ENVIRONMENTAL
PROTECTION

97 JUL 23 PM 2:13

Ultramar

Ultramar, Inc.
P.O. Box 466
525 W. Third Street
Hanford, CA 93232-0466
(209) 582-0241

Telecopy: 209-585-5685 Credit
209-583-3330 Administrative
209-583-3302 Information Services
209-583-3358 Accounting

STID
3579

July 21, 1997

Mr. Scott Seery
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Room 350
Oakland, CA 94621

SUBJECT: FORMER BEACON STATION NO. 574, 22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA

Dear Mr. Seery:

Enclosed is a copy of the Second Quarter 1997 Groundwater Monitoring Report for the above-referenced Ultramar facility prepared by El Dorado Environmental Inc. Also included with the report is a copy of the Quarterly Status Report describing the work performed this quarter and the work anticipated to be conducted in the next quarter.

Please do not hesitate to call if you have any questions about this project at (209) 583-5571.

Sincerely,

ULTRAMAR INC.

Kenneth R. Earnest
Senior Project Manager
Marketing Environmental Department

Joe Aldrich - 583-3231

Enclosure: Second Quarter 1997 Groundwater Monitoring Report

cc w/encl.: Mr. Rich Hiett, CRWQCB-San Francisco Bay Region

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ENVIRONMENTAL PROJECT QUARTERLY STATUS REPORT

DATE REPORT SUBMITTED: July 21, 1997
QUARTER ENDING: June 30, 1997

FORMER SERVICE STATION NO.: 574
ADDRESS: 22315 Redwood Road, Castro Valley, CA
COUNTY: Alameda
ULTRAMAR CONTACT: Kenneth R. Earnest TEL. NO: 209-583-5571

BACKGROUND:

On May 5, 1987, five underground storage tanks (two gasoline, two diesel and one waste oil) were excavated and removed from the site. Soil samples were collected from beneath the tanks and analyzed for hydrocarbon constituents. Based on preliminary analytical data related to the collected soil samples, it was determined that elevated levels of gasoline and diesel were present in the soil beneath the former fuel tanks. Soil was overexcavated from beneath the former fuel tanks. Soil samples were collected after the over-excavation and confirmed that the addition excavation was successful.

During March 1991, three ground-water monitoring wells were installed on-site. Laboratory analysis of soil samples obtained from the borings for the installation of the monitoring wells indicated that the soil near the soil/water interface exhibited gasoline range hydrocarbons.

Quarterly monitoring was initiated during the fourth quarter 1991.

Installed five new groundwater monitoring wells in May of 1993. With the installation of these new wells the site is fully defined.

Conducted a soil gas survey/performance test, aquifer pump test and air sparging test during first quarter 1994.

Submitted PAR/RAP during the fourth quarter 1994.

SUMMARY OF THIS QUARTER'S ACTIVITIES:

Performed Second quarter monitoring on June 12, 1997.

RESULT OF QUARTERLY MONITORING:

Results indicate that the dissolved petroleum hydrocarbon plume continues to be defined.

PROPOSED ACTIVITY OR WORK FOR NEXT QUARTER:

ACTIVITY	ESTIMATED COMPLETION DATE
Third quarter monitoring	September 1997

El Dorado Environmental, Inc.
2221 Goldorado Trail, El Dorado, California 95623 (916) 626-3898
Fax (916) 626-3899

July 18, 1997

Mr. Kenneth Earnest
Senior Project Manager
Ultramar Inc.
525 West Third Street
Hanford, California 93230

Subject: **Second Quarter 1997 Ground Water Monitoring Report**
Former Beacon Station #574
22315 Redwood Road, Castro Valley, California

Dear Mr. Earnest:

El Dorado Environmental, Inc. (EDE) has prepared this report to document the results of quarterly ground water monitoring conducted on June 12, 1997 at the subject site (Figure 1). The monitoring, conducted by Doulos Environmental (Doulos), included measurements of depth to ground water, subjective analysis for the presence or absence of free product, ground water purging and collection of ground water samples. Doulos reports that all field activities were conducted in accordance with the Ultramar Field Procedures described in Attachment A.

