EXXON COMPANY, U.S.A.

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

DARIN L. ROUSE
SENIOR ENGINEER

(925) 246-8768
(925) 246-8798 FAX

March 16, 2000

Mr. Scott Seery
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, CA 94501-6577

RE: EXXON RAS #7-3399/2991 Hopyard Road, Pleasanton, California

Dear Mr. Seery:

Attached for your review and comment is a report entitled *Quarterly Ground Water Monitoring and Remediation System Status Report, Fourth Quarter 1999* for the above referenced site. This report was prepared by Delta Environmental Consultants, Inc. of Rancho Cordova, California and summarizes sampling activities conducted on December 22, 1999 and supplemental sampling on January 21, 2000.

If you have any questions or comments, please contact me at (925) 246-8768.

Sincerely,

Darin L. Rouse
Senior Engineer

DR/tjm

attachment: Delta's *Quarterly Ground Water Monitoring and Remediation System Status Report, Fourth Quarter 1999,* dated March 13, 2000.

cc: w/attachment
Mr. Chuck Headlee - California Regional Water Quality Control Board, San Francisco Bay Region
Mr. Matthew Katen - Alameda County Flood Control (Zone-7)
Mr. Stephen Cusenza - City of Pleasanton Public Works Department

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

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

EXXON SERVICE STATION No. 7-3399
2991 HOPYARD ROAD
PLEASANTON, CALIFORNIA
DELTA PROJECT NO. D094-836

March 13, 2000

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

March 13, 2000

Mr. Darin L. Rouse
ExxonMobil Corporation
2300 Clayton Road, Suite 1250
Concord, CA 94520

Subject: *Quarterly Ground Water Monitoring and Remediation System Status Report, Fourth Quarter 1999*
Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California
Delta Project No. D094-836

Dear Mr.Rouse:

Delta Environmental Consultants, Inc. (Delta) has been authorized by ExxonMobil Corporation (Exxon) to prepare a report summarizing quarterly ground water monitoring and sampling at Exxon Service Station No. 7-3399 which is currently an active facility. This report presents the results of quarterly ground water monitoring and sampling conducted by Blaine Tech Services on December 22, 1999 and supplemental sampling conducted on January 21, 2000. Work conducted at the site by Blaine Tech Services was performed in accordance with the field methods and procedures described in Enclosure A.

Work Performed

On December 22 1999 ground water elevations were measured in on-site monitoring wells MW-1, MW-7 through MW-10, perched zone monitoring wells PMW-1 through PMW-6, vapor recovery wells VR-1 and VR-2, tank pit observation wells OW-1 and OW-2, and off-site monitoring wells MW-5D, MW-5S, and MW-11. Cumulative ground water elevation measurements are presented in Table 1. Field sampling data sheets prepared by Blaine Tech Services for the sampling event are included in Enclosure B. A ground water elevation contour map constructed from the ground water elevations recorded in MW-5S, MW-7, and MW-9 through MW-11 on December 22, 1999 is included as Figure 1. The ground water elevation contours suggest that ground water at the water table was flowing to the northwest with an average hydraulic gradient of approximately 0.009.

On December 22, 1999, ground water samples were collected from water table monitoring wells MW-1, MW-5S, MW-7, and MW-9 through MW-11. Also, ground water samples were collected from confined zone monitoring wells MW-5D and MW-8, both screened in units beneath the water table. Finally ground water samples were collected from the following wells screened in perched water located approximately 10 feet beneath the surface: monitoring well PMW-5, vapor recovery wells VR-1 and VR-2, and two observation wells (OW-1 and OW-2) located within the UST basin. All ground water samples were submitted to Southern Petroleum Laboratory (a California-certified laboratory) located in Houston, Texas. Samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using EPA Method 8021B, methyl tertiary butyl ether (MTBE) using EPA

Method 8260B, and total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA Method 8015 Modified. Dissolved concentrations of benzene, TPPH as gasoline and MTBE are illustrated in Figure 2 for the December 22, 1999 sampling date.

In addition, on December 22, 1999, duplicate samples were collected from monitoring wells MW-5D and MW-8. The duplicate samples from MW-5D and MW-8 on the chain of custody are identified on the field data sheets presented in Enclosure B as Dup-1 and Dup-2, respectively. A dedicated submersible pump is used each quarter for sampling monitoring wells MW-5D and MW-8. An equipment blank water sample was collected from rinse water poured over the pump after MW-5D was sampled and the pump was decontaminated, but before MW-8 was sampled. The sample is identified as "Rinsate" on the chain of custody. An atmospheric blank water sample was prepared at the site. This sample was a laboratory prepared VOA vial containing water sample that was opened at the site during ground water sampling of MW-8 and is identified as "Atmos" on the chain of custody. These samples were analyzed for BTEX, MTBE and TPPH as gasoline using the previously mentioned EPA Methods. Cumulative ground water analytical results are summarized in Table 1. A copy of the laboratory analytical report for the December 22, 1999, sampling event is included in Enclosure C.

Further analyses were performed on the water samples collected from VR-1, MW-9, and PMW-5. Water samples from VR-1, PMW-5, and MW-9 were analyzed for elthylene glycol by NIOSH 5500 Modified and semi-volatile fuel identification by DHS LUFT method. Water samples from VR-1 and MW-9 were additionally analyzed for volatile organic compounds (VOC's) by EPA Method 8260B, semi-VOC's by EPA Method 8270B and dissolved metal by various EPA Methods. Analytical results are summarized in Table 2 and dissolved metals are summarized in Table 3.

* Monitoring well MW-1 and vapor recovery well VR-2 were re-sampled on January 21, 2000. These wells were re-sampled due to anomalous depth to water measurements and total depth measurements collected on December 22, 1999. On December 22, 1999, Blaine Tech Services recorded depth to water in MW-1 at 9.93 feet below top of casing and total well depth at 35.00 feet. However, this well is 57 feet deep and depth to water has historically ranged from 28.10 to 59.80 feet since its installation in April 1988. On January 11, 2000, a Delta employee visited the site to inspect MW-1 for damage, and measure its total depth. MW-1 was measured at 55.10 feet below top of casing and no damage was apparent. **Delta believes that the ground water samples from MW-1 and VR-2 may have been switched.** The laboratory analytical results for the ground water sample collected from MW-1 on December 22, 1999, is considered anomalous. Analytical results for the January 22, 2000 sampling event are included in Table 1 and a copy of the laboratory analytical report is included in Enclosure C.

Remediation System Status

A soil vapor extraction (SVE), air sparging and bio-venting system has been installed to remediate petroleum hydrocarbon constituents in soil and ground water underlying the site. **Only the sparging system is currently online.** The air sparging system consists of an oilless air compressor and pressure regulator that injects air into the ground water in monitoring well MW-9. The locations of the wells and equipment compound are illustrated in Figure 1 and a process flow diagram is included as Figure 3.

Discussion

During the December 22, 1999, sampling event laboratory analyses did not detect concentrations of analytes in samples collected from monitoring wells MW-5D, MW-8 and their respective duplicates. Analyses on the equipment blank sample collected following decontamination of field equipment used for purging these wells did not detect analytes. Also, analysis of the atmospheric blank water sample exposed to the air during sampling of MW-8 did not detect analytes.

The results of laboratory analyses for the resampling of MW-1 and VR-2 on January 21, 2000, is typical of historical results from those wells. Laboratory analyses did not detect analytes in MW-1, and only detected MTBE at 17 µg/L in VR-2.

Future Work

The next quarterly monitoring event for this site is scheduled for March 2000.

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.

Delta recommends that copies of this report be forwarded to:

Mr. Scott Seery
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-5577

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

Mr. Stephen Cusenza
City of Pleasanton Public Works Dept.
Post Office Box 520
Pleasanton, CA 94566

Mr. Matthew Katen
Alameda County Flood Control and
Water Conservation District (Zone 7)
5997 Parkside Drive
Pleasanton, CA 94566

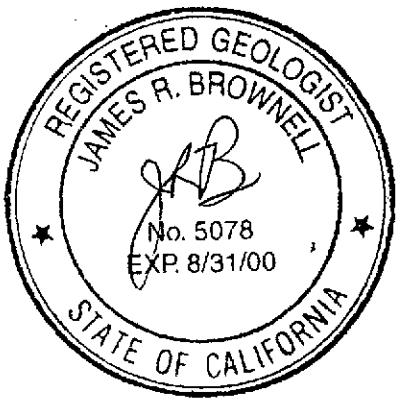
If you have any questions or comments, please contact Jim Brownell at (916) 638-2765.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

J. William Speth
Staff Geologist

James R. Brownell, R.G.
Project Manager
California Registered Geologist No. 5078



JWS (Lrp031.836)
Enclosures

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-1	04/02/88	321.44	NM	NC	<0.5	1.7	<0.5	<0.5	<20	NA	Not measured
	04/06/88		36.34	285.10	NS	NS	NS	NS	NS	NS	
	04/08/88		36.29	285.15	NS	NS	NS	NS	NS	NS	
	04/19/88		36.36	285.08	NS	NS	NS	NS	NS	NS	
	06/06/88		38.16	283.28	NS	NS	NS	NS	NS	NS	
	06/23/88		38.71	282.73	NS	NS	NS	NS	NS	NS	
	06/28/88		39.16	282.28	NS	NS	NS	NS	NS	NS	
	07/06/88		39.73	281.71	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		40.22	281.22	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		41.90	279.54	NS	NS	NS	NS	NS	NS	
	09/07/88		42.27	279.17	<0.5	<0.5	<0.5	<0.5	<20	NA	
	12/07/88		43.94	277.50	NS	NS	NS	NS	NS	NS	
	12/19/88		43.70	277.74	NS	NS	NS	NS	NS	NS	
	02/09/89		42.53	278.91	NS	NS	NS	NS	NS	NS	
	03/03/89		NM	NC	1.6	<0.5	<0.5	<0.5	<20	NA	Not measured
	03/08/89		41.96	279.48	NS	NS	NS	NS	NS	NS	
	04/03/89		41.59	279.85	NS	NS	NS	NS	NS	NS	
	04/26/89		41.67	279.77	NS	NS	NS	NS	NS	NS	
	06/30/89		43.79	277.65	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/17/89		44.74	276.70	<0.5	<0.5	<0.5	<0.5	23	NA	
	07/18/89		44.76	276.68	NS	NS	NS	NS	NS	NS	
	07/19/89		44.82	276.62	NS	NS	NS	NS	NS	NS	
	07/20/89		44.85	276.59	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/21/89		44.95	276.49	NS	NS	NS	NS	NS	NS	
	07/26/89		45.42	276.02	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/03/89		46.18	275.26	NS	NS	NS	NS	NS	NS	
	08/17/89		47.12	274.32	NS	NS	NS	NS	NS	NS	
	09/13/89		49.08	272.36	39	0.6	<0.5	5.1	220	NA	
	11/28/89		50.21	271.23	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	56	0.72	<0.5	0.71	220	NA	Not measured

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Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-1	01/09/90	321.44	49.31	272.13	NS	NS	NS	NS	NS	NS	
(Cont.)	01/25/90		NM	NC	18	1.6	<0.5	1.8	57	NA	Not measured
	01/26/90		49.29	272.15	NS	NS	NS	NS	NS	NS	
	02/23/90		49.02[a]	272.42	NS	NS	NS	NS	NS	NS	
	02/23/90		49.02	272.42	NS	NS	NS	NS	NS	NS	
	02/27/90		NM	NC	3.2	2.3	<0.5	3.2	55	NA	Not measured
	03/26/90		48.71[a]	272.73	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/26/90		48.70	272.74	NS	NS	NS	NS	NS	NS	
	04/18/90		48.79	272.65	1.1	1.6	<0.5	3.1	25	NA	
	05/17/90		49.40	272.04	<0.5	<0.5	<0.5	<0.5	<20	NA	
	06/11/90		50.83	270.61	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/30/90		52.17	269.27	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/27/90		53.44	268.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/28/90		53.40	268.04	<0.5	<0.5	<0.5	<0.5	<50	NA	
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		53.35	268.09	NS	NS	NS	NS	NS	NS	
	06/20/91		53.55	267.89	NS	NS	NS	NS	NS	NS	
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	05/21/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry

TABLE 1

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Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-1	12/10/92	321.44	NM	NC	NS	NS	NS	NS	NS	NS	Not measured
(Cont.)	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/11/93		53.09	268.35	NS	NS	NS	NS	NS	NS	
	04/12/93		53.32	268.12	NS	NS	NS	NS	NS	NS	
	06/01/93		53.40	268.04	NS	NS	NS	NS	NS	NS	
	07/15/93		59.80	261.64	NS	NS	NS	NS	NS	NS	
	08/15/93		53.45	267.99	NS	NS	NS	NS	NS	NS	
	09/29/93		53.43	268.01	NS	NS	NS	NS	NS	NS	
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	10/28/93		53.38	268.06	NS	NS	NS	NS	NS	NS	
	11/23/93		53.46	267.98	NS	NS	NS	NS	NS	NS	
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/10-11/94		53.46	267.98	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		53.34	268.10	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		52.09	269.35	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		49.41	272.03	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		39.97	281.47	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		40.68	280.76	<0.5	0.83	<0.5	<0.5	<50	<2.5	
	11/30/95		38.99	282.45	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96		35.70	285.74	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		34.17	287.27	<0.5	<0.5	<0.5	<0.5	52	<5.0	
	08/28/96		38.37	283.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	11/18/96		38.40	283.04	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	02/28/97		33.29	288.15	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	05/23/97		33.63	287.91	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	09/23/97		38.05	283.39	<0.5	<0.5	<0.5	<0.5	<50	29	
	12/30/97		36.74	284.70	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/24/98		31.65	289.79	1.4	2.5	<0.5	1.4	<50	16	
	06/15/98		29.28	292.16	<0.5	<0.5	<0.5	<0.5	<50	22	
	09/11/98		34.94	286.50	<0.5	<0.5	<0.5	<0.5	<50	<2.5	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

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2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-1	12/09/98	321.44	31.14	290.30	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	
(Cont.)	03/31/99		28.10	293.34	<0.5	<0.5	<0.5	<0.5	<50	124/131[f]	
	06/30/99	320.52	33.94	287.50	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99		37.94	283.50	NS	NS	NS	NS	NS	NS	
	09/24/99		44.92	275.60	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
	01/21/00		39.35	281.17	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	

TABLE 1

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2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-2	04/02/88	NM	NM	NC	NS	NS	NS	NS	NS	NS	0.25
	04/04/88		NM	NC	NS	NS	NS	NS	NS	NS	1.5
	04/05/88		NM	NC	NS	NS	NS	NS	NS	NS	1.5
	04/06/88		39.31	NC	NS	NS	NS	NS	NS	NS	3.2
	04/08/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	04/19/88		38.90	NC	NS	NS	NS	NS	NS	NS	2.48
	06/06/88		38.78	NC	NS	NS	NS	NS	NS	NS	0.26
	06/23/88		39.23	NC	NS	NS	NS	NS	NS	NS	0.13
	06/28/88		39.72	NC	NS	NS	NS	NS	NS	NS	Not measured
	07/06/88		40.31	NC	25,700	18,500	2,900	21,400	62,000	NA	Slight sheen
	07/12/88		Well destroyed								
MW-3	04/06/88	NM	37.19	NC	<0.5	<0.5	<0.5	<0.5	20	NA	
	04/08/88		37.14	NC	NS	NS	NS	NS	NS	NS	
	04/19/88		37.22	NC	NS	NS	NS	NS	NS	NS	
	06/06/88		39.02	NC	NS	NS	NS	NS	NS	NS	
	06/23/88		39.58	NC	NS	NS	NS	NS	NS	NS	
	06/28/88		40.04	NC	NS	NS	NS	NS	NS	NS	
	07/06/88		40.60	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		41.09	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	
	08/26/88		42.77	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/29/88		Well destroyed								

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-4	04/08/88	321.56	36.41	285.15	NS	NS	NS	NS	NS	NS	
	04/11/88		NM	NC	1.8	16.3	0.6	7.1	80	NA	Not measured
	04/19/88		36.51	285.05	NS	NS	NS	NS	NS	NS	
	06/06/88		38.26	283.30	NS	NS	NS	NS	NS	NS	
	06/23/88		38.83	282.73	NS	NS	NS	NS	NS	NS	
	06/28/88		39.28	282.28	NS	NS	NS	NS	NS	NS	
	07/06/88		39.85	281.71	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		40.31	281.25	<0.5	0.9	<0.5	<0.5	<20	NA	
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		42.01	279.55	NS	NS	NS	NS	NS	NS	
	09/07/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/07/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/19/88		43.83	277.73	NS	NS	NS	NS	NS	NS	
	02/09/89		42.67	278.89	NS	NS	NS	NS	NS	NS	
	03/08/89		42.11	279.45	3.8	1.0	<0.5	<0.5	440	NA	
	04/03/89		41.73	279.83	NS	NS	NS	NS	NS	NS	
	04/26/89		41.79	279.77	NS	NS	NS	NS	NS	NS	
	06/30/89		43.88	277.68	<0.5	<0.5	<0.5	<0.5	100	NA	
	07/17/89		44.85	276.71	<0.5	<0.5	<0.5	<0.5	390	NA	
	07/18/89		44.88	276.68	NS	NS	NS	NS	NS	NS	
	07/19/89		44.92	276.64	NS	NS	NS	NS	NS	NS	
	07/20/89		44.98	276.58	<0.5	<0.5	<0.5	<0.5	200	NA	
	07/21/89		45.04	276.52	NS	NS	NS	NS	NS	NS	
	07/26/89		45.50	276.06	<0.5	<0.5	<0.5	<0.5	66	NA	
	08/02/89		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/03/89		46.28	275.28	NS	NS	NS	NS	NS	NS	
	08/17/89		47.22	274.34	NS	NS	NS	NS	NS	NS	
	09/13/89		49.19	272.37	<0.5	<0.5	<0.5	<0.5	<20	NA	
	11/28/89		50.34	271.22	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	01/09/90		49.47	272.09	NS	NS	NS	NS	NS	NS	
	01/26/90		49.36	272.20	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-4	02/23/90	321.56	49.18[a]	272.38	NS	NS	NS	NS	NS	NS	
(Cont.)	02/23/90		49.15	272.41	NS	NS	NS	NS	NS	NS	
	03/26/90		48.84[a]	272.72	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/26/90		48.83	272.73	NS	NS	NS	NS	NS	NS	
	04/18/90		48.90	272.66	NS	NS	NS	NS	NS	NS	
	05/17/90		50.03	271.53	NS	NS	NS	NS	NS	NS	
	06/11/90		50.98	270.58	NS	NS	NS	NS	NS	NS	
	07/30/90		53.57	267.99	NS	NS	NS	NS	NS	NS	
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/27/90		53.61	267.95	NS	NS	NS	NS	NS	NS	
	09/28/90		53.57	267.99	NS	NS	NS	NS	NS	NS	
	12/27/90		53.68	267.88	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/20/91		53.56	268.00	<0.5	<0.5	<0.5	<0.5	<50	NA	
	06/20/91		53.75	267.81	NS	NS	NS	NS	NS	NS	
	09/12/91		53.70	267.86	NS	NS	NS	NS	NS	NS	
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/02/92		53.83	267.73	NS	NS	NS	NS	NS	NS	
	03/24/92		53.73	267.83	<0.5	<0.5	<0.5	<0.5	<50	NA	
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		53.76	267.80	NS	NS	NS	NS	NS	NS	
	05/21/92		54.73	266.83	NS	NS	NS	NS	NS	NS	
	06/08/92		53.80	267.76	NS	NS	NS	NS	NS	NS	
	07/14/92		53.60	267.96	NS	NS	NS	NS	NS	NS	
	08/10/92		53.71	267.85	NS	NS	NS	NS	NS	NS	
	09/16/92		53.89	267.67	NS	NS	NS	NS	NS	NS	
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		53.83	267.73	57	34	11	200	600	NA	
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		53.64	267.92	NS	NS	NS	NS	NS	NS	
	03/11/93		53.54	268.02	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-4	04/12/93	321.56	53.62	267.94	20	10	22	80	360	NA	
(Cont.)	06/01/93		53.52	268.04	NS	NS	NS	NS	NS	NS	
	07/15/93		53.80	267.76	NS	NS	NS	NS	NS	NS	
	08/15/93		53.65	267.91	NS	NS	NS	NS	NS	NS	
	09/29/93		54.23	267.33	NS	NS	NS	NS	NS	NS	
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	10/28/93		53.54	268.25	NS	NS	NS	NS	NS	NS	
	11/23/93		53.57	267.99	NS	NS	NS	NS	NS	NS	
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/10-11/94		53.64	267.92	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		53.54	268.02	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NM	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		52.96	268.60	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		50.37	271.19	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		44.86	276.70	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		41.71	279.85	<0.5	<0.5	<0.5	<0.5	<50	2.6	
	11/30/95		39.95	281.61	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96		36.76	284.80	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		35.19	286.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		39.39	282.17	NS	NS	NS	NS	NS	NS	
	11/18/96		39.42	282.14	NS	NS	NS	NS	NS	NS	
	02/28/97		34.38	287.18	NS	NS	NS	NS	NS	NS	
	05/23/97		34.66	286.90	NS	NS	NS	NS	NS	NS	
	09/23/97		39.05	282.51	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/30/97		37.78	283.78	NS	NS	NS	NS	NS	NS	
	03/24/98		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.32	291.24	NS	NS	NS	NS	NS	NS	
	09/11/98		35.97	285.59	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/09/98		32.93	288.63	NS	NS	NS	NS	NS	NS	
	03/31/99		29.71	291.85	<0.5	<0.5	<0.5	<0.5	<50	<2.0	

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CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-4	06/30/99	321.56	34.99	286.57	<0.5	<0.5	<0.5	<0.5	<50	2.65/3.12[f,h]	
(Cont.)	08/03/99		38.52	283.04	NS	NS	NS	NS	NS	NS	
	09/24/99		42.93	278.63	<0.5	<0.5	<0.5	<0.5	<50	1.12[f]	
	12/22/99		NM	NC	NS	NS	NS	NS	NS	NS	Inaccessible

