

EXXON COMPANY, U.S.A.

P.O. BOX 4032 • CONCORD, CALIFORNIA 94524-4032
MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING
MARLA D. GUENSLER
SENIOR ENGINEER

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

ENVIRONMENTAL
PROTECTION

99 FEB 25 PM 4: 04

FEB 22 1999

Mr. Scott Seery
Alameda County Environmental Health Department
1131 Harbor Bay Parkway
Alameda, California 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 1998* 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 9, 1998.

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

Sincerely,



for
Marla D. Guensler
Senior Engineer

MDG/tjm

attachment: Delta's *Quarterly Ground Water Monitoring Report and Remediation System Status, Fourth Quarter 1998*, dated January 19, 1999.

cc: w/attachment

Mr. Steve Cusenza - City of Pleasanton Public Works Department
Mr. Chuck Headlee - California Regional Water Quality Control Board, San Francisco Bay Region
Mr. David Lunn - Alameda County Flood Control (Zone-7)

w/o attachment

Mr. James R. Brownell - 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

January 19, 1999

Ms. Marla D. Guensler
Exxon Company, U.S.A.
2300 Clayton Road, Suite 1250
Concord, California 94520

Subject: *Quarterly Ground Water Monitoring and
Remediation System Status Report, Fourth Quarter 1998*
Exxon Service Station No. 7-3399
2991 Hopyard Road
Pleasanton, California
Delta Project No. D094-836

Dear Ms. Guensler:

Delta Environmental Consultants, Inc. (Delta), has been authorized by Exxon Company, U.S.A. (Exxon), to conduct quarterly ground water monitoring at Exxon Service Station No. 7-3399, located at 2991 Hopyard Road, Pleasanton, California. This report presents the results of quarterly ground water monitoring and sampling conducted for the fourth quarter 1998. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. Work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

Ground Water Elevation Measurements, Flow Direction, and Hydraulic Gradient

On December 9, 1998, ground water elevations were measured in on-site monitoring wells MW-1, MW-4, MW-7 through MW-10 and off-site monitoring wells MW-5D, MW-5S, and MW-11. Depth to ground water in the monitoring wells ranged from 21.54 (MW-7) to 34.32 (MW-10) feet below the top of the well casings. **Ground water elevations increased an average of 4.92 feet in the monitoring wells since the September 11, 1998, monitoring event.** Ground water monitoring for the last four quarters are presented in Table 1. Cumulative ground water elevation measurements are presented in Enclosure B.

A ground water elevation contour map was constructed from the ground water elevations recorded on December 9, 1998, and is included as Figure 3. The ground water elevation measurements from monitoring wells MW-5D and MW-8 were not included in the ground water elevation contour map, because these wells are screened in a lower zone. **The ground water elevation contours suggest that ground water in the upper water-bearing zone was flowing to the west and southwest.** Based on the ground water elevation contour map, the average hydraulic gradient was approximately 0.11.

Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the December 9, 1998, sampling visit.

Ground Water Analytical Results

Ground water samples were collected from monitoring wells MW-1, MW-5S, MW-5D, MW-8 and MW-9 on December 9, 1998. All ground water samples were submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX), using EPA Method 8020, methyl tertiary butyl ether (MTBE) using EPA Method 8260, and total purgeable petroleum hydrocarbons (TPPH) as gasoline using EPA Method 8015 Modified. Monitoring wells MW-4 and MW-7 are on a semi-annual sampling frequency and monitoring wells MW-10 and MW-11 have been excluded from quarterly sampling because hydrocarbon concentrations in ground water samples collected from these wells have historically been less than laboratory reporting limits. During 1999, these wells will be sampled on a semi-annual basis.

The analytical results indicated that all analytes were below the laboratory's reporting limits for all ground water samples, with the exception of the samples obtained from monitoring well MW-9. Detectable concentrations of benzene, MTBE, and toluene were reported in the ground water sample collected from monitoring well MW-9 at 1.4 micrograms per liter ($\mu\text{g/L}$), 7.9 $\mu\text{g/L}$, and 2.9 $\mu\text{g/L}$, respectively. A dissolved benzene, MTBE, and TPPH as gasoline concentration map based on the December 9, 1998, analytical results is included in Figure 4. Laboratory chemical analyses results for the last four monitoring events are presented in Table 1. Cumulative ground water analytical results are presented in Enclosure B. A copy of the laboratory analytical report for the December 9, 1998, sampling event 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. The SVE system consists of vapor recovery well VR-4, a vacuum blower, and two 200-pound vapor phase granular activated carbon columns in series. The SVE system was shut down on April 20, 1998, due to water in vapor recovery well VR-4. Since the SVE system was turned off, the depth to water in VR-4 has ranged from 6.90 feet on April 20, 1998, to 11.75 feet on September 11, 1998. Vapor well VR-4 is screened from 12 feet to 32 feet below surface grade. Delta is currently attempting to determine the source of water in this well.

what about 12/98?

Air is injected into wells VR-3 and MW-9. Wells VR-1 and VR-2 are not presently in use. The locations of the wells and equipment compound are illustrated in Figure 2, and a process flow diagram of the SVE system is included as Figure 5.

Ms. Marla Guensler
Exxon Company, U.S.A.
January 19, 1999
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Delta collects influent, mid-carbon, and effluent soil vapor samples on a monthly basis during the months the system is operational. The samples are submitted to Sequoia Analytical for analysis of BTEX and TPPH as gasoline. Results of the SVE system sampling are summarized in Table 2, and a copy of the laboratory analytical reports are submitted to the Bay Area Air Quality Management District in compliance with the permit to operate.

Discussion

Laboratory chemical analyses on ground water samples collected from monitoring wells MW-5D and MW-8, screened in the lower aquifers, did not detect analytes above the laboratory reporting limits. In addition, analyses on duplicate samples collected from MW-5D and MW-8 did not detect analytes. Also, analyses on rinsate samples collected following decontamination of field equipment used for purging these wells did not detect analytes. Monitoring for hydrocarbons in the deep monitoring wells will continue, due to the proximity of the City of Pleasanton municipal wells northeast of the site.

Future Work

The next quarterly monitoring event for this site is scheduled for March 1999.

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, California 94502-5577

Mr. Steve Cusenza
City of Pleasanton Public Works Dept.
Post Office Box 520
Pleasanton, California 94566

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

Mr. David Lunn
Alameda County Flood Control and
Water Conservation District (Zone 7)
5997 Parkside Drive
Pleasanton, California 94566

Ms. Maria Guensler
Exxon Company, U.S.A.
January 19, 1999
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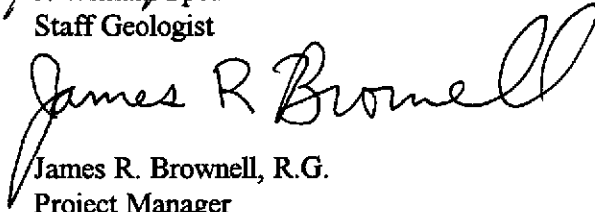
If you have any questions or comments, please contact Jim Brownell at (916) 638-2765.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



J. William Speth
Staff Geologist



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



JWS (LRP022.836)
Enclosures

TABLE 1

RECENT 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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-1	03/24/98	321.44	31.65	289.79	1.4	2.5	<0.5	1.4	<50	16	NA	NA	No LPH
	06/15/98		29.28	292.16	<0.5	<0.5	<0.5	<0.5	<50	22	NA	NA	No LPH
	09/11/98		34.94	286.50	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		31.14	290.30	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
MW-2	07/12/88	NM	Well destroyed										
MW-3	08/29/88	NM	Well destroyed										
MW-4	03/24/98	321.56	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.32	291.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.97	285.59	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		32.93	288.63	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
MW-5S	03/24/98	321.64	32.76	288.88	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		30.46	291.18	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/11/98		36.04	285.60	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		33.00	288.64	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
MW-5D	03/24/98	321.79	32.77	289.02	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		30.69	291.10	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	06/15/98	321.79	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/11/98		36.68	285.11	<0.5	<0.5	<0.5	<0.5	<50	33	NA	NA	No LPH
Duplicate	09/11/98	321.79	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	35	NA	NA	No LPH
	10/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
Duplicate	12/09/98	321.79	32.70	289.09	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured
Rinseate	12/09/98	321.79	NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured

TABLE 1

RECENT 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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-6	10/24/88		Well destroyed										
MW-7	03/24/98	321.27	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.05	291.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.63	285.64	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NS	NS	No LPH
	12/09/98		21.54	299.73	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
MW-8	03/24/98	321.86	31.46	290.40	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		31.43	290.43	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
Duplicate	06/15/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/11/98		38.73	283.13	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	09/11/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		28.96	292.90	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
Duplicate Rinseate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured
	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured
MW-9	03/24/98	320.68	31.32	289.36	11,000	16,000	1,200	6,200	62,000	7,000	NA	NA	No LPH
	06/15/98		28.72	291.96	1.8	2.7	<0.5	3.8	<50	8.1	NA	NA	No LPH
	09/11/98		31.52	289.16	1.5	0.97	<0.5	1.1	<50	7.1	NA	NA	No LPH
	12/09/98		28.92	291.76	1.4	2.9	<0.5	<0.5	<50	7.9 ^f	NA	NA	No LPH
MW-10	03/24/98	322.99	34.12	288.87	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		31.79	291.20	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.40	287.59	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/09/98		34.32	288.67	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
MW-11	03/24/98	321.77	32.86	289.65	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.49	291.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.96	285.81	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/09/98		33.06	288.71	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

TABLE 1

RECENT 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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
VR-1	03/24/92		NM	NC	1.7	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured

^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.