GROUND WATER ELEVATIONS

Prior to purging, Doulos collected depth to ground water measurements. Copies of Doulos' field data sheets are contained in Attachment B. Ground water elevation data collected since March 1992 are summarized in Table 1. Historical ground water elevation data are contained in Attachment C. On the basis of the current measurements, ground water flows toward the southwest (Figure 2) at a gradient of 0.01 foot per foot. Ground water elevations decreased an average of 0.84 feet compared to the last monitoring event.

GROUND WATER SAMPLING AND ANALYSES

Ground water samples were collected from three monitoring wells (by agreement with Alameda County, ground water samples were not collected from monitoring wells MW-1, MW-2, MW-3, MW-4 and MW-8). All samples were analyzed for concentrations of:

- TPH, as gasoline, by modified EPA Method 8015.
- BTEX by EPA Method 602.
- BTEX by EPA Method 602.

Analytical results collected since March 1992 are summarized in Table 2. Historical analytical data are contained in Attachment D. Figure 3 illustrates the inferred distribution of dissolved benzene in ground water based on the current data. The laboratory report and chain-of-custody form for the current sampling event are included in Attachment E. Benzene was not present at detectable concentrations in ground water samples collected from monitoring wells MW-5, MW-6, and MW-7.

A copy of this quarterly monitoring report should be forwarded to:

Mr. Scott Seery
Senior Hazardous Materials Specialist
Alameda County Health Agency
Division of Hazardous Materials
Department of Environmental Health
80 Swan Way, Room 350
Oakland, California 94621

Mr. Rich Hiett
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

The interpretations and/or conclusions that may be contained within this report represent our professional opinions. These opinions are based on currently available information. Other than this, no warranty is implied or intended. This report has been prepared solely for the use of Ultramar Inc. Any reliance on this report by third parties will be at such parties' sole risk.

If you have any questions or comments, please contact us at (916) 626-3898.