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CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5S	05/25/88	321.64	38.46	283.18	<0.5	0.9	<0.5	<0.5	<20	NA	
	06/06/88		38.86	282.78	NS	NS	NS	NS	NS	NS	
	06/23/88		39.52	282.12	NS	NS	NS	NS	NS	NS	
	06/28/88		39.84	281.80	NS	NS	NS	NS	NS	NS	
	07/06/88		40.45	281.19	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		40.90	280.74	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/22/88		41.30	280.34	0.9	4.1	1.3	8.7	50	NA	
	08/05/88		23.84[b]	297.80	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/12/88		42.21	279.43	NS	NS	NS	NS	NS	NS	
	08/26/88		42.55	279.09	NS	NS	NS	NS	NS	NS	
	09/07/88		42.94	278.70	<0.5	<0.5	<0.5	<0.5	<20	NA	
	12/07/88		44.67	276.97	NS	NS	NS	NS	NS	NS	
	02/09/89		43.19	278.45	NS	NS	NS	NS	NS	NS	
	03/08/89		42.11	279.53	<0.5	<0.5	<0.5	<1.0	<20	NA	
	04/26/89		41.84	279.80	NS	NS	NS	NS	NS	NS	
	06/30/89		43.95	277.69	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/17/89		44.91	276.73	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/18/89		44.93	276.71	NS	NS	NS	NS	NS	NS	
	07/19/89		44.98	276.66	NS	NS	NS	NS	NS	NS	
	07/20/89		45.02	276.62	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/21/89		45.10	276.54	NS	NS	NS	NS	NS	NS	
	07/26/89		45.57	276.07	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/03/89		46.31	275.33	NS	NS	NS	NS	NS	NS	
	08/17/89		47.25	274.39	NS	NS	NS	NS	NS	NS	
	09/13/89		49.22	272.42	<0.5	<0.5	<0.5	<0.5	<20	NA	
	11/28/89		50.39	271.25	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	01/09/90		49.51	272.13	NS	NS	NS	NS	NS	NS	
	01/26/90		49.40	272.24	NS	NS	NS	NS	NS	NS	
	02/23/90		49.20[a]	272.44	NS	NS	NS	NS	NS	NS	
	02/23/90		49.20	272.44	NS	NS	NS	NS	NS	NS	

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CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5S	03/26/90	321.64	48.89[a]	272.75	<0.5	<0.5	<0.5	<0.5	<20	NA	
(Cont.)	03/26/90		48.88	272.76	NS	NS	NS	NS	NS	NS	
	04/18/90		48.95	272.69	NS	NS	NS	NS	NS	NS	
	05/17/90		50.06	271.58	NS	NS	NS	NS	NS	NS	
	06/11/90		50.98	270.66	NS	NS	NS	NS	NS	NS	
	07/30/90		53.40	268.24	NS	NS	NS	NS	NS	NS	
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	08/27/90		53.60	268.04	NS	NS	NS	NS	NS	NS	
	09/28/90		53.55	268.09	NS	NS	NS	NS	NS	NS	
	12/27/90		53.61	268.03	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/20/91		53.56	268.08	NS	NS	NS	NS	NS	NS	
	06/20/91		53.73	267.91	NS	NS	NS	NS	NS	NS	
	09/12/91		53.78	267.86	NS	NS	NS	NS	NS	NS	
	12/30/91		53.80	267.84	NS	NS	NS	NS	NS	NS	
	01/30/92		53.82	267.82	NS	NS	NS	NS	NS	NS	
	03/02/92		53.82	267.82	NS	NS	NS	NS	NS	NS	
	04/14/92		53.74	267.90	NS	NS	NS	NS	NS	NS	
	05/21/92		53.77	267.87	NS	NS	NS	NS	NS	NS	
	06/08/92		53.81	267.83	NS	NS	NS	NS	NS	NS	
	07/14/92		53.74	267.90	NS	NS	NS	NS	NS	NS	
	08/10/92		53.78	267.86	NS	NS	NS	NS	NS	NS	
	09/16/92		53.90	267.74	NS	NS	NS	NS	NS	NS	
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		53.87	267.77	NS	NS	NS	NS	NS	NS	
	12/10/92		53.78	267.86	NS	NS	NS	NS	NS	NS	
	01/26/93		53.38	268.26	NS	NS	NS	NS	NS	NS	
	02/16/93		53.44	268.20	NS	NS	NS	NS	NS	NS	
	03/11/93		53.28	268.36	NS	NS	NS	NS	NS	NS	
	04/12/93		53.42	268.22	11	5.9	13	48	220	NA	
	06/01/93		53.56	268.08	NS	NS	NS	NS	NS	NS	
	07/15/93		53.00	268.64	NS	NS	NS	NS	NS	NS	
	08/15/93		53.60	268.04	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5S	09/29/93	321.64	53.62	268.02	NS	NS	NS	NS	NS	NS	
(Cont.)	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	10/28/93		54.62	267.02	NS	NS	NS	NS	NS	NS	
	11/23/93		53.62	268.02	NS	NS	NS	NS	NS	NS	
	03/10-11/94		53.61	268.03	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		53.52	268.12	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		53.05	268.59	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	11/16/94		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	02/15/95		50.55	271.09	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		44.96	276.68	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		41.77	279.87	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	11/30/95		39.95	281.69	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96		36.80	284.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		35.28	286.36	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		39.46	282.18	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	11/18/96		39.47	282.17	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	02/28/97		34.44	287.20	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	05/23/97		34.72	286.92	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	09/23/97		39.09	282.55	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/30/97		37.83	283.81	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/24/98		32.76	288.88	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	06/15/98		30.46	291.18	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	09/11/98		36.04	285.60	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/09/98		33.00	288.64	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	
	03/31/99		29.20	292.44	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	06/30/99		35.08	286.56	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99		38.62	283.02	NS	NS	NS	NS	NS	NS	
	09/24/99	320.52	42.89	277.63	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
	12/22/99		42.05	278.47	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	

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CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5D	05/25/88	321.79	38.55	283.24	<0.5	3.1	<0.5	<0.5	<20	NA	
	06/06/88		38.90	282.89	NS	NS	NS	NS	NS	NS	
	06/23/88		39.56	282.23	NS	NS	NS	NS	NS	NS	
	06/28/88		40.23	281.56	NS	NS	NS	NS	NS	NS	
	07/06/88		40.69	281.10	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/13/88		41.22	280.57	<0.5	<0.5	<0.5	<0.5	40	NA	
	08/12/88		42.34	279.45	NS	NS	NS	NS	NS	NS	
	08/26/88		42.60	279.19	NS	NS	NS	NS	NS	NS	
	09/07/88		42.99	278.80	NS	NS	NS	NS	NS	NS	
	12/07/88		44.58	277.21	NS	NS	NS	NS	NS	NS	
	02/09/89[c]		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/08/89[d]		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	03/08/89		42.49	279.30	NS	NS	NS	NS	NS	NS	
	04/03/89		42.21	279.58	NS	NS	NS	NS	NS	NS	
	04/26/89		42.36	279.43	NS	NS	NS	NS	NS	NS	
	06/30/89		44.79	277.00	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/17/89		45.73	276.06	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/18/89		45.75	276.04	NS	NS	NS	NS	NS	NS	
	07/19/89		44.89	276.90	NS	NS	NS	NS	NS	NS	
	07/20/89		46.02	275.77	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/21/89		46.18	275.61	NS	NS	NS	NS	NS	NS	
	07/26/89		46.83	274.96	<0.5	<0.5	<0.5	<0.5	<20	NA	
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/03/89		47.67	274.12	NS	NS	NS	NS	NS	NS	
	08/17/89		48.27	273.52	NS	NS	NS	NS	NS	NS	
	09/13/89		50.60	271.19	<0.5	<0.5	<0.5	<0.5	<20	NA	
	11/28/89		51.16	270.63	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	01/09/90		50.42	271.37	NS	NS	NS	NS	NS	NS	
	01/26/90		50.10	271.69	NS	NS	NS	NS	NS	NS	
	02/23/90		50.08	271.71	NS	NS	NS	NS	NS	NS	
	03/26/90		49.80[f]	271.99	NS	NS	NS	NS	NS	NS	

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CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
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Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5D	03/26/90	321.79	49.77	272.02	<0.5	<0.5	<0.5	<0.5	<20	NA	
(Cont.)	04/18/90		49.80	271.99	NS	NS	NS	NS	NS	NS	
	05/17/90		51.32	270.47	NS	NS	NS	NS	NS	NS	
	06/11/90		52.10	269.69	NS	NS	NS	NS	NS	NS	
	07/30/90		53.47	268.32	NS	NS	NS	NS	NS	NS	
	08/01/90		NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/27/90		58.24	263.55	NS	NS	NS	NS	NS	NS	
	09/29/90		60.70	261.09	NS	NS	NS	NS	NS	NS	
	12/27/90		62.52	259.27	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/20/91		59.18	262.61	<0.5	<0.5	<0.5	<0.5	<50	NA	
	06/20/91		65.02	256.77	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/12/91		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	12/30/91		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		74.98	246.81	NS	NS	NS	NS	NS	NS	
	04/14/92		74.42	247.37	NS	NS	NS	NS	NS	NS	
	05/21/92		75.67	246.12	NS	NS	NS	NS	NS	NS	
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		76.47	245.32	NS	NS	NS	NS	NS	NS	
	03/11/93		74.03	247.76	NS	NS	NS	NS	NS	NS	
	04/12/93		70.96	250.83	1.0	1.0	2.5	7.4	<50	NA	
	06/01/93		67.64	254.15	NS	NS	NS	NS	NS	NS	
	07/15/93		54.40	267.39	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/15/93		67.85	253.94	<0.5	<0.5	<0.5	<0.5	<50	NA	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5D	09/29/93	321.79	67.62	254.17	NS	NS	NS	NS	NS	NS	
(Cont.)	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	10/28/93		66.15	255.49	NS	NS	NS	NS	NS	NS	
	11/23/93		64.80	256.84	<0.5	<0.5	<0.5	<0.5	<50	NA	
	03/10-11/94		59.10	262.69	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		55.66	265.13	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		54.36	268.74	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		51.20	270.59	NS	NS	NS	NS	NS	NS	
	05/09/95		45.49	276.30	NS	NS	NS	NS	NS	NS	
	05/12/95		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	08/21/95		42.35	279.44	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	11/30/95		43.60	278.19	5.4	10	1.4	12	77	<5.0	
	03/28/96		37.12	284.67	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		35.67	286.12	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		40.22	281.57	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	11/18/96		39.89	281.90	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	02/28/97		34.75	287.04	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	05/23/97		35.21	286.58	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	09/23/97		39.58	282.21	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	09/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	09/23/97		NM	NC	<0.5	1.5	<0.5	<0.5	<50	3.0	Not measured
	12/30/97		38.30	283.49	<0.5	<0.5	<0.5	<0.5	<50	NA	
Duplicate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
Rinseate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/24/98		32.77	289.02	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	06/15/98		30.69	291.10	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	06/15/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	

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Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-5D	09/11/98	321.79	36.68	285.11	<0.5	<0.5	<0.5	<0.5	<50	33	
Duplicate	09/11/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	35	
	10/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	
	12/09/98		32.70	289.09	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	
Duplicate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	Not measured
Rinseate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	Not measured
	03/31/99		28.91	292.88	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
Duplicate	03/31/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0	Not measured
	06/30/99		35.90	289.89	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	06/30/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	3.3/<0.5[f,h]	Not measured
Rinseate	06/30/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	08/03/99		40.39	281.40	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
Duplicate	08/03/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	Not measured
	09/24/99		44.25	277.54	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
Duplicate	09/24/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	Not measured
Rinseate	09/24/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	Not measured
	12/22/99		38.51	283.28	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	
Duplicate	12/22/99		NM	NC	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	Not measured

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Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-6	05/11/88	NM	37.31	NC	NS	NS	NS	NS	NS	NS	
	05/17/88		NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	06/06/88		38.70	NC	NS	NS	NS	NS	NS	NS	
	06/23/88		39.23	NC	NS	NS	NS	NS	NS	NS	
	06/28/88		39.74	NC	31.8	7.5	5.4	6.7	440	NA	
	07/13/88		40.78	NC	162.3	7.7	22.5	14.1	290	NA	
	08/05/88		41.72	NC	245	5.2	47.1	23.7	1,180	NA	
	08/12/88		42.14	NC	NS	NS	NS	NS	NS	NS	
	08/17/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		42.51	NC	NS	NS	NS	NS	NS	NS	
	09/07/88		42.85	NC	474	16	262	136	2,920	NA	
	10/24/88		Well destroyed								

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-7	07/13/88	321.27	40.50	280.77	860	1,910	710	4,420	16,700	NA	
	07/22/88		41.85[a]	279.42	136	85	5	58	460	NA	
	08/05/88		41.45[a]	279.82	73.3	52.8	2.3	28.1	270	NA	
	08/12/88		42.69	278.58	NS	NS	NS	NS	NS	NS	Not measured
	09/07/88		42.60	278.67	NS	NS	NS	NS	NS	NS	Not measured
	12/07/88		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/17/89		43.20	278.07	NS	NS	NS	NS	NS	NS	Not measured
	02/09/89		NM	NC	600	688	10	448	6,700	NA	Not measured
	06/30/89		NM	NC	180	50	13	40	1,100	NA	Not measured
	08/02/89		NM	NC	1.6	<0.5	<0.5	0.6	31	NA	Not measured
	09/13/89		NM	NC	<0.5	2.6	<0.5	12	87	NA	Not measured
	10/12/89		49.93	271.34	NS	NS	NS	NS	NS	NS	
	11/28/89		57.61[a]	263.66	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	01/09/90		57.57[a]	263.70	NS	NS	NS	NS	NS	NS	
	01/26/90		57.54[a]	263.73	NS	NS	NS	NS	NS	NS	
	01/26/90		49.08	272.19	NS	NS	NS	NS	NS	NS	
	02/23/90		55.26[a]	266.01	NS	NS	NS	NS	NS	NS	
	02/23/90		48.93	272.34	NS	NS	NS	NS	NS	NS	
	03/26/90		57.52[a]	263.75	NS	NS	NS	NS	NS	NS	
	03/26/90		48.60	272.67	NS	NS	NS	NS	NS	NS	
	04/18/90		57.55[a]	263.72	NS	NS	NS	NS	NS	NS	
	05/17/90		57.40[a]	263.87	NS	NS	NS	NS	NS	NS	
	06/11/90		50.68	270.59	NS	NS	NS	NS	NS	NS	
	07/30/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/27/90		53.05	268.22	NS	NS	NS	NS	NS	NS	
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		54.11	267.16	NS	NS	NS	NS	NS	NS	
	06/20/91		55.14	266.13	<0.5	1.8	0.6	4.1	74	NA	
	09/12/91		55.84	265.43	3.5	<0.5	1.7	6.8	<50	NA	
	12/30/91		55.21	266.06	<0.5	<0.5	<0.5	<0.5	<50	NA	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-7	01/30/92	321.27	54.88	266.39	NS	NS	NS	NS	NS	NS	
(Cont.)	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	05/21/92		53.36	267.91	NS	NS	NS	NS	NS	NS	
	06/08/92		54.20	267.07	<0.5	<0.5	<0.5	<0.5	<50	NA	
	07/14/92		53.31	267.96	NS	NS	NS	NS	NS	NS	
	08/10/92		54.01	267.26	NS	NS	NS	NS	NS	NS	
	09/16/92		55.97	265.30	NS	NS	NS	NS	NS	NS	
	10/07/92		56.09	265.18	NS	NS	NS	NS	NS	NS	
	11/09/92		54.16	267.11	NS	NS	NS	NS	NS	NS	
	12/10/92		56.02	265.25	NS	NS	NS	NS	NS	NS	
	01/26/93		56.15	265.12	NS	NS	NS	NS	NS	NS	
	02/16/93		56.23	265.04	28	30	17	200	600	NA	
	03/11/93		55.82	265.45	NS	NS	NS	NS	NS	NS	
	04/12/93		55.45	265.82	NS	NS	NS	NS	NS	NS	
	06/01/93		54.90	266.37	NS	NS	NS	NS	NS	NS	
	07/15/93		54.50	266.77	NS	NS	NS	NS	NS	NS	
	08/15/93		54.25	267.02	NS	NS	NS	NS	NS	NS	
	09/29/93		54.55	266.72	NS	NS	NS	NS	NS	NS	
	09/30/93		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	10/28/93		54.94	266.92	NS	NS	NS	NS	NS	NS	
	11/23/93		54.73	266.54	NS	NS	NS	NS	NS	NS	
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/10-11-94		52.83	268.44	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		52.77	268.50	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		52.74	268.53	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		50.05	271.22	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		44.61	276.66	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		41.40	279.87	<0.5	<0.5	<0.5	<0.5	<50	4.1	
	11/30/95		39.64	281.63	<0.5	<0.5	<0.5	<0.5	<50	<5.0	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-7	03/28/96	321.27	36.42	284.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
(Cont.)	05/31/96		34.87	286.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		39.11	282.16	NS	NS	NS	NS	NS	NS	
	11/18/96		39.10	282.17	NS	NS	NS	NS	NS	NS	
	02/28/97		34.03	287.24	NS	NS	NS	NS	NS	NS	
	05/23/97		34.36	286.91	NS	NS	NS	NS	NS	NS	
	09/23/97		38.66	282.61	<0.5	<0.5	<0.5	<0.5	<50	4.4	
	12/30/97		37.45	283.82	NS	NS	NS	NS	NS	NS	
	03/24/98		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.05	291.22	NS	NS	NS	NS	NS	NS	
	09/11/98		35.63	285.64	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/09/98		21.54	299.73	NS	NS	NS	NS	NS	NS	Not measured
	03/31/99		28.84	292.43	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	06/30/99		34.68	286.59	5.96	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99		38.22	283.05	NS	NS	NS	NS	NS	NS	
	09/24/99		42.59	278.68	<0.5	<0.5	<0.5	<0.5	<50	11.7[f]	
	12/22/99		41.69	279.58	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0[f]	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-8	10/01/89	321.86	53.88	267.98	NS	NS	NS	NS	NS	NS	
	10/03/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	11/28/89		53.74	268.12	NS	NS	NS	NS	NS	NS	
	12/20/89		NM	NC	<0.5	<0.5	<0.5	0.61	<20	NA	Not measured
	01/09/90		57.90	263.96	NS	NS	NS	NS	NS	NS	
	01/26/90		53.57	268.29	NS	NS	NS	NS	NS	NS	
	01/31/90		NM	NC	<0.5	<0.5	<0.5	0.87	<20	NA	Not measured
	02/09/90		NM	NC	<0.5	<0.5	<0.5	1.1	<20	NA	Not measured
	(Blank)		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	02/23/90		52.16	269.70	NS	NS	NS	NS	NS	NS	
	03/26/90		52.80[a]	269.06	<0.5	<0.5	<0.5	<0.5	<20	NA	
	(Blank)		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	04/18/90		51.60	270.26	<0.5	0.58	<0.5	1.1	<20	NA	
	05/17/90		58.21	263.65	<0.5	<0.5	<0.5	<0.5	<20	NA	
	06/11/90		58.65	263.21	<0.5	<0.5	<0.5	<0.5	<20	NA	
	07/30/90		64.33	257.53	NS	NS	NS	NS	NS	NS	
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	Not measured
	08/27/90		70.41	251.45	<0.5	<0.5	<0.5	0.5	<20	NA	
	09/28/90		71.93	249.93	<0.5	<0.5	<0.5	0.5	<50	NA	
	12/27/90		66.60	255.26	<0.5	<0.5	<0.5	0.6	<50	NA	
	03/20/91		60.75	261.11	<0.5	<0.5	<0.5	<0.5	<50	NA	
	06/20/91		88.77	233.09	<0.5	<0.5	<0.5	0.6	<50	NA	
	09/12/91		103.17	218.69	NS	NS	NS	NS	NS	NS	
	10/14/91		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	12/30/91		81.15	240.71	<0.5	<0.5	<0.5	<0.5	<50	NA	
	01/30/92		81.69	240.17	NS	NS	NS	NS	NS	NS	
	03/02/92		78.45	243.41	NS	NS	NS	NS	NS	NS	
	03/24/92		76.55	245.31	<0.5	<0.5	<0.5	<0.5	<50	NA	
	04/14/92		75.56	246.30	NS	NS	NS	NS	NS	NS	
	05/21/92		86.99	234.87	NS	NS	NS	NS	NS	NS	
	06/08/92		91.69	230.17	<0.5	<0.5	<0.5	<0.5	<50	NA	
	07/14/92		94.65	227.21	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-8	08/10/92	321.86	95.02	226.84	NS	NS	NS	NS	NS	NS	
(Cont.)	09/16/92		91.90	229.96	<0.5	0.9	<0.5	<0.5	<50	NA	
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		84.35	237.51	NS	NS	NS	NS	NS	NS	
	12/10/92		82.20	239.66	<0.5	0.6	<0.5	<0.5	<50	NA	
	01/26/93		78.63	243.23	NS	NS	NS	NS	NS	NS	
	02/16/93		76.90	244.96	0.7	0.6	<0.5	2.3**	<50	NA	
	03/11/93		74.39	247.47	NS	NS	NS	NS	NS	NS	
	04/12/93		71.20	250.66	26	7.3	11	38	230	NA	
	06/01/93		68.04	253.82	NS	NS	NS	NS	NS	NS	
	07/15/93		78.05	243.81	NS	NS	NS	NS	NS	NS	
	08/15/93		78.45	243.41	NS	NS	NS	NS	NS	NS	
	09/29/93		73.64	248.22	NS	NS	NS	NS	NS	NS	
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	10/28/93		67.53	253.91	NS	NS	NS	NS	NS	NS	
	11/23/93		64.68	256.76	NS	NS	NS	NS	NS	NS	
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/10-11/94		59.26	262.60	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/04-05/94		56.84	265.02	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		55.47	266.39	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		52.00	269.86	NS	NS	NS	NS	NS	NS	
	05/09/95		46.60	275.26	NS	NS	NS	NS	NS	NS	
	05/12/95		NM	NC	2.3	1.2	2.0	7.4	<50	NA	
	08/21/95		43.86	278.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	11/30/95		41.25	280.61	<0.5	<0.5	0.69	2.7	<50	<5.0	
	03/28/96		37.71	284.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		36.71	285.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		42.80	279.06	<0.5	<0.5	<0.5	<0.5	<50	<5.0	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-8	11/18/96	321.86	40.78	281.08	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
(Cont.)	02/28/97		35.14	286.72	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	05/23/97		36.41	285.45	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	09/23/97		41.22	280.64	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	09/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
Rinseate	09/23/09		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	Not measured
	12/30/97		39.81	282.05	<0.5	<0.5	<0.5	<0.5	<50	NA	
Duplicate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
Rinseate	12/30/97		NM	NC	<0.5	0.52	<0.5	<0.5	<50	3.2[f]	Not measured
	03/24/98		31.46	290.40	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	06/15/98		31.43	290.43	<0.5	<0.5	<0.5	<0.5	<50	NA	
Duplicate	06/15/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	09/11/98		38.73	283.13	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
Duplicate	09/11/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	12/09/98		28.96	292.90	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	
Duplicate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	Not measured
Rinseate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0[f]	Not measured
	03/31/99		25.05	296.81	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
Duplicate	03/31/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0	Not measured
Rinseate	03/31/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0	Not measured
	06/30/99		42.62	-42.62	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
~~Duplicate~~	~~06/30/99~~		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	13.1/1.18[f]	holding time exceeded
Rinseate	06/30/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	~~08/03/99~~		51.59	270.27	<0.5	<0.5	<0.5	<0.5	<50	0.672[f]	
Duplicate	~~08/03/99~~		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	0.650[f]	Not measured
Rinseate	08/03/99		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	Not measured

