130*	*87.0*			
Matrix Spike	**9050243-MS1**		**M905127-03**							
Purgeable Hydrocarbons	5/12/99	250	ND	250	ug/l	60.0-140	**100**			
Benzene	"		ND	ND	"	60.0-140				
Toluene	"		ND	ND	"	60.0-140				
Ethylbenzene	"		ND	ND	"	60.0-140				
Xylenes (total)	"		ND	ND	"	60.0-140				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			
Matrix Spike Dup	**9050243-MSD1**		**M905127-03**							
Purgeable Hydrocarbons	5/12/99	250	ND	250	ug/l	60.0-140	**100**	25.0	**0**	
Benzene	"		ND	ND	"	60.0-140		25.0		
Toluene	"		ND	ND	"	60.0-140		25.0		
Ethylbenzene	"		ND	ND	"	60.0-140		25.0		
Xylenes (total)	"		ND	ND	"	60.0-140		25.0		
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.40*	"	*70.0-130*	*84.0*			

Sequoia Analytical

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Delta Environmental	Project: Exxon	Sampled: 5/6/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 5/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 5/19/99 14:10

Notes and Definitions

#	Note
1	This sample appears to contain or be saturated with gasoline product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

Sequoia Analytical

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

June 21, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P906452

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on June 8, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mary Tanney

for Matt Sakai
Project Manager

CA ELAP Certificate Number 2245

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 6/21/99

ANALYTICAL REPORT FOR P906452

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent	P906452-01	Water	6/7/99
Mid	P906452-02	Water	6/7/99
Influent	P906452-03	Water	6/7/99

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 6/21/99

Sample Description: **Effluent**
Laboratory Sample Number: **P906452-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9060516	6/17/99	6/17/99		250	ND	ug/l	
Benzene	"	"	"		2.50	ND	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*102*	"	

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 6/21/99

Sample Description: **Mid**
Laboratory Sample Number: **P906452-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9060516	6/17/99	6/17/99		100	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Toluene	"	"	"		1.00	ND	"	
Ethylbenzene	"	"	"		1.00	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*101*	"	

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 6/21/99

Sample Description: **Influent**
Laboratory Sample Number: **P906452-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9060516	6/17/99	6/17/99		250	ND	ug/l	
Benzene	"	"	"		2.50	**24.8**	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	**8.74**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*101*	"	

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 6/21/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9060516	**Date Prepared: 6/17/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9060516-BLK1**									
Gasoline	6/17/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*281*	"	*65.0-135*	*93.7*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*293*	"	*65.0-135*	*97.7*			
LCS	**9060516-BS1**									
Benzene	6/17/99	100		101	ug/l	65.0-135	101			
Toluene	"	100		101	"	65.0-135	101			
Ethylbenzene	"	100		94.9	"	65.0-135	94.9			
Xylenes (total)	"	300		296	"	65.0-135	98.7			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*290*	"	*65.0-135*	*96.7*			
Matrix Spike	**9060516-MS1**		**P906369-01**							
Benzene	6/17/99	100	ND	100	ug/l	65.0-135	**100**			
Toluene	"	100	ND	101	"	65.0-135	**101**			
Ethylbenzene	"	100	ND	95.3	"	65.0-135	**95.3**			
Xylenes (total)	"	300	ND	294	"	65.0-135	**98.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*257*	"	*65.0-135*	*85.7*			
Matrix Spike Dup	**9060516-MSD1**		**P906369-01**							
Gasoline	6/17/99		ND	ND	ug/l	65.0-135		20.0		
Benzene	"	100	ND	106	"	65.0-135	**106**	20.0	**5.83**	
Toluene	"	100	ND	106	"	65.0-135	**106**	20.0	**4.83**	
Ethylbenzene	"	100	ND	100	"	65.0-135	**100**	20.0	**4.81**	
Xylenes (total)	"	300	ND	309	"	65.0-135	**103**	20.0	**4.98**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*275*	"	*65.0-135*	*91.7*			

Sequoia Analytical

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Delta Environmental Consultants	Project: Exxon	Sampled: 6/7/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104 / D094-832	Received: 6/8/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 6/21/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Consultant, Inc. | Page 1 of 1

Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670		Site Location: Alameda
Project #: 7-0104	Consultant Project #: D094-832	Consultant Work Release #: 19432523
Project Contact: Jim Brownell	Phone #: 916 638 2085	Laboratory Work Release #:
EXXON Contact: Marla Guensler	Phone #:	EXXON RAS #: 7-0104
Sampled by (print): Martin Morgan	Sampler's Signature:	
Shipment Method: Sequoia Courier	Air Bill #:	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature ON ICE Inbound Seal: Yes No Outbound Seal: Yes No
effluent	6/7/99	0744	H_2O	HCl	3		X		P9906452-1			
Mid	6/7/99	0747	H_2O	HCl	3		X				-2	
Influent	6/7/99	0749	H_2O	HCl	3		X				-3	

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐
COOLER TEMPERATURE 6 °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
/ Delta	6/7/99	1557		6/7	15:57	
	6/7	4:35	CSC	6-8	0930	
CSC	6-8			6/8/99	1215	

Pink - Client
Yellow - Sequoia
White - Sequoia

D074-8 52

Sequoia Analytical

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

August 11, 1999

Jim Brownell
Delta Environmental (Exxon)
3164 Gold Camp Drive, #200
Rancho Cordova, CA 95670

RE: Exxon 7-0104/9080024

Dear Jim Brownell

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

Sincerely,

Ron Chew
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

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

Delta Environmental (Exxon)	Project: Exxon	Sampled: 7/28/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 7/29/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/11/99

ANALYTICAL REPORT FOR 9080024

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent	9080024-01	Water	7/28/99
MID	9080024-02	Water	7/28/99
Influent	9080024-03	Water	7/28/99

Sequoia Analytical

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

Delta Environmental (Exxon)	Project:	Exxon	Sampled: 7/28/99
3164 Gold Camp Drive, #200	Project Number:	7-0104	Received: 7/29/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/11/99

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Effluent			9080024-01				Water	
Purgeable Hydrocarbons	9080300	8/10/99	8/10/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*87.0*	%	
MID			9080024-02				Water	
Purgeable Hydrocarbons	9080300	8/10/99	8/10/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*81.0*	%	
Influent			9080024-03				Water	
Purgeable Hydrocarbons	9080300	8/10/99	8/10/99		100	ND	ug/l	
Benzene	"	"	"		1.00	**7.00**	"	1
Toluene	"	"	"		1.00	ND	"	
Ethylbenzene	"	"	"		1.00	**2.40**	"	1
Xylenes (total)	"	"	"		1.00	**6.40**	"	1
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*79.0*	%	

Sequoia Analytical

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

Delta Environmental (Exxon)	Project: Exxon	Sampled: 7/28/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 7/29/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/11/99

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080300	**Date Prepared: 8/10/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	9080300-BLK1									
Purgeable Hydrocarbons	8/10/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.80*	"	*70.0-130*	*88.0*			
LCS	9080300-BS1									
Purgeable Hydrocarbons	8/10/99	250		256	ug/l	70.0-130	102			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.6*	"	*70.0-130*	*126*			
Matrix Spike	9080300-MS1		9070121-15							
Purgeable Hydrocarbons	8/10/99	250	ND	223	ug/l	60.0-140	**89.2**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.1*	"	*70.0-130*	*111*			
Matrix Spike Dup	9080300-MSD1		9070121-15							
Purgeable Hydrocarbons	8/10/99	250	ND	234	ug/l	60.0-140	**93.6**	25.0	**4.81**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.1*	"	*70.0-130*	*111*			

Sequoia Analytical

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

Delta Environmental (Exxon)	Project: Exxon	Sampled: 7/28/99
3164 Gold Camp Drive, #200	Project Number: 7-0104	Received: 7/29/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/11/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

9080024

Consultant's Name: Delta Environmental Consultants, Inc.			**Page** 1 of 1
Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670			**Site Location:** Alameda, CA
Project #: 7-0104	**Consultant Project #:** D094-832		**Consultant Work Release #:** 19437522
Project Contact: Jim Brownell	**Phone #:** 916 638 2085		**Laboratory Work Release #:**
EXXON Contact: Marla Guensler	**Phone #:**		**EXXON RAS #:**
Sampled by (print): Martin Morgan	**Sampler's Signature:**		
Shipment Method: Sequoia Courier	**Air Bill #:**		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: ON ICE Inbound Seal: Yes No Outbound Seal: Yes No
effluent	7/28/99		H_2O	HCl	3	01	X					
Mid	7/28/99		H_2O	HCl	3	02	X					
influent	7/28/99		H_2O	HCl	3	03	X					

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Sequoia	7/29/99	1640	M Kagi / Sequoia	7/29	1640	
	7/29/99	1750		7/29/99	1750	
				7-30	1000	

B12

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

ANALYTICAL REPORT FOR P908319

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EFFLUENT	P908319-01	Water	8/9/99
MID	P908319-02	Water	8/9/99
INFLUENT	P908319-03	Water	8/9/99