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.

Oxygenate compounds = Ethanol, tertiary butanol, methyl tertiary butyl ether, diisopropyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether.
 Concentrations confirmed by EPA Method 8260.

LPH = Liquid-phase petroleum hydrocarbons.

NA = Not analyzed.

ND = Not detected at or above the laboratory's reporting limit.

NS = Not sampled.

NM = Not measured.

NC = Not calculated.

NOTE: Elevation detection limit quantified by multiplying laboratory limits by report limit multiplication factor.

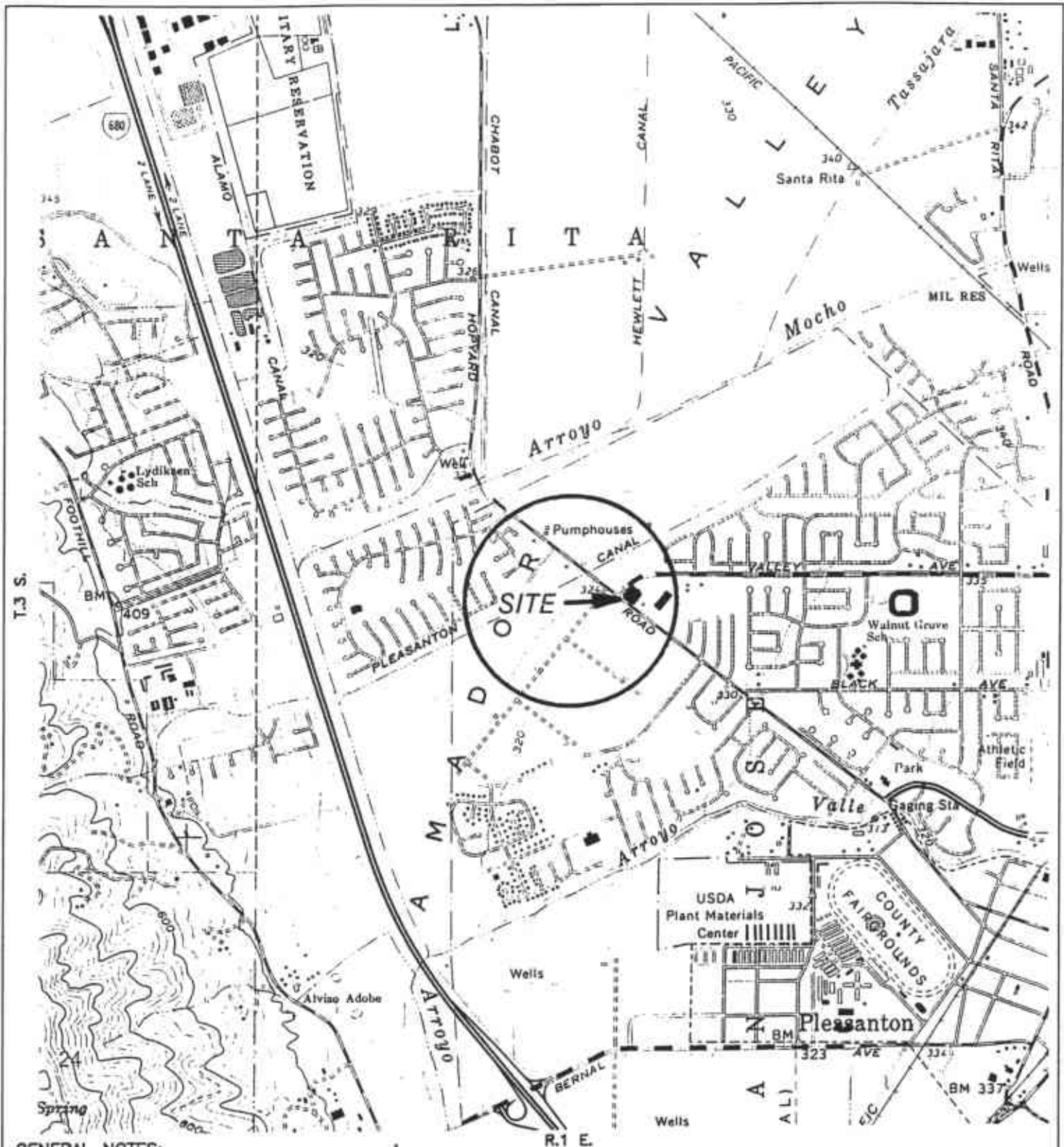
TABLE 2

SVE SYSTEM LABORATORY ANALYTICAL RESULTS

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

Sample ID	Date Collected	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPPH as gasoline (ppmv)
Influent	08/14/97	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	08/14/97	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	08/14/97	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	09/04/97	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	09/04/97	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	09/04/97	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	10/09/97	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	10/09/97	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	10/09/97	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	11/06/97	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	11/06/97	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	11/06/97	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	12/08/97	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	12/08/97	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	12/08/97	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	01/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	01/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	01/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	02/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	02/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	02/12/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	03/09/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	03/09/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	03/09/98	<0.031	<0.027	<0.023	<0.023	<2.4
Influent	04/06/98	<0.031	<0.027	<0.023	<0.023	<2.4
Mid-Carbon	04/06/98	<0.031	<0.027	<0.023	<0.023	<2.4
Effluent	04/06/98	<0.031	<0.027	<0.023	<0.023	<2.4

TPPH = Total purgeable petroleum hydrocarbons.
ppmv = Parts per million by volume.



GENERAL NOTES:
 BASE MAP FROM U.S.G.S.
 DUBLIN, CA.
 7.5 MINUTE TOPOGRAPHIC
 PHOTOREVISED 1980

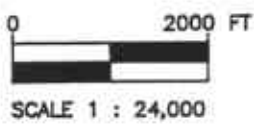
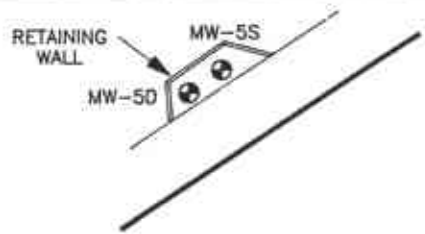


FIGURE 1
 SITE LOCATION MAP
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