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-8	~~09/24/99~~	321.86	50.95	270.91	<0.5	<0.5	<0.5	<0.5	<50	0.777[f] 8260	
Duplicate	~~09/24/99~~		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	~~0.776~~[f]	Not measured
	12/22/99		38.59	283.27	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	
Duplicate	12/22/99		NM	NC	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	Not measured
Rinseate	12/22/99		NM	NC	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	Not measured

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-9	10/03/89	321.44	NM	NC	1,000	9,200	3,000	13,000	89,000	NA	
	10/12/89		50.24	271.20	NS	NS	NS	NS	NS	NS	
	11/28/89		50.59	270.85	NS	NS	NS	NS	NS	NS	0.10
	12/01/89		50.32	271.12	NS	NS	NS	NS	NS	NS	0.02
	12/07/89		50.13	271.31	NS	NS	NS	NS	NS	NS	0.16
	12/13/89		49.91	271.53	NS	NS	NS	NS	NS	NS	Slight Sheen
	12/20/89		49.78	271.66	6,300	31,000	9,500	55,000	190,000	NA	Slight Sheen
	01/02/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/09/90		49.39	272.05	NS	NS	NS	NS	NS	NS	Slight Sheen
	01/25/90		NM	NC	2,400	9,400	2,700	15,000	77,000	NA	Not measured
	01/26/90		49.30	272.14	NS	NS	NS	NS	NS	NS	
	02/23/90		49.06[a]	272.38	1,200	7,100	2,300	14,000	97,000	NA	
	02/23/90		49.05	272.39	NS	NS	NS	NS	NS	NS	
	03/26/90		48.75[a]	272.69	1,800	7,700	2,000	11,000	89,000	NA	
	03/26/90		48.73	272.71	NS	NS	NS	NS	NS	NS	Slight sheen
	04/18/90		48.81	272.63	2,000	7,500	2,500	16,000	110,000	NA	
	05/17/90		49.96	271.48	1,500	5,700	2,300	14,000	81,000	NA	
	06/11/90		51.58	269.86	NS	NS	NS	NS	NS	NS	
	06/20/90		NM	NC	<0.5	<0.5	<0.5	<0.5	430	NA	
	07/30/90		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	08/27/90		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	06/20/91		49.63	271.81	NS	NS	NS	NS	NS	NS	Not measured
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-9	05/21/92	321.44	NM	NC	NS	NS	NS	NS	NS	NS	Not measured
(Cont.)	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/11/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	04/12/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	06/01/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	07/15/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	08/15/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	09/29/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	10/28/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/23/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/10-11/94		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	05/04-05/94		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/16/94		52.62	268.82	NS	NS	NS	NS	NS	NS	
	02/15/95		49.76	271.68	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		44.30	277.14	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		41.11	280.33	270	51	5.2	140	1,100	<25	
	11/30/95		39.40	282.04	920	680	120	870	6,600	<100	
	03/28/96		36.13	285.31	72	28	1.8	49	360	<10	
	05/31/96		34.56	286.88	2,800	510	<50	400	8,200	<5.0	
	08/28/96		38.80	282.64	1.6	<0.5	<0.5	9.6	160	28	
	11/18/96		38.74	282.70	2,000	610	130	790	7,100	<200	
	02/28/97		33.74	287.70	2,900	2,600	280	2,400	22,000	4,200	
	05/23/97		33.77	287.67	5,300	5,200	800	3,900	32,000	1,600	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-9	09/23/97	320.68	38.17	282.51	<0.5	<0.5	<0.5	<0.5	<50	20	
(Cont.)	12/30/97		38.83	281.85	840	750	80	310	4,600	1,100[f]	
	03/24/98		31.32	289.36	11,000	16,000	1,200	6,200	62,000	7,000	
	06/15/98		28.72	291.96	1.8	2.7	<0.5	3.8	<50	8.1	
	09/11/98		31.52	289.16	1.5	0.97	<0.5	1.1	<50	7.1	
	12/09/98		28.92	291.76	1.4	2.9	<0.5	<0.5	<50	7.9[f]	
	03/31/99		27.77	292.91	2,560	4,100	118	3,090	18,400	3,850/4,950[f]	
	06/30/99		32.57	288.11	0.883	1.43	<0.5	1.24	<50	7.05/5.81[f,h]	
	08/03/99		36.24	284.44	1.20	1.70	<0.5	0.60	91.1	<0.5[f]	
	09/24/99	320.26	41.65	278.61	2.60/3.13[i]	1.06	<0.5	1.17	<50	3.92[f]	
	12/22/99		40.55	279.71	860/870[i]	380/380[i]	<5.0/<5.0[i]	2,190/2,170[i]	7,300	4,300[f]	

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Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-10	10/12/89	322.99	51.93	271.06	<0.5	<0.5	<0.5	<0.5	20	NA	
	11/28/89		51.88	271.11	NS	NS	NS	NS	NS	NS	
	12/20/89		51.47	271.52	<0.5	<0.5	<0.5	<0.5	<20	NA	
	01/09/90		50.98	272.01	NS	NS	NS	NS	NS	NS	
	01/26/90		50.87	272.12	NS	NS	NS	NS	NS	NS	
	02/23/90		50.67[a]	272.32	NS	NS	NS	NS	NS	NS	
	02/23/90		50.65	272.34	NS	NS	NS	NS	NS	NS	
	03/26/90		50.36[a]	272.63	<0.5	<0.5	<0.5	<0.5	<20	NA	
	03/26/90		50.35	272.64	NS	NS	NS	NS	NS	NS	
	04/18/90		50.45	272.54	NS	NS	NS	NS	NS	NS	
	06/11/90		51.16	271.83	NS	NS	NS	NS	NS	NS	
	07/30/90		55.72	267.27	NS	NS	NS	NS	NS	NS	
	08/27/90		57.75	265.24	<0.5	<0.5	<0.5	<0.5	<20	NA	
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	12/27/90		58.08	264.91	NS	NS	NS	NS	NS	NS	
	03/20/91		57.80	265.19	NS	NS	NS	NS	NS	NS	
	06/20/91		58.00	264.99	NS	NS	NS	NS	NS	NS	
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/24/92		58.53	264.46	NS	NS	NS	NS	NS	NS	
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	05/21/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-10	02/16/93	322.99	58.23	264.76	NS	NS	NS	NS	NS	NS	
(Cont.)	03/11/93		57.81	265.18	NS	NS	NS	NS	NS	NS	
	04/12/93		57.84	265.15	21	11	21	75	350	NA	
	06/01/93		57.88	265.11	NS	NS	NS	NS	NS	NS	Not measured
	07/15/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	08/15/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	09/29/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	10/28/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	11/23/93		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	03/10-11/94		NM	NC	NS	NS	NS	NS	NS	NS	Dry
	05/04-05/94		57.21	265.78	NS	NS	NS	NS	NS	NS	Dry
	09/01/94[e]		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	
	11/16/94		54.82	268.17	<0.5	<0.5	<0.5	<0.5	<50	NA	
	02/15/95		51.90	271.09	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		46.32	276.67	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		43.06	279.93	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	11/30/95		41.34	281.65	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96		38.15	284.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		36.61	286.38	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		40.86	282.13	NS	NS	NS	NS	NS	NS	
	11/18/96		40.90	282.09	NS	NS	NS	NS	NS	NS	
	02/28/97		35.75	287.24	NS	NS	NS	NS	NS	NS	
	05/23/97		36.07	286.92	NS	NS	NS	NS	NS	NS	
	09/23/97		40.41	282.58	NS	NS	NS	NS	NS	NS	
	12/30/97		38.20	284.79	NS	NS	NS	NS	NS	NS	
	03/24/98		34.12	288.87	NS	NS	NS	NS	NS	NS	
	06/15/98		31.79	291.20	NS	NS	NS	NS	NS	NS	
	09/11/98		35.40	287.59	NS	NS	NS	NS	NS	NS	
	12/09/98		34.32	288.67	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-10	03/31/99	322.99	30.55	292.44	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
(Cont.)	06/30/99		36.36	286.63	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99		39.95	283.04	NS	NS	NS	NS	NS	NS	
	09/24/99		44.40	278.59	<0.5	<0.5	<0.5	0.87	<50	19.30[f]	
	12/22/00		43.39	279.60	9.5	5.3	3.9	25.1	140	<5.0[f]	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-11	11/10/89	321.77	50.64	272.13	NS	NS	NS	NS	NS	NS	
	11/16/89		NM	NC	4.1	9.4	0.74	20	150	NA	Not measured
	11/28/89		50.51	272.26	NS	NS	NS	NS	NS	NS	
	12/20/89		51.47	271.30	7.2	7.5	2.9	13	150	NA	
	01/09/90		49.68	273.09	NS	NS	NS	NS	NS	NS	
	01/26/90		49.55	273.22	NS	NS	NS	NS	NS	NS	
	02/23/90		49.37[a]	273.40	NS	NS	NS	NS	NS	NS	
	02/23/90		49.35	273.42	NS	NS	NS	NS	NS	NS	
	03/26/90		49.03[a]	273.74	<0.5	<0.5	<0.5	2.7	32	NA	
	04/18/90		49.12	273.65	NS	NS	NS	NS	NS	NS	
	05/17/90		50.30	272.47	NS	NS	NS	NS	NS	NS	
	06/11/90		51.16	271.61	NS	NS	NS	NS	NS	NS	
	07/30/90		53.50	269.27	<0.5	<0.5	<0.5	3.8	26	NA	
	08/27/90		53.65	269.12	NS	NS	NS	NS	NS	NS	
	09/28/90		53.62	269.15	NS	NS	NS	NS	NS	NS	
	12/27/90		53.63	269.14	NS	NS	NS	NS	NS	NS	
	03/20/91		53.26	269.51	NS	NS	NS	NS	NS	NS	
	06/20/91		53.60	269.17	NS	NS	NS	NS	NS	NS	
	09/12/91		53.60	269.17	NS	NS	NS	NS	NS	NS	
	12/30/91		53.95	268.82	NS	NS	NS	NS	NS	NS	
	01/30/92		53.65	269.12	NS	NS	NS	NS	NS	NS	
	03/02/92		53.68	269.09	NS	NS	NS	NS	NS	NS	
	03/24/92		53.70	269.07	NS	NS	NS	NS	NS	NS	
	04/14/92		53.66	269.11	NS	NS	NS	NS	NS	NS	
	05/21/92		53.62	269.15	NS	NS	NS	NS	NS	NS	
	06/08/92		53.61	269.16	NS	NS	NS	NS	NS	NS	
	07/14/92		53.53	269.24	NS	NS	NS	NS	NS	NS	
	08/10/92		53.58	269.19	NS	NS	NS	NS	NS	NS	
	09/16/92		53.60	269.17	NS	NS	NS	NS	NS	NS	
	10/07/92		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	11/09/92		DRY	DRY	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		53.59	269.18	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-11	01/26/93	321.77	53.67	269.10	NS	NS	NS	NS	NS	NS	
(Cont.)	02/16/93		53.60	269.17	NS	NS	NS	NS	NS	NS	
	03/11/93		53.58	269.19	NS	NS	NS	NS	NS	NS	
	04/12/93		53.54	269.23	<0.5	<0.5	<0.5	<0.5	<50	NA	
	06/01/93		53.52	269.25	NS	NS	NS	NS	NS	NS	
	07/15/93		53.60	269.17	NS	NS	NS	NS	NS	NS	
	08/15/93		53.55	269.22	NS	NS	NS	NS	NS	NS	
	09/29/93		53.62	269.15	NS	NS	NS	NS	NS	NS	
	09/30/93		NM	NC	NS	NS	NS	NS	NS	NS	Not measured
	10/28/93		53.63	269.14	NS	NS	NS	NS	NS	NS	
	11/23/93		53.58	268.19	NS	NS	NS	NS	NS	NS	
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	Not measured
	03/10-11/94		53.61	268.16	NS	NS	NS	NS	NS	NS	
	05/04-05/94		53.51	268.26	NS	NS	NS	NS	NS	NS	
	11/16/94		53.46	268.31	NS	NS	NS	NS	NS	NS	
	02/15/95		50.57	271.20	<0.5	<0.5	<0.5	<0.5	<50	NA	
	05/09/95		45.05	276.72	<0.5	<0.5	<0.5	<0.5	<50	NA	
	08/21/95		41.88	279.89	<0.5	<0.5	<0.5	<0.5	<50	2.8	
	11/30/95		40.04	281.73	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	03/28/96		36.90	284.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	05/31/96		35.34	286.43	<0.5	<0.5	<0.5	<0.5	<50	<5.0	
	08/28/96		39.56	282.21	NS	NS	NS	NS	NS	NS	
	11/18/96		39.56	282.21	NS	NS	NS	NS	NS	NS	
	02/28/97		34.50	287.27	NS	NS	NS	NS	NS	NS	
	05/23/97		34.80	286.97	NS	NS	NS	NS	NS	NS	
	09/23/97		39.18	282.59	NS	NS	NS	NS	NS	NS	
	12/30/97		37.94	283.83	NS	NS	NS	NS	NS	NS	
	03/24/98		32.86	289.65	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.49	291.28	NS	NS	NS	NS	NS	NS	
	09/11/98		35.96	285.81	NS	NS	NS	NS	NS	NS	
	12/09/98		33.06	288.71	NS	NS	NS	NS	NS	NS	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-11	03/31/99	321.77	29.31	292.46	<0.5	<0.5	<0.5	<0.5	<50	2.79/2.64[f]	
(Cont.)	06/30/99		35.15	286.62	<0.5	<0.5	<0.5	<0.5	<50	<2.5	
	08/03/99		38.65	283.12	NS	NS	NS	NS	NS	NS	
	09/24/99	321.73	43.08	278.65	<0.5	<0.5	<0.5	<0.5	<50	3.93[f]	
	12/22/99		40.94	280.79	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
VR-1	03/24/92		NM	NC	1.7	<0.5	<0.5	<0.5	<50	NA	
	06/30/99		19.52	NC	<0.5	<0.5	<0.5	<0.5	<50	6.83/7.31[f,h]	
	08/03/99		19.53	NC	<0.5	<0.5	<0.5	<0.5	<50	2.49[f]	
	09/24/99	321.00	19.73	301.27	<0.5	<0.5	<0.5	<0.5	<50	5.94[f]	
	12/22/99		21.35	299.65	<1.0	<1.0	<1.0	<1.0	<50	10[f]	
VR-2	06/30/99		33.63	NC	<0.5	<0.5	<0.5	<0.5	<50	1,080/1,160[f,h]	
	08/03/99		37.19	NC	<0.5	<0.5	<0.5	<0.5	<50	3,390[f]	
	09/24/99	320.18	41.54	278.64	2,650	<50	<50	309	5,170	1,030[f]	
	12/22/99		40.63	279.55	<1.0	<1.0	<1.0	<1.0	<50	34[f]	
	01/21/00		39.04	281.14	<1.0	<1.0	<1.0	<1.0	<50	17[f]	
VR-3	06/30/99		9.15	NC	<0.5	<0.5	<0.5	<0.5	<50	1,220/1,380[f,h]	
	08/03/99		8.19	NC	<0.5	<0.5	<0.5	<0.5	<50	16,100[f]	
	09/24/99	318.73	8.97	309.76	7.20	1.14	<1.0	1.94	122	10,900[f]	
	Well destroyed 11/05/99										
VR-4	06/30/99		8.50	NC	<0.5	<0.5	<0.5	<0.5	<50	146	
	08/03/99		8.69	NC	<0.5	<0.5	<0.5	<0.5	71.7[g]	3.96[f]	
	09/24/99	321.19	9.10	312.09	0.890	2.22	0.800	3.15	79.6	90.6[f]	
	Well destroyed 11/05/99										
OW-1	09/24/99	322.45	10.37	312.08	2.10	1.41	<0.5	7.22	119	7,810[f]	
	12/22/99		10.93	311.52	12	<5.0	<5.0	5.2	360	44,000[f]	
OW-2	09/24/99	321.55	9.48	312.07	31.1	<0.5	<0.5	20.6	275[g]	177,000[f]	
	12/22/99		10.13	311.42	<5.0	<5.0	<5.0	5.2	410	85,000[f]	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
PMW-1	12/22/99	322.75	NM	NC	NS	NS	NS	NS	NS	NS	Dry
PMW-2	12/22/99	322.37	12.85	309.52	NS	NS	NS	NS	NS	NS	
PMW-3	12/22/99	321.27	12.61	308.66	NS	NS	NS	NS	NS	NS	
PMW-4	12/22/99	321.37	15.32	306.05	NS	NS	NS	NS	NS	NS	
PMW-5	12/22/99	320.04	13.19	306.85	1.0	<1.0	<1.0	<1.0	<50	810[f]	
PMW-6	12/22/99	321.38	NM	NC	NS	NS	NS	NS	NS	NS	Dry
Trip blank	03/31/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	08/03/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	

TABLE 1

CUMULATIVE GROUND WATER MONITORING DATA

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPPH as gasoline (µg/L)	MTBE (µg/L)	Comments
Atmos	03/31/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	06/30/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<2.0	
	08/03/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
	09/24/99	N/A	N/A	N/A	<0.5	<0.5	<0.5	<0.5	<50	<0.5[f]	
	12/22/99	N/A	N/A	N/A	<1.0	<1.0	<1.0	<1.0	<50	<5.0[f]	

a = Water level recorded during pumping of MW-7.
b = Anomalous water level possibly due to recharge from a perched water zone.
c = Casing head cut to lower elevation.
d = Casing head damaged by construction.
e = Results obtained past the technical holding time.
f = Methyl tertiary butyl ether by EPA Method 8260.
g = Unidentified Hydrocarbon C6-C12.
h = Analysis performed outside of EPA recommended hold time.
i = Results by EPA Method 8260B.
j = 1,2,4 - Trimethylbenzene.
k = 1,3,5 - Trimethylbenzene.
l = Naphthalene.
m = 2,4 - Dimethylphenol.
n = 2 - Methylphenol.
o = Bis (2-ethyhexyl) phthalate.
p = Phenol.
q = 1,2,3 - Trichloropropane.
r = 2 - Butanone
s = Acetone.

Reference elevation = Elevation relative to mean sea level.
Depth to ground water = Measured from notch/mark on north edge of well casing.
µg/L = Micrograms per liter.
TPPH = Total purgeable petroleum hydrocarbons.
MTBE = Methyl tertiary butyl ether by EPA Method 8020.
Note: Ground water collected on 12/30/97 analyzed for Oxygenate compunds = Ethanol, tertiary butanol, methyl tertiary butyl ether, diisopropyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether. Concentrations confirmed by EPA Method 8260. All results were non-detect as noted. Additionally, ground water samples analyzed for Methanol 8015M. All results were non-detect.

NA = Not analyzed.
ND = Not detected at or above the laboratory's reporting limits.
NS = Not sampled.
NM = Not measured.
NC = Not calculated.
N/A = Not applicable.

SUPPLEMENTAL GROUND WATER ANALYTICAL RESULTS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

				Volatile Organic Compounds:						Semi-Volatile Organic Compounds:			
Monitoring Well	Date	Ethylene glycol (mg/L)	Fuel Finger Print (mg/L)	1,2,4-Tri methyl-benzene (µg/L)	1,3,5- Tri methyl-benzene (µg/L)	Naphthalene (µg/L)	1,2,3- Tri Chloro-propane (µg/L)	2-Butanone (µg/L)	Acetone (µg/L)	2,4-D methyl-phenol (µg/L)	2-methyl-phenol (µg/L)	Bis (2-ethylhexyl) phthalate (µg/L)	Phenol (µg/L)
VR-1	09/24/99	<20	136[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/99	<10	<0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VR-2	09/24/99	<20	1,630[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/21/00	<10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VR-3	09/24/99	<20	100[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Well Destroyed												
VR-4	09/24/99	<20	363[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Well Destroyed												
MW-9	09/24/99	<20	286[a]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	12/22/99	<10	0.45[b]/0.33[c]	110	42	8	ND	ND	ND	190	11	44	23
OW-1	09/24/99	<20	331[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/99	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
OW-2	09/24/99	<20	255[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/22/99	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PMW-5	12/22/99	<10	NA	ND	ND	ND	39	20	160	NA	NA	NA	NA

mg/L = Miligrams per liter.

µg/L = Micrograms per liter.

NA = Not Analyzed.

ND = Not detected.

a = Unidentified hydrocarbon C9-C40.

b = C10-C11.

c = C12-C13.

