

**EXXON** COMPANY, U.S.A.

P.O. BOX 4032 • CONCORD, CA 94524-4032

MARKETING DEPARTMENT • ENVIRONMENTAL ENGINEERING

MARLA D. GUENSLER  
SENIOR ENGINEER

(510) 246-8776  
(510) 246-8798 FAX

March 7, 1996

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, CA**

Dear Mr. Mueller:

Attached for your review and comment is a report entitled *Quarterly Ground Water Monitoring Report, Fourth Quarter 1995* for the above referenced site. This report, prepared by Delta Environmental Consultants, Inc., of Rancho Cordova, California, details the results of the November 1995 groundwater monitoring and sampling event.

If you have any questions or comments, please contact me at (510) 246-8776.

Sincerely,



Marla D. Guensler  
Senior Engineer

MDG/jb

attachment: Delta Quarterly Report dated January 15, 1996

cc: w/attachment:

Mr. Sum Arigalia - San Francisco Bay Region WQCB  
Mr. Jerry Killingstad - Alameda Co. Flood Control (Zone-7)  
Mr. Steve Cusenza - City of Pleasanton Public Works Dept.

w/o attachment:

Ms. Linda McGahan - Delta



3164 Gold Camp Drive  
Suite 200  
Rancho Cordova, CA 95670  
916/638-2085  
FAX: 916/638-8385

January 15, 1996

Ms. Marla Guensler  
Exxon Company, U.S.A.  
Post Office Box 4032  
Concord, California 94524-2032

Subject: *Quarterly Ground Water Monitoring Report, Fourth Quarter 1995*  
Exxon Retail 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 letter report presents the results of quarterly ground water monitoring and sampling conducted for the fourth quarter on November 30, 1995. The location of the site is shown in Figure 1 and site features are illustrated in Figure 2. All work conducted at the site by Delta was performed in accordance with the field methods and procedures described in Enclosure A.

#### Ground Water Elevations, Flow Direction, and Hydraulic Gradient

Ground water elevations were measured in on-site monitoring wells MW-1, MW-4, MW-7, MW-8, MW-9, MW-10 and off-site monitoring wells MW-5D, MW-5S, and MW-11 on November 30, 1995. Depth to ground water in the monitoring wells ranged from 38.99 (MW-1) to 43.60 (MW-5D) feet below the tops of the well casings. **Ground water elevation levels increased an average of 1.9 feet in all wells except monitoring well MW-5D since the previous quarter.** Ground water elevation measurements recorded by Delta are presented in Table 1. Previous ground water elevation measurements recorded by RESNA Industries Inc. (April 6, 1988 to November 23, 1993) are included in Enclosure B.

A water table contour map constructed from the ground water elevations recorded on November 30, 1995, is included as Figure 3. ~~The water table contours illustrated in Figure 3 indicate~~ **that ground water in the upper aquifer flowed from the northeast to the southeast across the site.** Based on the water table contour map, the estimated hydraulic gradient is approximately 0.01. The ground water elevation measurements from monitoring wells MW-5D and MW-8 were not included in the contour map because the wells are screened in a deeper aquifer.

#### Subjective Analysis

No liquid-phase petroleum hydrocarbons or hydrocarbon sheens were present in the wells during the November 1995 sampling visit.

*no!*  
*What about GW elev.  
of MW-11?*

Ms. Marla Guensler  
Exxon Company, U.S.A.  
January 15, 1996  
Page 2

### Analytical Results

Ground water samples were collected from monitoring wells MW-1, MW-4, MW-5S, MW-5D, MW-7, MW-8, MW-9, MW-10, and MW-11 on November 30, 1995, and submitted to Sequoia Analytical (a California-certified laboratory) for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), and methyl tertiary butyl ether (MTBE) by EPA Method 8020, and total petroleum hydrocarbons (TPH) as gasoline by EPA Method 8015 Modified. The analytical laboratory results are summarized in Table 2. Analytical laboratory results obtained from previous consultants (April 2, 1988 through November 24, 1993) are included in Enclosure C.

The analytical results indicate that all hydrocarbon constituents in samples collected from the monitoring wells with the exception of the samples obtained from MW-5D, MW-8, and MW-9, were below the BTEX laboratory detection limits. The analytical results indicated the ground water sample from MW-9 contained benzene at a concentration of 920 micrograms per liter ( $\mu\text{g/L}$ ), toluene at 680  $\mu\text{g/L}$ , ethylbenzene at 120  $\mu\text{g/L}$ , and total xylenes at 870  $\mu\text{g/L}$ . Additionally, BTEX constituents were detected in ground water samples from MW-5D and MW-8. MTBE was not detected in any of the ground water samples above the laboratory detection limits. A copy of the laboratory analytical report for November 30, 1995, is included in Enclosure D.

### Future Work

The next quarterly monitoring event for this site is scheduled for February 1996.

### 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. Sum Arigalia  
California Regional Water Quality  
Control Board  
San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, California 94612

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

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

Mr. Rich Mueller  
Pleasanton Fire Department  
4444 Railroad Street  
Pleasanton, California 94566

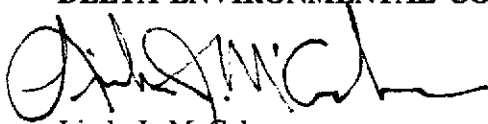
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Ms. Marla Guensler  
Exxon Company, U.S.A.  
January 15, 1996  
Page 3

If you have any questions, please contact Linda McGahan at (916) 638-2085.

Sincerely,

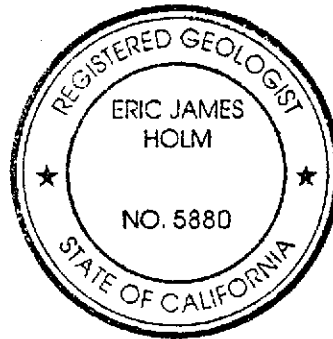
**DELTA ENVIRONMENTAL CONSULTANTS, INC.**



Linda J. McGahan  
Project Manager



Eric J. Holm, R.G.  
California Registered Geologist No. 5880



LJM (LRP044.CAC)  
Enclosures

TABLE 1

## GROUND WATER ELEVATION MEASUREMENTS

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

<u>Monitoring Well</u>	<u>Date</u>	<u>Top of Riser Elevation (ft)</u>	<u>Depth to Water (ft)</u>	<u>Ground Water Elevation (ft)</u>
MW-1	11/16/94	321.44	52.09	269.35
	02/15/95		49.41	272.03
	05/09/95		39.97	281.47
	08/21/95		40.68	280.76
	11/30/95		38.99	282.45
MW-4	11/16/94	321.56	52.96	268.60
	02/15/95		50.37	271.19
	05/09/95		44.86	276.70
	08/21/95		41.71	279.85
	11/30/95		39.95	281.61
MW-5S	11/16/94	321.64	53.05	268.59
	02/15/95		50.55	271.09
	05/09/95		44.96	276.68
	08/21/95		41.77	279.87
	11/30/95		39.95	281.69
MW-5D	11/16/94	321.79	54.36	268.74
	02/15/95		51.20	270.59
	05/09/95		45.49	276.30
	08/21/95		42.35	279.44
	11/30/95		43.60	278.19
MW-7	11/16/94	321.27	52.74	268.53
	02/15/95		50.05	271.22
	05/09/95		44.61	276.66
	08/21/95		41.40	279.87
	11/30/95		39.64	281.63
MW-8	11/16/94	321.86	55.47	266.39
	02/15/95		52.00	269.86
	05/09/95		46.60	275.26
	08/21/95		43.86	278.00
	11/30/95		41.25	280.61
MW-9	11/16/94	321.44	52.62	268.82
	02/15/95		49.76	271.68
	05/09/95		44.30	277.14
	08/21/95		41.11	280.33
	11/30/95		39.40	282.04

TABLE 1-Continued

GROUND WATER ELEVATION MEASUREMENTS

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

<u>Monitoring Well</u>	<u>Date</u>	<u>Top of Riser Elevation (ft)*</u>	<u>Depth to Water (ft)</u>	<u>Ground Water Elevation (ft)</u>
MW-10	11/16/94	322.99	54.82	268.17
	02/15/95		51.90	271.09
	05/09/95		46.32	276.67
	08/21/95		43.06	279.93
	11/30/95		41.34	281.65
MW-11	11/16/94	321.77	53.46	268.31
	02/15/95		50.57	271.20
	05/09/95		45.05	276.72
	08/21/95		41.88	279.89
	11/30/95		40.04	281.73

\* The tops of the well risers were surveyed relative to mean sea level.