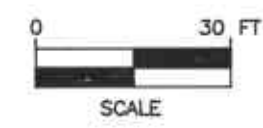
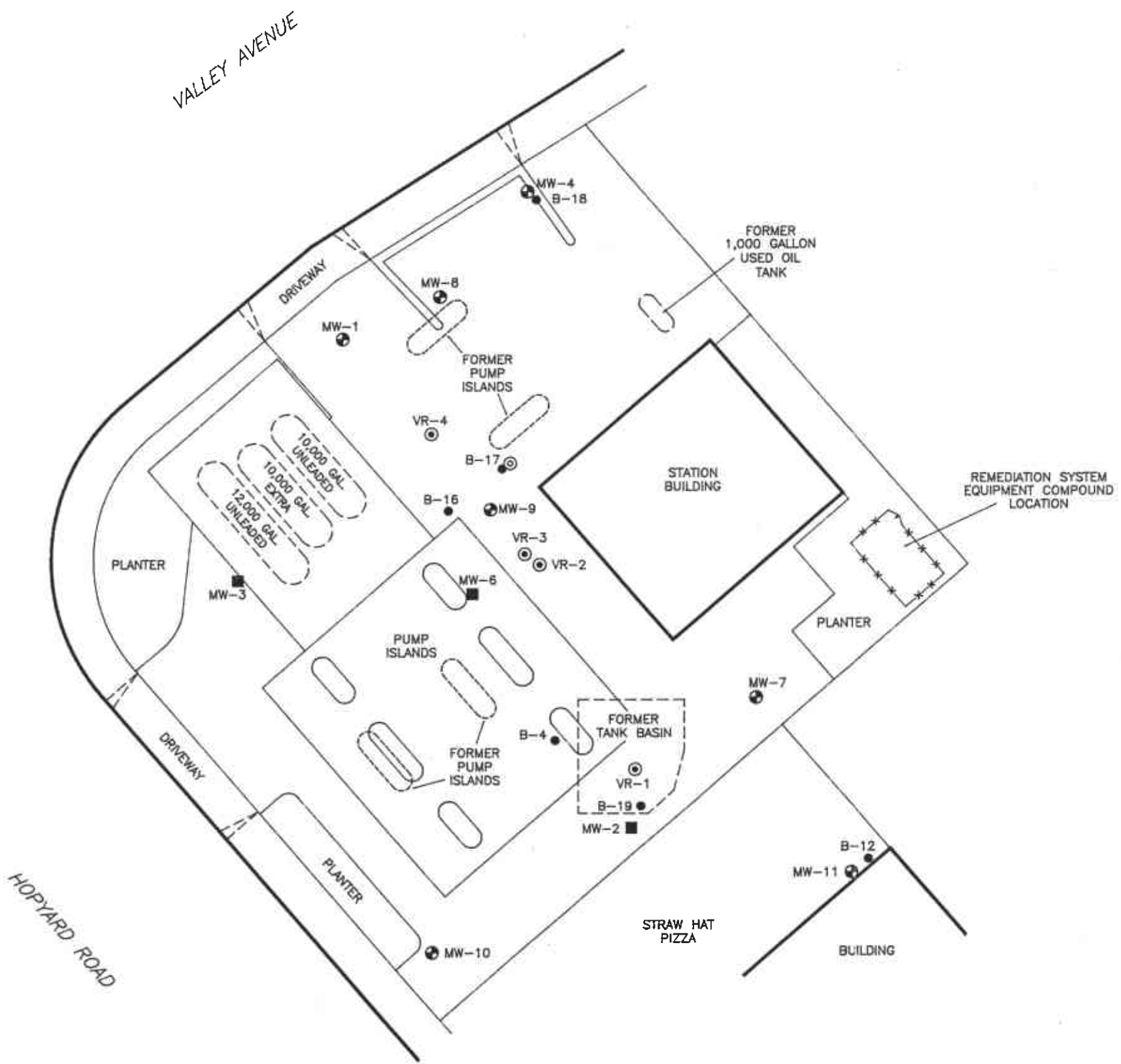
PROJECT NO. D094-836	DRAWN BY L.H. 9/22/94
FILE NO. ---	PREPARED BY TNG
REVISION NO. 1	REVIEWED BY [Signature]





LEGEND:

- ⊕ MW-1 MONITORING WELL LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- B-12 SOIL BORING LOCATION
- ⊙ 36" WELL BOX/POSSIBLE VAPOR EXTRACTION WELL LOCATION

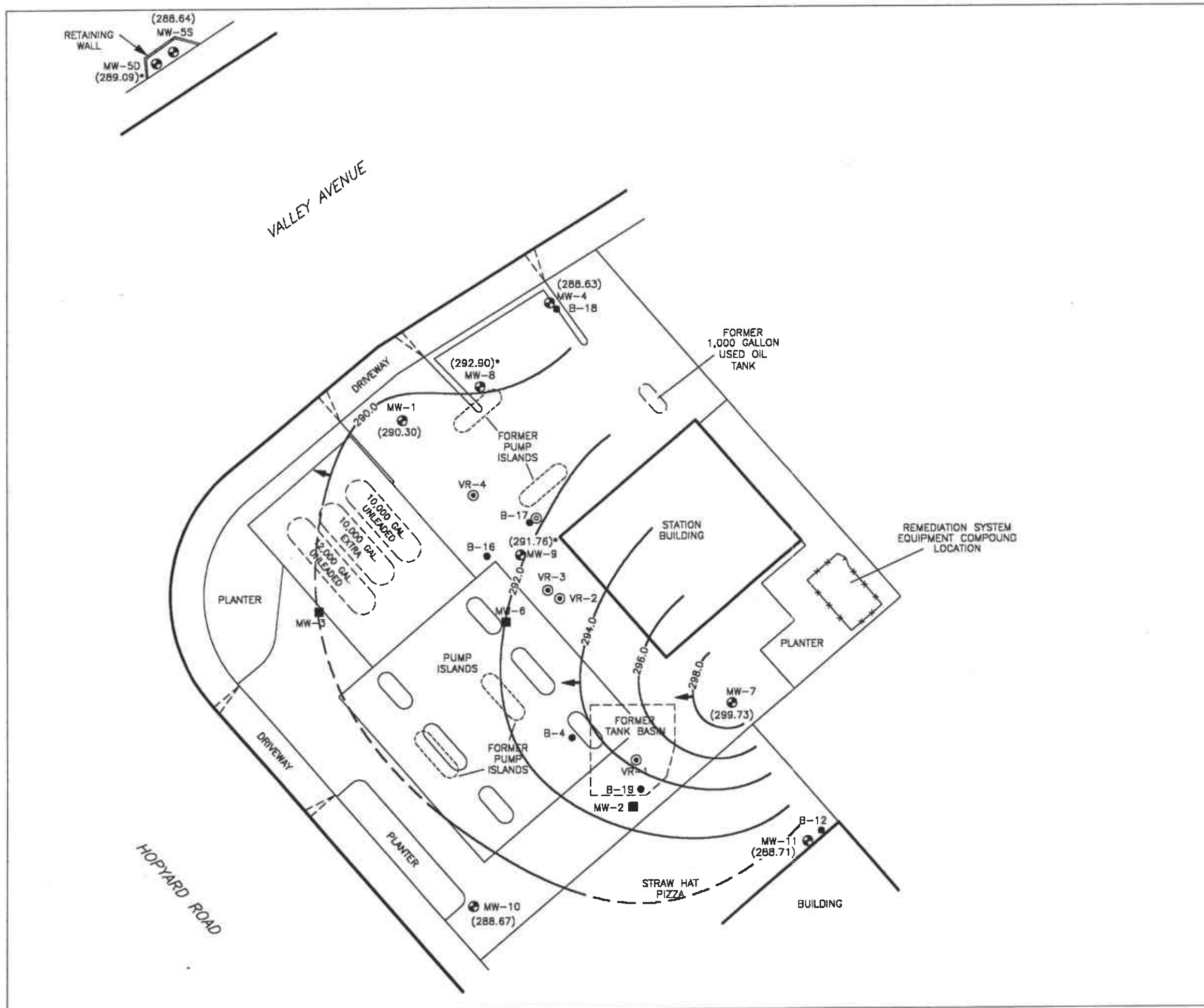


NOTE:
 BASE MAP ADAPTED FROM RESNA FIGURE. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 2
 SITE MAP

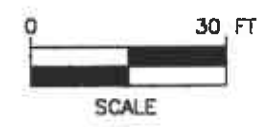
EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 7/8/97	
FILE NO. 94-836-1	PREPARED BY CKA	
REVISION NO. 8	REVIEWED BY CKA	



LEGEND:

- ⊕ MW-1 MONITORING WELL LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- B-12 SOIL BORING LOCATION
- ⊙ 36" WELL BOX/POSSIBLE VAPOR EXTRACTION WELL LOCATION
- (291.76) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 292.0— WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- ➔ GROUND WATER FLOW DIRECTION
- * MONITORING WELLS MW-5D, MW-8, & MW-9 NOT USED IN CONTOUR CONSTRUCTION.