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
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Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

Sample Description: **INFLUENT**
Laboratory Sample Number: **P908319-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								1
Gasoline	9080348	8/16/99	8/16/99		500	ND	ug/l	
Benzene	"	"	"		5.00	**17.1**	"	
Toluene	"	"	"		5.00	**5.88**	"	
Ethylbenzene	"	"	"		5.00	ND	"	
Xylenes (total)	"	"	"		5.00	**26.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*113*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*84.3*	"	

Sequoia Analytical

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Petaluma, CA 94954
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Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

Sample Description: **MID**
Laboratory Sample Number: **P908319-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								1
Gasoline	9080348	8/16/99	8/16/99		250	ND	ug/l	
Benzene	"	"	"		2.50	ND	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.7*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*81.0*	"	

Sequoia Analytical

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Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

Sample Description: **EFFLUENT**
Laboratory Sample Number: **P908319-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								1
Gasoline	9080348	8/16/99	8/16/99		250	ND	ug/l	
Benzene	"	"	"		2.50	ND	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*81.0*	"	

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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Petaluma, CA 94954
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FAX (707) 792-0342

Delta Environmental Consultants	Project: Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number: DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/18/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080348	**Date Prepared: 8/14/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9080348-BLK1**									
Gasoline	8/14/99			ND	ug/l	**50.0**				
Benzene	"			ND	"	**0.500**				
Toluene	"			ND	"	**0.500**				
Ethylbenzene	"			ND	"	**0.500**				
Xylenes (total)	"			ND	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*312*	"	*65.0-135*	*104*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*274*	"	*65.0-135*	*91.3*			
Blank	**9080348-BLK2**									
Gasoline	8/16/99			ND	ug/l	**50.0**				
Benzene	"			ND	"	**0.500**				
Toluene	"			ND	"	**0.500**				
Ethylbenzene	"			ND	"	**0.500**				
Xylenes (total)	"			ND	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*324*	"	*65.0-135*	*108*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*269*	"	*65.0-135*	*89.7*			
LCS	**9080348-BS1**									
Benzene	8/14/99	100		81.8	ug/l	65.0-135	81.8			
Toluene	"	100		85.5	"	65.0-135	85.5			
Ethylbenzene	"	100		87.7	"	65.0-135	87.7			
Xylenes (total)	"	300		266	"	65.0-135	88.7			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*301*	"	*65.0-135*	*100*			
LCS	**9080348-BS2**									
Benzene	8/16/99	100		82.4	ug/l	65.0-135	82.4			
Toluene	"	100		85.9	"	65.0-135	85.9			
Ethylbenzene	"	100		87.5	"	65.0-135	87.5			
Xylenes (total)	"	300		266	"	65.0-135	88.7			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*294*	"	*65.0-135*	*98.0*			
Matrix Spike	**9080348-MS1**		**P908216-01**							
Benzene	8/14/99	100	ND	85.9	ug/l	65.0-135	**85.9**			
Toluene	"	100	ND	89.5	"	65.0-135	**89.5**			
Ethylbenzene	"	100	ND	91.4	"	65.0-135	**91.4**			
Xylenes (total)	"	300	ND	276	"	65.0-135	**92.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*311*	"	*65.0-135*	*104*			
Matrix Spike Dup	**9080348-MSD1**		**P908216-01**							
Benzene	8/14/99	100	ND	86.5	ug/l	65.0-135	**86.5**	20.0	**0.696**	

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
5164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**9080348-MSD1**		**P908216-01**							
Toluene	8/14/99	100	ND	90.6	ug/l	65.0-135	**90.6**	20.0	**1.22**	
Ethylbenzene	"	100	ND	92.6	"	65.0-135	**92.6**	20.0	**1.30**	
Xylenes (total)	"	300	ND	281	"	65.0-135	**93.7**	20.0	**1.83**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*315*	"	*65.0-135*	*105*			

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
9164 Gold Camp Dr., Suite 200	Project Number:	DO94-832/7-0104	Received: 8/10/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/18/99