TABLE 2

## GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ( $\mu\text{g/L}$ )

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

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH <sup>a</sup> as gasoline	MTBE <sup>b</sup>
MW-1	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA <sup>c</sup>
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	0.83	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-4	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	2.6
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-5S	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-5D	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	NS <sup>d</sup>	NS	NS	NS	NS	NS
	05/12/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	10	1.4	12	77	<5.0
MW-7	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	4.1
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-8 <sup>e</sup>	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	NS	NS	NS	NS	NS	NS
	05/12/95	2.3	1.2	2.0	7.4	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	0.69	2.7	<50	<5.0
MW-9	11/16/94	NS	NS	NS	NS	NS	NS
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	270	51	5.2	140	1,100	<25
	11/30/95	920	680	120	870	6,600	<100

TABLE 2-Continued

## GROUND WATER ANALYTICAL RESULTS

Concentrations in micrograms per liter ( $\mu\text{g/L}$ )

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

Monitoring Well	Date	Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH <sup>a</sup> as gasoline	MTBE <sup>b</sup>
MW-10	11/16/94	<0.5	<0.5	<0.5	<0.5	<50	NA
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	<2.5
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0
MW-11	11/16/94	NS	NS	NS	NS	NS	NS
	02/15/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	05/09/95	<0.5	<0.5	<0.5	<0.5	<50	NA
	08/21/95	<0.5	<0.5	<0.5	<0.5	<50	2.8
	11/30/95	<0.5	<0.5	<0.5	<0.5	<50	<5.0

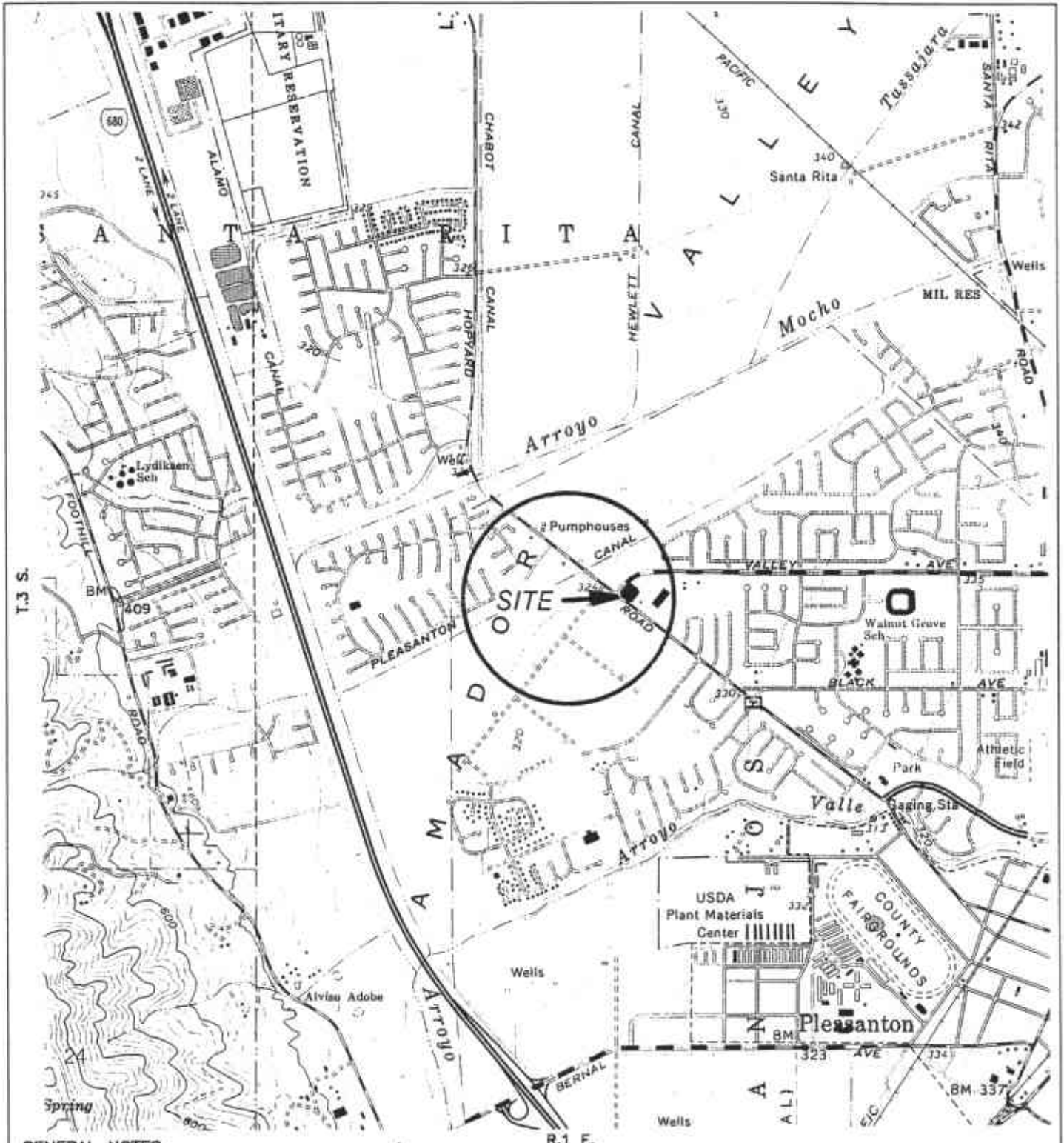
<sup>a</sup> Total petroleum hydrocarbons by EPA Method 8015 Modified.

<sup>b</sup> Methyl tertiary butyl ether by EPA Method 8020.

<sup>c</sup> Not analyzed.

<sup>d</sup> Not sampled.





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

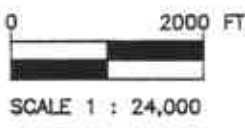
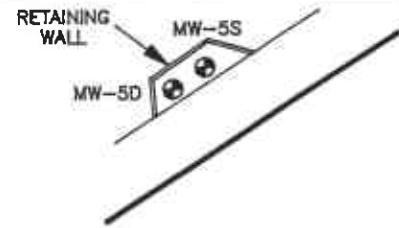


FIGURE 1  
 SITE LOCATION MAP  
 EXXON STATION NO 7-3399  
 2991 HOPYARD ROAD  
 PLEASANTON, CA.

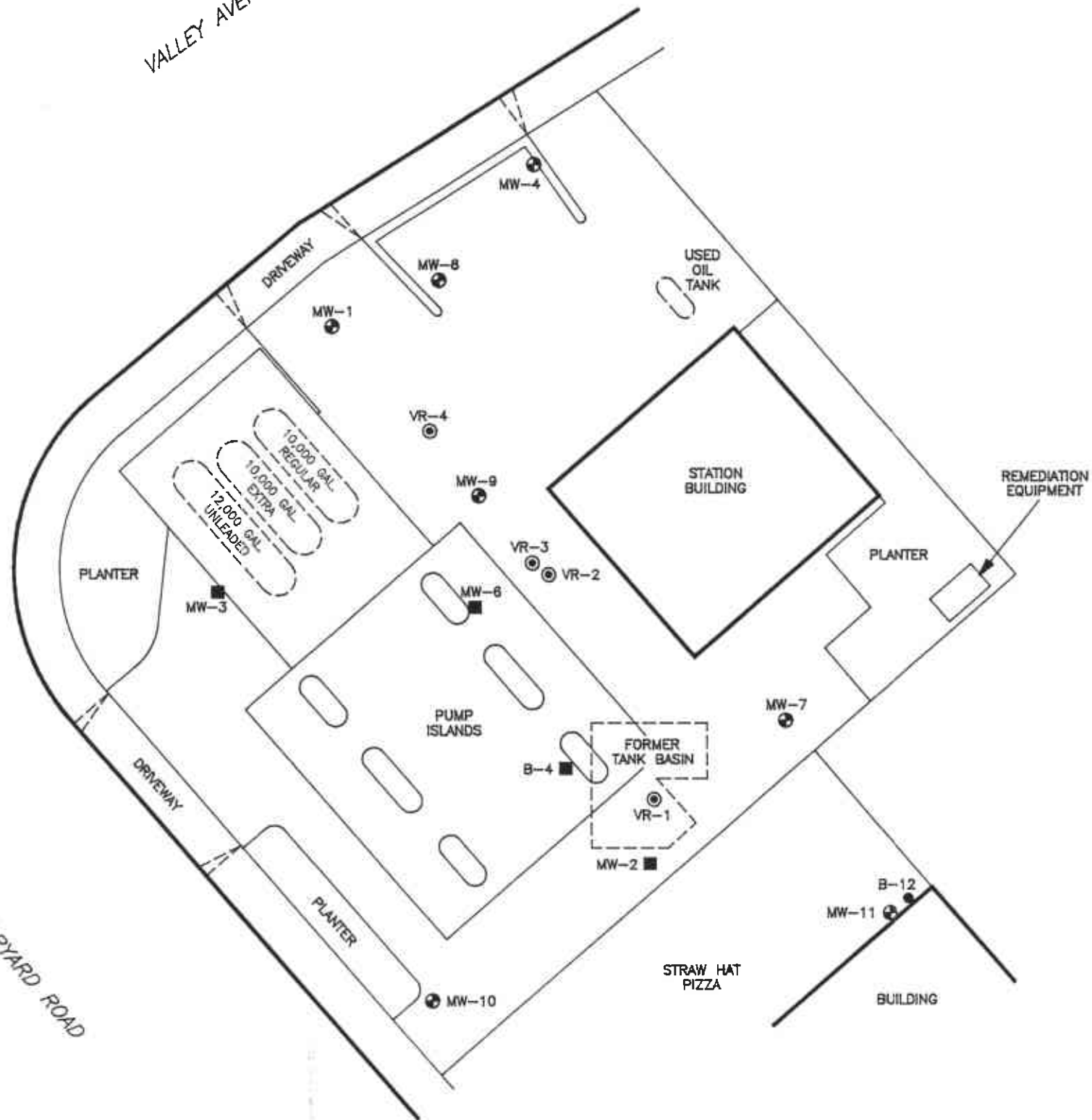
PROJECT NO. D094-836	DRAWN BY I.H. 9/22/94
FILE NO. ---	PREPARED BY TMG
REVISION NO. 1	REVIEWED BY [Signature]





VALLEY AVENUE

HOPYARD ROAD



LEGEND:

- B-12 SOIL BORING LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- ⊕ MW-1 MONITORING WELL LOCATION



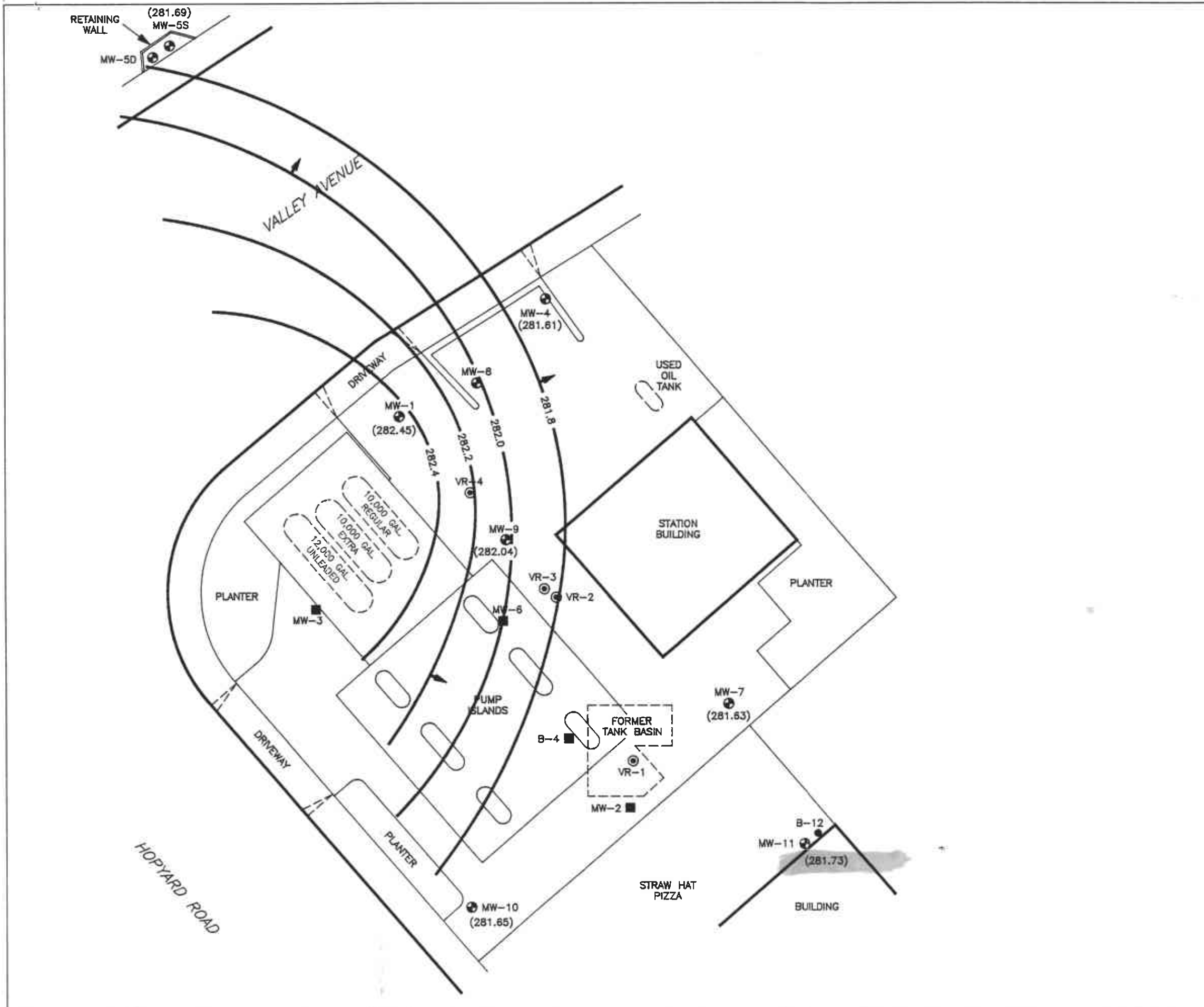
NOTE:

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 L.H. 9/22/94
FILE NO. 84-836-1	PREPARED BY TMG
REVISION NO. 1	REVIEWED BY <i>[Signature]</i>

**Delta**  
Environmental  
Consultants, Inc.

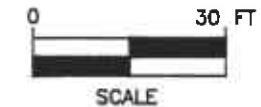


**LEGEND:**

- B-12 SOIL BORING LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- ⊕ MW-1 MONITORING WELL LOCATION
- (282.45) GROUND WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 282.4 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL
- ➔ GROUND WATER FLOW DIRECTION

**NOTE:**

MONITORING WELLS MW-5D AND MW-8 WERE NOT USED IN THE CALCULATION OF THE WATER TABLE CONTOURS BECAUSE THEY ARE SCREENED IN A DEEPER AQUIFER.

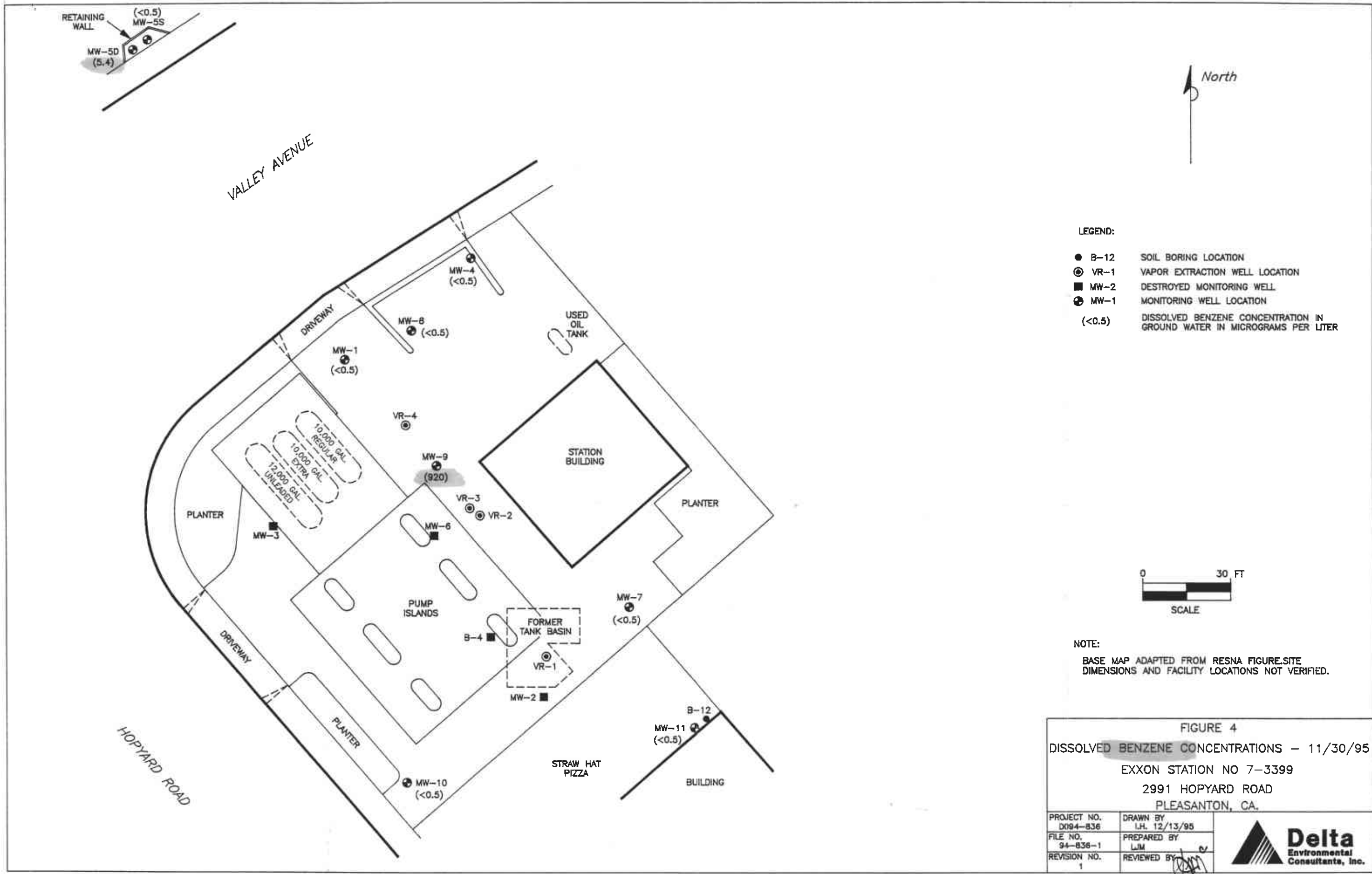


**NOTE:**

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

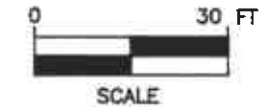
**FIGURE 3**  
**WATER TABLE CONTOUR MAP - 11/30/95**  
**EXXON STATION NO 7-3399**  
**2991 HOPYARD ROAD**  
**PLEASANTON, CA.**

PROJECT NO. D094-836	DRAWN BY L.H. 12/11/95	
FILE NO. 94-836-1	PREPARED BY LJM	
REVISION NO. 1	REVIEWED BY <i>[Signature]</i>	



**LEGEND:**

- B-12 SOIL BORING LOCATION
- ⊙ VR-1 VAPOR EXTRACTION WELL LOCATION
- MW-2 DESTROYED MONITORING WELL
- ⊕ MW-1 MONITORING WELL LOCATION
- (<0.5) DISSOLVED BENZENE CONCENTRATION IN GROUND WATER IN MICROGRAMS PER LITER



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

**FIGURE 4**  
**DISSOLVED BENZENE CONCENTRATIONS - 11/30/95**  
EXXON STATION NO 7-3399  
2991 HOPYARD ROAD  
PLEASANTON, CA.