TABLE 3

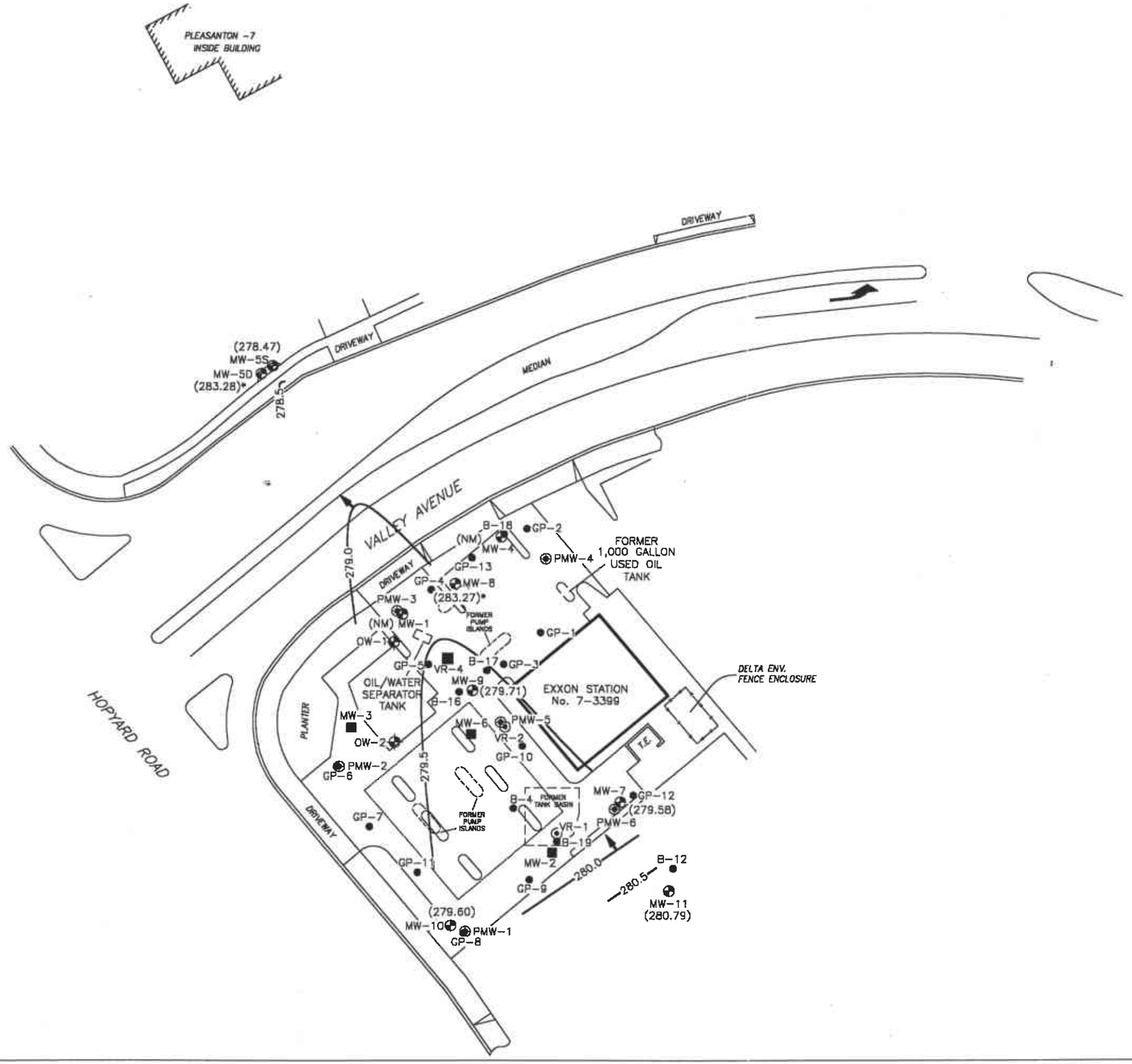
GROUND WATER ANALYTICAL RESULTS FOR DISSOLVED METALS

Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California

Sample ID	Date	Antimony (mg/L)	Arsenic (mg/L)	Lead (mg/L)	Selenium (mg/L)	Thallium (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Silver (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
MW-9	9/24/99	<0.005	<0.005	<0.005	<0.005	<0.005	0.320	<0.003	<0.005	<0.01	<0.001	<0.001	<0.02	<0.02	<0.01	<0.005	0.096
	12/22/99	0.0538	0.314	<0.005	0.0118	<0.005	1.1	<0.003	<0.005	<0.01	<0.01	<0.01	<0.02	<0.02	<0.01	<0.005	0.286
PMW-5	12/22/99	<0.005	<0.005	<0.005	0.011	<0.005	0.668	<0.003	<0.005	<0.0563	<0.01	0.0598	0.113	0.0514	<0.01	0.0207	0.177
VR-3	9/24/99	<0.005	<0.005	<0.005	<0.005	<0.005	0.630	<0.003	<0.005	<0.01	<0.001	<0.001	<0.02	<0.02	<0.01	<0.005	0.10

mg/L = Milligrams per liter.

Note: Metal anlyzed by EPA Method 6010B.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION
PMW-1	PERCHED MONITORING WELL LOCATION
(280.79)	GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
279.5	WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
	GROUND WATER FLOW DIRECTION

NOTE:

* MONITORING WELLS MW-5D AND MW-8 WERE NOT USED IN THE CALCULATION OF THE WATER TABLE CONTOURS BECAUSE THEY ARE SCREENED IN LOWER WATER BEARING ZONES. MONITORING WELL MW-1 WAS NOT USED IN CONTOUR CONSTRUCTION BECAUSE AIR WAS INJECTED INTO IT BY THE AIR SPARGING SYSTEM.

NOTE:

VAPOR RECOVERY WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99. PERCHED GROUND WATER MONITORING WELL PMW-5 WAS INSTALLED IN DESTROYED VAPOR WELL VR-3 BORING ON 12/16/99.

0 50 FT

SCALE

GENERAL NOTE:

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

FIGURE 1

GROUND WATER ELEVATION CONTOUR MAP

12/22/99

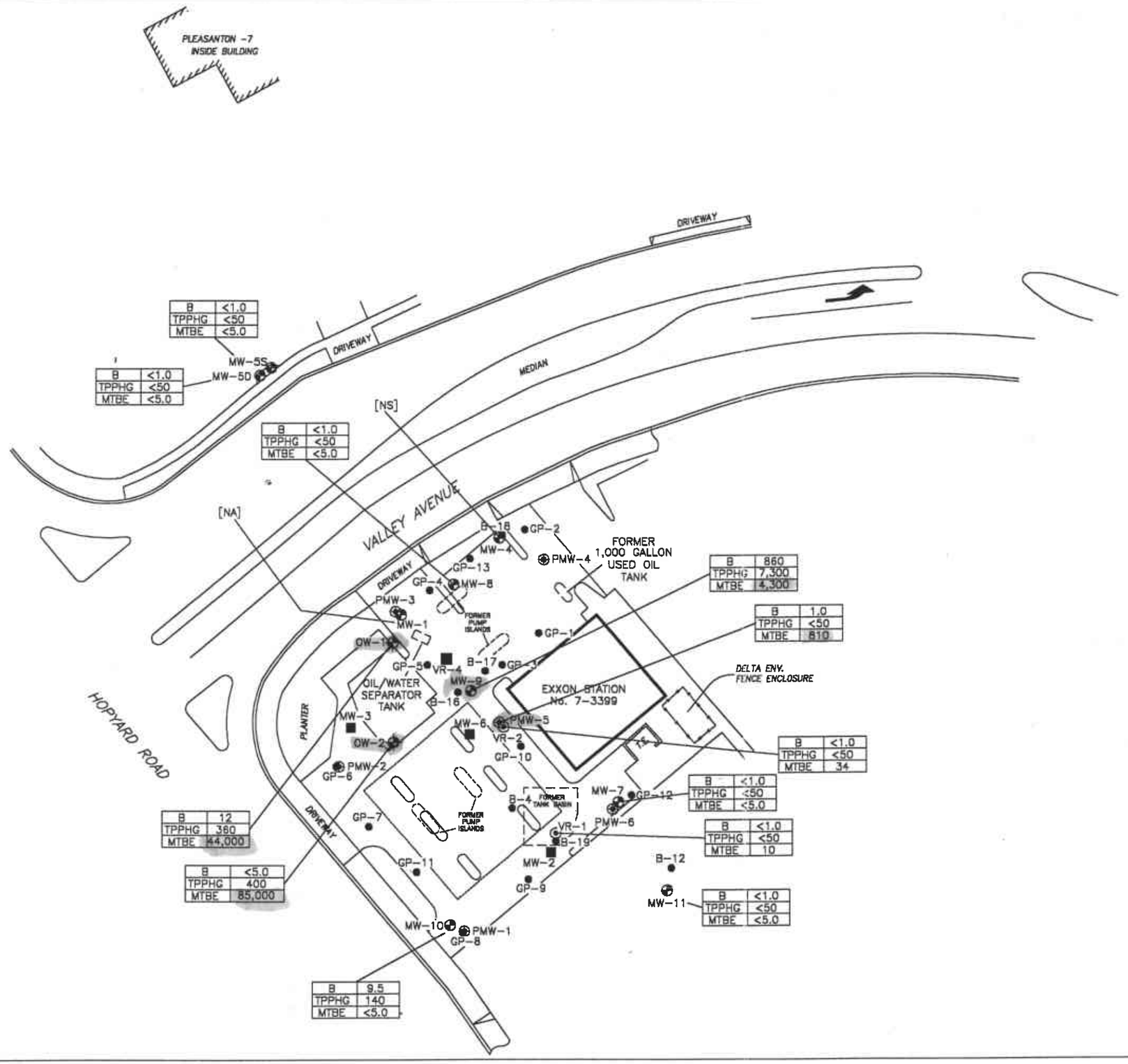
EXXON STATION NO 7-3399

2991 HOPYARD ROAD

PLEASANTON, CA.

PROJECT NO. 0094-836	DRAWN BY M.L. 1/19/00
FILE NO. 94-836-1A	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY JKB

Delta Environmental Consultants, Inc.



North

LEGEND:

OW-1	OBSERVATION WELL LOCATION
MW-1	MONITORING WELL LOCATION
VR-1	VAPOR EXTRACTION WELL LOCATION
MW-2	DESTROYED MONITORING WELL
B-12	SOIL BORING LOCATION
GP-1	GEOPROBE SOIL BORING LOCATION
PMW-1	PERCHED MONITORING WELL LOCATION

B	<1.0	BENZENE
TPPHG	<50	TOTAL PURGEABLE PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	<5.0	METHYL TERTIARY BUTYL ETHER

NS NOT SAMPLED

NA NOT AVAILABLE (SEE TEXT)

CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (ug/L)

MTBE ANALYZED USING EPA METHOD 8260B

NOTE:
VAPOR RECOVERY WELLS VR-3 & VR-4 WERE DESTROYED ON 11/5/99. PERCHED GROUND WATER MONITORING WELL PMW-5 WAS INSTALLED IN DESTROYED VAPOR WELL VR-3 BORING ON 12/16/99.

0 50 FT
SCALE

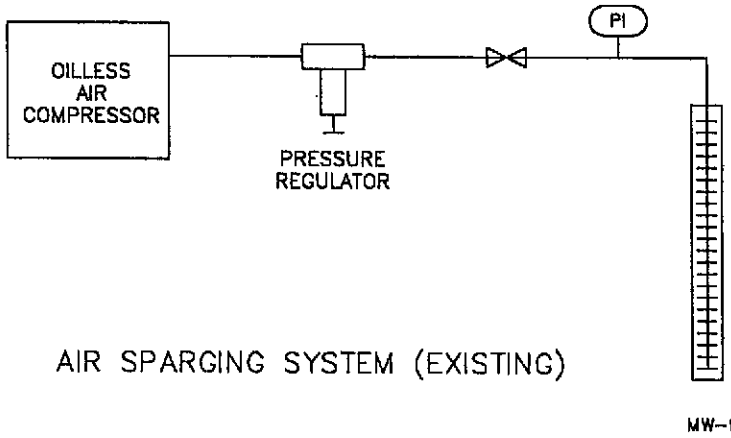
GENERAL NOTE:

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

FIGURE 2
DISSOLVED PETROLEUM HYDROCARBON CONSTITUENTS MAP - 12/22/99
EXXON STATION NO 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA.

PROJECT NO. 0094-836	DRAWN BY M.L. 3/13/00
FILE NO. 94-836-1A	PREPARED BY JWS
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



AIR SPARGING SYSTEM (EXISTING)

LEGEND:

PI PRESSURE INDICATOR

BALL VALVE

FIGURE 3
PROCESS FLOW DIAGRAM
EXXON STATION NO. 7-3399
2991 HOPYARD ROAD
PLEASANTON, CA

PROJECT NO. 0094-836	DRAWN BY M.L. 2/1/00
FILE NO. 94-836-TEMP	PREPARED BY JWS
REVISION NO. 3	REVIEWED BY

Delta Environmental Consultants, Inc.

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.

EXXON WELL MONITORING DATA SHEET

Project #: 000121-L1	Store # 7-3399
Sampler: LAD	Date: 1-21-00
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 55.00	Depth to Water: 39.35
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

10.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 30.6 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1102	64.5	6.8	2592.	11.	
1104	65.4	6.9	2594	22.	
1106	65.9	6.9	2584.	33.	

Did well dewater? Yes (No) Gallons actually evacuated: 33

Sampling Time: 1110 Sampling Date: 1-21-00

Sample I.D.: MW-1 Laboratory: SPL Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260

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 #: 000121-4	Store # 7-3399
Sampler: LAD	Date: 1-21-00
Well I.D.: VR-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 43.44	Depth to Water: 39.04
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

0.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.1 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1140	63.5	7.1	2044.	1.0	
1146	63.8	7.0	2008.	2.0	
1148	64.1	7.1	2007.	3.0	

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Time: 1150 Sampling Date: 1-21-00

Sample I.D.: VR-2 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260 / ETHYLENE GLYCOL / 8015M

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

BLAINE
TECH SERVICES

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

WELLHEAD INSPECTION CHECKLIST

Client EXXON #7-3399

Site Address 2991 HOPYARD RD PLEASANTON

Technician LAD

Date 1-21-00

1. Lid on box?	6. Casing secure?	12. Water standing in wellbox?	15. Well cap functional?
2. Lid broken?	7. Casing cut level?	12a. Standing above the top of casing?	16. Can cap be pulled loose?
3. Lid bolts missing?	8. Debris in wellbox?	12b. Standing below the top of casing?	17. Can cap seal out water?
4. Lid bolts stripped?	9. Wellbox is too far above grade?	12c. Water even with the top of casing?	18. Padlock present?
5. Lid seal intact?	10. Wellbox is too far below grade?	13. Well cap present?	19. Padlock functional?
	11. Wellbox is crushed/damaged?	14. Well cap found secure?	

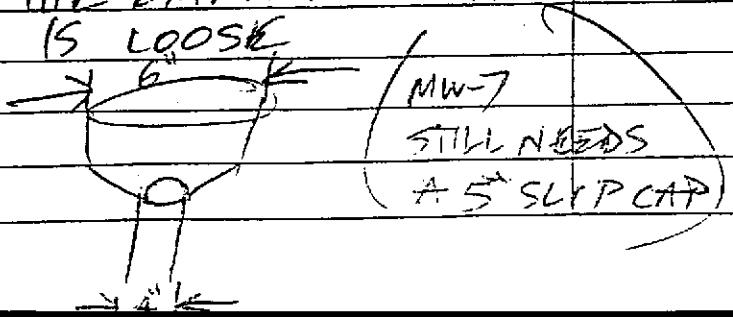
☐ Check box if no deficiencies were found. Note below deficiencies you were able to correct.

Well I.D.	Deficiency	Corrective Action Taken

RECEIVED
JAN 28 2000

Note below all deficiencies that could not be corrected and still need to be corrected.

Well I.D.	Persisting Deficiency	BTS Office assigns or defers Correction to:	Date assigned	Date corrected
MW-1	NEEDS A 6" CAP + LOCK	*ARE VS OW-1 + T NORTH		
	THE EXTRACTION CAP	+		
	IS LOOSE	OW-2 + T SOUTH		
		THE SAME		
		WELLS?		



EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. _____ Page ____ of 1

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: DELTA Contact: Jim Brownell
Address: 3164 Gold Camp Dr. Phone: (916) 638-2765
Rancho Cordova, CA Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only): _____
AFE # (Terminal Only): _____ Consultant Project #: D049-836
Location: 2991 Hopyard Rd. (City): Pleasanton (State): CA
☐ EE ☐ C & M ☐ SDT
Consultant Work Release #: 19900912 BTS# 00021-LI
Sampled By: Blaine Tech Services, Inc.

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	MATRIX OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☐ 602 ☐ WITH MTBE ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	O & G IR 413.1 ☐ GRAV. 413.2 ☐	TPH / GC 8015 GRO ☐ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB / PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: STATE	MTBE BY 8260	ETHANE GYCOL	FUEL FINGERPRINT BY 8015 M
MW-1	1/21/00	1110			X					6		X				X										CA	X		
VR-2	↓	1150			X					11		X				X											X	X	X
						\																								

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

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☐ CLP ☐ Other ☐ _____

SPECIAL DETECTION LIMITS (Specify)

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☐ FAX C-O-C W / REPORT

REMARKS:

LAB USE ONLY LOT # Storage Location

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

	Date	Time	
Relinquished By Sampler: CAD GILCHRIST	1/21/00	2:25	Received By:
Relinquished By Sampler:	Date	Time	Received By:
Relinquished By Sampler:	Date	Time	Received By Laboratory:

Way Bill #: Cooler Temp:

SHIP SAMPLES BACK TO: SPL INCORPORATED

DD94-926

WELL GAUGING DATA

By _____

Project # 991222-J1 Date 12/22/99 Client Exxon 7-3397

Site 2991 Hopyard Rd, Pleasanton

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					9.93	35.00	TOC	+34.99
MW-4	—— Inaccessable / Covered by rubble ——								
MW-5S	4					42.05	54.60		0.84
MW-5D	4					38.51	77.40		5.74
MW-7	4					41.69	57.55		0.90
MW-8	4					38.59	137.90		12.36
MW-9	4					40.55	53.50		1.10
MW-10	4					43.39	58.30		1.01
MW-11	4					40.94	54.65		2.14
VR-1	4					21.35	30.85		
VR-2	2					40.63	43.51		
T-North	4					10.93	12.01		
T-South	4					10.13	12.70		
PMW-1	4					DRY	15.48		
PMW-2	4					12.85	15.84		
PMW-3	4					12.61	15.72		
PMW-4	4					15.32	15.72		

WELL GAUGING DATA

Project # 991222-J1 Date 12/22/99 Client Exxon 7-3399

Site 2991 Hopyard Rd, Pleasanton

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	
PMW-5	4					13.19	14.68	TOC	
PMW-6	4					DRY	15.53	TOC	

EXXON WELL MONITORING DATA SHEET

Project #: 991222-J1	Store # 7-3399
Sampler: Josh, KPS	Date: 12-12-99
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 35,66	Depth to Water: 9,93
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

16,3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 48,9 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:15	73,4	7.1	1387	17	
13:18	73,2	7,2	1392	34	
13:21	73,4	7.2	1385	51	

Did well dewater? Yes (No) Gallons actually evacuated: 51

Sampling Time: 13:30 Sampling Date: 12-22-99

Sample I.D.: @ MW-1 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: MTBE By 8260

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 #: 991222-J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: MW-5S	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 54.60	Depth to Water: 42.05
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

8.16 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 24.48 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:47	67.6	6.7	2294	9	
11:49	68.1	6.7	2449	18	
11:51	67.0	6.7	2455	25	

Did well dewater? Yes (No) Gallons actually evacuated: 25

Sampling Time: 11:55 Sampling Date: 12-22-99

Sample I.D.: @ MW-5S Laboratory: (SPL) Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: by 8260

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 #: 991222-J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: MW-5D	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 77.40	Depth to Water: 38.51
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

25.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 75.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1128	65.1	6.4	1843	26	
1131	64.8	6.8	1832	52	
1133	66.1	6.8	1834	76	

Did well dewater? Yes (No) Gallons actually evacuated: 76

Sampling Time: ~~MW-5D~~ 1140 Sampling Date: 12-22-99

Sample I.D.: D D MW-5D Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: MTBE by 8260

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

* Dup #1

EXXON WELL MONITORING DATA SHEET

Project #: 9912 22 -J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: MW-7	Well Diameter: 2 3 4 (5) 6 8 ___
Total Well Depth: 41.69	Depth to Water: 59.55
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

5" 1.02

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

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

17.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 53.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1430	66.6	6.8	2170	18	
1433	66.4	6.8	2148	36	
1445	66.8	6.8	2132	54	

Did well dewater? Yes (No) Gallons actually evacuated: 54

Sampling Time: 1455 Sampling Date: 12-22-99

Sample I.D.: E MW-7 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: MTOE by 8260

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 #: 9912 22 -J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 137.90	Depth to Water: 38.59
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible ✓ / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer ✓ / Extraction Port / Other: _____

64.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 193.8 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1235	63.6	7.4	900	65	
1241	63.1	7.2	886	130	
1249	62.5	7.3	882	194	

Did well dewater? Yes (No)

Gallons actually evacuated: 194

Sampling Time: 1250

Sampling Date: 12-22-99

Sample I.D.: MW-8

Laboratory: (SPL) 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

* Dup #2

* Rinsate @ 1210

* Atmosphere @ 12-55 1255

EXXON WELL MONITORING DATA SHEET

Project #: 991222-J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 53.50	Depth to Water: ~~53.5~~ 40.55
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1345	69.5	7.14	2335	9	
1347	68.4	6.8	2168	18	
1349	68.4	6.8	2053	26	
	* Removed Pump Hose before purge & Sample				

Did well dewater? Yes (No) Gallons actually evacuated: 26

Sampling Time: 1355 Sampling Date: 12-22-99

Sample I.D.: @ MW-9 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Ethylene Glycol, Fuel Fingerprint Dis. CAM 17 Metals

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 #: 9912 22 -J1	Store # 7-3399
Sampler: Josh / KPS	Date: 12-12-99
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 58.30	Depth to Water: 43.39
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

10	X	3	=	30 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:15	67.0	6.9	2355	10	
14:17	67.3	7.0	2372	20	
14:19	67.2	7.0	2359	30	

Did well dewater? Yes (No) Gallons actually evacuated: 30

Sampling Time: 14:32 Sampling Date: 12-22-99

Sample I.D.: @ MW-10 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: MTBE By 8260

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 #: 991222-J1	Store # 7-3399
Sampler: Josh, KPS	Date: 12-12-99
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 54.65	Depth to Water: 40.94
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

8.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 26 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:45	65.1	7.0	2098	9	
14:47	65.9	7.0	2053	18	
14:49	65.4	7.0	2012	27	

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Time: 14:57 Sampling Date: 12-22-99

Sample I.D.: MW-11 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: MTBE By 8260

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 #: 991222-J1	Store # 7-3399
Sampler: Josh / KPS	Date: 12-12-99
Well I.D.: MW- VR-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 30.85	Depth to Water: 21.35
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

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

6.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 20.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
15:15	67.4	7.1	1303	7	
15:16	67.3	7.2	1305	14	
15:17	67.2	7.2	1317	21	

Did well dewater? Yes (No) Gallons actually evacuated: 21

Sampling Time: 15:25 Sampling Date: 12-22-99

Sample I.D.: (9) VR-1 Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Ethylene Glycol / Fuel Fingerprint

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 #: 991222-J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: VR-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 43.51	Depth to Water: 40.63
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer ✓ / Middleburg / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer / Disposable Bailer ✓ / Extraction Port / Other: _____

.5	X	3	=	1.5 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:15	65.9	6.8	1756	.5	
13:17	65.8	6.8	1737	1.0	
13:20	65.8	6.8	1639	1.5	

Did well dewater? Yes (No) Gallons actually evacuated: 1.5

Sampling Time: 13:25 Sampling Date: 12-22-99

Sample I.D.: ~~*~~ VR-2 Laboratory: (SPL) Other _____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Ethylene Glycol Fuel Fingerprint

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 #: 991222-J1	Store # 7-3399
Sampler: Josh / KPS	Date: 12-12-99
Well I.D.: T-South	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 12.70	Depth to Water: 10.13
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

Sampling Method:
- Bailer
- Disposable Bailer ✓
- Extraction Port
- Other: ___

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
1.6	X	3	=	4.8 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:37	69.5	6.9	1450	1.5	
13:40	69.4	6.8	1439	3	
13:43	69.5	6.9	1442	5	

Did well dewater? Yes (No) Gallons actually evacuated: 5

Sampling Time: 13:47 Sampling Date: 12-22-99

Sample I.D.: @ T-South Laboratory: (SPL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Ethylene Glycol, Fuel Fingerprint

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 #: 991222-J1	Store # 7-3399
Sampler: Josh, KPS	Date: 12-12-99
Well I.D.: T-North	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 12.70	Depth to Water: 10.13
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer • ~~Disposable Bailer~~ Middleburg ~~Electric Submersible~~ Extraction Pump Other: ____

Sampling Method: Bailer Disposable Bailer ✓ Extraction Port Other: ____

1.7 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 5.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:55	67.5	6.9	1473	2	
13:58	68.0	7.6	1423	4	
14:01	67.9	7.0	1462	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 14:07 Sampling Date: 12-22-99

Sample I.D.: T-North Laboratory: (SPL) Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: Ethylene Glycol, Fuel Fingerprint

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 #: 991222-J1	Store # 7-3399
Sampler: Josh	Date: 12-12-99
Well I.D.: [redacted] PMW5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.68	Depth to Water: 13.19
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
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

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

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

.97	X	3	=	2.91 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1330	~~66.6~~ 6.66	~~11.08~~	2743	1.	
1332	65.3	10.9	2533	2.	
1333	64.9	10.7	2503	3	

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Time: 1335 Sampling Date: 12-22-99

Sample I.D.: PMW-5 Laboratory: (SPL) Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D (Other:) Ethylene Glycol, Fuel Fingerprint 6010 CAM 17 Metals

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 COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. ________ Page 1 of 2

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: DELTA Contact: Jim Brownell
Address: 3164 Gold Camp Dr. Phone: (916) 638-2765
Rancho Cordova, CA Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only): ________
AFE # (Terminal Only): ________ Consultant Project #: D049-836
Location: 2991 Hopyard Rd. (City): Pleasanton (State): CA
☐ EE ☐ C & M ☐ SDT
Consultant Work Release #: 19900912 BTS# 991222-J1
Sampled By: Blaine Tech Services, Inc.