Notes and Definitions

Note	
1	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

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

P99083|09

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Consultants, Inc.			Page 1 of 1
Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670			**Site Location:** Alameda, CA
Project #: 7-0104	**Consultant Project #:** D094-832		**Consultant Work Release #:** 19432532
Project Contact: Jim Brownell	**Phone #:** 916 638 2085		**Laboratory Work Release #:**
EXXON Contact: Marla Guenther	**Phone #:**		**EXXON RAS #:** 7-0104
Sampled by (print): Martin Morgan	**Sampler's Signature:**		
Shipment Method:	**Air Bill #:**		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: ON ICE Inbound Seal: Yes No Outbound Seal: Yes No
effluent	8/9/99	0838	H_2O	HCl	3	P99083|09-01	X					
Mid	8/9/99	0840	H_2O	HCl	3	↓ -02	X					
influent	8/9/99	0842	H_2O	HCl	3	↓ -03	X					

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐
COOLER TEMPERATURE 6 °F

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	8-10-99	1545	[signature] / SEQUOIA	8-10-99	1545	
[signature] COC	8-11		[signature] CUS C	8-11	0930	
			[signature]	8/11/99	1500	

Pink - Client
Yellow - Sequoia
White - Sequoia

ENCLOSURE F

Soil Vapor Extraction System
Laboratory Analytical Reports

Sequoia Analytical

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

July 8, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P904147

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on April 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Note: This report was revised on July 8, 1999 to change units to ppmv for the samples.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/8/99

ANALYTICAL REPORT FOR P904147

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent Air	P904147-01	Air	4/5/99
Mid Air	P904147-02	Air	4/5/99
Influent Air	P904147-03	Air	4/5/99

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Effluent Air**
Laboratory Sample Number: **P904147-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9040132	4/7/99	4/7/99		2.84	ND	ppmv	
Benzene	"	"	"		0.0314	ND	"	
Toluene	"	"	"		0.0266	ND	"	
Ethylbenzene	"	"	"		0.0231	ND	"	
Xylenes (total)	"	"	"		0.0231	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*101*	"	

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Mid Air**
Laboratory Sample Number: **P904147-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9040132	4/7/99	4/7/99		2.84	4.6	ppmv	
Benzene	"	"	"		0.0314	ND	"	
Toluene	"	"	"		0.0266	ND	"	
Ethylbenzene	"	"	"		0.0231	ND	"	
Xylenes (total)	"	"	"		0.0231	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*94.0*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*101*	"	

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Influent Air**
Laboratory Sample Number: **P904147-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9040132	4/7/99	4/7/99		2.84	**42.6**	ppmv	
Benzene	"	"	"		0.100	**0.474**	"	
Toluene	"	"	"		0.100	**2.64**	"	
Ethylbenzene	"	"	"		0.100	**0.2270**	"	
Xylenes (total)	"	"	"		0.100	**1.09**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	-		*94.7*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	-		*103*	"	

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project: Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/8/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9040132	**Date Prepared: 4/7/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9040132-BLK1**									
Gasoline	4/7/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*285*	"		*95.0*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*291*	"		*97.0*			
LCS	**9040132-BS1**									
Gasoline	4/7/99			ND	ug/l					
Benzene	"			ND	"					
LCS	**9040132-BS2**									
Gasoline	4/7/99	1000		973	ug/l		97.3			
Surrogate: 4-Bromofluorobenzene	"	*300*		*286*	"		*95.3*			
LCS	**9040132-BS3**									
Benzene	4/7/99	100		108	ug/l		108			
Toluene	"	100		105	"		105			
Ethylbenzene	"	100		97.4	"		97.4			
Xylenes (total)	"	300		305	"		102			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*291*	"		*97.0*			
Matrix Spike	**9040132-MS1**		**P904064-01**							
Gasoline	4/7/99	1000	ND	949	ug/l		**94.9**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*285*	"		*95.0*			
Matrix Spike	**9040132-MS2**		**P904064-01**							
Benzene	4/7/99	100	ND	114	ug/l		**114**			
Toluene	"	100	ND	112	"		**112**			
Ethylbenzene	"	100	ND	104	"		**104**			
Xylenes (total)	"	300	ND	326	"		**109**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*300*	"		*100*			
Matrix Spike Dup	**9040132-MSD1**		**P904064-01**							
Gasoline	4/7/99	1000	ND	972	ug/l		**97.2**	**2.39**		
Surrogate: 4-Bromofluorobenzene	"	*300*		*287*	"		*95.7*			
Matrix Spike Dup	**9040132-MSD2**		**P904064-01**							
Benzene	4/7/99	100	ND	107	ug/l		**107**	**6.33**		

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**9040132-MSD2**		**P904064-01**							
Toluene	4/7/99	100	ND	106	ug/l		**106**		**5.50**	
Ethylbenzene	"	100	ND	98.1	"		**98.1**		**5.84**	
Xylenes (total)	"	300	ND	307	"		**102**		**6.64**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*250*	"		*83.3*			