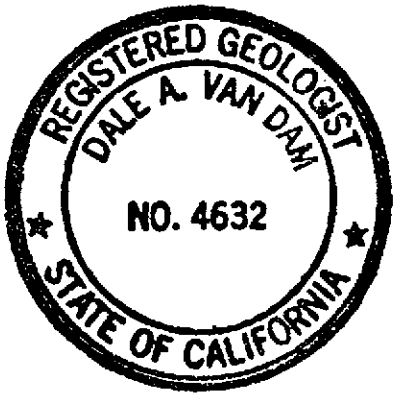
Regards,

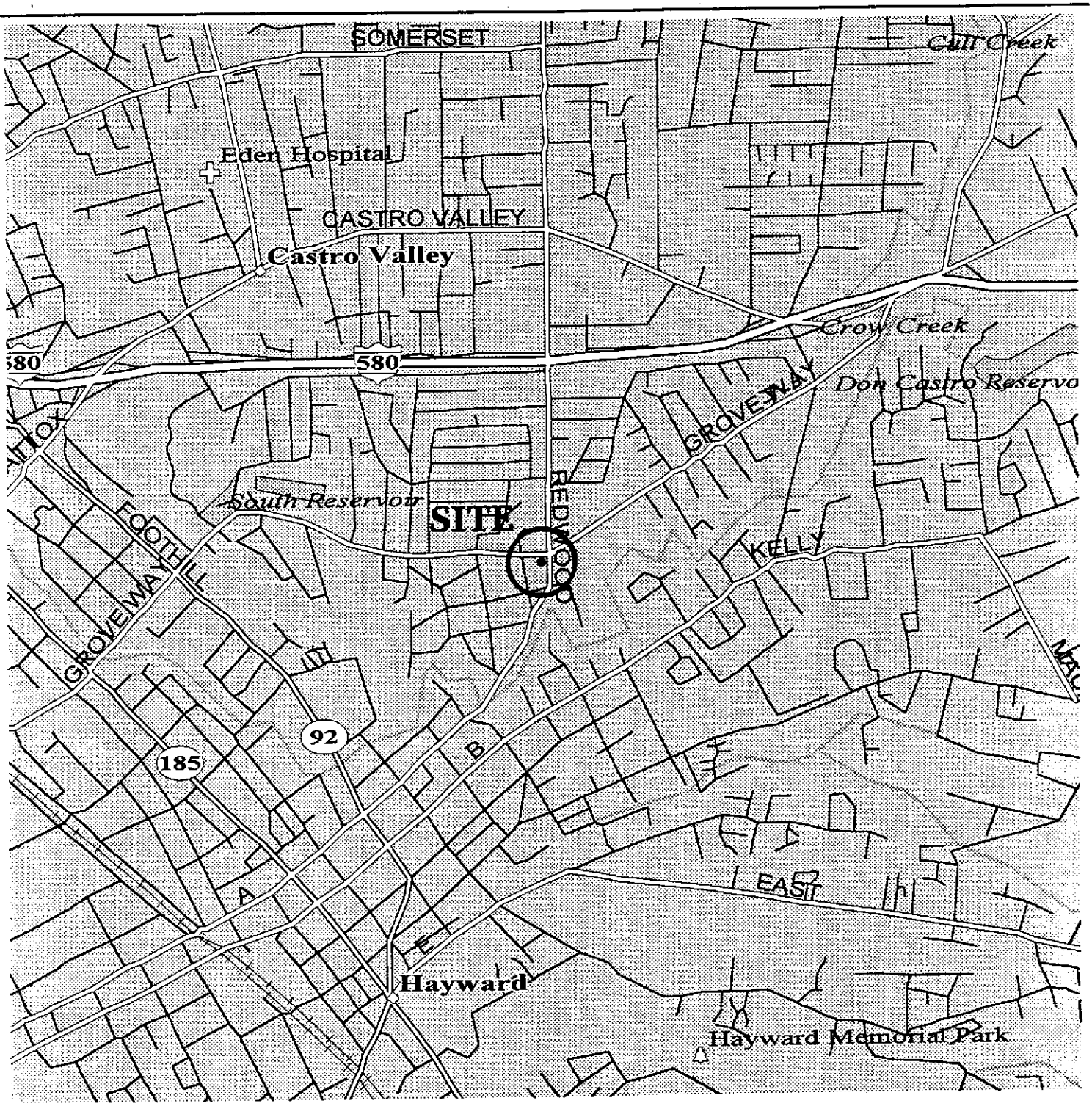
EL DORADO ENVIRONMENTAL, INC.