PROJECT NO. D094-836	DRAWN BY L.H. 12/13/95
FILE NO. 94-836-1	PREPARED BY LJM
REVISION NO. 1	REVIEWED BY <i>[Signature]</i>



**ENCLOSURE A**

**Field Methods and Procedures**

## **FIELD METHODS AND PROCEDURES**

### **1.0 GROUND WATER AND LIQUID-PHASE HYDROCARBON DEPTH ASSESSMENT**

A water/petroleum interface probe was used to assess the thickness of liquid-phase hydrocarbon (LPH) 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, disposal 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 disposal 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  
(April 6, 1988 to November 23, 1993)

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 1 of 13  
 See notes on page 13

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT	
MW-1	04/06/88	321.44	36.34	285.10	None	
	04/08/88		36.29	285.15	None	
	04/19/88		36.36	285.08	None	
	06/06/88		38.16	283.28	None	
	06/23/88		38.71	282.73	None	
	06/23/88		39.16	282.28	None	
	07/06/88		39.73	281.71	None	
	07/13/88		40.22	281.22	None	
	08/12/88		NA			
	08/26/88			41.90	279.54	None
	09/07/88			42.27	279.17	None
	12/07/88			43.94	277.50	None
	12/19/88			43.70	277.74	None
	02/09/89			42.53	278.91	None
	03/08/89			41.96	279.48	None
	04/03/89			41.59	279.85	None
	04/26/89			41.57	279.77	None
	06/30/89			43.79	277.63	None
	07/17/89			44.74	276.70	None
	07/18/89			44.76	276.68	None
	07/19/89			44.82	276.62	None
	07/20/89			44.85	276.59	None
	07/21/89			44.95	276.49	None
	07/26/89			45.42	276.02	None
	08/02/89			NA		
	08/03/89			46.18	275.26	None
	08/17/89			47.12	274.32	None
	09/13/89			49.08	272.36	None
	11/28/89			50.21	271.23	None
	01/09/90			49.51	272.13	None



TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 2 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	DEGASING PRODUCT
MW-1 cont.	01/26/90		49.29	272.15	None
	02/23/90		#49.02	272.42	None
	02/23/90		49.02	272.42	None
	03/26/90		#48.71	272.73	None
	03/26/90		48.70	272.74	None
	04/18/90		48.79	272.63	None
	05/17/90		49.40	272.04	None
	06/11/90		50.83	270.61	None
	07/30/90		52.17	269.27	None
	08/27/90		53.44	268.00	None
	09/23/90		53.40	268.04	None
	12/27/90		NA		
	03/20/91		53.55	268.09	None
	06/20/91		53.55	267.89	None
	09/12/91		NA		
	12/30/91		NA		
	01/30/92		NA		
	03/02/92		NA		
	03/24/92		NA		
	04/14/92		NA		
	05/21/92		NA		
	06/08/92		NA		
	07/14/92		NA		
	08/10/92		NA		
	09/16/92		NA		
	10/07/92		NA		
	11/09/92		DRY		
	12/10/92		NA		
01/26/93		NA			
02/16/93		NA			

10/25/93

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 3 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTHC WATER	GROUNDWATER ELEVATION	LEAKING PRODUCT
MCW-1 cont.	03/11/93		53.09	268.35	None
	04/12/93		53.32	268.12	None
	06/01/93		53.49	268.04	None
	07/15/93		53.20	261.64	None
	08/15/93		53.45	267.99	None
	09/29/93		53.43	268.01	None
	10/28/93		53.58	268.06	None
	11/23/93		53.45	267.98	None
	MCW-2	04/02/88	NA	NA	
04/04/88			NA		18.0"
04/05/88			NA		18.0"
04/06/88			39.51	NA	33.4"
04/08/88			.	NA	.
04/19/88			38.90	NA	29.76"
06/06/88			38.78	NA	3.12"
06/23/88			39.25	NA	1.50"
06/28/88			39.72	NA	NA
07/06/88			40.51	NA	Slight
07/12/88		Well Destroyed			
MCW-3	04/06/88		37.19	NA	None
	04/08/88		37.14	NA	None
	04/19/88		37.22	NA	None
	06/06/88		39.02	NA	None
	06/23/88		39.58	NA	None
	06/28/88		40.04	NA	None
	07/06/88		40.60	NA	None
	07/13/88		41.09	NA	None
	08/12/88		NA		None
	08/26/88		42.77	NA	None
08/29/88		Well Destroyed			

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 4 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	DETECTING PRODUCT	
MW-1	04/08/88	321.56	36.41	285.15	None	
	04/19/88		36.51	285.05	None	
	06/06/88		38.05	283.50	None	
	06/23/88		38.33	282.73	None	
	07/06/88		39.28	282.28	None	
	07/13/88		39.35	281.71	None	
	08/12/88		40.51	281.25	None	
	08/26/88		NA			
	09/07/88		42.01	279.55	None	
	12/07/88		NA			
	12/19/88		43.33	277.73	None	
	02/09/89		42.57	278.89	None	
	03/08/89		42.11	279.45	None	
	04/03/89		41.73	279.83	None	
	04/26/89		41.79	279.77	None	
	06/30/89		43.38	277.68	None	
	07/17/89		44.85	276.71	None	
	07/18/89		44.88	276.68	None	
	07/19/89		44.92	276.64	None	
	07/20/89		44.98	276.58	None	
	07/21/89		45.04	276.52	None	
	07/26/89		45.50	276.06	None	
	08/02/89		NA			
	08/03/89		46.28	275.28	None	
	08/17/89		47.22	274.34	None	
	09/13/89		49.19	272.57	None	
	11/23/89		50.54	271.22	None	
	01/09/90		49.47	272.09	None	
	01/26/90		49.26	272.30	None	

TABLE I  
 CUMULATIVE GROUNDWATER MONITORING DATA

Exxon Station 7-3399  
 Pleasanton, California  
 Page 5 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DETECTIVE WATER	GROUNDWATER ELEVATION	DETECTIVE PRODUCT
MW-1	02/23/90		#49.18	272.38	None
	02/23/90		49.15	272.41	None
COND	03/26/90		#48.34	272.73	None
	03/26/90		48.35	272.75	None
	04/18/90		48.90	272.56	None
	05/17/90		50.05	271.53	None
	06/11/90		50.98	270.53	None
	07/30/90		53.57	267.99	None
	08/27/90		53.61	267.95	None
	09/23/90		53.57	267.99	None
	12/27/90		53.63	267.38	None
	03/20/91		53.56	268.00	None
	06/20/91		53.75	267.31	None
	09/12/91		53.70	267.36	None
	12/30/91		DRY		
	01/30/92		DRY		
	03/02/92		53.83	267.73	None
	03/24/92		53.73	267.85	None
	04/14/92		53.76	267.80	None
	05/21/92		54.73	266.83	None
	06/08/92		53.80	267.76	None
	07/14/92		53.60	267.96	None
	08/10/92		53.71	267.85	None
	09/16/92		53.89	267.57	None
	10/07/92		DRY		
	11/09/92		DRY		
	12/10/92		53.83	267.73	None
	01/26/93		DRY		
	02/16/93		53.54	267.92	None

TABLE I  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 6 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DETECTO WATER	GROUNDWATER ELEVATION	FOUNTING PRODUCT	
MW-1 conc.	03/11/93		53.54	268.02	None	
	04/12/93		53.62	267.94	None	
	06/01/93		53.52	268.04	None	
	07/15/93		53.80	267.76	None	
	08/15/93		53.65	267.91	None	
	09/29/93		54.03	267.55	None	
	10/23/93		53.54	268.25	None	
	11/23/93		53.57	268.22	None	
	MW-5d	05/25/88	321.79	38.55	283.24	None
		06/06/88		38.90	282.89	None
06/23/88			39.56	282.23	None	
06/28/88			40.03	281.56	None	
07/06/88			40.69	281.10	None	
07/13/88			41.22	280.57	None	
08/12/88			42.54	279.45	None	
08/26/88			42.60	279.19	None	
09/07/88			42.99	278.20	None	
12/07/88			44.58	277.21	None	
02/09/89			Casing head damaged by construction			
03/08/89			Casing head cut to lower elevation			
03/08/89				42.49	279.30	None
04/03/89				42.71	279.58	None
04/26/89				42.36	279.43	None
06/30/89				44.79	277.00	None
07/17/89				45.75	276.06	None
07/18/89				45.75	276.04	None
07/19/89				44.39	276.90	None
07/20/89				46.02	275.77	None
07/21/89				46.18	275.61	None
07/26/89				46.33	274.96	None