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 4/5/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 4/7/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

RWC

Consultant's Name: Delta Environmental Consultants, Inc.			**Page** 1 **of** 1
Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670		**Site Location:** Alameda, CA	
Project #: 7-0104	**Consultant Project #:** D094-832	**Consultant Work Release #:** 1943522	
Project Contact: Jim Brownell	**Phone #:** 9166382085	**Laboratory Work Release #:**	
EXXON Contact: Marla Guenther	**Phone #:**	**EXXON RAS #:** 70104	
Sampled by (print): Martin Morgan	**Sampler's Signature:**		
Shipment Method: Sequoia Courier	**Air Bill #:**		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ ~~Standard~~ (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: Ambient Inbound Seal: Yes No Outbound Seal: Yes No
Effluent Air	4/5/94	0610	Air	—	1	9404170	X					
Mid Air	4/5/94	0612	Air	—	1	-02	X					
Influent Air	4/5/94	0614	Air	—	1	-03	X					

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐

COOLER TEMPERATURE _____ °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	4/6/94	9:05 AM	[signature] / Sequoia Anal.	4/6/94	9:05 AM	
[signature]	4/6/94	9:50 AM	[signature]	4-6	1000	
[signature]	4-6		[signature]	4/7/94	8:00	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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

July 8, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P905164

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on May 6, 1999. If you have any questions concerning this report, please feel free to contact me.

Note: This report was revised on July 8, 1999 to change units to ppmv on samples.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 5/6/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

ANALYTICAL REPORT FOR P905164

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent Air	P905164-01	Air	5/6/99
Mid Air	P905164-02	Air	5/6/99
Influent Air	P905164-03	Air	5/6/99

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 5/6/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Effluent Air**
Laboratory Sample Number: **P905164-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9050186	5/7/99	5/7/99		2.84	**4.71**	ppmv	
Benzene	"	"	"		0.0314	ND	"	
Toluene	"	"	"		0.0266	ND	"	
Ethylbenzene	"	"	"		0.0231	ND	"	
Xylenes (total)	"	"	"		0.0231	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*121*	"	

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 5/6/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Mid Air**
Laboratory Sample Number: **P905164-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9050186	5/7/99	5/7/99		2.84	**4.20**	ppmv	
Benzene	"	"	"		0.0314	ND	"	
Toluene	"	"	"		0.0266	ND	"	
Ethylbenzene	"	"	"		0.0231	ND	"	
Xylenes (total)	"	"	"		0.0231	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*120*	"	

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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

Delta Environmental Consultants	Project:	Exxon	Sampled: 5/6/99
3164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/8/99

Sample Description: **Influent Air**
Laboratory Sample Number: **P905164-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline (MW = 86.2)	9050186	5/7/99	5/7/99		2.84	**11.83**	ppmv	
Benzene	"	"	"		0.0314	**0.0872**	"	
Toluene	"	"	"		0.0266	**0.241**	"	
Ethylbenzene	"	"	"		0.0231	ND	"	
Xylenes (total)	"	"	"		0.0231	**0.0526**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*89.3*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*114*	"	

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 5/6/99
3164 Gold Camp Dr., Suite 200	Project Number: D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/8/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050186	**Date Prepared: 5/7/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9050186-BLK1**									
Gasoline	5/7/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*268*	"	*65.0-135*	*89.3*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*339*	"	*65.0-135*	*113*			
LCS	**9050186-BS1**									
Gasoline	5/7/99	1000		873	ug/l	65.0-135	87.3			
Surrogate: 4-Bromofluorobenzene	"	*300*		*362*	"	*65.0-135*	*121*			
Matrix Spike	**9050186-MS1**		**P905027-09**							
Gasoline	5/7/99	1000	175	1050	ug/l	65.0-135	**87.5**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*325*	"	*65.0-135*	*108*			
Matrix Spike Dup	**9050186-MSD1**		**P905027-09**							
Gasoline	5/7/99	1000	175	1030	ug/l	65.0-135	**85.5**	20.0	2.31	
Surrogate: 4-Bromofluorobenzene	"	*300*		*270*	"	*65.0-135*	*90.0*			

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 5/6/99
5164 Gold Camp Dr., Suite 200	Project Number: D094-832/7-0104	Received: 5/6/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/8/99