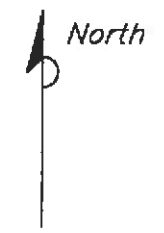
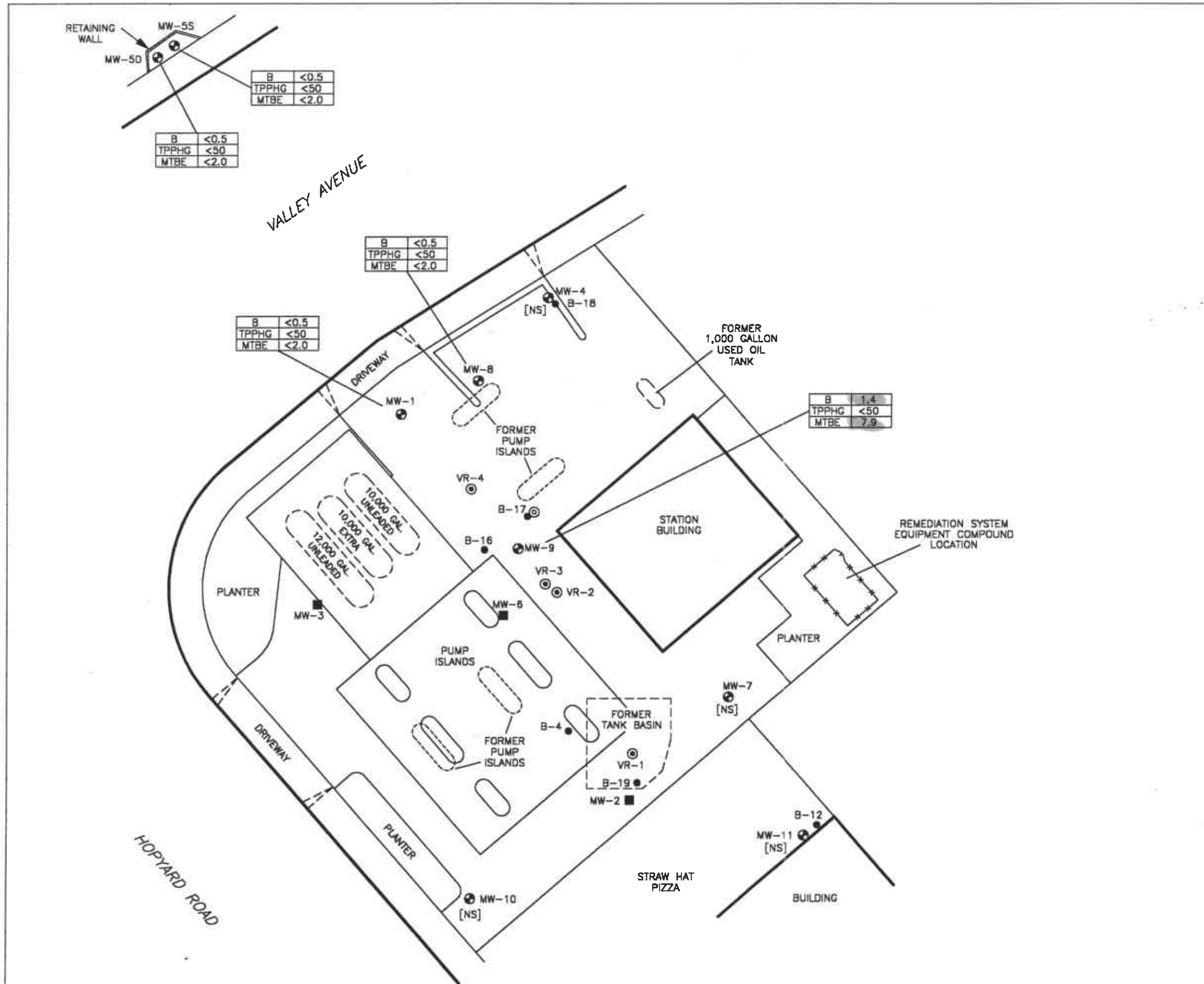


NOTE:
 BASE MAP ADAPTED FROM RESNA FIGURE.SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

FIGURE 3
 GROUND WATER ELEVATION CONTOUR MAP
 12/9/98
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 1/4/99
FILE NO. 94-836-1	PREPARED BY JWS
REVISION NO. 1	REVIEWED BY R.D. 1/19/99

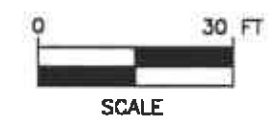




LEGEND:

- ⊕ MW-1 MONITORING WELL LOCATION
 - ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
 - MW-2 DESTROYED MONITORING WELL
 - B-12 SOIL BORING LOCATION
 - ⊙ 36" WELL BOX/POSSIBLE VAPOR EXTRACTION WELL LOCATION
- | | |
|-------|-----|
| B | 1.4 |
| TPPHG | <50 |
| MTBE | 7.9 |
- B BENZENE
 - TPPHG TOTAL PURGABLE PETROLEUM HYDROCARBONS AS GASOLINE
 - MTBE METHYL TERTIARY BUTYL ETHER
- NS NOT SAMPLED

CONCENTRATIONS MEASURED IN MICROGRAMS PER LITER (ug/L)
 MTBE ANALYZED USING EPA METHOD 8260



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

FIGURE 4
 DISSOLVED PETROLEUM HYDROCARBON CONSTITUANTS MAP - 12/09/98
 EXXON STATION NO 7-3399
 2991 HOPYARD ROAD
 PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY M.L. 1/19/99
FILE NO. 94-836-1	PREPARED BY JWS
REVISION NO. 2	REVIEWED BY R.B. 1/19/99



ENCLOSURE A

Field Methods and Procedures

FIELD METHODS AND PROCEDURES

1.0 GROUND WATER AND LIQUID-PHASE PETROLEUM HYDROCARBON

DEPTH ASSESSMENT

A water/petroleum interface probe was used to assess the liquid-phase petroleum hydrocarbons (LPH) thickness if present, and a water level indicator was used to assess ground water depth in monitoring wells that do not contain LPH. Depth to ground water was measured from the top of each monitoring well casing. The tip of the water level indicator was subjectively analyzed for hydrocarbon sheen. All measurements and physical observations were recorded in the field.

2.0 SUBJECTIVE ANALYSIS OF GROUND WATER

Prior to purging, a water sample was collected from the monitoring well for subjective assessment. The sample was retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer was then retrieved and the sample contained within the bailer was examined for floating LPH and the appearance of an LPH sheen.

3.0 MONITORING WELL PURGING AND SAMPLING

Monitoring wells were purged using a centrifugal pump until pH, temperature, and conductivity of the purge water had stabilized and a minimum of three well volumes of water had been removed. Ground water removed from the wells was stored in 55-gallon barrels at the site. The barrels were labeled with corresponding monitoring well numbers and the date of purging. After purging, ground water levels were allowed to stabilize. A ground water sample was then removed from each of the wells using a disposable bailer. If the well was purged dry, it was allowed to sufficiently recharge and a sample was collected. Samples were collected in air-tight vials, appropriately labeled, and stored on ice from the time of collection through the time of delivery to the laboratory. A chain-of-custody form was completed to document possession of the samples. Ground water samples were transported to the laboratory and analyzed within the EPA-specified holding times for the requested analyses. Purge water will be collected from the storage barrels in a vacuum truck and transported to an appropriate facility for treatment and/or disposal.