Dale A. van Dam, R.G.
Hydrogeologist

DAvD/davd

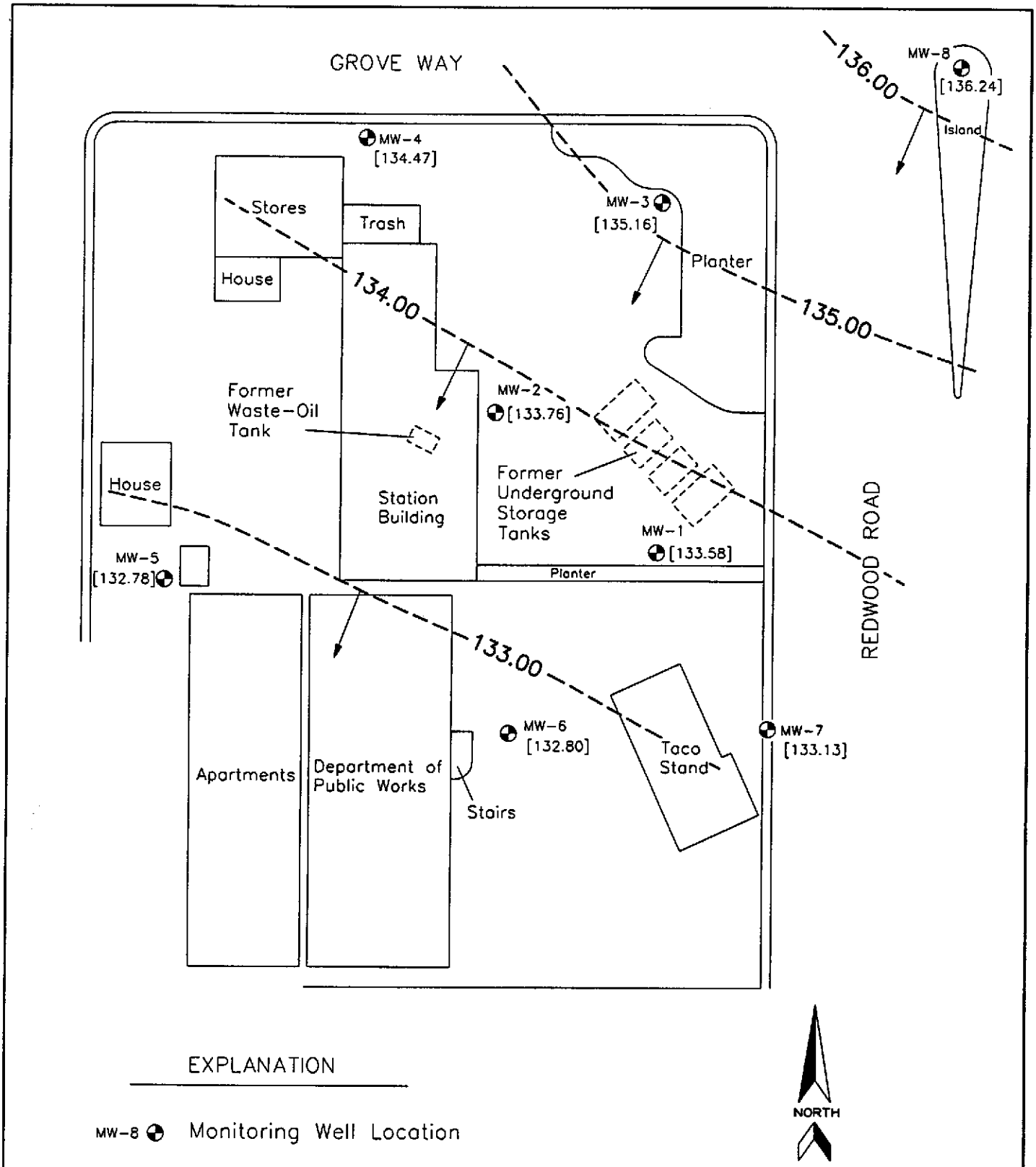
Attachments





SITE LOCATION MAP	FIGURE 1
BEACON STATION #574 22315 REDWOOD ROAD CASTRO VALLEY, CALIFORNIA	PROJECT NUMBER: U065.01 DRAWN BY: D.A.V.D.
EL DORADO ENVIRONMENTAL, INC.	CHECKED BY:

SOURCE: STREET ATLAS U.S.A., DELORME MAPPING, 1994



EXPLANATION

MW-8 ⊕ Monitoring Well Location

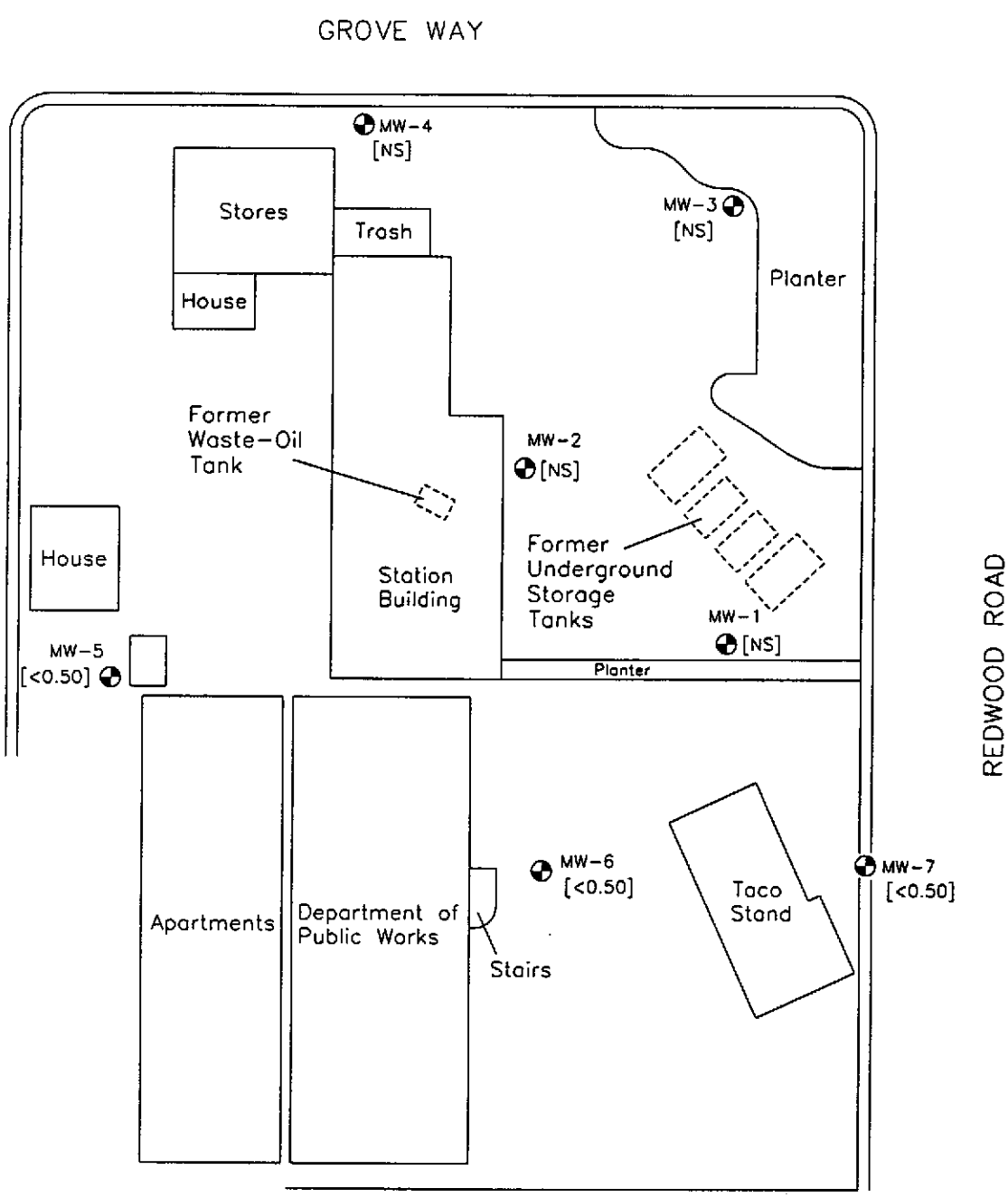
[136.24] Elevation of Ground Water Measured in Feet; Datum is Mean Sea Level

134.00 Line of Equal Elevation of Ground Water Measured in Feet; Datum is Mean Sea Level

Inferred Direction of Ground Water Flow

SOURCE: FIGURE MODIFIED FROM DRAWING PROVIDED BY FUGRO WEST, INC.

GROUND WATER CONTOUR MAP, JUNE 12, 1997	FIGURE 2
BEACON STATION #574 22315 REDWOOD ROAD CASTRO VALLEY, CALIFORNIA	PROJECT NUMBER: U065.01 DRAWN BY: D.A.
EL DORADO ENVIRONMENTAL, INC.	CHECKED BY: DvL



EXPLANATION

MW-8 ⊕ Monitoring Well Location

[<0.50] Concentration of Benzene in Ground Water; Concentration in Micrograms per Liter

[NS] Well Not Sampled

NORTH

0 50

SCALE IN FEET

SOURCE: FIGURE MODIFIED FROM DRAWING PROVIDED BY FUGRO WEST, INC.