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exon Station 7-3399  
 Pleasanton, California  
 Page 7 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTHS TO WATER	GROUNDWATER ELEVATION	FLUATING PRODUCT	
- MW-5d cont.	08/02/89		NA			
	08/03/89		47.57	274.12	None	
	08/17/89		48.27	273.52	None	
	09/13/89		50.50	271.19	None	
	11/23/89		51.16	270.65	None	
	01/09/90		50.42	271.57	None	
	01/26/90		50.10	271.69	None	
	02/23/90		50.08	271.71	None	
	03/26/90		49.80	271.99	None	
	03/26/90		49.77	272.02	None	
	04/13/90		49.80	271.99	None	
	05/17/90		51.52	270.47	None	
	06/11/90		52.10	269.69	None	
	07/30/90		53.47	268.32	None	
	08/27/90		58.24	263.55	None	
	09/28/90		60.70	261.09	None	
	12/27/90		62.52	259.27	None	
	03/20/91		59.18	262.51	None	
	06/20/91		65.02	256.77	None	
	09/12/91			DRY		
	12/30/91			DRY		
	01/30/92			DRY		
	03/02/92			DRY		
	03/24/92			74.98	246.81	None
	04/14/92			74.42	247.57	None
	05/21/92			75.57	246.12	None
	06/08/92			DRY		
	07/14/92			DRY		
	08/10/92			DRY		
	09/16/92			DRY		

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA

Exxon Station 7-3399  
 Pleasanton, California  
 Page 3 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	DETECTING PRODUCT
MW-5d conc.	10/07/92		DRY		
	11/09/92		DRY		
	12/10/92		DRY		
	01/26/93		DRY		
	02/16/93		76.47	245.32	None
	03/11/93		74.03	247.76	None
	04/12/93		70.96	250.83	None
	06/01/93		67.64	254.15	None
	07/15/93		64.40	257.39	None
	08/15/93		67.35	253.94	None
	09/29/93		67.62	254.17	None
	10/28/93		66.15	253.49	None
	11/23/93		64.80	256.34	None
MW-5s	05/25/88	321.64	38.46	283.18	None
	06/06/88		38.36	282.78	None
	06/23/88		39.52	282.12	None
	06/28/88		39.34	281.30	None
	07/06/88		40.45	281.19	None
	07/13/88		40.90	280.74	None
	07/22/88		41.30	280.34	None
	08/05/88		42.34	277.30	None
	08/12/88		42.21	279.43	None
	08/26/88		42.55	279.09	None
	09/07/88		42.94	278.70	None
	12/07/88		44.67	276.97	None
	02/09/89		43.19	278.45	None
	03/08/89		Casing head out to lower elevation		
			42.11	279.53	None
	04/26/89		41.34	279.30	None
06/30/89		43.95	277.69	None	

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA

Exxon Station 7-3399  
 Pleasanton, California  
 Page 9 of 13  
 See notes on page 13

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLUATING PRODUCT
VEN-5s cont.	07/17/89		44.91	276.73	None
	07/18/89		44.93	276.71	None
	07/19/89		44.98	276.66	None
	07/20/89		45.02	276.62	None
	07/21/89		45.10	276.54	None
	07/26/89		45.37	276.07	None
	08/02/89		NA		
	08/05/89		46.31	275.33	None
	08/17/89		47.25	274.39	None
	09/13/89		49.22	272.42	None
	11/23/89		50.39	271.25	None
	01/09/90		49.51	272.13	None
	01/26/90		49.40	272.24	None
	02/23/90		#49.20	272.44	None
	02/23/90		49.20	272.44	None
	03/26/90		#48.89	272.75	None
	03/26/90		48.88	272.76	None
	04/13/90		48.95	272.69	None
	05/17/90		50.06	271.58	None
	06/11/90		50.98	270.66	None
	07/30/90		53.40	268.24	None
	08/27/90		53.60	268.04	None
	09/23/90		53.55	268.09	None
	12/27/90		53.61	268.03	None
	03/20/91		53.56	268.08	None
	06/20/91		53.75	267.91	None
	09/12/91		53.78	267.36	None
	12/30/91		53.80	267.34	None
	01/30/92		53.82	267.32	None
	03/02/92		53.82	267.32	None



TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 10 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-5s COAL	04/14/92		53.74	267.90	None
	05/21/92		53.77	267.37	None
	06/08/92		53.81	267.35	None
	07/14/92		53.74	267.90	None
	08/10/92		53.73	267.36	None
	09/16/92		53.90	267.74	None
	10/07/92		DRY		
	11/09/92		53.37	267.77	None
	12/10/92		53.73	267.36	None
	01/25/93		53.28	268.25	None
	02/16/93		53.44	268.20	None
	03/11/93		53.23	268.36	None
	04/12/93		53.42	268.22	None
	06/01/93		53.56	268.08	None
	07/15/93		53.00	268.64	None
	08/15/93		53.60	268.04	None
	09/29/93		53.62	268.02	None
	10/28/93		54.62	267.02	None
	11/23/93		53.62	268.02	None
MW-5	05/11/88	NA	37.31	NA	None
	06/06/88		38.70	NA	None
	06/23/88		39.23	NA	None
	06/23/88		39.74	NA	None
	07/13/88		40.73	NA	None
	08/05/88		41.72	NA	None
	08/12/88		42.14	NA	None
	08/17/88		NA		
	08/25/88		42.51	NA	None
	09/07/88		42.35	NA	None
	10/24/88		Well Destroyed		

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exon Station 7-3399  
 Pleasanton, California  
 Page 11 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTHC WATER	GROUNDWATER ELEVATION	FLUATING PRODUCT
			40.50	280.77	None
MW-7	07/13/88	321.27	#41.35	279.42	#None
	07/22/88		#41.45	279.32	#None
	08/05/88		42.59	278.58	NM
	08/12/88		42.50	278.67	NM
	09/07/88		NA		
	12/07/88		43.20	278.07	NM
	01/17/89		NA		
	02/09/89		49.93	271.34	None
	10/12/89		#57.51	263.66	NM
	11/28/89		#57.57	263.70	NM
	01/09/90		#57.54	263.73	None
	01/26/90		49.08	272.19	None
	01/26/90		#55.26	266.01	None
	02/23/90		48.93	272.34	None
	02/23/90		#57.52	263.75	None
	03/26/90		48.60	272.57	None
	03/26/90		#57.53	263.72	None
	04/18/90		#57.40	263.87	None
	05/17/90		50.68	270.59	None
	06/11/90		NA		
	07/30/90		53.05	268.22	None
	08/27/90		NA		
	09/28/90		NA		
	12/27/90		54.11	267.16	None
	03/20/91		53.14	266.13	None
	06/20/91		53.34	263.43	None
	09/12/91		53.21	266.06	None
	12/30/91		54.38	266.39	None
	01/30/92		NA		
	03/02/92				

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 12 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPT. TO WATER	GROUNDWATER ELEVATION	FLUORINE PRODUCT
MW-7 conc	03/24/92		NA		
	04/14/92		NA		
	05/21/92		53.56	267.91	None
	06/08/92		54.20	267.07	None
	07/14/92		53.31	267.96	None
	08/10/92		54.01	267.26	None
	09/16/92		53.97	263.30	None
	10/07/92		56.09	263.18	None
	11/09/92		54.16	267.11	None
	12/10/92		56.02	263.25	None
	01/26/93		56.15	263.12	None
	02/16/93		56.23	263.04	None
	03/11/93		53.32	263.45	None
	04/12/93		53.45	263.32	None
	06/01/93		54.90	266.57	None
	07/15/93		54.50	266.77	None
	08/15/93		54.25	267.02	None
	09/29/93		54.55	266.72	None
	10/28/93		54.94	266.92	None
11/23/93		54.75	267.15	None	
MW-3	10/01/89	321.36	53.88	267.98	None
	11/23/89		53.74	268.12	None
	01/09/90		57.90	263.96	None
	01/26/90		53.57	268.29	None
	02/23/90		52.16	269.70	None
	03/26/90		#52.80	269.06	None
	04/18/90		51.50	270.26	None
	05/17/90		58.21	263.65	None
06/11/90		58.65	263.71	None	

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 13 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING OBJECT	
MTV-3 cont.	07/30/90		64.33	257.53	None	
	08/27/90		70.41	251.45	None	
	09/23/90		71.93	249.93	None	
	12/23/90		66.60	255.26	None	
	03/20/91		60.75	261.11	None	
	06/29/91		38.77	253.09	None	
	09/12/91		103.17	243.69	None	
	12/30/91		81.15	240.71	None	
	01/30/92		31.69	240.17	None	
	03/02/92		78.45	243.41	None	
	03/24/92		76.55	245.51	None	
	04/14/92		75.56	246.50	None	
	05/21/92		36.99	234.37	None	
	06/08/92		91.69	230.17	None	
	07/14/92		94.65	227.21	None	
	08/10/92		95.02	226.24	None	
	09/16/92		91.90	229.96	None	
	10/07/92		DRY			
	11/09/92		84.35		257.51	None
	12/10/92		82.20		259.66	None
	01/26/93		78.65		243.23	None
	02/16/93		76.90		244.96	None
	03/11/93		74.59		247.47	None
	04/12/93		71.20		250.66	None
	06/01/93		68.04		253.82	None
	07/15/93		78.05		243.31	None
	08/15/93		78.45		243.41	None
	09/29/93		73.64		248.22	None
	10/23/93		67.53		253.91	None
	11/23/93		64.63		256.76	None

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 14 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DELETED WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT	
MW-9	10/12/89	321.44	50.24	271.20	None	
	11/23/89		50.59	270.35	Heavy	
	12/01/89		50.32	271.12	Heavy	
	12/07/89		50.15	271.51	Heavy	
	12/13/89		49.91	271.55	Slight	
	12/20/89		49.73	271.66	Slight	
	01/02/89		NA			
	01/09/90		49.39	272.05	Slight	
	01/26/90		49.30	272.14	None	
	02/03/90		#49.06	272.38	None	
	02/23/90		49.05	272.59	None	
	03/26/90		#48.75	272.59	None	
	03/26/90		48.73	272.71	Very Slight	
	04/18/90		48.31	272.55	Slight	
	05/17/90		49.96	271.48	Slight	
	06/11/90		51.53	269.86	NA	
	07/30/90		DRY			
	08/27/90		DRY			
	09/28/90		DRY			
	12/27/90		NA			
	03/20/91		DRY			
	06/20/91		49.65	271.31	None	
	09/12/91		NA			
	12/30/91		NA			
	01/30/92		NA			
	03/02/92		NA			
	03/24/92		NA			
	04/14/92		NA			
	05/21/92		NA			
	06/08/92		NA			
	07/14/92		NA			