ENCLOSURE B

Cumulative Ground Water Monitoring Data

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-1	04/02/88	321.44	NM	NC	<0.5	1.7	<0.5	<0.5	<20	NA	NA	NA	Not measured
	04/06/88		36.34	285.10	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/08/88		36.29	285.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/19/88		36.36	285.08	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/06/88		38.16	283.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		38.71	282.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		39.16	282.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/06/88		39.73	281.71	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/13/88		40.22	281.22	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		41.90	279.54	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/07/88		42.27	279.17	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	12/07/88		43.94	277.50	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/19/88		43.70	277.74	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/09/89		42.53	278.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/03/89		NM	NC	1.6	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	03/08/89		41.96	279.48	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/03/89		41.59	279.85	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/26/89		41.67	279.77	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/30/89		43.79	277.65	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/17/89		44.74	276.70	<0.5	<0.5	<0.5	<0.5	23	NA	NA	NA	No LPH
	07/18/89		44.76	276.68	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/19/89		44.82	276.62	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/20/89		44.85	276.59	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/21/89		44.95	276.49	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/26/89		45.42	276.02	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/03/89		46.18	275.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/17/89		47.12	274.32	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/13/89		49.08	272.36	39	0.6	<0.5	5.1	220	NA	NA	NA	No LPH
	11/28/89		50.21	271.23	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	56	0.72	<0.5	0.71	220	NA	NA	NA	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-1	01/09/90	321.44	49.31	272.13	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	01/25/90		NM	NC	18	1.6	<0.5	1.8	57	NA	NA	NA	Not measured
	01/26/90		49.29	272.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.02 ^a	272.42	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.02	272.42	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/27/90		NM	NC	3.2	2.3	<0.5	3.2	55	NA	NA	NA	Not measured
	03/26/90		48.71 ^a	272.73	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	03/26/90		48.70	272.74	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/18/90		48.79	272.65	1.1	1.6	<0.5	3.1	25	NA	NA	NA	No LPH
	05/17/90		49.40	272.04	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	06/11/90		50.83	270.61	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/30/90		52.17	269.27	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/27/90		53.44	268.00	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	09/28/90		53.40	268.04	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		53.35	268.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/91		53.55	267.89	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	05/21/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-1	01/26/93	321.44	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
(Cont.)	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/11/93		53.09	268.35	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		53.32	268.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/01/93		53.40	268.04	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		59.80	261.64	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/15/93		53.45	267.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		53.43	268.01	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	10/28/93		53.38	268.06	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/23/93		53.46	267.98	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	03/10-11/94		53.46	267.98	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		53.34	268.10	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94°		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		52.09	269.35	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		49.41	272.03	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		39.97	281.47	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		40.68	280.76	<0.5	0.83	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	11/30/95		38.99	282.45	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		35.70	285.74	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		34.17	287.27	<0.5	<0.5	<0.5	<0.5	52	<5.0	NA	NA	No LPH
	08/28/96		38.37	283.07	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	11/18/96		38.40	283.04	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	02/28/97		33.29	288.15	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	05/23/97		33.63	287.91	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/23/97		38.05	283.39	<0.5	<0.5	<0.5	<0.5	<50	29	NA	NA	No LPH
	12/30/97		36.74	284.70	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	No LPH
	03/24/98		31.65	289.79	1.4	2.5	<0.5	1.4	<50	16	NA	NA	No LPH
	06/15/98		29.28	292.16	<0.5	<0.5	<0.5	<0.5	<50	22	NA	NA	No LPH
	09/11/98		34.94	286.50	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		31.14	290.30	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-2	04/02/88	NM	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	0.25
	04/04/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	1.5
	04/05/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	1.5
	04/06/88		39.31	NC	NS	NS	NS	NS	NS	NS	NS	NS	3.2
	04/08/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	04/19/88		38.90	NC	NS	NS	NS	NS	NS	NS	NS	NS	2.48
	06/06/88		38.78	NC	NS	NS	NS	NS	NS	NS	NS	NS	0.26
	06/23/88		39.23	NC	NS	NS	NS	NS	NS	NS	NS	NS	0.13
	06/28/88		39.72	NC	NS	NS	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	NA	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	NA	NA	No LPH
	04/08/88		37.14	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/19/88		37.22	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/06/88		39.02	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		39.58	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		40.04	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/06/88		40.60	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/13/88		41.09	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/26/88		42.77	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-4	04/08/88	321.56	36.41	285.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/11/88		NM	NC	1.8	16.3	0.6	7.1	80	NA	NA	NA	Not measured
	04/19/88		36.51	285.05	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/06/88		38.26	283.30	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		38.83	282.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		39.28	282.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/06/88		39.85	281.71	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/13/88		40.31	281.25	<0.5	0.9	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/12/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		42.01	279.55	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/07/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/07/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/19/88		43.83	277.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/09/89		42.67	278.89	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/08/89		42.11	279.45	3.8	1.0	<0.5	<0.5	440	NA	NA	NA	No LPH
	04/03/89		41.73	279.83	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/26/89		41.79	279.77	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/30/89		43.88	277.68	<0.5	<0.5	<0.5	<0.5	100	NA	NA	NA	No LPH
	07/17/89		44.85	276.71	<0.5	<0.5	<0.5	<0.5	390	NA	NA	NA	No LPH
	07/18/89		44.88	276.68	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/19/89		44.92	276.64	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/20/89		44.98	276.58	<0.5	<0.5	<0.5	<0.5	200	NA	NA	NA	No LPH
	07/21/89		45.04	276.52	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/26/89		45.50	276.06	<0.5	<0.5	<0.5	<0.5	66	NA	NA	NA	No LPH
	08/02/89		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/03/89		46.28	275.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/17/89		47.22	274.34	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/13/89		49.19	272.37	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	11/28/89		50.34	271.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	01/09/90		49.47	272.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		49.36	272.20	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.18 ^a	272.38	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-4	02/23/90	321.56	49.15	272.41	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	03/26/90		48.84*	272.72	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	03/26/90		48.83	272.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/18/90		48.90	272.66	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/17/90		50.03	271.53	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		50.98	270.58	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		53.57	267.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/27/90		53.61	267.95	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/28/90		53.57	267.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/27/90		53.68	267.88	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	03/20/91		53.56	268.00	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	06/20/91		53.75	267.81	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/12/91		53.70	267.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/02/92		53.83	267.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/92		53.73	267.83	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		53.76	267.80	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/21/92		54.73	266.83	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		53.80	267.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/14/92		53.60	267.96	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/10/92		53.71	267.85	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/16/92		53.89	267.67	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		53.83	267.73	57	34	11	200	600	NA	NA	NA	No LPH
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		53.64	267.92	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/11/93		53.54	268.02	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		53.62	267.94	20	10	22	80	360	NA	NA	NA	No LPH
	06/01/93		53.52	268.04	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-4	07/15/93	321.56	53.80	267.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	08/15/93		53.65	267.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		54.23	267.33	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	10/28/93		53.54	268.25	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/23/93		53.57	267.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	03/10-11/94		53.64	267.92	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		53.54	268.02	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94 ^a		NM	NM	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		52.96	268.60	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		50.37	271.19	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		44.86	276.70	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		41.71	279.85	<0.5	<0.5	<0.5	<0.5	<50	2.6	NA	NA	No LPH
	11/30/95		39.95	281.61	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		36.76	284.80	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		35.19	286.37	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		39.39	282.17	NS	NS	NS	NS	NS	NS	NA	NA	No LPH
	11/18/96		39.42	282.14	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/28/97		34.38	287.18	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/23/97		34.66	286.90	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/23/97		39.05	282.51	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/30/97		37.78	283.78	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.32	291.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.97	285.59	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		32.93	288.63	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5S	05/25/88	321.64	38.46	283.18	<0.5	0.9	<0.5	<0.5	<20	NA	NA	NA	No LPH
	06/06/88		38.86	282.78	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		39.52	282.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		39.84	281.80	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/06/88		40.45	281.19	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/13/88		40.90	280.74	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/22/88		41.30	280.34	0.9	4.1	1.3	8.7	50	NA	NA	NA	No LPH
	08/05/88		23.84 ^b	297.80	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/12/88		42.21	279.43	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/26/88		42.55	279.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/07/88		42.94	278.70	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	12/07/88		44.67	276.97	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/09/89		43.19	278.45	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/08/89		42.11	279.53	<0.5	<0.5	<0.5	<1.0	<20	NA	NA	NA	No LPH
	04/26/89		41.84	279.80	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/30/89		43.95	277.69	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/17/89		44.91	276.73	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/18/89		44.93	276.71	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/19/89		44.98	276.66	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/20/89		45.02	276.62	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/21/89		45.10	276.54	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/26/89		45.57	276.07	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/03/89		46.31	275.33	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/17/89		47.25	274.39	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/13/89		49.22	272.42	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	11/28/89		50.39	271.25	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	01/09/90		49.51	272.13	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		49.40	272.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.20 ^a	272.44	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.20	272.44	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		48.89 ^a	272.75	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5S	03/26/90	321.64	48.88	272.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	04/18/90		48.95	272.69	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/17/90		50.06	271.58	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		50.98	270.66	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		53.40	268.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	08/27/90		53.60	268.04	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/28/90		53.55	268.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/27/90		53.61	268.03	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	03/20/91		53.56	268.08	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/91		53.73	267.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/12/91		53.78	267.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/91		53.80	267.84	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/30/92		53.82	267.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/02/92		53.82	267.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/14/92		53.74	267.90	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/21/92		53.77	267.87	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		53.81	267.83	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/14/92		53.74	267.90	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/10/92		53.78	267.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/16/92		53.90	267.74	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		53.87	267.77	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/10/92		53.78	267.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/93		53.38	268.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/16/93		53.44	268.20	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/11/93		53.28	268.36	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		53.42	268.22	11	5.9	13	48	220	NA	NA	NA	No LPH
	06/01/93		53.56	268.08	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		53.00	268.64	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/15/93		53.60	268.04	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		53.62	268.02	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5S	10/28/93	321.64	54.62	267.02	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	11/23/93		53.62	268.02	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/10-11/94		53.61	268.03	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		53.52	268.12	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94 ^e		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		53.05	268.59	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	11/16/94		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	02/15/95		50.55	271.09	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		44.96	276.68	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		41.77	279.87	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	11/30/95		39.95	281.69	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		36.80	284.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		35.28	286.36	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		39.46	282.18	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	11/18/96		39.47	282.17	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	02/28/97		34.44	287.20	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	05/23/97		34.72	286.92	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/23/97		39.09	282.55	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/30/97		37.83	283.81	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	No LPH
	03/24/98		32.76	288.88	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		30.46	291.18	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/11/98		36.04	285.60	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		33.00	288.64	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5D	05/25/88	321.79	38.55	283.24	<0.5	3.1	<0.5	<0.5	<20	NA	NA	NA	No LPH
	06/06/88		38.90	282.89	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		39.56	282.23	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		40.23	281.56	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/06/88		40.69	281.10	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/13/88		41.22	280.57	<0.5	<0.5	<0.5	<0.5	40	NA	NA	NA	No LPH