DISSOLVED BENZENE DISTRIBUTION MAP, JUNE 12, 1997	FIGURE 3
BEACON STATION #574 22315 REDWOOD ROAD CASTRO VALLEY, CALIFORNIA	PROJECT NUMBER: U065.01 DRAWN BY: D.A.
EL DORADO ENVIRONMENTAL, INC.	CHECKED BY: DD

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-1	03/27/92	156.55	22.43	134.12	---	
	06/04/92		23.40	133.15	---	
	09/23/92		24.07	132.48	---	
	11/12/92		24.16	132.39	29.33	
	02/02/93		21.87	134.68	29.80	
	05/07/93		22.58	133.97	29.84	
	05/18/93		22.66	133.89	---	
	08/11/93		23.41	133.14	29.81	
	11/05/93		24.09	132.46	29.81	
	03/01/94		22.76	133.79	29.85	
	06/02/94		23.24	133.31	29.85	
	09/09/94		23.93	132.62	29.86	
	12/20/94		22.94	133.61	29.85	
	03/08/95		22.20	134.35	29.71	
	06/14/95		22.65	133.90	29.70	
	09/26/95		23.44	133.11	29.71	
	12/27/95		23.04	133.51	29.72	
	03/26/96		21.39	135.16	29.71	
	06/05/96		22.43	134.12	29.73	
	09/16/96		24.42	132.13	29.74	
	12/02/96		23.14	133.41	29.75	
	03/10/97		22.30	134.25	29.76	
	06/12/97		22.97	133.58	29.76	
MW-2	03/27/92	155.17	20.82	134.35	---	
	06/04/92		21.81	133.36	---	
	09/23/92		22.45	132.72	---	
	11/12/92		22.60	132.57	29.71	
	02/02/93		20.28	134.89	29.73	
	05/07/93		20.97	134.20	29.73	
	05/18/93		21.06	134.11	---	
	08/11/93		21.85	133.32	29.70	
	11/05/93		22.32	132.85	29.70	
	03/01/94		21.19	133.98	29.68	
	06/02/94		21.59	133.58	29.69	
	09/09/94		22.33	132.84	29.66	
	12/20/94		21.37	133.80	29.65	
	03/08/95		20.60	134.57	29.52	
	06/14/95		21.04	134.13	29.54	
	09/26/95		21.84	133.33	29.53	
	12/27/95		21.44	133.73	29.56	
	03/26/96		19.81	135.36	29.56	
	06/05/96		20.83	134.34	29.59	
	09/16/96		21.93	133.24	29.58	
	12/02/96		21.54	133.63	29.58	
	03/10/97		20.71	134.46	29.58	
	06/12/97		21.41	133.76	29.52	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-3	03/27/92	157.13	21.46	135.67	—	
	06/04/92		22.34	134.79	—	
	09/23/92		22.84	134.29	—	
	11/12/92		23.04	134.09	29.55	
	02/02/93		21.03	136.10	29.45	
	05/07/93		21.59	135.54	29.53	
	05/18/93		21.73	135.40	—	
	08/11/93		22.31	134.82	29.41	
	11/05/93		22.85	134.28	29.41	
	03/01/94		21.97	135.16	29.55	
	06/02/94		22.29	134.84	29.56	
	09/09/94		22.91	134.22	29.56	
	12/20/94		22.11	135.02	29.54	
	03/08/95		21.40	135.73	29.38	
	06/14/95		21.80	135.33	29.36	
	09/26/95		22.38	134.75	29.37	
	12/27/95		22.07	135.06	29.37	
	03/26/96		20.73	136.40	29.38	
	06/05/96		21.54	135.59	29.40	
	09/16/96		22.37	134.76	29.43	
	12/02/96		22.35	134.78	29.45	
	03/10/97		21.44	135.69	29.47	
	06/12/97		21.97	135.16	29.45	
MW-4	05/18/93	151.96	17.55	134.41	—	
	08/11/93		17.50	134.46	28.43	
	11/05/93		15.84	136.12	28.43	
	03/01/94		17.35	134.61	28.11	
	06/02/94		17.68	134.28	28.12	