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA

Exxon Station 7-3399  
 Pleasanton, California  
 Page 15 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	DETECTING PRODUCT
MW-9 cont.	08/10/92		NA		
	09/16/92		NA		
	10/07/92		DRY		
	11/09/92		DRY		
	12/10/92		NA		
	01/26/93		DRY		
	02/16/93		DRY		
	03/11/93		DRY		
	04/12/93		DRY		
	06/01/93		DRY		
	07/15/93		DRY		
	08/15/93		DRY		
	09/29/93		DRY		
10/23/93		DRY			
11/25/93		DRY			
MW-10	10/12/89	322.99	51.95	271.06	None
	11/23/89		51.88	271.11	None
	12/20/89		51.47	271.52	None
	01/09/90		50.98	272.01	None
	01/26/90		50.87	272.12	None
	02/23/90		#50.67	272.52	None
	02/23/90		50.65	272.54	None
	03/26/90		#50.56	272.63	None
	03/26/90		50.55	272.64	None
	04/18/90		50.45	272.54	None
	06/11/90		51.16	271.83	None
	07/30/90		55.72	267.27	None
	08/27/90		57.75	265.24	None
	09/23/90		NA		
	12/27/90		58.08	264.91	None
03/20/91		57.30	265.19	None	

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Excon Station 7-3399  
 Pleasanton, California  
 Page 16 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	HEADING PRODUCT
MW-10 conc.	06/20/91		58.00	264.99	None
	09/12/91		DRY		
	12/30/91		NA		
	01/30/92		DRY		
	03/02/92		DRY		
	03/24/92		58.55	264.46	None
	04/14/92		DRY		
	05/21/92		DRY		
	06/08/92		DRY		
	07/14/92		DRY		
	08/10/92		DRY		
	09/16/92		DRY		
	10/07/92		DRY		
	11/09/92		DRY		
	12/10/92		DRY		
	01/26/93		58.25	264.76	None
	02/16/93		57.31	265.18	None
	03/11/93		57.34	265.15	None
	04/12/93		57.38	265.11	None
	06/01/93		DRY		
07/15/93		DRY			
08/15/93		DRY			
09/29/93		DRY			
10/28/93		DRY			
11/23/93					None
MW-11	11/10/89	521.77	50.64	272.15	None
	11/23/89		50.51	272.26	None
	12/20/89		51.47	271.50	None
	01/09/90		49.68	273.09	None
	01/26/90		49.55	273.22	None
	02/23/90		49.57	273.40	None

TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 17 of 18  
 See notes on page 18

WELL	DATE	WELL ELEVATION	DEPTHC WATER	GROUNDWATER ELEVATION	HEATING PRODUCT
			49.35	273.42	None
MTV-11	02/23/90		#49.03	273.74	None
cont.	03/26/90		49.12	273.65	None
	04/18/90		50.30	272.47	None
	05/17/90		51.16	271.51	None
	06/11/90		53.20	269.27	None
	07/30/90		53.65	269.12	None
	08/27/90		53.62	269.15	None
	09/23/90		53.63	269.14	None
	12/27/90		53.26	269.51	None
	03/20/91		53.60	269.17	None
	06/20/91		53.60	269.17	None
	09/12/91		53.95	268.32	None
	12/30/91		53.65	269.12	None
	01/30/92		53.68	269.09	None
	03/02/92		53.70	269.07	None
	03/24/92		53.66	269.11	None
	04/14/92		53.62	269.15	None
	05/21/92		53.61	269.16	None
	06/08/92		53.55	269.24	None
	07/14/92		53.58	269.19	None
	08/10/92		53.60	269.17	None
	09/16/92		DRY		
	10/07/92		DRY		
	11/09/92		53.59	269.18	None
	12/10/92		53.67	269.10	None
	01/26/93		53.60	269.17	None
	02/16/93		53.58	269.19	None
	03/11/93		53.54	269.23	None
	04/12/93		53.52	269.25	None
	06/01/93		53.60	269.17	None
	07/25/93				



TABLE 1  
 CUMULATIVE GROUNDWATER MONITORING DATA  
 Exxon Station 7-3599  
 Pleasanton, California  
 Page 13 of 18

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-11	08/15/93		53.55	269.22	None
cont.	09/29/93		53.62	269.15	None
	10/23/93		53.63	269.14	None
	11/23/93		53.58	269.19	None

Well elevation relative to Mean Sea Level (MSL).  
 Measurements in feet

NA : Not accessible

• : Not measured because of installed product-skimmer pump.

T : Thickness of floating product after the well was allowed to recharge for approximately 3 hours.

r : Anomalous water level possibly due to recharge from a perched water zone.

\* : Water level during pumping of MW-7.

psi : Water inspected in oil-water separator tank.

**ENCLOSURE C**

**Cumulative Results of Laboratory Analyses  
(April 2, 1988 to November 24, 1993)**

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 1 of 11  
 See notes on page 11

WELL	DATE	TRICHL	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	VOCs
MW-1	04/02/88	<20	<0.5	1.7	<0.5	<0.5	NA
	07/06/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/13/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/07/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	03/03/89	<20	1.6	<0.5	<0.5	<0.5	NA
	06/30/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/17/89	23	<0.5	<0.5	<0.5	<0.5	NA
	07/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/26/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/02/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/13/89	220	39	0.60	<0.50	5.1	NA
	12/20/89	220	56	0.72	<0.50	0.71	NA
	01/25/90	57	18	1.6	<0.50	1.8	NA
	02/27/90	55	3.2	2.3	<0.50	3.2	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	04/18/90	25	1.1	1.6	<0.50	3.1	NA
	05/17/90	<20	<0.5	<0.5	<0.5	<0.5	NA

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 2 of 11  
 See notes on page 11

WELL	DATE	TOLUENE	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	YOCs
MW-1 cont.	06/11/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/30/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/27/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/28/90	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92			Not Accessible			
	02/16/93			Not Accessible			
	04/12/93			Not Accessible			
	09/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-2	07/06/88	62,000	25,700	18,500	2,900	21,400	NA
	07/12/88			Well Destroyed			
MW-3	04/06/88	20	<0.5	<0.5	<0.5	<0.5	NA
	07/06/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/13/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/26/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/29/88			Well Destroyed			

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 3 of 11  
 See notes on page 11

WELL	DATE	TOTR	BENZENE	TOLUENE	ETHYL- BENZENE	TOTAL XYLENES	VOCS
MW-1	04/11/88	80	1.8	16.3	0.6	7.1	NA
	07/06/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/13/88	<20	<0.5	0.9	<0.5	<0.5	NA
	03/08/89	440	3.8	1.0	<0.5	<0.5	NA
	06/30/89	100	<0.5	<0.5	<0.5	<0.5	NA
	07/17/89	390	<0.5	<0.5	<0.5	<0.5	ND*
	07/20/89	200	<0.5	<0.5	<0.5	<0.5	NA
	07/26/89	66	<0.5	<0.5	<0.5	<0.5	NA
	08/02/89	NA	NA	NA	NA	NA	ND**
	09/13/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	12/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/01/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	12/27/90	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/20/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/24/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92						

Not Accessible

TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Exxon Station 7-3399  
Pleasanton, California  
Page 4 of 11  
See notes on page 11

WELL	DATE	TOTAL TRITIA	BENZENE	TOLUENE	PARA- BENZENE	TOTAL XYLENES	VOCS
MW-4 cont.	02/16/93	600	57	34	11	200	NA
	04/12/93	360	20	10	22	80	NA
	09/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-5d	05/25/88	<20	<0.5	3.1	<0.5	<0.5	NA
	07/06/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/13/88	40	<0.5	<0.5	<0.5	<0.5	NA
	03/08/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	06/30/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/17/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/26/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/02/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/13/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	12/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/01/90	<20	<0.5	<0.5	<0.5	<0.5	NA
12/27/90	<50	<0.5	<0.5	<0.5	<0.5	NA	

TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES

Exxon Station 7-3399  
Pleasanton, California

Page 5 of 11

See notes on page 11

WELL	DATE	TRIT	BENZENE	TOLUENE	BIPHENYL-BENZENE	TOTAL XYLENES	YOCs
MW-5d cont.	03/20/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/20/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92			Not Sampled			
	02/16/93			Not Sampled			
	04/12/93	<50	1.0	1.0	2.5	7.4	NA
	09/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-5a	05/25/88	<20	<0.5	0.9	<0.5	<0.5	NA
	07/06/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/13/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/22/88	50	0.9	4.1	1.3	8.7	NA
	08/05/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/07/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	03/08/89	<20	<0.5	<0.5	<0.5	<1.0	NA
	06/30/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/17/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	07/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 6 of 11  
 See notes on page 11