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	SOIL	AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☒ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	~~TPH~~ Fuel Finger print by 8015	O & G IR 413.1 ☐ GRAV. 413.2 ☐	TPH / GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☒ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB / PEST 8080 ☐ PCB ONLY ☐	TCLP FULL☐ VOA☐ SEMI-VOA☐ PEST☐ HERB☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	~~TOX~~ MTBE by 8260	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: ~~STATE~~ VOC's w/ MTBE by 8260	Dissolved CAM 17 Metals	Ethylene Glycol
MW-1	12-22	1330			X				HCl	6		X				X								X		CA		
~~MW-~~																												
MW-5S		1155								6		X				X								X				
MW-5D		1140								6		X				X								X				
MW-7		1455								6		X				X								X				
MW-8		1250								6		X				X								X				
MW-9		1355								12		X		X		X		X						X		X	X	X
MW-10		1432								6		X				X								X				
MW-11		1457								6		X				X								X				
VR1	↓	1525			↓				↓	11		X		X		X		X						X		X		X

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

EXXON UST CONTRACT NO. S02317M01

SPECIAL DETECTION LIMITS (Specify)

REMARKS:

SPECIAL REPORTING REQUIREMENTS (Specify)

LAB USE ONLY LOT # Storage Location

QA/QC Level
Standard ☐ CLP ☐ Other ☐

FAX ☐ ☑ FAX C-O-C W / REPORT

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

Relinquished By Sampler:	Date	Time	Received By:
Josh Kerns	12-22-99	1600	
Relinquished By Sampler:	Date	Time	Received By:
Relinquished By Sampler:	Date	Time	Received By Laboratory:
			Way Bill #: Cooler Temp:

SHIP SAMPLES BACK TO: SPL INCORPORATED, 8880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8975 Ph: 1-8[illegible]-677[illegible]

DEC. -23' 99 (THU) 10:51 BLAINE TECH SERVICES, INC TEL:408 573 7771 P. 004

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. ____________ Page 2 of 2

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: DELTA Contact: Jim Brownell
Address: 3164 Gold Camp Dr. Phone: (916) 638-2765
Rancho Cordova, CA Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only): ____
AFE # (Terminal Only): ____ Consultant Project #: D049-836
Location: 2991 Hopyard Rd. (City): Pleasanton (State): CA
☐ EE ☐ C & M ☐ SDT
Consultant Work Release #: 19900912 BTS# 991222-J1
Sampled By: Blaine Tech Services, Inc.

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H₂O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☒ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	~~TPH-IR 418.1~~ ☐ Fuel Fingerprint by 8015M	O & G IR 413.1 ☐ GRAV. 413.2 ☐	TPH / GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☒ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB / PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	~~TOX/TOH~~ ☐ MTBE by 8260	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	STATE VOC's w/MTBE by 8260	OTHER: Dissolved CAM 17 Metals	~~Ethylene Glycol~~	Ethylene Glycol
Rinsate	12-22	1210			X				HCl	~~4~~6		X				X								X		CA			
Atmos	↓	1255			↓					3		X				X								X					
Dup #1		—								6		X				X								X					
Dup #2		—								6		X				X								X					
VR 2	~~13~~	1325								11		X		X		X								X					X
T-South		1347								11		X		X		X								X				X	X
T-North		1407								11		X		X		X								X					X
PMW-5		1335								12		X		X		X								X	X	X	X		X
TB																													

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

EXXON UST CONTRACT NO. 502317M01

SPECIAL DETECTION LIMITS (Specify)

REMARKS:

SPECIAL REPORTING REQUIREMENTS (Specify)

LAB USE ONLY LOT # Storage Location

QA/QC Level
Standard ☐ CLP ☐ Other ☐

FAX ☐ ☑ FAX C-O-C W / REPORT

WORK ORDER #: LAB WORK RELEASE #:

CUSTODY RECORD

Relinquished By Sampler:	Date	Time	Received By:
Josh Kerns [signature]	12/22/99	1700	
Relinquished By Sampler:	Date	Time	Received By:
Relinquished By Sampler:	Date	Time	Received By Laboratory:
			Way Bill #: Cooler Temp:

SHIP SAMPLES BACK TO: SPL INCORPORATED, 8880 Interchange Drive, Houston, TX 77054 Ph: (713) 660-0901 Fax: (713) 660-8975 Ph: 1-800-969-6775

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

EXXON Company U.S.A.

Certificate of Analysis Number:

99120638

Report To:	Delta Environmental Consultants, Inc. Jim R. Brownell, R.G. 3164 Gold Camp Drive, Suite 200 Rancho Cordova California 95670- ph: (916) 638-2765 fax: (916) 638-8385	**Project Name:**	D049-836
		Site:	7-3399,19900912
		Site Address:	
		PO Number:	
		State:	
		State Cert. No.:	
Fax To:	*Delta Environmental Consultants, Inc.* *Jim R. Brownell, R.G. fax: (916) 638-8385*	**Date Reported:**	1/14/00

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-1	99120638-01	Water	12/22/99 1:30:00 PM	12/28/99 10:00:00 AM		☐
W-5S	99120638-02	Water	12/22/99 11:55:00 AM	12/28/99 10:00:00 AM		☐
W-5D	99120638-03	Water	12/22/99 11:40:00 AM	12/28/99 10:00:00 AM		☐
MW-7	99120638-04	Water	12/22/99 2:55:00 PM	12/28/99 10:00:00 AM		☐
W-8	99120638-05	Water	12/22/99 12:50:00 PM	12/28/99 10:00:00 AM		☐
W-9	99120638-06	Water	12/22/99 1:55:00 PM	12/28/99 10:00:00 AM		☑
MW-9	99120638-06	Water	12/22/99 1:55:00 PM	12/28/99 10:00:00 AM		☐
W-10	99120638-07	Water	12/22/99 2:32:00 PM	12/28/99 10:00:00 AM		☐
W-11	99120638-08	Water	12/22/99 2:57:00 PM	12/28/99 10:00:00 AM		☐
VR1	99120638-09	Water	12/22/99 3:25:00 PM	12/28/99 10:00:00 AM		☐
VR1	99120638-09	Water	12/22/99 3:25:00 PM	12/28/99 10:00:00 AM		☑

Sonia Watt

1/14/00

Date

Watt, Neaundra
Project Manager

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

1/14/00 1:48:04 PM

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Client Sample ID: MW-1 **Collected:** 12/22/99 1:30:00 **SPL Sample ID:** 99120638-01

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50	1		12/29/99 22:32	WR	142266
Surr: 1,4-Difluorobenzene	97	%	62-144	1		12/29/99 22:32	WR	142266
Surr: 4-Bromofluorobenzene	100	%	44-153	1		12/29/99 22:32	WR	142266
PURGEABLE AROMATICS			MCL	SW8021B		Units: ug/L		
Benzene	1.9		1	1		12/29/99 22:32	WR	142151
Ethylbenzene	1.5		1	1		12/29/99 22:32	WR	142151
Toluene	1.4		1	1		12/29/99 22:32	WR	142151
m,p-Xylene	5.4		1	1		12/29/99 22:32	WR	142151
o-Xylene	1.9		1	1		12/29/99 22:32	WR	142151
Xylenes,Total	7.3		1	1		12/29/99 22:32	WR	142151
Surr: 1,4-Difluorobenzene	90	%	72-137	1		12/29/99 22:32	WR	142151
Surr: 4-Bromofluorobenzene	100	%	48-156	1		12/29/99 22:32	WR	142151
VOLATILE ORGANICS METHOD 8260B			MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	940		50	10		12/30/99 18:55	HW	145182
Surr: 1,2-Dichloroethane-d4	110	%	80-120	10		12/30/99 18:55	HW	145182
Surr: 4-Bromofluorobenzene	100	%	86-115	10		12/30/99 18:55	HW	145182
Surr: Toluene-d8	110	%	88-110	10		12/30/99 18:55	HW	145182

Qualifiers:

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

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Client Sample ID: MW-5S **Collected:** 12/22/99 11:55:0 **SPL Sample ID:** 99120638-02

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50		1		12/29/99 22:56	WR	142267
Surr: 1,4-Difluorobenzene	95	%	62-144		1		12/29/99 22:56	WR	142267
Surr: 4-Bromofluorobenzene	99	%	44-153		1		12/29/99 22:56	WR	142267
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	ND		1		1		12/29/99 22:56	WR	142152
Ethylbenzene	ND		1		1		12/29/99 22:56	WR	142152
Toluene	ND		1		1		12/29/99 22:56	WR	142152
m,p-Xylene	ND		1		1		12/29/99 22:56	WR	142152
o-Xylene	ND		1		1		12/29/99 22:56	WR	142152
Xylenes,Total	ND		1		1		12/29/99 22:56	WR	142152
Surr: 1,4-Difluorobenzene	89	%	72-137		1		12/29/99 22:56	WR	142152
Surr: 4-Bromofluorobenzene	100	%	48-156		1		12/29/99 22:56	WR	142152
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5		1		12/30/99 15:11	HW	145174
Surr: 1,2-Dichloroethane-d4	100	%	80-120		1		12/30/99 15:11	HW	145174
Surr: 4-Bromofluorobenzene	96	%	86-115		1		12/30/99 15:11	HW	145174
Surr: Toluene-d8	110	%	88-110		1		12/30/99 15:11	HW	145174

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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Client Sample ID: MW-5D **Collected:** 12/22/99 11:40:0 **SPL Sample ID:** 99120638-03

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50		1		12/29/99 23:20	WR	142268
Surr: 1,4-Difluorobenzene	96	%	62-144		1		12/29/99 23:20	WR	142268
Surr: 4-Bromofluorobenzene	100	%	44-153		1		12/29/99 23:20	WR	142268
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	ND		1		1		12/29/99 23:20	WR	142153
Ethylbenzene	ND		1		1		12/29/99 23:20	WR	142153
Toluene	ND		1		1		12/29/99 23:20	WR	142153
m,p-Xylene	ND		1		1		12/29/99 23:20	WR	142153
o-Xylene	ND		1		1		12/29/99 23:20	WR	142153
Xylenes,Total	ND		1		1		12/29/99 23:20	WR	142153
Surr: 1,4-Difluorobenzene	90	%	72-137		1		12/29/99 23:20	WR	142153
Surr: 4-Bromofluorobenzene	100	%	48-156		1		12/29/99 23:20	WR	142153
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5		1		12/30/99 15:36	HW	145175
Surr: 1,2-Dichloroethane-d4	100	%	80-120		1		12/30/99 15:36	HW	145175
Surr: 4-Bromofluorobenzene	100	%	86-115		1		12/30/99 15:36	HW	145175
Surr: Toluene-d8	110	%	88-110		1		12/30/99 15:36	HW	145175

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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Client Sample ID: MW-7 **Collected:** 12/22/99 2:55:00 **SPL Sample ID:** 99120638-04

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50		1		12/29/99 23:44	WR	142269
Surr: 1,4-Difluorobenzene	96	%	62-144		1		12/29/99 23:44	WR	142269
Surr: 4-Bromofluorobenzene	99	%	44-153		1		12/29/99 23:44	WR	142269
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	ND		1		1		12/29/99 23:44	WR	142154
Ethylbenzene	ND		1		1		12/29/99 23:44	WR	142154
Toluene	ND		1		1		12/29/99 23:44	WR	142154
m,p-Xylene	ND		1		1		12/29/99 23:44	WR	142154
o-Xylene	ND		1		1		12/29/99 23:44	WR	142154
Xylenes,Total	ND		1		1		12/29/99 23:44	WR	142154
Surr: 1,4-Difluorobenzene	89	%	72-137		1		12/29/99 23:44	WR	142154
Surr: 4-Bromofluorobenzene	100	%	48-156		1		12/29/99 23:44	WR	142154
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5		1		12/30/99 16:01	HW	145176
Surr: 1,2-Dichloroethane-d4	88	%	80-120		1		12/30/99 16:01	HW	145176
Surr: 4-Bromofluorobenzene	100	%	86-115		1		12/30/99 16:01	HW	145176
Surr: Toluene-d8	110	%	88-110		1		12/30/99 16:01	HW	145176

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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Client Sample ID: MW-8 **Collected:** 12/22/99 12:50:0 **SPL Sample ID:** 99120638-05

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50		1		12/30/99 0:08	WR	142270
Surr: 1,4-Difluorobenzene	96	%	62-144		1		12/30/99 0:08	WR	142270
Surr: 4-Bromofluorobenzene	99	%	44-153		1		12/30/99 0:08	WR	142270
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	ND		1		1		12/30/99 0:08	WR	142155
Ethylbenzene	ND		1		1		12/30/99 0:08	WR	142155
Toluene	ND		1		1		12/30/99 0:08	WR	142155
m,p-Xylene	ND		1		1		12/30/99 0:08	WR	142155
o-Xylene	ND		1		1		12/30/99 0:08	WR	142155
Xylenes,Total	ND		1		1		12/30/99 0:08	WR	142155
Surr: 1,4-Difluorobenzene	89	%	72-137		1		12/30/99 0:08	WR	142155
Surr: 4-Bromofluorobenzene	100	%	48-156		1		12/30/99 0:08	WR	142155
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5		1		12/30/99 16:26	HW	145177
Surr: 1,2-Dichloroethane-d4	90	%	80-120		1		12/30/99 16:26	HW	145177
Surr: 4-Bromofluorobenzene	96	%	86-115		1		12/30/99 16:26	HW	145177
Surr: Toluene-d8	110	%	88-110		1		12/30/99 16:26	HW	145177

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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J - Estimated Value between MDL and PQL
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D - Surrogate Recovery Unreportable due to Dilution

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Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	7300		250		5		12/30/99 0:31	WR	142271
Surr: 1,4-Difluorobenzene	100	%	62-144		5		12/30/99 0:31	WR	142271
Surr: 4-Bromofluorobenzene	100	%	44-153		5		12/30/99 0:31	WR	142271
MERCURY, DISSOLVED				MCL	SW7470A		Units: mg/L		
Mercury	ND		0.0002		1		01/11/00 16:13	AG	152148

Run ID/Seq #: HGL_000111B-152148

Prep Method	Prep Date	Prep Initials
SW7470A	01/11/2000 11:30	AG

METALS BY METHOD 6010B, DISSOLVED			MCL	SW6010B	Units: mg/L		
Antimony	0.0538	0.005		1	01/10/00 13:42	EG	150107
Arsenic	0.314	0.005		1	01/10/00 13:42	EG	150107
Lead	ND	0.005		1	01/10/00 13:42	EG	150107
Selenium	0.0118	0.005		1	01/10/00 13:42	EG	150107
Thallium	ND	0.005		1	01/10/00 13:42	EG	150107
Barium	1.1	0.005		1	01/07/00 10:57	PB	149113
Beryllium	ND	0.003		1	01/07/00 10:57	PB	149113
Cadmium	ND	0.005		1	01/07/00 10:57	PB	149113
Chromium	ND	0.01		1	01/07/00 10:57	PB	149113
Cobalt	ND	0.01		1	01/07/00 10:57	PB	149113
Copper	ND	0.01		1	01/07/00 10:57	PB	149113
Molybdenum	ND	0.02		1	01/07/00 10:57	PB	149113
Nickel	ND	0.02		1	01/07/00 10:57	PB	149113
Silver	ND	0.01		1	01/07/00 10:57	PB	149113
Vanadium	ND	0.005		1	01/07/00 10:57	PB	149113
Zinc	0.268	0.02		1	01/07/00 10:57	PB	149113

Run ID/Seq #: TJA_000107A-149113

Prep Method	Prep Date	Prep Initials
SW3005	01/06/2000 15:15	AA

Run ID/Seq #: TJAT_000110A-150107

Prep Method	Prep Date	Prep Initials
SW3005	01/06/2000 15:15	AA

Qualifiers:

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

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

Client Sample ID: MW-9 Collected: 12/22/99 1:55:00 SPL Sample ID: 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	860		5		5		12/30/99 0:31	WR	142156
Ethylbenzene	ND		5		5		12/30/99 0:31	WR	142156
Toluene	380		5		5		12/30/99 0:31	WR	142156
m,p-Xylene	1300		5		5		12/30/99 0:31	WR	142156
o-Xylene	890		5		5		12/30/99 0:31	WR	142156
Xylenes,Total	2190		5		5		12/30/99 0:31	WR	142156
Surr: 1,4-Difluorobenzene	120	%	72-137		5		12/30/99 0:31	WR	142156
Surr: 4-Bromofluorobenzene	110	%	48-156		5		12/30/99 0:31	WR	142156
SEMIVOLATILE HYDROCARBONS				MCL	SW8015B		Units: mg/L		
Ethylene Glycol	ND		10		2		01/10/00 14:56	DR	150467
Surr: Triethylene Glycol	100	%	50-150		2		01/10/00 14:56	DR	150467

Qualifiers:

ND/U - Not Detected at the Reporting Limit
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D - Surrogate Recovery Unreportable due to Dilution

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8880 INTERCHANGE DRIVE
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Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C		**MCL**	**SW8270C**		**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5	1		12/30/99 12:00	P_C	144537
1,2-Dichlorobenzene	ND	5	1		12/30/99 12:00	P_C	144537
1,2-Diphenylhydrazine	ND	5	1		12/30/99 12:00	P_C	144537
1,3-Dichlorobenzene	ND	5	1		12/30/99 12:00	P_C	144537
1,4-Dichlorobenzene	ND	5	1		12/30/99 12:00	P_C	144537
2,4,5-Trichlorophenol	ND	10	1		12/30/99 12:00	P_C	144537
2,4,6-Trichlorophenol	ND	5	1		12/30/99 12:00	P_C	144537
2,4-Dichlorophenol	ND	5	1		12/30/99 12:00	P_C	144537
2,4-Dimethylphenol	190	25	5		01/03/00 11:08	P_C	144566
2,4-Dinitrophenol	ND	25	1		12/30/99 12:00	P_C	144537
2,4-Dinitrotoluene	ND	5	1		12/30/99 12:00	P_C	144537
2,6-Dinitrotoluene	ND	5	1		12/30/99 12:00	P_C	144537
2-Chloronaphthalene	ND	5	1		12/30/99 12:00	P_C	144537
2-Chlorophenol	ND	5	1		12/30/99 12:00	P_C	144537
2-Methylnaphthalene	ND	5	1		12/30/99 12:00	P_C	144537
2-Methylphenol	11	5	1		12/30/99 12:00	P_C	144537
2-Nitroaniline	ND	25	1		12/30/99 12:00	P_C	144537
2-Nitrophenol	ND	5	1		12/30/99 12:00	P_C	144537
3 & 4-Methylphenol	ND	5	1		12/30/99 12:00	P_C	144537
3,3'-Dichlorobenzidine	ND	10	1		12/30/99 12:00	P_C	144537
3-Nitroaniline	ND	25	1		12/30/99 12:00	P_C	144537
4,6-Dinitro-2-methylphenol	ND	25	1		12/30/99 12:00	P_C	144537
4-Bromophenyl phenyl ether	ND	5	1		12/30/99 12:00	P_C	144537
4-Chloro-3-methylphenol	ND	5	1		12/30/99 12:00	P_C	144537
4-Chloroaniline	ND	5	1		12/30/99 12:00	P_C	144537
4-Chlorophenyl phenyl ether	ND	5	1		12/30/99 12:00	P_C	144537
4-Nitroaniline	ND	25	1		12/30/99 12:00	P_C	144537
4-Nitrophenol	ND	25	1		12/30/99 12:00	P_C	144537
Acenaphthene	ND	5	1		12/30/99 12:00	P_C	144537
Acenaphthylene	ND	5	1		12/30/99 12:00	P_C	144537
Aniline	ND	5	1		12/30/99 12:00	P_C	144537
Anthracene	ND	5	1		12/30/99 12:00	P_C	144537
Benz(a)anthracene	ND	5	1		12/30/99 12:00	P_C	144537
Benzo(a)pyrene	ND	5	1		12/30/99 12:00	P_C	144537
Benzo(b)fluoranthene	ND	5	1		12/30/99 12:00	P_C	144537
Benzo(g,h,i)perylene	ND	5	1		12/30/99 12:00	P_C	144537
Benzo(k)fluoranthene	ND	5	1		12/30/99 12:00	P_C	144537
Benzoic acid	ND	25	1		12/30/99 12:00	P_C	144537
Benzyl alcohol	ND	5	1		12/30/99 12:00	P_C	144537

Qualifiers:

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J - Estimated Value between MDL and PQL
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Bis(2-chloroethoxy)methane	ND		5	1		12/30/99 12:00	P_C	144537
Bis(2-chloroethyl)ether	ND		5	1		12/30/99 12:00	P_C	144537
Bis(2-chloroisopropyl)ether	ND		5	1		12/30/99 12:00	P_C	144537
Bis(2-ethylhexyl)phthalate	44		5	1		12/30/99 12:00	P_C	144537
Butyl benzyl phthalate	ND		5	1		12/30/99 12:00	P_C	144537
Carbazole	ND		5	1		12/30/99 12:00	P_C	144537
Chrysene	ND		5	1		12/30/99 12:00	P_C	144537
Di-n-butyl phthalate	ND		5	1		12/30/99 12:00	P_C	144537
Di-n-octyl phthalate	ND		5	1		12/30/99 12:00	P_C	144537
Dibenz(a,h)anthracene	ND		5	1		12/30/99 12:00	P_C	144537
Dibenzofuran	ND		5	1		12/30/99 12:00	P_C	144537
Diethyl phthalate	ND		5	1		12/30/99 12:00	P_C	144537
Dimethyl phthalate	ND		5	1		12/30/99 12:00	P_C	144537
Fluoranthene	ND		5	1		12/30/99 12:00	P_C	144537
Fluorene	ND		5	1		12/30/99 12:00	P_C	144537
Hexachlorobenzene	ND		5	1		12/30/99 12:00	P_C	144537
Hexachlorobutadiene	ND		5	1		12/30/99 12:00	P_C	144537
Hexachlorocyclopentadiene	ND		5	1		12/30/99 12:00	P_C	144537
Hexachloroethane	ND		5	1		12/30/99 12:00	P_C	144537
Indeno(1,2,3-cd)pyrene	ND		5	1		12/30/99 12:00	P_C	144537
Isophorone	ND		5	1		12/30/99 12:00	P_C	144537
N-Nitrosodi-n-propylamine	ND		5	1		12/30/99 12:00	P_C	144537
N-Nitrosodiphenylamine	ND		5	1		12/30/99 12:00	P_C	144537
Naphthalene	ND		5	1		12/30/99 12:00	P_C	144537
Nitrobenzene	ND		5	1		12/30/99 12:00	P_C	144537
Pentachlorophenol	ND		25	1		12/30/99 12:00	P_C	144537
Phenanthrene	ND		5	1		12/30/99 12:00	P_C	144537
Phenol	23		5	1		12/30/99 12:00	P_C	144537
Pyrene	ND		5	1		12/30/99 12:00	P_C	144537
Pyridine	ND		5	1		12/30/99 12:00	P_C	144537
Surr: 2,4,6-Tribromophenol	96	%	10-123	1		12/30/99 12:00	P_C	144537
Surr: 2,4,6-Tribromophenol	76	%	10-123	5		01/03/00 11:08	P_C	144566
Surr: 2-Fluorobiphenyl	70	%	43-116	5		01/03/00 11:08	P_C	144566
Surr: 2-Fluorobiphenyl	74	%	43-116	1		12/30/99 12:00	P_C	144537
Surr: 2-Fluorophenol	35	%	21-110	1		12/30/99 12:00	P_C	144537
Surr: 2-Fluorophenol	31	%	21-110	5		01/03/00 11:08	P_C	144566
Surr: Nitrobenzene-d5	66	%	35-114	1		12/30/99 12:00	P_C	144537
Surr: Nitrobenzene-d5	52	%	35-114	5		01/03/00 11:08	P_C	144566
Surr: Phenol-d5	21	%	10-110	1		12/30/99 12:00	P_C	144537
Surr: Phenol-d5	17	%	10-110	5		01/03/00 11:08	P_C	144566

Qualifiers:

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

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

Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Surr: Terphenyl-d14	76	%	33-141	5		01/03/00 11:08	P_C	144566
Surr: Terphenyl-d14	80	%	33-141	1		12/30/99 12:00	P_C	144537

Run ID/Seq #: H_991230A-144537

Prep Method	Prep Date	Prep Initials
SW3510B	12/29/1999 10:18	WV

Run ID/Seq #: H_000103A-144566

Prep Method	Prep Date	Prep Initials
SW3510B	12/29/1999 10:18	WV

SIMULATED DISTILLATION			MCL	SW8015B	Units: mg/L		
C10-C11	0.45	0.10		1	01/05/00 14:42	RR	146324
C12-C13	0.33	0.10		1	01/05/00 14:42	RR	146324
C14-C15	ND	0.10		1	01/05/00 14:42	RR	146324
C16-C17	ND	0.10		1	01/05/00 14:42	RR	146324
C18-C19	ND	0.10		1	01/05/00 14:42	RR	146324
C20-C23	ND	0.10		1	01/05/00 14:42	RR	146324
C24-C27	ND	0.10		1	01/05/00 14:42	RR	146324
C28-C31	ND	0.10		1	01/05/00 14:42	RR	146324
C32-C35	ND	0.10		1	01/05/00 14:42	RR	146324
C36-C39	ND	0.10		1	01/05/00 14:42	RR	146324
C40-C43	ND	0.10		1	01/05/00 14:42	RR	146324
TOTAL	0.86	0.10		1	01/05/00 14:42	RR	146324

Run ID/Seq #: HP_V_000105C-146324

Prep Method	Prep Date	Prep Initials
SW3510B	01/03/2000 12:10	KL

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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

Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
VOLATILE ORGANICS METHOD 8260B		**MCL**	**SW8260B**		**Units: ug/L**		
1,1,1,2-Tetrachloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,1,1-Trichloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,1,2,2-Tetrachloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,1,2-Trichloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,1-Dichloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,1-Dichloroethene	ND	5	1		12/30/99 16:51	HW	145178
1,1-Dichloropropene	ND	5	1		12/30/99 16:51	HW	145178
1,2,3-Trichlorobenzene	ND	5	1		12/30/99 16:51	HW	145178
1,2,3-Trichloropropane	ND	5	1		12/30/99 16:51	HW	145178
1,2,4-Trichlorobenzene	ND	5	1		12/30/99 16:51	HW	145178
1,2,4-Trimethylbenzene	110	5	1		12/30/99 16:51	HW	145178
1,2-Dibromo-3-chloropropane	ND	5	1		12/30/99 16:51	HW	145178
1,2-Dibromoethane	ND	5	1		12/30/99 16:51	HW	145178
1,2-Dichlorobenzene	ND	5	1		12/30/99 16:51	HW	145178
1,2-Dichloroethane	ND	5	1		12/30/99 16:51	HW	145178
1,2-Dichloropropane	ND	5	1		12/30/99 16:51	HW	145178
1,3,5-Trimethylbenzene	42	5	1		12/30/99 16:51	HW	145178
1,3-Dichlorobenzene	ND	5	1		12/30/99 16:51	HW	145178
1,3-Dichloropropane	ND	5	1		12/30/99 16:51	HW	145178
1,4-Dichlorobenzene	ND	5	1		12/30/99 16:51	HW	145178
2,2-Dichloropropane	ND	5	1		12/30/99 16:51	HW	145178
2-Butanone	ND	20	1		12/30/99 16:51	HW	145178
2-Chloroethyl vinyl ether	ND	10	1		12/30/99 16:51	HW	145178
2-Chlorotoluene	ND	5	1		12/30/99 16:51	HW	145178
2-Hexanone	ND	10	1		12/30/99 16:51	HW	145178
4-Chlorotoluene	ND	5	1		12/30/99 16:51	HW	145178
4-Isopropyltoluene	ND	5	1		12/30/99 16:51	HW	145178
4-Methyl-2-pentanone	ND	10	1		12/30/99 16:51	HW	145178
Acetone	ND	100	1		12/30/99 16:51	HW	145178
Acrylonitrile	ND	50	1		12/30/99 16:51	HW	145178
Benzene	870	120	25		12/31/99 0:22	HW	145197
Bromobenzene	ND	5	1		12/30/99 16:51	HW	145178
Bromochloromethane	ND	5	1		12/30/99 16:51	HW	145178
Bromodichloromethane	ND	5	1		12/30/99 16:51	HW	145178
Bromoform	ND	5	1		12/30/99 16:51	HW	145178
Bromomethane	ND	10	1		12/30/99 16:51	HW	145178
Carbon disulfide	ND	5	1		12/30/99 16:51	HW	145178
Carbon tetrachloride	ND	5	1		12/30/99 16:51	HW	145178
Chlorobenzene	ND	5	1		12/30/99 16:51	HW	145178

Qualifiers:

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J - Estimated Value between MDL and PQL
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Client Sample ID: MW-9 **Collected:** 12/22/99 1:55:00 **SPL Sample ID:** 99120638-06

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Chloroethane	ND		10	1		12/30/99 16:51	HW	145178
Chloroform	ND		5	1		12/30/99 16:51	HW	145178
Chloromethane	ND		10	1		12/30/99 16:51	HW	145178
cis-1,3-Dichloropropene	ND		5	1		12/30/99 16:51	HW	145178
Dibromochloromethane	ND		5	1		12/30/99 16:51	HW	145178
Dibromomethane	ND		5	1		12/30/99 16:51	HW	145178
Dichlorodifluoromethane	ND		10	1		12/30/99 16:51	HW	145178
Ethylbenzene	ND		5	1		12/30/99 16:51	HW	145178
Hexachlorobutadiene	ND		5	1		12/30/99 16:51	HW	145178
Isopropylbenzene	ND		5	1		12/30/99 16:51	HW	145178
Methyl tert-butyl ether	4300		120	25		12/31/99 0:22	HW	145197
Methylene chloride	ND		5	1		12/30/99 16:51	HW	145178
n-Butylbenzene	ND		5	1		12/30/99 16:51	HW	145178
n-Propylbenzene	ND		5	1		12/30/99 16:51	HW	145178
Naphthalene	8		5	1		12/30/99 16:51	HW	145178
sec-Butylbenzene	ND		5	1		12/30/99 16:51	HW	145178
Styrene	ND		5	1		12/30/99 16:51	HW	145178
tert-Butylbenzene	ND		5	1		12/30/99 16:51	HW	145178
Tetrachloroethene	ND		5	1		12/30/99 16:51	HW	145178
Toluene	380		120	25		12/31/99 0:22	HW	145197
trans-1,3-Dichloropropene	ND		5	1		12/30/99 16:51	HW	145178
Trichloroethene	ND		5	1		12/30/99 16:51	HW	145178
Trichlorofluoromethane	ND		5	1		12/30/99 16:51	HW	145178
Vinyl acetate	ND		10	1		12/30/99 16:51	HW	145178
Vinyl chloride	ND		10	1		12/30/99 16:51	HW	145178
cis-1,2-Dichloroethene	ND		5	1		12/30/99 16:51	HW	145178
m,p-Xylene	1300		120	25		12/31/99 0:22	HW	145197
o-Xylene	870		120	25		12/31/99 0:22	HW	145197
trans-1,2-Dichloroethene	ND		5	1		12/30/99 16:51	HW	145178
1,2-Dichloroethene (total)	ND		5	1		12/30/99 16:51	HW	145178
Xylenes,Total	2170		120	25		12/31/99 0:22	HW	145197
Surr: 1,2-Dichloroethane-d4	100	%	80-120	1		12/30/99 16:51	HW	145178
Surr: 1,2-Dichloroethane-d4	88	%	80-120	25		12/31/99 0:22	HW	145197
Surr: 4-Bromofluorobenzene	100	%	86-115	1		12/30/99 16:51	HW	145178
Surr: 4-Bromofluorobenzene	96	%	86-115	25		12/31/99 0:22	HW	145197
Surr: Toluene-d8	100	%	88-110	25		12/31/99 0:22	HW	145197
Surr: Toluene-d8	110	%	88-110	1		12/30/99 16:51	HW	145178

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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

Client Sample ID: MW-10 **Collected:** 12/22/99 2:32:00 **SPL Sample ID:** 99120638-07

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit		Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS				MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	140		50		1		12/30/99 0:55	WR	142272
Surr: 1,4-Difluorobenzene	97	%	62-144		1		12/30/99 0:55	WR	142272
Surr: 4-Bromofluorobenzene	130	%	44-153		1		12/30/99 0:55	WR	142272
PURGEABLE AROMATICS				MCL	SW8021B		Units: ug/L		
Benzene	9.5		1		1		12/30/99 0:55	WR	142157
Ethylbenzene	3.9		1		1		12/30/99 0:55	WR	142157
Toluene	5.3		1		1		12/30/99 0:55	WR	142157
m,p-Xylene	18		1		1		12/30/99 0:55	WR	142157
o-Xylene	7.1		1		1		12/30/99 0:55	WR	142157
Xylenes,Total	25.1		1		1		12/30/99 0:55	WR	142157
Surr: 1,4-Difluorobenzene	90	%	72-137		1		12/30/99 0:55	WR	142157
Surr: 4-Bromofluorobenzene	110	%	48-156		1		12/30/99 0:55	WR	142157
VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5		1		12/30/99 17:16	HW	145179
Surr: 1,2-Dichloroethane-d4	100	%	80-120		1		12/30/99 17:16	HW	145179
Surr: 4-Bromofluorobenzene	98	%	86-115		1		12/30/99 17:16	HW	145179
Surr: Toluene-d8	110	%	88-110		1		12/30/99 17:16	HW	145179

Qualifiers:

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

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

Client Sample ID: MW-11 **Collected:** 12/22/99 2:57:00 **SPL Sample ID:** 99120638-08

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50	1		12/30/99 1:19	WR	142273
Surr: 1,4-Difluorobenzene	96	%	62-144	1		12/30/99 1:19	WR	142273
Surr: 4-Bromofluorobenzene	100	%	44-153	1		12/30/99 1:19	WR	142273
PURGEABLE AROMATICS			MCL	SW8021B		Units: ug/L		
Benzene	ND		1	1		12/30/99 1:19	WR	142220
Ethylbenzene	ND		1	1		12/30/99 1:19	WR	142220
Toluene	ND		1	1		12/30/99 1:19	WR	142220
m,p-Xylene	ND		1	1		12/30/99 1:19	WR	142220
o-Xylene	ND		1	1		12/30/99 1:19	WR	142220
Xylenes,Total	ND		1	1		12/30/99 1:19	WR	142220
Surr: 1,4-Difluorobenzene	90	%	72-137	1		12/30/99 1:19	WR	142220
Surr: 4-Bromofluorobenzene	100	%	48-156	1		12/30/99 1:19	WR	142220
VOLATILE ORGANICS METHOD 8260B			MCL	SW8260B		Units: ug/L		
Methyl tert-butyl ether	ND		5	1		12/30/99 17:42	HW	145180
Surr: 1,2-Dichloroethane-d4	110	%	80-120	1		12/30/99 17:42	HW	145180
Surr: 4-Bromofluorobenzene	96	%	86-115	1		12/30/99 17:42	HW	145180
Surr: Toluene-d8	110	%	88-110	1		12/30/99 17:42	HW	145180

Qualifiers:

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

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

Client Sample ID: VR1 **Collected:** 12/22/99 3:25:00 **SPL Sample ID:** 99120638-09

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			MCL	CA_GRO		Units: ug/L		
Gasoline Range Organics	ND		50	1		12/30/99 1:43	WR	142274
Surr: 1,4-Difluorobenzene	97	%	62-144	1		12/30/99 1:43	WR	142274
Surr: 4-Bromofluorobenzene	100	%	44-153	1		12/30/99 1:43	WR	142274
PURGEABLE AROMATICS			MCL	SW8021B		Units: ug/L		
Benzene	ND		1	1		12/30/99 1:43	WR	142160
Ethylbenzene	ND		1	1		12/30/99 1:43	WR	142160
Toluene	ND		1	1		12/30/99 1:43	WR	142160
m,p-Xylene	ND		1	1		12/30/99 1:43	WR	142160
o-Xylene	ND		1	1		12/30/99 1:43	WR	142160
Xylenes,Total	ND		1	1		12/30/99 1:43	WR	142160
Surr: 1,4-Difluorobenzene	89	%	72-137	1		12/30/99 1:43	WR	142160
Surr: 4-Bromofluorobenzene	100	%	48-156	1		12/30/99 1:43	WR	142160
SEMIVOLATILE HYDROCARBONS			MCL	SW8015B		Units: mg/L		
Ethylene Glycol	ND		10	2		01/10/00 14:36	DR	150466
Surr: Triethylene Glycol	79	%	50-150	2		01/10/00 14:36	DR	150466

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
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J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution

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

Client Sample ID: VR1 **Collected:** 12/22/99 3:25:00 **SPL Sample ID:** 99120638-09

Site: 7-3399,19900912

Analyses/Method	Result	Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SEMIVOLATILE ORGANICS BY METHOD 8270C		**MCL**	**SW8270C**		**Units: ug/L**		
1,2,4-Trichlorobenzene	ND	5	1		12/30/99 10:56	P_C	144535
1,2-Dichlorobenzene	ND	5	1		12/30/99 10:56	P_C	144535
1,2-Diphenylhydrazine	ND	5	1		12/30/99 10:56	P_C	144535
1,3-Dichlorobenzene	ND	5	1		12/30/99 10:56	P_C	144535
1,4-Dichlorobenzene	ND	5	1		12/30/99 10:56	P_C	144535
2,4,5-Trichlorophenol	ND	10	1		12/30/99 10:56	P_C	144535
2,4,6-Trichlorophenol	ND	5	1		12/30/99 10:56	P_C	144535
2,4-Dichlorophenol	ND	5	1		12/30/99 10:56	P_C	144535
2,4-Dimethylphenol	ND	5	1		12/30/99 10:56	P_C	144535
2,4-Dinitrophenol	ND	25	1		12/30/99 10:56	P_C	144535
2,4-Dinitrotoluene	ND	5	1		12/30/99 10:56	P_C	144535
2,6-Dinitrotoluene	ND	5	1		12/30/99 10:56	P_C	144535
2-Chloronaphthalene	ND	5	1		12/30/99 10:56	P_C	144535
2-Chlorophenol	ND	5	1		12/30/99 10:56	P_C	144535
2-Methylnaphthalene	ND	5	1		12/30/99 10:56	P_C	144535
2-Methylphenol	ND	5	1		12/30/99 10:56	P_C	144535
2-Nitroaniline	ND	25	1		12/30/99 10:56	P_C	144535
2-Nitrophenol	ND	5	1		12/30/99 10:56	P_C	144535
3 & 4-Methylphenol	ND	5	1		12/30/99 10:56	P_C	144535
3,3'-Dichlorobenzidine	ND	10	1		12/30/99 10:56	P_C	144535
3-Nitroaniline	ND	25	1		12/30/99 10:56	P_C	144535
4,6-Dinitro-2-methylphenol	ND	25	1		12/30/99 10:56	P_C	144535
4-Bromophenyl phenyl ether	ND	5	1		12/30/99 10:56	P_C	144535
4-Chloro-3-methylphenol	ND	5	1		12/30/99 10:56	P_C	144535
4-Chloroaniline	ND	5	1		12/30/99 10:56	P_C	144535
4-Chlorophenyl phenyl ether	ND	5	1		12/30/99 10:56	P_C	144535
4-Nitroaniline	ND	25	1		12/30/99 10:56	P_C	144535
4-Nitrophenol	ND	25	1		12/30/99 10:56	P_C	144535
Acenaphthene	ND	5	1		12/30/99 10:56	P_C	144535
Acenaphthylene	ND	5	1		12/30/99 10:56	P_C	144535
Aniline	ND	5	1		12/30/99 10:56	P_C	144535
Anthracene	ND	5	1		12/30/99 10:56	P_C	144535
Benz(a)anthracene	ND	5	1		12/30/99 10:56	P_C	144535
Benzo(a)pyrene	ND	5	1		12/30/99 10:56	P_C	144535
Benzo(b)fluoranthene	ND	5	1		12/30/99 10:56	P_C	144535
Benzo(g,h,i)perylene	ND	5	1		12/30/99 10:56	P_C	144535
Benzo(k)fluoranthene	ND	5	1		12/30/99 10:56	P_C	144535
Benzoic acid	ND	25	1		12/30/99 10:56	P_C	144535
Benzyl alcohol	ND	5	1		12/30/99 10:56	P_C	144535

Qualifiers:

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

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

Client Sample ID: VR1 **Collected:** 12/22/99 3:25:00 **SPL Sample ID:** 99120638-09

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
Bis(2-chloroethoxy)methane	ND		5	1		12/30/99 10:56	P_C	144535
Bis(2-chloroethyl)ether	ND		5	1		12/30/99 10:56	P_C	144535
Bis(2-chloroisopropyl)ether	ND		5	1		12/30/99 10:56	P_C	144535
Bis(2-ethylhexyl)phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Butyl benzyl phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Carbazole	ND		5	1		12/30/99 10:56	P_C	144535
Chrysene	ND		5	1		12/30/99 10:56	P_C	144535
Di-n-butyl phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Di-n-octyl phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Dibenz(a,h)anthracene	ND		5	1		12/30/99 10:56	P_C	144535
Dibenzofuran	ND		5	1		12/30/99 10:56	P_C	144535
Diethyl phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Dimethyl phthalate	ND		5	1		12/30/99 10:56	P_C	144535
Fluoranthene	ND		5	1		12/30/99 10:56	P_C	144535
Fluorene	ND		5	1		12/30/99 10:56	P_C	144535
Hexachlorobenzene	ND		5	1		12/30/99 10:56	P_C	144535
Hexachlorobutadiene	ND		5	1		12/30/99 10:56	P_C	144535
Hexachlorocyclopentadiene	ND		5	1		12/30/99 10:56	P_C	144535
Hexachloroethane	ND		5	1		12/30/99 10:56	P_C	144535
Indeno(1,2,3-cd)pyrene	ND		5	1		12/30/99 10:56	P_C	144535
Isophorone	ND		5	1		12/30/99 10:56	P_C	144535
N-Nitrosodi-n-propylamine	ND		5	1		12/30/99 10:56	P_C	144535
N-Nitrosodiphenylamine	ND		5	1		12/30/99 10:56	P_C	144535
Naphthalene	ND		5	1		12/30/99 10:56	P_C	144535
Nitrobenzene	ND		5	1		12/30/99 10:56	P_C	144535
Pentachlorophenol	ND		25	1		12/30/99 10:56	P_C	144535
Phenanthrene	ND		5	1		12/30/99 10:56	P_C	144535
Phenol	ND		5	1		12/30/99 10:56	P_C	144535
Pyrene	ND		5	1		12/30/99 10:56	P_C	144535
Pyridine	ND		5	1		12/30/99 10:56	P_C	144535
Surr: 2,4,6-Tribromophenol	91	%	10-123	1		12/30/99 10:56	P_C	144535
Surr: 2-Fluorobiphenyl	80	%	43-116	1		12/30/99 10:56	P_C	144535
Surr: 2-Fluorophenol	35	%	21-110	1		12/30/99 10:56	P_C	144535
Surr: Nitrobenzene-d5	74	%	35-114	1		12/30/99 10:56	P_C	144535
Surr: Phenol-d5	21	%	10-110	1		12/30/99 10:56	P_C	144535
Surr: Terphenyl-d14	78	%	33-141	1		12/30/99 10:56	P_C	144535

Run ID/Seq #: H_991230A-144535

Prep Method	Prep Date	Prep Initials
SW3510B	12/29/1999 10:18	WV

Qualifiers:

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

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

Client Sample ID: VR1 **Collected:** 12/22/99 3:25:00 **SPL Sample ID:** 99120638-09