	09/09/94		18.19	133.77	28.13	
	12/20/94		17.52	134.44	28.10	
	03/08/95		16.82	135.14	27.97	
	06/14/95		17.22	134.74	27.97	
	09/26/95		17.79	134.17	27.91	
	12/27/95		17.47	134.49	27.89	
	03/26/96		16.32	135.64	27.89	
	06/05/96		17.10	134.86	27.88	
	09/16/96		17.85	134.11	27.89	
	12/02/96		17.59	134.37	27.88	
	03/10/97		16.79	135.17	27.89	
	06/12/97		17.49	134.47	27.90	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-5	05/18/93	148.68	15.72	132.96	—	
	08/11/93		16.42	132.26	25.43	
	11/05/93		16.92	131.76	25.43	
	03/01/94		15.54	133.14	25.00	
	06/02/94		16.19	132.49	25.00	
	09/09/94		16.87	131.81	25.00	
	12/20/94		15.84	132.84	25.01	
	03/08/95		15.11	133.57	24.85	
	06/14/95		15.69	132.99	24.86	
	09/26/95		16.46	132.22	24.81	
	12/27/95		15.91	132.77	24.80	
	03/26/96		14.31	134.37	24.81	
	06/05/96		15.43	133.25	24.75	
	09/16/96		16.52	132.16	24.74	
	12/02/96		16.05	132.63	24.76	
	03/10/97		14.80	133.88	24.74	
	06/12/97		15.95	132.78	24.75	
MW-6	05/18/93	153.96	20.80	133.16	—	
	08/11/93		21.64	132.32	31.15	
	11/05/93		22.11	131.85	31.15	
	03/01/94		20.80	133.16	29.96	
	06/02/94		21.37	132.59	29.98	
	09/09/94		22.05	131.91	29.96	
	12/20/94		21.06	132.90	29.89	
	03/08/95		20.29	133.67	29.67	
	06/14/95		20.81	133.15	29.65	
	09/26/95		21.62	132.34	29.66	
	12/27/95		21.12	132.84	29.63	
	03/26/96		19.50	134.46	29.60	
	06/05/96		20.56	133.40	29.63	
	09/16/96		21.70	132.26	29.65	
	12/02/96		21.25	132.71	29.66	
	03/10/97		20.16	133.80	29.64	
	06/12/97		21.16	132.80	29.62	
MW-7	05/18/93	156.09	22.64	133.45	—	
	08/11/93		23.25	132.84	30.75	
	11/05/93		23.93	132.16	30.75	
	03/01/94		22.72	133.37	30.11	
	06/02/94		23.22	132.87	30.12	
	09/09/94		23.90	132.19	30.12	
	12/20/94		22.98	133.11	30.10	
	03/08/95		22.14	133.95	29.91	
	06/14/95		22.61	133.48	29.91	
	09/26/95		23.43	132.66	29.90	
	12/27/95		23.01	133.08	29.90	
	03/26/96		21.32	134.77	29.87	
	06/05/96		22.37	133.72	29.91	
	09/16/96		23.51	132.58	29.90	
	12/02/96		23.08	133.01	29.91	
	03/10/97		21.94	134.15	29.90	
	06/12/97		22.96	133.13	29.88	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
— = Not measured.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-8	05/18/93	158.04	21.55	136.49	---	
	08/11/93		22.43	135.61	34.82	
	11/05/93		23.00	135.04	34.82	
	03/01/94		22.05	135.99	34.04	
	06/02/94		22.29	135.75	34.04	
	09/09/94		22.99	135.05	34.04	
	12/20/94		22.14	135.90	33.98	
	03/08/95		21.25	136.79	34.48	
	06/14/95		21.70	136.34	34.49	
	09/26/95		22.29	135.75	34.40	
	12/27/95		21.96	136.08	34.43	
	03/26/96		20.48	137.56	34.42	
	06/05/96		21.50	136.54	34.41	
	09/16/96		22.38	135.66	34.43	