WELL	DATE	TRIB	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	VOCS
MW-5a cont.	07/26/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/02/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	09/13/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	12/20/89	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/01/90	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/27/90	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92			Not Sampled			
	02/16/93			Not Sampled			
	04/12/93	220	11	5.9	13	48	NA
09/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA	
11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA	
MW-6	05/17/88	<20	<0.5	<0.5	<0.5	<0.5	NA
	06/28/88	440	31.8	7.5	5.4	6.7	NA
	07/13/88	290	162.3	7.7	22.5	14.1	NA
	08/05/88	1180	245	5.2	47.1	23.7	NA
	09/07/88	2920	474	16	262	136	NA
	10/24/88			Well Destroyed			



TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES

Exxon Station 7-3399  
Pleasanton, California

Page 7 of 11

See notes on page 11

WELL	DATE	TOTL	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	VOCs
MW-7	07/13/88	16700	860	1910	710	4120	NA
	07/22/88	460	136	85	5	58	NA
	08/05/88	270	73.3	52.8	2.3	28.1	NA
	02/09/89	6700	600	688	10	418	NA
	06/30/89	1100	180	50	13	40	NA
	08/02/89	31	1.6	<0.5	<0.5	0.60	NA
	09/13/89	87	<0.5	2.6	<0.5	12	NA
	12/20/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	06/20/91	74	<0.5	1.8	0.6	4.1	NA
	09/12/91	<50	3.5	<0.5	1.7	6.8	NA
	12/30/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/08/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92			Not Sampled			
	02/16/93	600	28	30	17	200	NA
	04/12/93			Not Sampled			
	09/30/93			Not Sampled			
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 8 of 11  
 See notes on page 11

WELL	DATE	TOLUENE	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	VOCs
Well #7 (City of Pleasanton)	07/20/89	NA	NA	NA	NA	NA	ND*
	08/02/89	NA	NA	NA	NA	NA	ND**
	03/26/90	<50	<0.50	<0.50	<0.50	<0.50	NA
MW-8	10/03/89	<20	<0.5	<0.5	<0.5	<0.5	NA
	12/20/89	<20	<0.50	<0.50	<0.50	0.61	NA
	01/31/90	<20	<0.50	<0.50	<0.50	0.87	NA
	02/09/90	<20	<0.5	<0.5	<0.5	1.1	NA
	(Blank)	<20	<0.5	<0.5	<0.5	<0.5	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	(Blank)	<20	<0.5	<0.50	<0.5	<0.5	NA
	04/18/90	<20	<0.50	0.58	<0.50	1.1	NA
	05/17/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	06/11/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/01/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/27/90	<20	<0.5	<0.5	<0.5	0.5	NA
09/28/90	<50	<0.5	<0.5	<0.5	0.5	NA	

Quarterly Groundwater Monitoring and Remediation Activities  
 Exxon Station 7-3399, Pleasanton, California

December 30, 1993  
 130009.01

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 9 of 11  
 See notes on page 11

WELL	DATE	CHLORIDE	BENZENE	TOLUENE	ETHYLENE BENZENE	TOTAL XYLENES	YOCs
MW-8 cont.	12/27/90	<50	<0.5	<0.5	<0.5	0.6	NA
	03/20/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/20/91	<50	<0.5	<0.5	<0.5	0.6	NA
	10/14/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/30/91	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/24/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/08/92	<50	<0.5	0.9	<0.5	<0.5	NA
	09/16/92	<50	<0.5	0.6	<0.5	<0.5	NA
	12/10/92	<50	0.7	0.6	<0.5	2.3	NA
	02/16/93	<50	2.6	7.3	11	38	NA
	04/12/93	230	<0.5	<0.5	<0.5	<0.5	NA
	09/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA
MW-9	10/03/89	89000	1000	9200	3000	13000	NA
	12/20/89	190000	6300	31000	9500	55000	NA
	01/25/90	77000	2400	9400	2700	15000	NA
	02/27/90	97000	1200	7100	2300	14000	NA

TABLE 2  
 CUMULATIVE RESULTS OF LABORATORY ANALYSES  
 OF GROUNDWATER SAMPLES  
 Exxon Station 7-3399  
 Pleasanton, California  
 Page 10 of 11  
 See notes on page 11

WELL	DATE	TRIT	NON-CHL	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	VOCs
MW-9 cont.	03/26/90	89000	1800	7700	2000	11000	NA
	04/18/90	110000	2000	7500	2500	16000	NA
	05/17/90	81000	1500	5700	2300	14000	NA
	06/20/90	430	<0.5	<0.5	<0.5	<0.5	NA
	12/10/92			Not Accessible			
MW-10	10/12/89	20	<0.5	<0.5	<0.5	1.5	NA
	12/20/89	<20	<0.5	<0.5	<0.5	1.8	NA
	03/26/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	08/01/90	<20	<0.5	<0.5	<0.5	<0.5	NA
	02/16/93			Not Sampled			
	04/12/93	350	21	11	21	75	NA
MW-11	11/16/89	150	4.1	9.4	0.74	20	NA
	12/20/89	150	7.2	7.5	2.9	13	NA
	03/26/90	32	<0.5	<0.5	<0.5	2.7	NA
	07/30/90	26	<0.5	<0.5	<0.5	3.8	NA
	12/10/92			Not Sampled			
	02/16/93			Not Sampled			

TABLE 2  
CUMULATIVE RESULTS OF LABORATORY ANALYSES  
OF GROUNDWATER SAMPLES  
Exxon Station 7-3399  
Pleasanton, California  
Page 11 of 11

WELL	DATE	TPHs	BENZENE	TOLUENE	PTIYL BENZENE	TOTAL XYLENES	VOCs
MW-11	04/12/93	<50	<0.5	<0.5	<0.5	<0.5	NA
cont.	09/30/93			Not Sampled			
	11/24/93	<50	<0.5	<0.5	<0.5	<0.5	NA
VR-1	03/24/92	<50	1.7	<0.5	<0.5	<0.5	NA
	MCLs	---	1.0	---	600	1,750	---
	DWAL	---	---	100	---	---	---

Results in parts per billion (ppb).

<	:	Less than the laboratory detection limit.
NA	:	Not Analyzed
ND	:	Not detected at or above method detection limit
---	:	Not Applicable
TPHs	:	Total petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015.
BTX	:	Analyzed using modified EPA method 5030/8020.
VOCs	:	Volatile organic compounds
'	:	VOCs analyzed using EPA method 502.2.
..	:	VOCs analyzed using EPA method 521.2.
MCLs	:	Maximum Contaminant Levels, DHS (October 1990).
DWAL	:	Drinking Water Action Level, DHS (October 1990).

**ENCLOSURE D**

Laboratory Analytical Report  
November 30, 1995

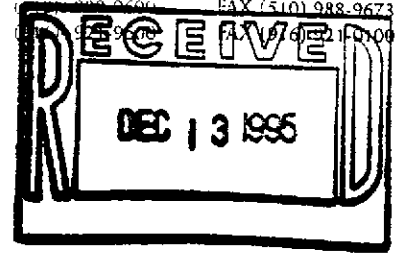


# Sequoia Analytical

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December 8, 1995

Delta Environmental Consultants  
3164 Gold Camp Dr., Suite 200  
Rancho Cordova, CA 95670  
Attention: Linda McGahan

Client Project ID: Exxon #7-3399, Pleasanton, CA  
Sequoia Project ID: 5120106

Enclosed are the analytical results for samples received by Sequoia Analytical on December 1, 1995. The following table lists Sequoia's sample number with your corresponding sample identification.

Sequoia Sample #	Client sample Identification	Date Sampled	Analysis Requested
5120106	Water, MW-1	11/30/95	TPH Gas/BTEX MTBE
5120107	Water, MW-4	11/30/95	TPH Gas/BTEX MTBE
5120108	Water, MW-5S	11/30/95	TPH Gas/BTEX MTBE
5120109	Water, MW-5D	11/30/95	TPH Gas/BTEX MTBE
5120110	Water, MW-7	11/30/95	TPH Gas/BTEX MTBE
5120111	Water, MW-8	11/30/95	TPH Gas/BTEX MTBE
5120112	Water, MW-9	11/30/95	TPH Gas/BTEX MTBE
5120113	Water, MW-10	11/30/95	TPH Gas/BTEX MTBE
5120114	Water, MW-11	11/30/95	TPH Gas/BTEX MTBE

Sequoia will maintain custody of these samples for six weeks from date of receipt. At that time, samples will be disposed according to Sequoia's waste protocol. If you need to make other arrangements for these samples, please notify Sequoia prior to that time.



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We would like to take this opportunity to thank you for choosing Sequoia Analytical for your project needs. If you have any questions regarding this project or any other analytical needs, please contact me at (916) 921-9600.