Notes and Definitions

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

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

R905164

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: Delta Environmental Consultants, Inc.			**Page** 1 **of** 1
Address: 3164 Gold Camp Dr. #200 Rancho Cordova CA 95670			**Site Location:** Alameda, CA
Project #: 7-0104	**Consultant Project #:** D094-832		**Consultant Work Release #:** 194325722
Project Contact: Jim Brownell	**Phone #:** 916 638 2085		**Laboratory Work Release #:**
EXXON Contact: Marla Grensler	**Phone #:**		**EXXON RAS #:** 7-0104
Sampled by (print): Martin Morgen	**Sampler's Signature:**		
Shipment Method:	**Air Bill #:**		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: Ambient Inbound Seal: Yes No Outbound Seal: Yes No
effluent Air	5/6/99	0842	Air	—	1		X					
Mid Air	5/6/99	0844	Air	—	1		X					
Influent Air	5/6/99	0846	Air	—	1		X					
		COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐										
		COOLER TEMPERATURE 22 °C										

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
[signature] / Delta	5/6/99	1320	[signature] Sequoia Analytical	5/6/99	13:20	
[signature] Sequoia	5/6/99	1350	[signature] csc	5-7	0532	
[signature] csc	5-7		[signature] / Sequ	5/7	1301	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

July 7, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

94-832

RE: Exxon/P905766

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on May 27, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 5/26/99
5164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 5/27/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/7/99

ANALYTICAL REPORT FOR P905766

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent Air	P905766-01	Air	5/26/99
Mid Air	P905766-02	Air	5/26/99

Sequoia Analytical

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(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 5/26/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 5/27/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/7/99

Sample Description: **Effluent Air**
Laboratory Sample Number: **P905766-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050856	5/28/99	5/28/99		10.0	**42.2**	ug/l	
Gasoline (ppmv, MW 86.2)	"	"	"		2.84	**12.0**	ppmv	
Benzene	"	"	"		0.100	ND	ug/l	
Benzene (ppmv)	"	"	"		0.0314	ND	ppmv	
Toluene	"	"	"		0.100	ND	ug/l	
Toluene (ppmv)	"	"	"		0.0266	ND	ppmv	
Ethylbenzene	"	"	"		0.100	ND	ug/l	
Ethylbenzene (ppmv)	"	"	"		0.0230	ND	ppmv	
Xylenes (total)	"	"	"		0.100	ND	ug/l	
Xylenes (total) (ppmv)	"	"	"		0.0230	ND	ppmv	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*93.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.3*	"	

**Refer to end of report for text of notes and definitions.*

Sequoia Analytical

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

elta Environmental Consultants	Project:	Exxon	Sampled: 5/26/99
164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 5/27/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/7/99

ample Description: **Mid Air**
Laboratory Sample Number: **P905766-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
otal Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9050856	5/28/99	5/28/99		10.0	**63.5**	ug/l	
Gasoline (ppmv, MW 86.2)	"	"	"		2.84	**18.0**	ppmv	
enzene	"	"	"		0.100	ND	ug/l	
enzene (ppmv)	"	"	"		0.0314	**0.0683**	ppmv	
Toluene	"	"	"		0.100	ND	ug/l	
oluene (ppmv)	"	"	"		0.0266	ND	ppmv	
thylbenzene	"	"	"		0.100	ND	ug/l	
Ethylbenzene (ppmv)	"	"	"		0.0230	ND	ppmv	
Xylenes (total)	"	"	"		0.100	ND	ug/l	
ylenes (total) (ppmv)	"	"	"		0.0230	**0.0413**	ppmv	
urrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*97.7*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*94.7*	"	

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

elta Environmental Consultants	Project:	Exxon	Sampled: 5/26/99
3164 Gold Camp Dr., Suite 200	Project Number:	7-0104/D094-832	Received: 5/27/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 7/7/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
atch: 9050856	**Date Prepared: 5/28/99**					**Extraction Method: EPA 5030 waters**				
lank	**9050856-BLK1**									
Gasoline	5/28/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
oluene	"			**ND**	"	**0.500**				
thylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
urrogate: a,a,a-Trifluorotoluene	"	*300*		*234*	"	*65.0-135*	*78.0*			
urrogate: 4-Bromofluorobenzene	"	*300*		*270*	"	*65.0-135*	*90.0*			
LCS	**9050856-BS1**									
asoline	5/28/99	1000		1030	ug/l	65.0-135	103			
urrogate: 4-Bromofluorobenzene	"	*300*		*298*	"	*65.0-135*	*99.3*			
Matrix Spike	**9050856-MS1**		**P905613-01**							
asoline	5/28/99	1000	ND	1020	ug/l	65.0-135	**102**			
Surrogate: 4-Bromofluorobenzene	"	*300*		*294*	"	*65.0-135*	*98.0*			
Matrix Spike Dup	**9050856-MSD1**		**P905613-01**							
asoline	5/28/99	1000	ND	1020	ug/l	65.0-135	**102**	20.0	**0**	
Surrogate: 4-Bromofluorobenzene	"	*300*		*297*	"	*65.0-135*	*99.0*			