Site: 7-3399,19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
SIMULATED DISTILLATION			MCL	SW8015B		Units: mg/L		
C10-C11	ND		0.10	1		01/05/00 15:20	RR	146325
C12-C13	ND		0.10	1		01/05/00 15:20	RR	146325
C14-C15	ND		0.10	1		01/05/00 15:20	RR	146325
C16-C17	ND		0.10	1		01/05/00 15:20	RR	146325
C18-C19	ND		0.10	1		01/05/00 15:20	RR	146325
C20-C23	ND		0.10	1		01/05/00 15:20	RR	146325
C24-C27	ND		0.10	1		01/05/00 15:20	RR	146325
C28-C31	ND		0.10	1		01/05/00 15:20	RR	146325
C32-C35	ND		0.10	1		01/05/00 15:20	RR	146325
C36-C39	ND		0.10	1		01/05/00 15:20	RR	146325
C40-C43	ND		0.10	1		01/05/00 15:20	RR	146325
TOTAL	ND		0.10	1		01/05/00 15:20	RR	146325

Run ID/Seq #: HP_V_000105C-146325

Prep Method	Prep Date	Prep Initials
SW3510B	01/03/2000 12:10	KL

VOLATILE ORGANICS METHOD 8260B				MCL	SW8260B			
						Units: ug/L		
Methyl tert-butyl ether	10		5		1	12/30/99 18:07	HW	145181
Surr: 1,2-Dichloroethane-d4	88	%	80-120		1	12/30/99 18:07	HW	145181
Surr: 4-Bromofluorobenzene	96	%	86-115		1	12/30/99 18:07	HW	145181
Surr: Toluene-d8	110	%	88-110		1	12/30/99 18:07	HW	145181

Qualifiers:

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

Quality Control Documentation

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

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Simulated Distillation
Method: SW8015B

WorkOrder: 99120638
Lab Batch ID: 2344

Method Blank

RunID: HP_V_000105C-146322 Units: %
Analysis Date: 01/05/2000 13:25 Analyst: RR
Preparation Date: 01/03/2000 12:10 Prep By: KL Method: SW3510B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06C	MW-9
99120638-09C	VR1

Analyte	Result	Rep Limit
TOTAL	ND	0.10

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_V_000105C-146323 Units: %
Analysis Date: 01/05/2000 14:04 Analyst: RR
Preparation Date: 01/03/2000 12:10 Prep By: KL Method: SW3510B

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
TOTAL	2.5	2.6	106	2.5	2.2	90	16.4	20	50	150

Qualifiers:

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Semivolatile Hydrocarbons
Method: SW8015B

WorkOrder: 99120638
Lab Batch ID: R7209

Method Blank

RunID: VARC_000110A-150472 Units: mg/L
Analysis Date: 01/10/2000 16:39 Analyst: DR

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06F	MW-9
99120638-09E	VR1

Analyte	Result	Rep Limit
Ethylene Glycol	ND	5.0
Surr: Triethylene Glycol	82.1	50-150

Laboratory Control Sample (LCS)

RunID: VARC_000110A-150463 Units: mg/L
Analysis Date: 01/10/2000 11:44 Analyst: DR

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Ethylene Glycol	400	460	114	50	150

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

Sample Spiked: 99120638-09
RunID: VARC_000110A-150464 Units: mg/L
Analysis Date: 01/10/2000 12:07 Analyst: DR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
ylene Glycol	ND	400	420	104	400	420	106	1.91	20	50	150

Qualifiers:

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 99120638
Lab Batch ID: R6749

Method Blank

RunID: HP_N_991229B-142137 Units: ug/L
Analysis Date: 12/29/1999 12:00 Analyst: WR

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	90.8	72-137
Surr: 4-Bromofluorobenzene	101.1	48-156

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-01A	MW-1
99120638-02A	MW-5S
99120638-03A	MW-5D
99120638-04A	MW-7
99120638-05A	MW-8
99120638-06A	MW-9
99120638-07A	MW-10
99120638-08A	MW-11
99120638-09A	VR1

Laboratory Control Sample (LCS)

RunID: HP_N_991229B-142136 Units: ug/L
Analysis Date: 12/29/1999 11:13 Analyst: WR

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	47	93	61	119
Ethylbenzene	50	48	96	70	118
Toluene	50	47	94	65	125
m,p-Xylene	100	97	97	72	116
o-Xylene	50	48	97	72	117
Xylenes,Total	150	145	97	72	117

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

Sample Spiked: 99120611-10
RunID: HP_N_991229B-142138 Units: ug/L
Analysis Date: 12/29/1999 12:56 Analyst: WR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	19	96.7	20	20	99.7	3.03	21	32	164
Ethylbenzene	ND	20	20	101	20	21	104	2.32	19	52	142
Toluene	ND	20	20	99.9	20	20	101	0.776	20	38	159
m,p-Xylene	ND	40	42	103	40	42	105	1.53	17	53	144
o-Xylene	ND	20	20	99.4	20	20	102	2.26	18	53	143

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

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

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 99120638
Lab Batch ID: R6749

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

Sample Spiked: 99120611-10
RunID: HP_N_991229B-142138 Units: ug/L
Analysis Date: 12/29/1999 12:56 Analyst: WR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Xylenes,Total	ND	60	62	103	60	62	103	0	18	53	144

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

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 99120638
Lab Batch ID: R6754

Method Blank

RunID: HP_N_991229C-142251 Units: mg/L
Analysis Date: 12/29/1999 12:00 Analyst: WR

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.050
Surr: 1,4-Difluorobenzene	97.5	62-144
Surr: 4-Bromofluorobenzene	99.7	44-153

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-01A	MW-1
99120638-02A	MW-5S
99120638-03A	MW-5D
99120638-04A	MW-7
99120638-05A	MW-8
99120638-06A	MW-9
99120638-07A	MW-10
99120638-08A	MW-11
99120638-09A	VR1

Laboratory Control Sample (LCS)

RunID: HP_N_991229C-142250 Units: mg/L
Analysis Date: 12/29/1999 11:37 Analyst: WR

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.96	96	64	131

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

Sample Spiked: 99120611-01
RunID: HP_N_991229C-142252 Units: mg/L
Analysis Date: 12/29/1999 13:50 Analyst: WR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	0.9	1.1	127	0.9	1.1	119	6.63	36	36	160

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

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8880 INTERCHANGE DRIVE
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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Metals by Method 6010B, Dissolved
Method: SW6010B

WorkOrder: 99120638
Lab Batch ID: 2427

Method Blank

RunID: TJA_000107A-149105 Units: mg/L
Analysis Date: 01/07/2000 10:24 Analyst: PB
Preparation Date: 01/06/2000 15:15 Prep By: _AA Method: SW3005

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06E	MW-9

Analyte	Result	Rep Limit
Barium	ND	0.005
Beryllium	ND	0.003
Cadmium	ND	0.005
Chromium	ND	0.01
Cobalt	ND	0.01
Copper	ND	0.01
Molybdenum	ND	0.02
Nickel	ND	0.02
Silver	ND	0.01
Vanadium	ND	0.005
Zinc	ND	0.02

Laboratory Control Sample (LCS)

RunID: TJA_000107A-149106 Units: mg/L
Analysis Date: 01/07/2000 10:28 Analyst: PB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Barium	2	1.96	98	80	120
Beryllium	2	1.98	99	80	120
Cadmium	2	1.97	99	80	120
Chromium	2	2.01	101	80	120
Cobalt	2	1.98	99	80	120
Copper	2	1.97	99	80	120
Molybdenum	2	2	100	80	120
Nickel	2	2.01	100	80	120
Silver	2	1.96	98	80	120
Vanadium	2	2.03	101	80	120
Zinc	2	1.99	100	80	120

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

Sample Spiked: 99120639-08
RunID: TJA_000107A-149110 Units: mg/L
Analysis Date: 01/07/2000 10:44 Analyst: PB

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

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

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Metals by Method 6010B, Dissolved
Method: SW6010B

WorkOrder: 99120638
Lab Batch ID: 2427

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Barium	0.67	1	1.68	102	1	1.66	98.9	2.69	20	75	125
Beryllium	ND	1	1.04	104	1	1.04	104	0.170	20	75	125
Cadmium	ND	1	1.03	103	1	1.02	102	0.165	20	75	125
Chromium	0.056	1	1.09	104	1	1.1	104	0.330	20	75	125
Cobalt	ND	1	1.01	101	1	1.01	101	.0752	20	75	125
Copper	0.060	1	1.09	103	1	1.09	103	0.422	20	75	125
Molybdenum	0.11	1	1.14	103	1	1.14	103	.0767	20	75	125
Nickel	0.051	1	1.07	102	1	1.07	102	00689	20	75	125
Silver	ND	1	1.02	102	1	1.02	102	0.297	20	75	125
Vanadium	0.021	1	1.08	106	1	1.07	105	0.190	20	75	125
Zinc	0.18	1	1.21	103	1	1.21	103	0.138	20	75	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

J - Estimated value between MDL and PQL

* - Recovery Outside Advisable QC Limits

D - Recovery Unreportable due to Dilution

1/14/00 1:48:29 PM

HOUSTON LABORATORY
9880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Metals by Method 6010B, Dissolved
Method: SW6010B
WorkOrder: 99120638
Lab Batch ID: 2427-T

Method Blank

RunID: TJAT_000110A-150103 Units: mg/L
Analysis Date: 01/10/2000 13:30 Analyst: EG

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06E	MW-9

Analyte	Result	Rep Limit
Antimony	ND	0.005
Arsenic	ND	0.005
Lead	ND	0.005
Selenium	ND	0.005
Thallium	ND	0.005

Laboratory Control Sample (LCS)

RunID: TJAT_000110A-150105 Units: mg/L
Analysis Date: 01/10/2000 13:36 Analyst: EG

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Antimony	4	3.79	95	80	120
Arsenic	4	3.78	94	80	120
Lead	2	1.84	92	80	120
Selenium	4	3.78	94	80	120
Thallium	4	3.81	95	80	120

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

Sample Spiked: 99120638-06
RunID: TJAT_000110A-150110 Units: mg/L
Analysis Date: 01/10/2000 13:48 Analyst: EG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Antimony	0.054	2	1.93	94.0	2	1.97	95.6	1.70	20	75	125
Arsenic	0.31	2	2.23	95.6	2	2.25	96.9	1.33	20	75	125
Lead	ND	1	0.885	88.5	1	0.899	89.8	1.49	20	75	125
Selenium	0.012	2	1.99	99.1	2	2	99.7	0.532	20	75	125
Thallium	ND	2	1.82	91.2	2	1.85	92.3	1.14	20	75	125

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

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Mercury, Dissolved
Method: SW7470A
WorkOrder: 99120638
Lab Batch ID: 2500

Method Blank

RunID: HGL_000111B-152143 Units: mg/L
Analysis Date: 01/11/2000 16:13 Analyst: AG
Preparation Date: 01/11/2000 11:30 Prep By: AG Method: SW7470A

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06E	MW-9

Analyte	Result	Rep Limit
Mercury	ND	0.0002

Laboratory Control Sample (LCS)

RunID: HGL_000111B-152144 Units: mg/L
Analysis Date: 01/11/2000 16:13 Analyst: AG
Preparation Date: 01/11/2000 11:30 Prep By: AG Method: SW7470A

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Mercury	0.002	0.00202	101	80	120

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

Sample Spiked: 99120639-08
RunID: HGL_000111B-152146 Units: mg/L
Analysis Date: 01/11/2000 16:13 Analyst: AG
Preparation Date: 01/11/2000 11:30 Prep By: AG Method: SW7470A

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Mercury	ND	0.002	0.00206	103	0.002	0.00205	103	0.632	20	75	125

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

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 99120638
Lab Batch ID: 2311

Method Blank

QC ID:	H_991230A-144533	Units:	ug/L		
Analysis Date:	12/30/1999 9:52	Analyst:	P_C		
Preparation Date:	12/29/1999 10:18	Prep By:	WV	Method: SW3510B	

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06D	MW-9
99120638-09D	VR1

Analyte	Result	Rep Limit
1,2,4-Trichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Diphenylhydrazine	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,4,5-Trichlorophenol	ND	10
2,4,6-Trichlorophenol	ND	5.0
2,4-Dichlorophenol	ND	5.0
2,4-Dimethylphenol	ND	5.0
2,4-Dinitrophenol	ND	25
2,4-Dinitrotoluene	ND	5.0
2,6-Dinitrotoluene	ND	5.0
2-Chloronaphthalene	ND	5.0
2-Chlorophenol	ND	5.0
2-Methylnaphthalene	ND	5.0
2-Methylphenol	ND	5.0
2-Nitroaniline	ND	25
2-Nitrophenol	ND	5.0
3 & 4-Methylphenol	ND	5.0
3,3'-Dichlorobenzidine	ND	10
3-Nitroaniline	ND	25
4,6-Dinitro-2-methylphenol	ND	25
4-Bromophenyl phenyl ether	ND	5.0
4-Chloro-3-methylphenol	ND	5.0
4-Chloroaniline	ND	5.0
4-Chlorophenyl phenyl ether	ND	5.0
4-Nitroaniline	ND	25
4-Nitrophenol	ND	25
Acenaphthene	ND	5.0
Acenaphthylene	ND	5.0
Aniline	ND	5.0
Anthracene	ND	5.0
Benz(a)anthracene	ND	5.0
Benzo(a)pyrene	ND	5.0
Benzo(b)fluoranthene	ND	5.0
Benzo(g,h,i)perylene	ND	5.0
Benzo(k)fluoranthene	ND	5.0
Benzoic acid	ND	25
Benzyl alcohol	ND	5.0
Bis(2-chloroethoxy)methane	ND	5.0
Bis(2-chloroethyl)ether	ND	5.0
Bis(2-chloroisopropyl)ether	ND	5.0
Bis(2-ethylhexyl)phthalate	ND	5.0
Butyl benzyl phthalate	ND	5.0
Carbazole	ND	5.0
Chrysene	ND	5.0
Di-n-butyl phthalate	ND	5.0
Di-n-octyl phthalate	ND	5.0
Dibenz(a,h)anthracene	ND	5.0
Dibenzofuran	ND	5.0
Diethyl phthalate	ND	5.0

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Semivolatile Organics by Method 8270C
Method: SW8270C
WorkOrder: 99120638
Lab Batch ID: 2311

Method Blank

RunID: H_991230A-144533 Units: ug/L
Analysis Date: 12/30/1999 9:52 Analyst: P_C
Preparation Date: 12/29/1999 10:18 Prep By: WV Method: SW3510B

Analyte	Result	Rep Limit
Dimethyl phthalate	ND	5.0
Fluoranthene	ND	5.0
Fluorene	ND	5.0
Hexachlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Hexachlorocyclopentadiene	ND	5.0
Hexachloroethane	ND	5.0
Indeno(1,2,3-cd)pyrene	ND	5.0
Isophorone	ND	5.0
N-Nitrosodi-n-propylamine	ND	5.0
N-Nitrosodiphenylamine	ND	5.0
Naphthalene	ND	5.0
Nitrobenzene	ND	5.0
Pentachlorophenol	ND	25
Phenanthrene	ND	5.0
Phenol	ND	5.0
Pyrene	ND	5.0
Pyridine	ND	5.0
Surr: 2,4,6-Tribromophenol	86.7	10-123
Surr: 2-Fluorobiphenyl	92.0	43-116
Surr: 2-Fluorophenol	85.3	21-110
Surr: Nitrobenzene-d5	102.0	35-114
Surr: Phenol-d5	84.0	10-110
Surr: Terphenyl-d14	94.0	33-141

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: H_991230A-144534 Units: ug/L
Analysis Date: 12/30/1999 10:24 Analyst: P_C
Preparation Date: 12/29/1999 10:18 Prep By: WV Method: SW3510B

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
1,2,4-Trichlorobenzene	50	44	88	50	46	92	0.0	28	39	110
1,4-Dichlorobenzene	50	43	86	50	43	86	0.0	28	36	110
2,4-Dinitrotoluene	50	44	88	50	43	86	0.0	50	50	150
2-Chlorophenol	75	58	77	75	59	79	0.0	40	27	123
4-Chloro-3-methylphenol	75	66	88	75	67	89	0.0	42	23	110
4-Nitrophenol	75	58	77	75	57	76	0.0	50	25	150
Acenaphthene	50	44	88	50	44	88	0.0	31	46	125
N-Nitrosodi-n-propylamine	50	46	92	50	45	90	0.0	38	41	116
Pentachlorophenol	75	59	79	75	57	76	0.0	50	9	125
Phenol	75	54	72	75	54	72	0.0	42	12	110
Pyrene	50	44	88	50	46	92	0.0	31	26	127

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: 99120638
Lab Batch ID: R6807

Method Blank

RunID: M_991230A-143426 Units: ug/L
Analysis Date: 12/30/1999 10:07 Analyst: HW

Analyte	Result	Rep Limit
1,1,1,2-Tetrachloroethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
1,1-Dichloroethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloropropene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0
1,2,3-Trichloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
1,2-Dibromo-3-chloropropane	ND	5.0
1,2-Dibromoethane	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dichloroethane	ND	5.0
1,2-Dichloropropane	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,3-Dichloropropane	ND	5.0
1,4-Dichlorobenzene	ND	5.0
2,2-Dichloropropane	ND	5.0
2-Butanone	ND	20
2-Chloroethyl vinyl ether	ND	10
2-Chlorotoluene	ND	5.0
2-Hexanone	ND	10
4-Chlorotoluene	ND	5.0
4-Isopropyltoluene	ND	5.0
4-Methyl-2-pentanone	ND	10
Acetone	ND	100
Acrylonitrile	ND	50
Bromobenzene	ND	5.0
Bromochloromethane	ND	5.0
Bromodichloromethane	ND	5.0
Bromoform	ND	5.0
Bromomethane	ND	10
Carbon disulfide	ND	5.0
Carbon tetrachloride	ND	5.0
Chlorobenzene	ND	5.0
Chloroethane	ND	10
Chloroform	ND	5.0
Chloromethane	ND	10
cis-1,3-Dichloropropene	ND	5.0
Dibromochloromethane	ND	5.0
Dibromomethane	ND	5.0
Dichlorodifluoromethane	ND	10
Ethylbenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Isopropylbenzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Methylene chloride	ND	5.0
n-Butylbenzene	ND	5.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-01B	MW-1
99120638-02B	MW-5S
99120638-03B	MW-5D
99120638-04B	MW-7
99120638-05B	MW-8
99120638-06B	MW-9
99120638-07B	MW-10
99120638-08B	MW-11
99120638-09B	VR1

Qualifiers:

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B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
* - Recovery Outside Advisable QC Limits
D - Recovery Unreportable due to Dilution

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B
WorkOrder: 99120638
Lab Batch ID: R6807

Method Blank

RunID: M_991230A-143426 Units: ug/L
Analysis Date: 12/30/1999 10:07 Analyst: HW

Analyte	Result	Rep Limit
n-Propylbenzene	ND	5.0
Naphthalene	ND	5.0
sec-Butylbenzene	ND	5.0
Styrene	ND	5.0
tert-Butylbenzene	ND	5.0
Tetrachloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Trichlorofluoromethane	ND	5.0
Vinyl acetate	ND	10
Vinyl chloride	ND	10
cis-1,2-Dichloroethene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
1,2-Dichloroethene (total)	ND	5.0
Surr: 1,2-Dichloroethane-d4	86.0	80-120
Surr: 4-Bromofluorobenzene	100.0	86-115
Surr: Toluene-d8	110.0	88-110

Laboratory Control Sample (LCS)

RunID: M_991230A-143427 Units: ug/L
Analysis Date: 12/30/1999 11:24 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1,1,2-Tetrachloroethane	50	53	106	62	138
1,1,1-Trichloroethane	50	50	100	65	135
1,1,2,2-Tetrachloroethane	50	55	110	64	135
1,1,2-Trichloroethane	50	55	110	65	135
1,1-Dichloroethane	50	49	98	62	135
1,1-Dichloroethene	50	51	102	61	145
1,1-Dichloropropene	50	53	106	65	135
1,2,3-Trichlorobenzene	50	47	94	60	147
1,2,3-Trichloropropane	50	54	108	65	135
1,2,4-Trichlorobenzene	50	50	100	65	145
1,2,4-Trimethylbenzene	50	51	102	65	135
1,2-Dibromo-3-chloropropane	50	46	92	49	135
1,2-Dibromoethane	50	56	112	65	135
1,2-Dichlorobenzene	50	54	108	65	135
1,2-Dichloroethane	50	51	102	58	137
1,2-Dichloropropane	50	55	110	60	135
1,3,5-Trimethylbenzene	50	50	100	62	135

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: 99120638
Lab Batch ID: R6807

Laboratory Control Sample (LCS)

RunID: M_991230A-143427 Units: ug/L
Analysis Date: 12/30/1999 11:24 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,3-Dichlorobenzene	50	53	106	65	135
1,3-Dichloropropane	50	60	120	65	135
1,4-Dichlorobenzene	50	54	108	65	135
2,2-Dichloropropane	50	51	102	65	135
2-Butanone	50	40	80	32	160
2-Chloroethyl vinyl ether	50	50	100	65	135
2-Chlorotoluene	50	57	114	63	135
2-Hexanone	50	53	106	30	162
4-Chlorotoluene	50	55	110	64	135
4-Isopropyltoluene	50	48	96	65	135
4-Methyl-2-pentanone	50	51	102	59	140
Acetone	50	55	110	29	167
Benzene	50	54	108	76	127
Bromobenzene	50	55	110	65	135
Bromochloromethane	50	52	104	63	135
Bromodichloromethane	50	51	102	65	135
Bromoform	50	49	98	65	135
Bromomethane	50	48	96	62	135
Carbon disulfide	50	41	82	5	135
Carbon tetrachloride	50	50	100	52	135
Chlorobenzene	50	54	108	75	130
Chloroethane	50	52	104	55	135
Chloroform	50	50	100	64	135
Chloromethane	50	48	96	65	135
cis-1,3-Dichloropropene	50	51	102	64	135
Dibromochloromethane	50	52	104	63	165
Dibromomethane	50	54	108	59	137
Dichlorodifluoromethane	50	40	80	65	135
Ethylbenzene	50	51	102	65	135
Hexachlorobutadiene	50	38	76	65	135
Isopropylbenzene	50	51	102	65	135
Methylene chloride	50	48	96	65	135
n-Butylbenzene	50	46	92	65	135
n-Propylbenzene	50	52	104	65	135
Naphthalene	50	57	114	65	135
sec-Butylbenzene	50	48	96	65	135
Styrene	50	55	110	65	135
tert-Butylbenzene	50	49	98	75	125

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: 99120638
Lab Batch ID: R6807

Laboratory Control Sample (LCS)

RunID: M_991230A-143427 Units: ug/L
Analysis Date: 12/30/1999 11:24 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Tetrachloroethene	50	53	106	61	135
Toluene	50	53	106	76	125
trans-1,3-Dichloropropene	50	50	100	56	135
Trichloroethene	50	53	106	71	120
Trichlorofluoromethane	50	49	98	17	181
Vinyl acetate	50	50	100	26	141
Vinyl chloride	50	54	108	36	144
cis-1,2-Dichloroethene	50	53	106	65	135
m,p-Xylene	100	100	100	65	135
o-Xylene	50	54	108	65	135
trans-1,2-Dichloroethene	50	50	100	65	135
1,2-Dichloroethene (total)	100	103	103	65	135
Xylenes,Total	150	154	103	65	135

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

Sample Spiked: 99120490-02
RunID: M_991230A-143430 Units: ug/L
Analysis Date: 12/30/1999 13:30 Analyst: HW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	1250	1100	88	1250	1200	96	9	14	61	145
Benzene	ND	1250	1400	112	1250	1400	112	0	11	76	127
Chlorobenzene	ND	1250	1400	112	1250	1400	112	0	13	75	130
Toluene	3400	1250	5300	152*	1250	5500	168*	10	13	76	125
Trichloroethene	ND	1250	1300	104	1250	1300	104	0	14	71	120

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B
WorkOrder: 99120638
Lab Batch ID: R6947

Method Blank

RunID: M_991230B-145196 Units: ug/L
Analysis Date: 12/30/1999 23:57 Analyst: HW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
99120638-06B	MW-9

Analyte	Result	Rep Limit
Benzene	ND	5.0
Methyl tert-butyl ether	ND	5.0
Toluene	ND	5.0
m,p-Xylene	ND	5.0
o-Xylene	ND	5.0
Xylenes,Total	ND	5.0
Surr: 1,2-Dichloroethane-d4	86.0	80-120
Surr: 4-Bromofluorobenzene	96.0	86-115
Surr: Toluene-d8	108.0	88-110

Laboratory Control Sample (LCS)

RunID: M_991230B-145195 Units: ug/L
Analysis Date: 12/30/1999 23:07 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	47	94	61	145
Benzene	50	54	108	76	127
Chlorobenzene	50	56	112	75	130
Toluene	50	55	110	76	125
Trichloroethene	50	53	106	71	120

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

Sample Spiked: 9912573-02A
RunID: M_991230B-145199 Units: ug/L
Analysis Date: 12/31/1999 1:13 Analyst: HW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	5000	4300	86	5000	4600	92	7	14	61	145
enzene	22000	5000	27000	100	5000	29000	140*	33*	11	76	127
lorobenzene	ND	5000	5200	104	5000	5400	108	4	13	75	130
Toluene	20000	5000	25000	100	5000	25000	100	0	13	76	125
ichloroethene	ND	5000	4800	96	5000	5000	100	4	14	71	120

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

Chain of Custody

And

Sample Receipt Checklist

EXXON COMPANY, USA. 99120638

CHAIN OF CUSTODY RECORD NO. _____ Page _____ of _____

Exxon Engineer: Darin Rouse Phone: (925) 246-8768

Consultant Co. Name: DELTA Contact: Jim Brownell

Address: 3164 Gold Camp Dr. Phone: (916) 638-2765

Rancho Cordova, CA Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only): _____

AFE # (Terminal Only): _____ Consultant Project #: D049-836

Location: 2991 Hopyard Rd. (City): Pleasanton (State): CA

☐ EE ☐ C & M ☐ SDT

Consultant Work Release #: 19900912 BTS# 99122-JT

Sampled By: Blaine Tech Services, Inc.