Sincerely,

SEQUOIA ANALYTICAL

  
Linda C. Schneider  
Project Manager





# Sequoia Analytical

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Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670 Attention: Linda McGahan	Client Project ID: Exxon #7-3399, Pleasanton, CA Sample Matrix: Water Analysis Method: EPA 5030/8015/8020 First Sample #: 512-0106	Sampled: Nov 30, 1995 Received: Dec 1, 1995 Reported: Dec 8, 1995
--	---	---

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 512-0106 MW-1	Sample I.D. 512-0107 MW-4	Sample I.D. 512-0108 MW-5S	Sample I.D. 512-0109 MW-5D	Sample I.D. 512-0110 MW-7	Sample I.D. 512-0111 MW-8
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	77	N.D.	N.D.
Benzene	0.50	N.D.	N.D.	N.D.	5.4	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	10	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	1.4	N.D.	0.69
Total Xylenes	0.50	N.D.	N.D.	N.D.	12	N.D.	2.7
Chromatogram Pattern:		--	--	--	Gasoline C6-C12	--	--

### Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	12/5/95	12/5/95	12/5/95	12/5/95	12/5/95	12/5/95
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	77	95	94	94	95	86

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

*Linda C. Schneider*  
Linda C. Schneider  
Project Manager



# Sequoia Analytical

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Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670 Attention: Linda McGahan	Client Project ID: Exxon #7-3399, Pleasanton, CA Sample Matrix: Water Analysis Method: EPA 5030/8015/8020 First Sample #: 512-0112	Sampled: Nov 30, 1995 Received: Dec 1, 1995 Reported: Dec 8, 1995
--	---	---

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 512-0112 MW-9	Sample I.D. 512-0113 MW-10	Sample I.D. 512-0114 MW-11
Purgeable Hydrocarbons	50	6,600	N.D.	N.D.
Benzene	0.50	920	N.D.	N.D.
Toluene	0.50	680	N.D.	N.D.
Ethyl Benzene	0.50	120	N.D.	N.D.
Total Xylenes	0.50	870	N.D.	N.D.
Chromatogram Pattern:		Gasoline C6-C12	--	--

### Quality Control Data

Report Limit Multiplication Factor:	20	1.0	1.0
Date Analyzed:	12/6/95	12/5/95	12/5/95
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	82	92	94

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

*Linda C. Schneider*  
Linda C. Schneider  
Project Manager



# Sequoia Analytical

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 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670 Attention: Linda McGahan	Client Project ID: Exxon #7-3399, Pleasanton, CA Sample Matrix: Water Analysis Method: EPA 5030/8020 Modified First Sample #: 512-0106	Sampled: Nov 30, 1995 Received: Dec 1, 1995 Reported: Dec 8, 1995
--	---	---

## MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 512-0106 MW-1	Sample I.D. 512-0107 MW-4	Sample I.D. 512-0108 MW-5S	Sample I.D. 512-0109 MW-5D	Sample I.D. 512-0110 MW-7	Sample I.D. 512-0111 MW-8
MTBE	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

### Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Analyzed:	12/5/95	12/5/95	12/5/95	12/5/95	12/5/95	12/5/95
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	77	95	94	94	95	86

Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

*Linda C. Schneider*  
 Linda C. Schneider  
 Project Manager



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Delta Environmental Consultants 3164 Gold Camp Dr., Suite 200 Rancho Cordova, CA 95670 Attention: Linda McGahan	Client Project ID: Exxon #7-3399, Pleasanton, CA Sample Matrix: Water Analysis Method: EPA 5030/8020 Modified First Sample #: 512-0112	Sampled: Nov 30, 1995 Received: Dec 1, 1995 Reported: Dec 8, 1995
--	---	---

## MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 512-0112 MW-9	Sample I.D. 512-0113 MW-10	Sample I.D. 512-0114 MW-11
MTBE	5.0	N.D.	N.D.	N.D.

### Quality Control Data

Report Limit Multiplication Factor:	20	1.0	1.0
Date Analyzed:	12/6/95	12/5/95	12/5/95
Instrument Identification:	GCHP-2	GCHP-2	GCHP-2
Surrogate Recovery: (QC Limits = 70-130%)	82	92	94

Analytes reported as N.D. were not detected at or above the reporting limit.

SEQUOIA ANALYTICAL, ELAP #1624

*Linda C. Schneider*  
Linda C. Schneider  
Project Manager





Delta Environmental Consultants  
3164 Gold Camp Dr., Suite 200  
Rancho Cordova, CA 95670  
Attention: Linda McGahan

Client Project ID: Exxon #7-3399, Pleasanton, CA  
Matrix: Water

QC Sample Group 5120106-114

Reported: Dec 8, 1995

**QUALITY CONTROL DATA REPORT**

ANALYTE	Benzene	Toluene	Ethyl- Benzene	Xylenes
	<b>Method:</b>	EPA 8020	EPA 8020	EPA 8020
<b>Analyst:</b>	B. Williams	B. Williams	B. Williams	B. Williams
<b>Concentration Spiked:</b>	10 µg/L	10 µg/L	10 µg/L	30 µg/L
<b>LCS Batch#:</b>	LCS120595	LCS120595	LCS120595	LCS120595
<b>Date Prepared:</b>	12/5/95	12/5/95	12/5/95	12/5/95
<b>Date Analyzed:</b>	12/5/95	12/5/95	12/5/95	12/5/95
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>LCS % Recovery:</b>	99	98	99	100
<b>Control Limits:</b>	75-125	75-125	75-125	75-125

<b>MS/MSD Batch #:</b>	5111643	5111643	5111643	5111643
<b>Date Prepared:</b>	12/5/95	12/5/95	12/5/95	12/5/95
<b>Date Analyzed:</b>	12/5/95	12/5/95	12/5/95	12/5/95
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>Matrix Spike % Recovery:</b>	94	91	95	97
<b>Matrix Spike Duplicate % Recovery:</b>	91	91	93	93
<b>Relative % Difference:</b>	3.3	0.0	2.1	4.2

**SEQUOIA ANALYTICAL**

*Linda C. Schneider*  
Linda C. Schneider  
Project Manager

**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 LCS % recovery data is used for validation of sample batch results. Due to matrix effects, the QC limits for MS/MSD's are advisory only and are not used to accept or reject batch results.





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Delta Environmental Consultants  
3164 Gold Camp Dr., Suite 200  
Rancho Cordova, CA 95670  
Attention: Linda McGahan

Client Project ID: Exxon #7-3399, Pleasanton, CA  
Matrix: Water

QC Sample Group 5120106-114

Reported: Dec 8, 1995

## QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes
<b>Method:</b>	EPA 8020	EPA 8020	EPA 8020	EPA 8020
<b>Analyst:</b>	B. Williams	B. Williams	B. Williams	B. Williams
<b>Concentration Spiked:</b>	10 µg/L	10 µg/L	10 µg/L	30 µg/L
<b>LCS Batch#:</b>	LCS120695	LCS120695	LCS120695	LCS120695
<b>Date Prepared:</b>	12/6/95	12/6/95	12/6/95	12/6/95
<b>Date Analyzed:</b>	12/6/95	12/6/95	12/6/95	12/6/95
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>LCS % Recovery:</b>	103	104	104	105
<b>Control Limits:</b>	75-125	75-125	75-125	75-125

MS/MSD Batch #:	BS120695	BS120695	BS120695	BS120695
<b>Date Prepared:</b>	12/6/95	12/6/95	12/6/95	12/6/95
<b>Date Analyzed:</b>	12/6/95	12/6/95	12/6/95	12/6/95
<b>Instrument I.D.#:</b>	GCHP-2	GCHP-2	GCHP-2	GCHP-2
<b>Matrix Spike % Recovery:</b>	100	100	100	100
<b>Matrix Spike Duplicate % Recovery:</b>	89	95	92	93
<b>Relative % Difference:</b>	12	5.1	8.3	7.3

SEQUOIA ANALYTICAL

*Linda C. Schneider*

Linda C. Schneider  
Project Manager

**Please Note:**

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**EXXON COMPANY, U.S.A.**

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

**CHAIN OF CUSTODY**

Page 1 of 1

Consultant's Name: Delta Environmental Consultants

Address: 3164 Gold Camp Dr. Rancho Cordova Site Location: Heasenton

Project #: \_\_\_\_\_ Consultant Project #: D094-830 Consultant Work Release #: 19932526

Project Contact: Lin Mc Mahan Phone #: 638-7085 Laboratory Work Release #: \_\_\_\_\_

EXXON Contact: Mona Gvensler Phone #: \_\_\_\_\_ EXXON RAS #: 7.3399

Sampled by (print): Jay Stump/Wilson Sampler's Signature: Jay Stump/Wilson

Shipment Method: Sequoia Air Bill #: \_\_\_\_\_

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

ANALYSIS REQUIRED

Sample Description	Collection Date	Collection Time	Matrix Soil/Water/Air	Prsv	# of Cont.	Sequoia's Sample #	TPH/Gas BTEX/ 8015/ 8020	TPH/ Diesel EPA 8015	TRPH S.M. 5520	MTBE	Temperature: _____	
											Inbound Seal: Yes No	Outbound Seal: Yes No
MW-1	11-30-95		H <sub>2</sub> O	HCL	3	5120106	X			X		
MW-4	↓		↓	↓	↓	5120107	↓			↓		
MW-5	↓		↓	↓	↓	5120108	↓			↓		
MW-5D	↓		↓	↓	↓	5120109	↓			↓		
MW-7	↓		↓	↓	↓	5120110	↓			↓		
MW-8	↓		↓	↓	↓	5120111	↓			↓		
MW-9	↓		↓	↓	↓	5120112	↓			↓		
MW-10	↓		↓	↓	↓	5120113	↓			↓		
MW-11	↓		↓	↓	↓	5120114	↓			↓		

RELINQUISHED BY / AFFILIATION	Date	Time	ACCEPTED / AFFILIATION	Date	Time	Additional Comments
<u>Jay Stump/Wilson</u>	<u>12-1-95</u>	<u>1345</u>	<u>John Youell/sequoia</u>	<u>12/1/95</u>	<u>1345</u>	
<u>John Youell/sequoia</u>	<u>12/1/95</u>	<u>1430</u>	<u>L. Bettencourt</u>	<u>12/1/95</u>	<u>1445</u>	

Pink - Client

Yellow - Sequoia

White - Sequoia