Sequoia Analytical

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

Delta Environmental Consultants	Project: Exxon	Sampled: 5/26/99
1164 Gold Camp Dr., Suite 200	Project Number: 7-0104/D094-832	Received: 5/27/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 7/7/99

Notes and Definitions

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

P9057666

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Page 1 of 1

Consultant's Name: Delta Environmental Consultants, Inc.		
Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670		**Site Location:** Alameda
Project #: 7-0104	**Consultant Project #:** D094-832	**Consultant Work Release #:** 19432522
Project Contact: Jim Brownell	**Phone #:** 916 638 2085	**Laboratory Work Release #:**
EXXON Contact: Marla Guenster	**Phone #:**	**EXXON RAS #:** 7-0104
Sampled by (print): Martha Morgan	**Sampler's Signature:**	
Shipment Method: Delta	**Air Bill #:**	

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	ANALYSIS REQUIRED: TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: Ambient; Inbound Seal: Yes No; Outbound Seal: Yes No
effluent Air	5/26/99	0922	Air	—	1		X					
Mid Air	5/26/99	0924	Air	—	1		X					

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐ N/A

COOLER TEMPERATURE _____ °C

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Delta	5-26-99	1330	Delta	5-26-99	1330	
Delta	5-26-99	1354		5/26/99	1354	
	5-27			5-27	1102	

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia
Analytical

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

August 16, 1999

Jim Brownell
Delta Environmental Consultants
3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670

RE: Exxon/P908286

Dear Jim Brownell:

Enclosed are the results of analyses for sample(s) received by the laboratory on August 11, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number I-2374

Sequoia Analytical

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

elta Environmental Consultants	Project: Exxon	Sampled: 8/9/99
164 Gold Camp Dr., Suite 200	Project Number: D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/16/99

ANALYTICAL REPORT FOR P908286

ample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Effluent Air/7-0104	P908286-01	Air	8/9/99
lid Air/7-0104	P908286-02	Air	8/9/99
Influent Air/7-0104	P908286-03	Air	8/9/99

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
1164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/16/99

Sample Description: **Influent Air/7-0104**
Laboratory Sample Number: **P908286-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9080263	8/11/99	8/11/99		50.0	**845**	ug/l	
Gasoline (ppmv, MW 86.2)	"	"	"		14.2	**240**	ppmv	
Benzene	"	"	"		0.500	**5.11**	ug/l	
Benzene (ppmv)	"	"	"		0.157	**1.60**	ppmv	
Toluene	"	"	"		0.500	**19.0**	ug/l	
Toluene (ppmv)	"	"	"		0.133	**5.05**	ppmv	
Ethylbenzene	"	"	"		0.500	**2.78**	ug/l	
Ethylbenzene (ppmv)	"	"	"		0.115	**0.643**	ppmv	
Xylenes (total)	"	"	"		0.500	**7.70**	ug/l	
Xylenes (total) (ppmv)	"	"	"		0.115	**1.78**	ppmv	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*103*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*89.3*	"	

Sequoia Analytical

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(707) 792-1865
FAX (707) 792-0342

elta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
164 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/16/99

ample Description: Mid Air/7-0104
Laboratory Sample Number: P908286-02

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - Petaluma								
otal Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
Gasoline	9080263	8/11/99	8/11/99		10.0	ND	ug/l	
Gasoline (ppmv, MW 86.2)	"	"	"		2.84	ND	ppmv	
enzene	"	"	"		0.100	ND	ug/l	
enzene (ppmv)	"	"	"		0.0314	ND	ppmv	
Toluene	"	"	"		0.100	ND	ug/l	
oluene (ppmv)	"	"	"		0.0266	ND	ppmv	
thylbenzene	"	"	"		0.100	ND	ug/l	
Ethylbenzene (ppmv)	"	"	"		0.0230	ND	ppmv	
Xylenes (total)	"	"	"		0.100	ND	ug/l	
ylenes (total) (ppmv)	"	"	"		0.0230	ND	ppmv	
urrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*99.0*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*88.3*	"	