	08/12/88		42.34	279.45	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/26/88		42.60	279.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/07/88		42.99	278.80	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/07/88		44.58	277.21	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/09/89 ^c		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/08/89 ^d		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	03/08/89		42.49	279.30	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/03/89		42.21	279.58	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/26/89		42.36	279.43	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/30/89		44.79	277.00	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/17/89		45.73	276.06	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/18/89		45.75	276.04	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/19/89		44.89	276.90	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/20/89		46.02	275.77	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/21/89		46.18	275.61	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/26/89		46.83	274.96	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	08/02/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/03/89		47.67	274.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/17/89		48.27	273.52	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/13/89		50.60	271.19	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	11/28/89		51.16	270.63	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	01/09/90		50.42	271.37	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		50.10	271.69	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		50.08	271.71	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		49.80 ^f	271.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		49.77	272.02	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5D	04/18/90	321.79	49.80	271.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	05/17/90		51.32	270.47	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		52.10	269.69	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		53.47	268.32	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/01/90		NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/27/90		58.24	263.55	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/90		60.70	261.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/27/90		62.52	259.27	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	03/20/91		59.18	262.61	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	06/20/91		65.02	256.77	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/12/91		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/30/91		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		74.98	246.81	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/14/92		74.42	247.37	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/21/92		75.67	246.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		76.47	245.32	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/11/93		74.03	247.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		70.96	250.83	1.0	1.0	2.5	7.4	<50	NA	NA	NA	No LPH
	06/01/93		67.64	254.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		54.40	267.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/15/93		67.85	253.94	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/29/93		67.62	254.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5D	10/28/93	321.79	66.15	255.49	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	11/23/93		64.80	256.84	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	03/10-11/94		59.10	262.69	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		55.66	265.13	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94 ^e		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		54.36	268.74	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		51.20	270.59	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/09/95		45.49	276.30	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/12/95		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	08/21/95		42.35	279.44	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	11/30/95		43.60	278.19	5.4	10	1.4	12	77	<5.0	NA	NA	No LPH
	03/28/96		37.12	284.67	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		35.67	286.12	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		40.22	281.57	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	11/18/96		39.89	281.90	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	02/28/97		34.75	287.04	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
	05/23/97		35.21	286.58	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
	09/23/97		39.58	282.21	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	09/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	09/23/97		NM	NC	<0.5	1.5	<0.5	<0.5	<50	3.0	NA	NA	Not measured
	12/30/97		38.30	283.49	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	No LPH
Duplicate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	Not measured
Rinseate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	Not measured
	03/24/98		32.77	289.02	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		30.69	291.10	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	06/15/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	09/11/98		36.68	285.11	<0.5	<0.5	<0.5	<0.5	<50	33	NA	NA	No LPH
Duplicate	09/11/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	35	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-5D	10/28/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
(Cont.)	12/09/98		32.70	289.09	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
Duplicate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured
Rinseate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-6	05/11/88	NM	37.31	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/17/88		NM	NM	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	06/06/88		38.70	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/23/88		39.23	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/28/88		39.74	NC	31.8	7.5	5.4	6.7	440	NA	NA	NA	No LPH
	07/13/88		40.78	NC	162.3	7.7	22.5	14.1	290	NA	NA	NA	No LPH
	08/05/88		41.72	NC	245	5.2	47.1	23.7	1,180	NA	NA	NA	No LPH
	08/12/88		42.14	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/17/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/26/88		42.51	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/07/88		42.85	NC	474	16	262	136	2,920	NA	NA	NA	No LPH
	10/24/88		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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-7	07/13/88	321.27	40.50	280.77	860	1,910	710	4,420	16,700	NA	NA	NA	No LPH
	07/22/88		41.85 ^a	279.42	136	85	5	58	460	NA	NA	NA	No LPH
	08/05/88		41.45 ^a	279.82	73.3	52.8	2.3	28.1	270	NA	NA	NA	No LPH
	08/12/88		42.69	278.58	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	09/07/88		42.60	278.67	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/07/88		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/17/89		43.20	278.07	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	02/09/89		NM	NC	600	688	10	448	6,700	NA	NA	NA	Not measured
	06/30/89		NM	NC	180	50	13	40	1,100	NA	NA	NA	Not measured
	08/02/89		NM	NC	1.6	<0.5	<0.5	0.6	31	NA	NA	NA	Not measured
	09/13/89		NM	NC	<0.5	2.6	<0.5	12	87	NA	NA	NA	Not measured
	10/12/89		49.93	271.34	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/28/89		57.61 ^a	263.66	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	01/09/90		57.57 ^a	263.70	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		57.54 ^a	263.73	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		49.08	272.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		55.26 ^a	266.01	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		48.93	272.34	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		57.52 ^a	263.75	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		48.60	272.67	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/18/90		57.55 ^a	263.72	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/17/90		57.40 ^a	263.87	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		50.68	270.59	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	08/27/90		53.05	268.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		54.11	267.16	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/91		55.14	266.13	<0.5	1.8	0.6	4.1	74	NA	NA	NA	No LPH
	09/12/91		55.84	265.43	3.5	<0.5	1.7	6.8	<50	NA	NA	NA	No LPH
	12/30/91		55.21	266.06	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	01/30/92		54.88	266.39	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-7	03/02/92	321.27	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
(Cont.)	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	05/21/92		53.36	267.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		54.20	267.07	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	07/14/92		53.31	267.96	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/10/92		54.01	267.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/16/92		55.97	265.30	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/07/92		56.09	265.18	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/09/92		54.16	267.11	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/10/92		56.02	265.25	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/93		56.15	265.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/16/93		56.23	265.04	28	30	17	200	600	NA	NA	NA	No LPH
	03/11/93		55.82	265.45	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		55.45	265.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/01/93		54.90	266.37	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		54.50	266.77	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/15/93		54.25	267.02	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		54.55	266.72	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/28/93		54.94	266.92	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/23/93		54.73	266.54	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	03/10-11-94		52.83	268.44	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		52.77	268.50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94°		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		52.74	268.53	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		50.05	271.22	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		44.61	276.66	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		41.40	279.87	<0.5	<0.5	<0.5	<0.5	<50	4.1	NA	NA	No LPH
	11/30/95		39.64	281.63	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		36.42	284.85	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		34.87	286.40	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-7	08/28/96	321.27	39.11	282.16	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	11/18/96		39.10	282.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/28/97		34.03	287.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/23/97		34.36	286.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/23/97		38.66	282.61	<0.5	<0.5	<0.5	<0.5	<50	4.4	NA	NA	No LPH
	12/30/97		37.45	283.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/98		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.05	291.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.63	285.64	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NS	NS	No LPH
	12/09/98		21.54	299.73	NS	NS	NS	NS	NS	NS	NS	NS	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-8	10/01/89	321.86	53.88	267.98	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/03/89		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	11/28/89		53.74	268.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		NM	NC	<0.5	<0.5	<0.5	0.61	<20	NA	NA	NA	Not measured
	01/09/90		57.90	263.96	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		53.57	268.29	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/31/90		NM	NC	<0.5	<0.5	<0.5	0.87	<20	NA	NA	NA	Not measured
	02/09/90		NM	NC	<0.5	<0.5	<0.5	1.1	<20	NA	NA	NA	Not measured
	(Blank)		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	02/23/90		52.16	269.70	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		52.80 ^a	269.06	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	(Blank)		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	04/18/90		51.60	270.26	<0.5	0.58	<0.5	1.1	<20	NA	NA	NA	No LPH
	05/17/90		58.21	263.65	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	06/11/90		58.65	263.21	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	07/30/90		64.33	257.53	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/01/90		NM	NC	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	Not measured
	08/27/90		70.41	251.45	<0.5	<0.5	<0.5	0.5	<20	NA	NA	NA	No LPH
	09/28/90		71.93	249.93	<0.5	<0.5	<0.5	0.5	<50	NA	NA	NA	No LPH
	12/27/90		66.60	255.26	<0.5	<0.5	<0.5	0.6	<50	NA	NA	NA	No LPH
	03/20/91		60.75	261.11	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	06/20/91		88.77	233.09	<0.5	<0.5	<0.5	0.6	<50	NA	NA	NA	No LPH
	09/12/91		103.17	218.69	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/14/91		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	12/30/91		81.15	240.71	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	01/30/92		81.69	240.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/02/92		78.45	243.41	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/92		76.55	245.31	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	04/14/92		75.56	246.30	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/21/92		86.99	234.87	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		91.69	230.17	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	07/14/92		94.65	227.21	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/10/92		95.02	226.84	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-8	09/16/92	321.86	91.90	229.96	<0.5	0.9	<0.5	<0.5	<50	NA	NA	NA	No LPH
(Cont.)	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		84.35	237.51	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/10/92		82.20	239.66	<0.5	0.6	<0.5	<0.5	<50	NA	NA	NA	No LPH
	01/26/93		78.63	243.23	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/16/93		76.90	244.96	0.7	0.6	<0.5	2.3	<50	NA	NA	NA	No LPH
	03/11/93		74.39	247.47	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		71.20	250.66	26	7.3	11	38	230	NA	NA	NA	No LPH
	06/01/93		68.04	253.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		78.05	243.81	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/15/93		78.45	243.41	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		73.64	248.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	10/28/93		67.53	253.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/23/93		64.68	256.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	03/10-11/94		59.26	262.60	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/04-05/94		56.84	265.02	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/01/94°		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		55.47	266.39	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		52.00	269.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/09/95		46.60	275.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/12/95		NM	NC	2.3	1.2	2.0	7.4	<50	NA	NA	NA	No LPH
	08/21/95		43.86	278.00	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	11/30/95		41.25	280.61	<0.5	<0.5	0.69	2.7	<50	<5.0	NA	NA	No LPH
	03/28/96		37.71	284.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		36.71	285.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		42.80	279.06	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-8	11/18/96	321.86	40.78	281.08	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
(Cont.)	02/28/97		35.14	286.72	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	02/28/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
	05/23/97		36.41	285.45	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	05/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
	09/23/97		41.22	280.64	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	09/23/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
Rinseate	09/23/09		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	Not measured
	12/30/97		39.81	282.05	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	No LPH
Duplicate	12/30/97		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	ND	<1.0	Not measured
Rinseate	12/30/97		NM	NC	<0.5	0.52	<0.5	<0.5	<50	NA	3.2 ^f	<1.0	Not measured
	03/24/98		31.46	290.40	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	06/15/98		31.43	290.43	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
Duplicate	06/15/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	09/11/98		38.73	283.13	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
Duplicate	09/11/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	12/09/98		28.96	292.90	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	No LPH
Duplicate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured
Rinseate	12/09/98		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	<2.0 ^f	NA	NA	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-9	10/03/89	321.44	NM	NC	1,000	9,200	3,000	13,000	89,000	NA	NA	NA	No LPH
	10/12/89		50.24	271.20	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/28/89		50.59	270.85	NS	NS	NS	NS	NS	NS	NS	NS	0.10
	12/01/89		50.32	271.12	NS	NS	NS	NS	NS	NS	NS	NS	0.02
	12/07/89		50.13	271.31	NS	NS	NS	NS	NS	NS	NS	NS	0.16
	12/13/89		49.91	271.53	NS	NS	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	NA	NA	Slight Sheen
	01/02/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/09/90		49.39	272.05	NS	NS	NS	NS	NS	NS	NS	NS	Slight Sheen
	01/25/90		NM	NC	2,400	9,400	2,700	15,000	77,000	NA	NA	NA	Not measured
	01/26/90		49.30	272.14	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.06 ^a	272.38	1,200	7,100	2,300	14,000	97,000	NA	NA	NA	No LPH
	02/23/90		49.05	272.39	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		48.75 ^a	272.69	1,800	7,700	2,000	11,000	89,000	NA	NA	NA	No LPH
	03/26/90		48.73	272.71	NS	NS	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	NA	NA	No LPH
	05/17/90		49.96	271.48	1,500	5,700	2,300	14,000	81,000	NA	NA	NA	No LPH
	06/11/90		51.58	269.86	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/90		NM	NC	<0.5	<0.5	<0.5	<0.5	430	NA	NA	NA	No LPH
	07/30/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/27/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/27/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/20/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/20/91		49.63	271.81	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	03/24/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	05/21/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments		
MW-9 (Cont.)	06/08/92	321.44	NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured		
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured		
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not measured	
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not measured	
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Not measured	
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	02/16/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	03/11/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	04/12/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	06/01/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	07/15/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	08/15/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	09/29/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	10/28/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	11/23/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	03/10-11/94		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	05/04-05/94		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry	
	11/16/94			52.62	268.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/15/95			49.76	271.68	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	05/09/95			44.30	277.14	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	NA	No LPH
	08/21/95			41.11	280.33	270	51	5.2	140	1,100	<25	NA	NA	NA	No LPH
	11/30/95			39.40	282.04	920	680	120	870	6,600	<100	NA	NA	NA	No LPH
	03/28/96			36.13	285.31	72	28	1.8	49	360	<10	NA	NA	NA	No LPH
	05/31/96			34.56	286.88	2,800	510	<50	400	8,200	<5.0	NA	NA	NA	No LPH
	08/28/96			38.80	282.64	1.6	<0.5	<0.5	9.6	160	28	NA	NA	NA	No LPH
11/18/96		38.74	282.70	2,000	610	130	790	7,100	<200	NA	NA	NA	No LPH		
02/28/97		33.74	287.70	2,900	2,600	280	2,400	22,000	4,200	NA	NA	NA	No LPH		
05/23/97		33.77	287.67	5,300	5,200	800	3,900	32,000	1,600	NA	NA	NA	No LPH		
09/23/97		320.68	38.17	282.51	<0.5	<0.5	<0.5	<50	20	NA	NA	NA	No LPH		
12/30/97			38.83	281.85	840	750	80	310	4,600	NA	1,100 ^f	<1.0	No LPH		