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☐ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	~~TPH/8015~~ 8015 M Fuel Fingerprint by ☐	O & G ☐ IR 413.1 ☐ GRAV. 413.2 ☐	TPH / GC 8015 GRO ☐ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB / PEST 8080 ☐ PCB ONLY ☐	TCLP FULL ☐ VOA ☐ SEMI-VOA ☐ PEST ☐ HERB ☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	~~TOX/TOH~~ MTBE by 8260	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: ~~STATE~~ VOC's w/ MTBE by 8260	Dissolved CAM 17 Metals	Ethylen Glycol
MW-1	12-22	1330			X				HCl, NP	6		X				X								X		CA		
~~MW-4~~																												
MW-5S		1155								6		X				X								X				
MW-5D		1140								6		X				X								X				
MW-7		1455								6		X				X								X				
MW-8		1250								6		X				X								X				
MW-9		1355								12		X		X		X		X						X		X	X	X
MW-10		1432								6		X				X								X				
MW-11		1457								6		X				X								X				
VR1	↓	1525			↓				↓	11		X		X		X		X						X		X		X

RUSH 10 BS

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

EXXON UST CONTRACT NO. S02317M01

QA/QC Level
Standard ☐ CLP ☐ Other ☐ _____

SPECIAL DETECTION LIMITS (Specify) 3

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☑ FAX C-O-C W / REPORT

REMARKS: 8143729533 13

LAB USE ONLY LOT # Storage Location

WORK ORDER #: 99120638 NW LAB WORK RELEASE #:

CUSTODY RECORD

	Relinquished By Sampler:	Date	Time	Received By:
1	Josh Kerns	12-22-99	1700	
2	Relinquished By Sampler:	Date	Time	Received By:
3	Relinquished By Sampler:	Date	Time	Received By Laboratory: 12/28/99

Way Bill #: _____ Cooler Temp: 3C

[illegible] SAMPLE [illegible] ACK [illegible] SPL I [illegible] POR [illegible], 888 [illegible] rchar [illegible] ive, [illegible] on, T [illegible] 54 [illegible] (713) [illegible] 901 [illegible] ax: ([illegible] 60-89 [illegible] Ph: [illegible] 9-969 [illegible]

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

Sample Receipt Checklist

Workorder:	99120638	Received by:	Estrada, Ruben
Date and Time Received:	12/28/99 10:00:00 AM	Carrier name:	FedEx
Temperature:	3		

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

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8880 INTERCHANGE DRIVE
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Case Narrative for:

EXXON Company U.S.A.

Certificate of Analysis Number:

99120638

Report To:		Project Name:	D049-836
Delta Environmental Consultants, Inc.		Site:	7-3399,19900912
Jim R. Brownell, R.G.		Site Address:	
3164 Gold Camp Drive, Suite 200			
Rancho Cordova		PO Number:	
California		State:	
95670-		State Cert. No.:	
ph: (916) 638-2765	fax: (916) 638-8385	Date Reported:	1/14/00

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

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

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

for: Sonia West
Wyatt, Neaundra
Project Manager

1/14/00
Date

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

Case Narrative for:

EXXON Company U.S.A.

Certificate of Analysis Number:

00010530

Report To:		Project Name:	D049-836
Delta Environmental Consultants, Inc.		Site:	7-3399-19900912
Jim R. Brownell, R.G.		Site Address:	
3164 Gold Camp Drive, Suite 200			
Rancho Cordova		PO Number:	
California		State:	California
95670-		State Cert. No.:	1903
ph: (916) 638-2765	fax: (916) 638-8385	Date Reported:	

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

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

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

Sonia West

West, Sonia
Senior Project Manager

2/7/00
Date

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

EXXON Company U.S.A.

Certificate of Analysis Number:

00010530

Report To:	Delta Environmental Consultants, Inc. Jim R. Brownell, R.G. 3164 Gold Camp Drive, Suite 200 Rancho Cordova California 95670- ph: (916) 638-2765 fax: (916) 638-8385	**Project Name:**	D049-836
		Site:	7-3399-19900912
		Site Address:	
		PO Number:	
		State:	California
		State Cert. No.:	1903
x To:	*Delta Environmental Consultants, Inc.* *Jim R. Brownell, R.G. fax: (916) 638-8385*	**Date Reported:**	

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-1	00010530-01	Water	1/21/00 11:10:00 AM	1/22/00 10:00:00 AM		☐
-2	00010530-02	Water	1/21/00 11:50:00 AM	1/22/00 10:00:00 AM		☐

Sonia West

2/7/00
Date

est, Sonia
nior Project Manager

Joel Grice
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Client Sample ID MW-1 **Collected:** 1/21/00 11:10:00 **SPL Sample ID:** 00010530-01

Site: 7-3399-19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50	1		01/22/00 20:15	LJ	166172
Surr: 1,4-Difluorobenzene	93.2	%	62-144	1		01/22/00 20:15	LJ	166172
Surr: 4-Bromofluorobenzene	111	%	44-153	1		01/22/00 20:15	LJ	166172
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		1	1		01/22/00 20:15	LJ	166112
Ethylbenzene	ND		1	1		01/22/00 20:15	LJ	166112
Toluene	ND		1	1		01/22/00 20:15	LJ	166112
m,p-Xylene	ND		1	1		01/22/00 20:15	LJ	166112
o-Xylene	ND		1	1		01/22/00 20:15	LJ	166112
Xylenes,Total	ND		1	1		01/22/00 20:15	LJ	166112
Surr: 1,4-Difluorobenzene	104	%	72-137	1		01/22/00 20:15	LJ	166112
Surr: 4-Bromofluorobenzene	104	%	48-156	1		01/22/00 20:15	LJ	166112
VOLATILE ORGANICS METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	ND		5	1		01/24/00 22:10	HW	168082
Surr: 1,2-Dichloroethane-d4	106	%	80-120	1		01/24/00 22:10	HW	168082
Surr: 4-Bromofluorobenzene	90.0	%	86-115	1		01/24/00 22:10	HW	168082
Surr: Toluene-d8	100	%	88-110	1		01/24/00 22:10	HW	168082

Sonia West

West, Sonia
Project Manager

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

HOUSTON LABORATORY
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Client Sample ID VR-2 **Collected:** 1/21/00 11:50:00 **SPL Sample ID:** 00010530-02

Site: 7-3399-19900912

Analyses/Method	Result		Rep.Limit	Dil. Factor	QUAL	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**MCL**	**CA_GRO**		**Units: ug/L**		
Gasoline Range Organics	ND		50	1		01/22/00 20:40	LJ	166173
Surr: 1,4-Difluorobenzene	99.6	%	62-144	1		01/22/00 20:40	LJ	166173
Surr: 4-Bromofluorobenzene	99.7	%	44-153	1		01/22/00 20:40	LJ	166173
PURGEABLE AROMATICS			**MCL**	**SW8021B**		**Units: ug/L**		
Benzene	ND		1	1		01/22/00 20:40	LJ	166114
Ethylbenzene	ND		1	1		01/22/00 20:40	LJ	166114
Toluene	ND		1	1		01/22/00 20:40	LJ	166114
m,p-Xylene	ND		1	1		01/22/00 20:40	LJ	166114
o-Xylene	ND		1	1		01/22/00 20:40	LJ	166114
Xylenes,Total	ND		1	1		01/22/00 20:40	LJ	166114
Surr: 1,4-Difluorobenzene	104	%	72-137	1		01/22/00 20:40	LJ	166114
Surr: 4-Bromofluorobenzene	104	%	48-156	1		01/22/00 20:40	LJ	166114
SEMIVOLATILE HYDROCARBONS			**MCL**	**SW8015B**		**Units: ug/L**		
Ethylene Glycol	ND		10000	2		01/26/00 12:33	DR	169584
Surr: Triethylene Glycol	59.0	%	50-150	2		01/26/00 12:33	DR	169584
Diesel #2 (C8-C23)	ND		200	1		01/27/00 4:16	RR	171076
Fuel Oil (C15-C23)	ND		200	1		01/27/00 4:16	RR	171076
Gasoline (C8-C12)	ND		200	1		01/27/00 4:16	RR	171076
Kerosine (C8-C15)	ND		200	1		01/27/00 4:16	RR	171076
Motor Oil (C28-C40)	ND		1000	1		01/27/00 4:16	RR	171076
Surr: Pentacosane	46.8	%	20-131	1		01/27/00 4:16	RR	171076
VOLATILE ORGANICS METHOD 8260B			**MCL**	**SW8260B**		**Units: ug/L**		
Methyl tert-butyl ether	17		5	1		01/25/00 12:04	HW	169743
Surr: 1,2-Dichloroethane-d4	86.0	%	80-120	1		01/25/00 12:04	HW	169743
Surr: 4-Bromofluorobenzene	88.0	%	86-115	1		01/25/00 12:04	HW	169743
Surr: Toluene-d8	98.0	%	88-110	1		01/25/00 12:04	HW	169743

Sonia West

West, Sonia
Project Manager

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

Quality Control Documentation

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

EXXON Company U.S.A.

D049-836

Analysis: Semivolatile Hydrocarbons
Method: SW8015B
WorkOrder: 00010530
Lab Batch ID: 2750

Method Blank

RunID: HP_V_000127A-171074 Units: mg/L
Analysis Date: 01/27/2000 2:59 Analyst: RR
Preparation Date: 01/24/2000 9:44 Prep By: KL Method SW3510B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-02C	VR-2

Analyte	Result	Rep Limit
Diesel #2 (C8-C23)	ND	0.20
Fuel Oil (C15-C23)	ND	0.20
Gasoline (C8-C12)	ND	0.20
Kerosine (C8-C15)	ND	0.20
Motor Oil (C28-C40)	ND	1.0
Surr: Pentacosane	54.6	20-131

Laboratory Control Sample (LCS)

RunID: HP_V_000127A-171075 Units: mg/L
Analysis Date: 01/27/2000 3:37 Analyst: RR
Preparation Date: 01/24/2000 9:44 Prep By: KL Method SW3510B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Diesel #2 (C8-C23)	2.5	2.5	98	48	153

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

Sample Spiked: 00010530-02
RunID: HP_V_000127A-171077 Units: mg/L
Analysis Date: 01/27/2000 4:54 Analyst: RR
Preparation Date: 01/24/2000 9:44 Prep By: KL Method SW3510B

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Diesel #2 (C8-C23)	ND	2.5	2.1	78.4	2.5	2.1	79.2	1.02	39	48	153

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Semivolatile Hydrocarbons
Method: SW8015B
WorkOrder: 00010530
Lab Batch ID: R8128

Method Blank

RunID: VARC_000126A-169583 Units: mg/L
Analysis Date: 01/26/2000 12:08 Analyst: DR

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-02D	VR-2

Analyte	Result	Rep Limit
Ethylene Glycol	ND	5.0
Surr: Triethylene Glycol	75.5	50-150

Laboratory Control Sample (LCS)

RunID: VARC_000126A-169582 Units: mg/L
Analysis Date: 01/26/2000 11:23 Analyst: DR

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Ethylene Glycol	100	130	133	50	150

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

Sample Spiked: 00010530-02
RunID: VARC_000126A-169585 Units: mg/L
Analysis Date: 01/26/2000 1:00 Analyst: DR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Ethylene Glycol	ND	400	340	84.0	400	360	88.8	5.50	20	50	150

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 00010530
Lab Batch ID: R7947

Method Blank

RunID: HP_U_000121B-166103 Units: ug/L
Analysis Date: 01/21/2000 19:06 Analyst: LJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-01A	MW-1
00010530-02A	VR-2

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	101.3	72-137
Surr: 4-Bromofluorobenzene	100.6	48-156

Laboratory Control Sample (LCS)

RunID: HP_U_000121B-166102 Units: ug/L
Analysis Date: 01/21/2000 18:15 Analyst: LJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	50	49	98	61	119
Ethylbenzene	50	48	97	70	118
Toluene	50	48	97	65	125
m,p-Xylene	100	97	97	72	116
o-Xylene	50	48	97	72	117
Xylenes,Total	150	145	97	72	117

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

Sample Spiked: 00010472-02
RunID: HP_U_000121B-166124 Units: ug/L
Analysis Date: 01/21/2000 19:31 Analyst: LJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	18	89.9	20	18	89.3	0.679	21	32	164
Ethylbenzene	ND	20	18	87.1	20	17	86.8	0.446	19	52	142
Toluene	4.7	20	21	82.9	20	21	83.5	0.670	20	38	159
m,p-Xylene	ND	40	35	86.8	40	35	86.1	0.903	17	53	144
o-Xylene	ND	20	18	89.4	20	18	88.7	0.788	18	53	143

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

HOUSTON LABORATORY
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HOUSTON, TEXAS 77054
(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 00010530
Lab Batch ID: R7947

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

Sample Spiked: 00010472-02
RunID: HP_U_000121B-166124 Units: ug/L
Analysis Date: 01/21/2000 19:31 Analyst: LJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Xylenes,Total	ND	60	53	88.3	60	53	88.3	0	18	53	144

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

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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Gasoline Range Organics
Method: CA_GRO

WorkOrder: 00010530
Lab Batch ID: R7950

Method Blank

RunID: HP_U_000121C-166154 Units: mg/L
Analysis Date: 01/21/2000 19:06 Analyst: LJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-01A	MW-1
00010530-02A	VR-2

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.050
Surr: 1,4-Difluorobenzene	99.1	62-144
Surr: 4-Bromofluorobenzene	97.0	44-153

Laboratory Control Sample (LCS)

RunID: HP_U_000121C-166152 Units: mg/L
Analysis Date: 01/21/2000 18:40 Analyst: LJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1	0.79	79	64	131

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

Sample Spiked: 00010472-03
RunID: HP_U_000121C-166155 Units: mg/L
Analysis Date: 01/21/2000 20:20 Analyst: LJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	0.23	0.9	0.74	56.8	0.9	0.75	58.1	2.17	36	36	160

Qualifiers:

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

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8880 INTERCHANGE DRIVE
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Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: 00010530
Lab Batch ID: R8034

Method Blank

RunID: M_000124A-168062 Units: ug/L
Analysis Date: 01/24/2000 11:47 Analyst: HW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-01B	MW-1

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	5.0
Surr: 1,2-Dichloroethane-d4	100.0	80-120
Surr: 4-Bromofluorobenzene	90.0	86-115
Surr: Toluene-d8	96.0	88-110

Laboratory Control Sample (LCS)

RunID: M_000124A-168061 Units: ug/L
Analysis Date: 01/24/2000 11:20 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	43	86	61	145
Benzene	50	54	108	76	127
Chlorobenzene	50	55	110	75	130
Toluene	50	55	110	76	125
Trichloroethene	50	53	106	71	120

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

Sample Spiked: 00010426-08
RunID: M_000124A-168069 Units: ug/L
Analysis Date: 01/24/2000 16:19 Analyst: HW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	50	40	80	50	40	80	0	14	61	145
Benzene	ND	50	53	106	50	52	104	2	11	76	127
Chlorobenzene	ND	50	51	102	50	51	102	0	13	75	130
Toluene	ND	50	51	102	50	50	100	2	13	76	125
Trichloroethene	ND	50	48	96	50	47	94	2	14	71	120

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

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(713) 660-0901

Quality Control Report

EXXON Company U.S.A.

D049-836

Analysis: Volatile Organics Method 8260B
Method: SW8260B

WorkOrder: 00010530
Lab Batch ID: R8132

Method Blank

RunID: M_000125A-169742 Units: ug/L
Analysis Date: 01/25/2000 11:37 Analyst: HW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
00010530-02B	VR-2

Analyte	Result	Rep Limit
Methyl tert-butyl ether	ND	5.0
Surr: 1,2-Dichloroethane-d4	88.0	80-120
Surr: 4-Bromofluorobenzene	90.0	86-115
Surr: Toluene-d8	100.0	88-110

Laboratory Control Sample (LCS)

RunID: M_000125A-169740 Units: ug/L
Analysis Date: 01/25/2000 11:10 Analyst: HW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
1,1-Dichloroethene	50	42	84	61	145
Benzene	50	49	98	76	127
Chlorobenzene	50	52	104	75	130
Toluene	50	50	100	76	125
Trichloroethene	50	50	100	71	120

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

Sample Spiked: 00010534-02
RunID: M_000125A-169746 Units: ug/L
Analysis Date: 01/25/2000 13:24 Analyst: HW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
1,1-Dichloroethene	ND	5000	3900	78	5000	4200	84	7	14	61	145
Benzene	ND	5000	4700	94	5000	5000	100	6	11	76	127
Chlorobenzene	ND	5000	5000	100	5000	5100	102	2	13	75	130
Toluene	ND	5000	5000	99	5000	4900	97	2	13	76	125
Trichloroethene	ND	5000	4600	92	5000	4900	98	6	14	71	120

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

Chain of Custody

And

Sample Receipt Checklist

000105[illegible]

EXXON COMPANY, USA.

CHAIN OF CUSTODY RECORD NO. ______ Page 1 of 1

Exxon Engineer: Darin Rouse Phone: (925) 246-8768
Consultant Co. Name: DELTA Contact: Jim Brownell
Address: 3164 Gold Camp Dr. Phone: (916) 638-2765
Rancho Cordova, CA Fax: (916) 638-8385

RAS #: 7-3399 Facility/State ID # (TN Only): ______
AFE # (Terminal Only): ______ Consultant Project #: D049-836
Location: 2991 Hopyard Rd. (City): Pleasanton (State): CA

☐ EE ☐ C & M ☐ SDT

Consultant Work Release #: 19900912 BTS# 000121-L1
Sampled By: Blaine Tech Services, Inc.

ANALYSIS REQUEST: (CHECK APPROPRIATE BOX)

SAMPLE I.D.	DATE	TIME	COMP.	GRAB	MATRIX H_2O	MATRIX SOIL	MATRIX AIR	OTHER	PRESERVATIVE	NO. OF CONTAINERS	CONTAINER SIZE	BTEX 8020 ☒ WITH MTBE ☐ 602 ☐	PURGEABLE HALOCARBON 8010 ☐ 601 ☐	TPH/IR 418.1 ☐	O & G IR 413.1 ☐ GRAV. 413.2 ☐	TPH / GC 8015 GRO ☒ 8015 DRO ☐	VOL 8240 ☐ 624 ☐	SEMI-VOL 8270 ☐ 625 ☐	PNA/PAH 8100 ☐ 8310 ☐ 8270 ☐	PCB / PEST 8080 ☐ PCB ONLY ☐	TCLP FULL☐ VOA☐ SEMI-VOA☐ PEST☐ HERB☐	METALS, TOTAL ☐ METALS, TCLP ☐	LEAD, TOTAL 239.1 ☐ 7421 ☐ LEAD, TCLP ☐	TOX/TOH ☐	REACTIVITY ☐ CORROSIVITY ☐ IGNITABILITY ☐	OTHER: STATE	OTHER: MTBE BY 8260	OTHER: ETHYLENE GYCOL	OTHER: FUEL FINGERPRINT BY 8015 M
MW-1	1/21/00	1110			X					6		X				X										CA	X		
VR-2	↓	1150			X					11		X				X											X	X	X

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

EXXON UST CONTRACT NO. S02317M01

SPECIAL DETECTION LIMITS (Specify)

REMARKS:

QA/QC Level
Standard ☐ CLP ☐ Other ☐ ______

SPECIAL REPORTING REQUIREMENTS (Specify)

FAX ☐ ☐ FAX C-O-C W / REPORT

LAB USE ONLY LOT # NW/SDW 300 Storage Location
WORK ORDER #: 0001050 LAB WORK RELEASE #:

CUSTODY RECORD

Relinquished By Sampler:	Date	Time	Received By:
[signature] / CAD GILCHRIST	1/21/00	2:25	
Relinquished By Sampler:	Date	Time	Received By: [signature] 1/22/00 1000
Relinquished By Sampler:	Date	Time	Received By Laboratory:
			Way Bill #: 814372890254 Cooler Temp: 5 C