Sequoia Analytical

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

elta Environmental Consultants	Project:	Exxon	Sampled: 8/9/99
64 Gold Camp Dr., Suite 200	Project Number:	D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager:	Jim Brownell	Reported: 8/16/99

ample Description: **Effluent Air/7-0104**
aboratory Sample Number: **P908286-01**

nalyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
				Sequoia Analytical - Petaluma				
otal Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M								
asoline	9080263	8/11/99	8/11/99		10.0	ND	ug/l	
Gasoline (ppmv, MW 86.2)	"	"	"		2.84	ND	ppmv	
enzene	"	"	"		0.100	ND	ug/l	
enzene (ppmv)	"	"	"		0.0314	ND	ppmv	
Toluene	"	"	"		0.100	ND	ug/l	
oluene (ppmv)	"	"	"		0.0266	ND	ppmv	
thylbenzene	"	"	"		0.100	ND	ug/l	
Ethylbenzene (ppmv)	"	"	"		0.0230	ND	ppmv	
Xylenes (total)	"	"	"		0.100	ND	ug/l	
ylenes (total) (ppmv)	"	"	"		0.0230	ND	ppmv	
urrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*106*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*116*	"	

Sequoia Analytical

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Petaluma, CA 94954
(707) 792-1865
FAX (707) 792-0342

Delta Environmental Consultants	Project: Exxon	Sampled: 8/9/99
3164 Gold Camp Dr., Suite 200	Project Number: D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/16/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9080263	**Date Prepared: 8/11/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9080263-BLK1**									
Gasoline	8/11/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*299*	"	*65.0-135*	*99.7*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*264*	"	*65.0-135*	*88.0*			
LCS	**9080263-BS1**									
Benzene	8/11/99	100		96.0	ug/l	65.0-135	96.0			
Toluene	"	100		97.6	"	65.0-135	97.6			
Ethylbenzene	"	100		93.6	"	65.0-135	93.6			
Xylenes (total)	"	300		298	"	65.0-135	99.3			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*282*	"	*65.0-135*	*94.0*			
Matrix Spike	**9080263-MS1**		**P908183-01**							
Benzene	8/11/99	100	ND	96.8	ug/l	65.0-135	**96.8**			
Toluene	"	100	ND	98.7	"	65.0-135	**98.7**			
Ethylbenzene	"	100	ND	94.7	"	65.0-135	**94.7**			
Xylenes (total)	"	300	ND	298	"	65.0-135	**99.3**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*296*	"	*65.0-135*	*98.7*			
Matrix Spike Dup	**9080263-MSD1**		**P908183-01**							
Benzene	8/11/99	100	ND	96.2	ug/l	65.0-135	**96.2**	20.0	**0.622**	
Toluene	"	100	ND	97.7	"	65.0-135	**97.7**	20.0	**1.02**	
Ethylbenzene	"	100	ND	94.0	"	65.0-135	**94.0**	20.0	**0.742**	
Xylenes (total)	"	300	ND	296	"	65.0-135	**98.7**	20.0	**0.606**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*298*	"	*65.0-135*	*99.3*			

Sequoia Analytical

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

elta Environmental Consultants	Project: Exxon	Sampled: 8/9/99
164 Gold Camp Dr., Suite 200	Project Number: D094-832/7-0104	Received: 8/11/99
Rancho Cordova, CA 95670	Project Manager: Jim Brownell	Reported: 8/16/99

Notes and Definitions

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

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

EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Page 1 of 1

Consultant's Name: Delta Environmental Consultants, Inc.			
Address: 3164 Gold Camp Dr. #200 Rancho Cordova, CA 95670		**Site Location:** Alameda, CA	
Project #: 7-0104	**Consultant Project #:** D094-832	**Consultant Work Release #:** 19432522	
Project Contact: Jim Brownell	**Phone #:** 916 638 2085	**Laboratory Work Release #:**	
EXXON Contact: Marla Gruenler	**Phone #:**	**EXXON RAS #:** 7-0104	
Sampled by (print): Martin Morgan	**Sampler's Signature:**		
Shipment Method:	**Air Bill #:**		

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☐ 96 hr ☒ Standard (10 day)

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520			Temperature: Ambient Inbound Seal: Yes No Outbound Seal: Yes No
Effluent Air	8/9/99	0825	Air	—	1	P9082861	X					
Mid Air	8/9/99	0827	Air	—	1	-2	X					
Influent Air	8/9/99	0829	Air	—	1	-3	X					

COOLER CUSTODY SEALS INTACT: YES
COOLER TEMPERATURE 22

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Martin Morgan / Delta	8-10-99	1545	John Mast / SEQUOIA	8-10-99	1545	

Pink - Client
Yellow - Sequoia
White - Sequoia