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-9	03/24/98	320.68	31.32	289.36	11,000	16,000	1,200	6,200	62,000	7,000	NA	NA	No LPH
(Cont.)	06/15/98		28.72	291.96	1.8	2.7	<0.5	3.8	<50	8.1	NA	NA	No LPH
	09/11/98		31.52	289.16	1.5	0.97	<0.5	1.1	<50	7.1	NA	NA	No LPH
	12/09/98		28.92	291.76	1.4	2.9	<0.5	<0.5	<50	7.9 ^f	NA	NA	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-10	10/12/89	322.99	51.93	271.06	<0.5	<0.5	<0.5	<0.5	20	NA	NA	NA	No LPH
	11/28/89		51.88	271.11	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		51.47	271.52	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	01/09/90		50.98	272.01	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		50.87	272.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		50.67 ^a	272.32	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		50.65	272.34	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		50.36 ^a	272.63	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	03/26/90		50.35	272.64	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/18/90		50.45	272.54	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		51.16	271.83	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		55.72	267.27	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/27/90		57.75	265.24	<0.5	<0.5	<0.5	<0.5	<20	NA	NA	NA	No LPH
	09/28/90		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/27/90		58.08	264.91	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/20/91		57.80	265.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/91		58.00	264.99	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/12/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/30/91		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	01/30/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/02/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/24/92		58.53	264.46	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/21/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	06/08/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	07/14/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/16/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/07/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/09/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	12/10/92		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	01/26/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	02/16/93		58.23	264.76	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-10	03/11/93	322.99	57.81	265.18	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	04/12/93		57.84	265.15	21	11	21	75	350	NA	NA	NA	No LPH
	06/01/93		57.88	265.11	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	07/15/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	08/15/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/29/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	10/28/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	11/23/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	03/10-11/94		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	05/04-05/94		57.21	265.78	NS	NS	NS	NS	NS	NS	NS	NS	Dry
	09/01/94*		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	11/16/94		54.82	268.17	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	02/15/95		51.90	271.09	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		46.32	276.67	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		43.06	279.93	<0.5	<0.5	<0.5	<0.5	<50	<2.5	NA	NA	No LPH
	11/30/95		41.34	281.65	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		38.15	284.84	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		36.61	286.38	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		40.86	282.13	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/18/96		40.90	282.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/28/97		35.75	287.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/23/97		36.07	286.92	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/23/97		40.41	282.58	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/97		38.20	284.79	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/98		34.12	288.87	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		31.79	291.20	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.40	287.59	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/09/98		34.32	288.67	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-11	11/10/89	321.77	50.64	272.13	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/16/89		NM	NC	4.1	9.4	0.74	20	150	NA	NA	NA	Not measured
	11/28/89		50.51	272.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/20/89		51.47	271.30	7.2	7.5	2.9	13	150	NA	NA	NA	No LPH
	01/09/90		49.68	273.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/90		49.55	273.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.37 ^a	273.40	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/23/90		49.35	273.42	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/26/90		49.03 ^a	273.74	<0.5	<0.5	<0.5	2.7	32	NA	NA	NA	No LPH
	04/18/90		49.12	273.65	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/17/90		50.30	272.47	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/11/90		51.16	271.61	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/30/90		53.50	269.27	<0.5	<0.5	<0.5	3.8	26	NA	NA	NA	No LPH
	08/27/90		53.65	269.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/28/90		53.62	269.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/27/90		53.63	269.14	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/20/91		53.26	269.51	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/20/91		53.60	269.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/12/91		53.60	269.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/91		53.95	268.82	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/30/92		53.65	269.12	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/02/92		53.68	269.09	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/92		53.70	269.07	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/14/92		53.66	269.11	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/21/92		53.62	269.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	06/08/92		53.61	269.16	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/14/92		53.53	269.24	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/10/92		53.58	269.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/16/92		53.60	269.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	10/07/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	11/09/92		DRY	DRY	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	12/10/92		53.59	269.18	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	01/26/93		53.67	269.10	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
MW-11	02/16/93	321.77	53.60	269.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
(Cont.)	03/11/93		53.58	269.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	04/12/93		53.54	269.23	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	06/01/93		53.52	269.25	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	07/15/93		53.60	269.17	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	08/15/93		53.55	269.22	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/29/93		53.62	269.15	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/30/93		NM	NC	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	10/28/93		53.63	269.14	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/23/93		53.58	268.19	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/24/93		NM	NC	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured
	03/10-11/94		53.61	268.16	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/04-05/94		53.51	268.26	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/16/94		53.46	268.31	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/15/95		50.57	271.20	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	05/09/95		45.05	276.72	<0.5	<0.5	<0.5	<0.5	<50	NA	NA	NA	No LPH
	08/21/95		41.88	279.89	<0.5	<0.5	<0.5	<0.5	<50	2.8	NA	NA	No LPH
	11/30/95		40.04	281.73	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	03/28/96		36.90	284.87	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	05/31/96		35.34	286.43	<0.5	<0.5	<0.5	<0.5	<50	<5.0	NA	NA	No LPH
	08/28/96		39.56	282.21	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	11/18/96		39.56	282.21	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	02/28/97		34.50	287.27	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	05/23/97		34.80	286.97	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/23/97		39.18	282.59	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/30/97		37.94	283.83	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	03/24/98		32.86	289.65	NS	NS	NS	NS	NS	NS	NS	NS	Not measured
	06/15/98		30.49	291.28	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	09/11/98		35.96	285.81	NS	NS	NS	NS	NS	NS	NS	NS	No LPH
	12/09/98		33.06	288.71	NS	NS	NS	NS	NS	NS	NS	NS	No LPH

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)	Oxygenate Compounds (µg/L)	Industrial Solvents (mg/L)	Comments
VR-1	03/24/92		NM	NC	1.7	<0.5	<0.5	<0.5	<50	NA	NA	NA	Not measured

^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.

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.

Oxygenate compounds = Ethanol, tertiary butanol, methyl tertiary butyl ether, diisopropyl ether, ethyl tertiary butyl ether, tertiary amyl methyl ether.

Concentrations confirmed by EPA Method 8260.

LPH = Liquid-phase petroleum hydrocarbons.

NA = Not analyzed.

ND = Not detected at or above the laboratory's reporting limits.

NS = Not sampled.

NM = Not measured.

NC = Not calculated.

NOTE: Elevation detection limit quantified by multiplying laboratory limits by report limit multiplication factor.

ENCLOSURE C

Laboratory Analytical Reports



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

Client Proj. ID: Exxon 7-3399, DO94-836
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8260
Lab Number: 9812860-01

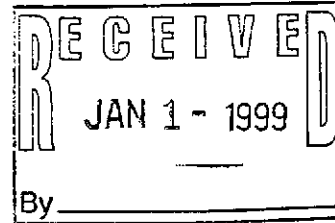
Sampled: 12/09/98
Received: 12/10/98
Analyzed: 12/16/98
Reported: 12/29/98

Attention: Jim Brownell

QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	103



Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Stewart

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-01	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-5S Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-02	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
---	--	---

QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager



Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-5S Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-02	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
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QC Batch Number: GC121898BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-5D Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-03	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
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QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-5D Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-03	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-8 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-04	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
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QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	104

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-04	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-9 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-05	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	7.9
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: MW-9 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-05	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		
QC Batch Number: GC121898BTEX17A Instrument ID: GCHP17		

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	1.4
Toluene	0.50	2.9
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	91

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager



Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: XDUP-MW-5D Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-06	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
Attention: Jim Brownell		

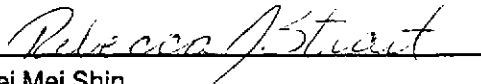
QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: XDUP-MW-5D Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-06	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	97

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: XDUP-MW-8 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-07	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
Attention: Jim Brownell		

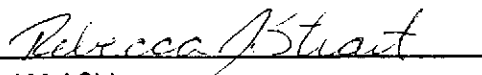
QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	103

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: XDUP-MW-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-07	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	92

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: R-MW-5D Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9812860-08	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/16/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	101

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: R-MW-5D Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-08	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
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QC Batch Number: GC121898BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	90

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mei Mei Shin

Mei Mei Shin
Project Manager



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

Client Proj. ID: Exxon 7-3399, DO94-836
Sample Descript: R-2MW-8
Matrix: LIQUID
Analysis Method: EPA 8260
Lab Number: 9812860-09

Sampled: 12/09/98
Received: 12/10/98
Analyzed: 12/16/98
Reported: 12/29/98

Attention: Jim Brownell

QC Batch Number: MS121598MTBEH6A
Instrument ID: H6

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76 114	107

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670	Client Proj. ID: Exxon 7-3399, DO94-836 Sample Descript: R-2MW-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9812860-09	Sampled: 12/09/98 Received: 12/10/98 Analyzed: 12/18/98 Reported: 12/29/98
Attention: Jim Brownell		

QC Batch Number: GC121898BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Rebecca Strait

Mei Mei Shin
Project Manager





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

Client Proj. ID: Exxon 7-3399, DO94-836

Received: 12/10/98

Lab Proj. ID: 9812860

Reported: 12/29/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of _____ pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Rebecca Strait

Mei Mei Shin
Project Manager





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FAX (707) 792-0342

Delta Environmental 3164 Gold Camp Drive, #200 Rancho Cordova, CA 95670 Attention: Jim Brownell	Client Project ID: Exxon 7-3399, D094-836 QC Sample Group: 9812860-01-05	Reported: Dec 29, 1998
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QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	MM			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes

QC Batch #: GC121898BTEX17A

Sample No.: GW9812881-4

Date Prepared:	12/18/98	12/18/98	12/18/98	12/18/98
Date Analyzed:	12/18/98	12/18/98	12/18/98	12/18/98
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	9.1	9.1	9.9	27
% Recovery:	91	91	99	90
Matrix				
Spike Duplicate, ug/L:	9.3	8.9	9.4	27
% Recovery:	93	89	94	90
Relative % Difference:	2.2	2.2	5.2	0.0
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#: GC121898BTEX17A

Date Prepared:	12/18/98	12/18/98	12/18/98	12/18/98
Date Analyzed:	12/18/98	12/18/98	12/18/98	12/18/98
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	9.0	8.8	9.5	26
LCS % Recovery:	90	88	95	87

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Rebecca Strait
Rebecca Strait
Project Manager





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

Client Project ID: Exxon 7-3399, D094-836

QC Sample Group: 9812860-06-09

Reported: Dec 29, 1998

QUALITY CONTROL DATA REPORT

Matrix: Liquid
Method: EPA 8020
Analyst: MM

ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes
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QC Batch #: GC121898BTEX02A

Sample No.: GW9812851-1

	12/18/98	12/18/98	12/18/98	12/18/98
Date Prepared:	12/18/98	12/18/98	12/18/98	12/18/98
Date Analyzed:	12/18/98	12/18/98	12/18/98	12/18/98
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02

Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30

Matrix Spike, ug/L:	9.8	10	10	30
% Recovery:	98	100	100	100

Matrix				
Spike Duplicate, ug/L:	9.5	9.7	9.8	30
% Recovery:	95	97	98	100

Relative % Difference:	3.1	3.0	2.0	0.0
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RPD Control Limits:	0-25	0-25	0-25	0-25
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LCS Batch#: GC121898BTEX02A

	12/18/98	12/18/98	12/18/98	12/18/98
Date Prepared:	12/18/98	12/18/98	12/18/98	12/18/98
Date Analyzed:	12/18/98	12/18/98	12/18/98	12/18/98
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02

Conc. Spiked, ug/L:	10	10	10	30
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LCS Recovery, ug/L:	9.7	9.8	9.9	30
LCS % Recovery:	97	98	99	100

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

Please Note:

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL

Rebecca J. Strait
Rebecca Strait
Project Manager



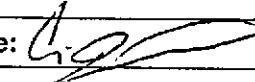


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EXXON COMPANY, U.S.A.

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

CHAIN OF CUSTODY

Consultant's Name: DELTA ENV. CONSULTANTS		Page <u>1</u> of <u>1</u>
Address: 3164 GOLD CAMP DRIVE, RANCHO CORDOVA		Site Location: PLEASANTON
Project #:	Consultant Project #: D894-836	Consultant Work Release #: 19432526
Project Contact: Jim BROWNELL	Phone #: (916) 638-2765	Laboratory Work Release #:
EXXON Contact:	Phone #:	EXXON RAS #: 7-3399
Sampled by (print): C. JIMMERSON	Sampler's Signature: 	
Shipment Method: LAB / COURIER	Air Bill #:	

TAT: 24 hr 48 hr 72 hr 96 hr Standard (10 day) **9912860**

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont. <small>LOA</small>	Sequoia's Sample #	ANALYSIS REQUIRED				Temperature: _____		
							TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE 8260	Inbound Seal: Yes No	Outbound Seal: Yes No	
MW-1	12/14/98	1008	H ₂ O	HCl	6	01	X				X		
MW-5S		1425				02							
MW-5D		1450				03							
MW-8		1325				04							
MW-9		1052				05							
XDUP-MW-5D		1450			3	06							
XDUP-MW-8		1325				07							
R-MW-5D		1450				08							
R-2MW-8		1325				09							

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
Craig Jimmerson / DELTA	12-10-98	10:20	Steve Reatz / Dynamax	12-10	10:20	
Steve Reatz	12-10-98	13:01	Steve Reatz / Dynamax	12-10	13:01	
			Jeri Sant / SEQUOIA	12-10	13:01	

Pink - Client
Yellow - Sequoia
White - Sequoia

RMW-8 on bottles.