	12/02/96		22.39	135.65	34.42	
	03/10/97		20.89	137.16	34.43	
	06/12/97		21.80	136.24	34.42	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons			Aromatic Volatile Organics				
		Gasoline	Diesel	Motor Oil	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1	03/27/92	5,600	<50	<50		760	900	230	1,100
	06/04/92	2,600	<800	NA		270	57	230	440
	09/23/92	3,400	NA	NA		480	430	110	550
	11/12/92	2,700	NA	NA		5.8	<5.0	140	340
	02/02/93	8,500	NA	NA		760	770	250	1,200
	05/07/93	7,700	NA	NA		970	630	280	1,500
	08/11/93	11,000	NA	NA		1,400	1,000	260	1,600
	11/05/93	36,000	NA	NA		6,200	4,700	1,400	7,100
	03/01/94	3,800	NA	NA		580	490	110	620
	06/02/94	8,900	NA	NA		1,900	1,200	420	2,100
	09/09/94	4,300	NA	NA		740	290	200	630
	12/20/94	3,900	NA	NA		550	260	150	510
	03/08/95	8,100	NA	NA		1,100	540	250	1,100
	06/14/95	NS	NS	NS		NS	NS	NS	NS
	09/26/95	8,600	NA	NA		2,100	550	420	1,300
	12/27/95	NS	NS	NS		NS	NS	NS	NS
	03/26/96	21,000	NA	NA		7,000	2,700	590	7,000
	06/05/96	NS	NS	NS		NS	NS	NS	NS
	09/16/96	13,000	NA	NA	1,400	3,200	770	470	2,900
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	30,000	NA	NA	1,100	7,300	1,900	850	7,100
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	03/27/92	18,000	<50	<50		2,400	2,300	870	3,300
	06/04/92	14,000	<5,000	NA		1,900	1,700	580	2,300
	09/23/92	22,000	NA	NA		2,100	1,500	760	2,900
	11/12/92	29,000	NA	NA		2,400	860	540	3,500
	02/02/93	24,000	NA	NA		2,700	1,900	590	2,600
	05/07/93	19,000	NA	NA		1,800	1,300	460	2,600
	08/11/93	23,000	NA	NA		2,300	1,500	550	2,300
	11/05/93	30,000	NA	NA		3,100	2,900	860	3,700
	03/01/94	13,000	NA	NA		1,500	490	350	1,000
	06/02/94	12,000	NA	NA		2,000	790	460	1,300
	09/09/94	13,000	NA	NA		1,800	660	440	1,000
	12/20/94	16,000	NA	NA		2,300	1,000	650	1,900
	03/08/95	16,000	NA	NA		2,200	1,000	550	2,100
	06/14/95	NS	NS	NS		NS	NS	NS	NS
	09/26/95	18,000	NA	NA		2,500	1,000	770	2,700
	12/27/95	NS	NS	NS		NS	NS	NS	NS
	03/26/96	33,000	NA	NA		4,200	2,600	1,000	5,000
	06/05/96	NS	NS	NS		NS	NS	NS	NS
	09/16/96	19,000	NA	NA	940	2,600	490	560	2,000
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	23,000	NA	NA	1,400	3,700	870	650	3,000
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS

NOTES:
< = Below indicated detection limit.
NS = Not sampled.
NA = Not analyzed.
* = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons			Aromatic Volatile Organics				
		Gasoline	Diesel	Motor Oil	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-3	03/27/92	160	<50	<50		9.2	4.8	10	23
	06/04/92	120	<50	NA		7.5	2.7	0.5	15
	09/23/92	220	NA	NA		8.3	4.3	6.2	19
	11/12/92	230	NA	NA		12	5.5	7.7	19
	02/02/93	86	NA	NA		2.4	0.71	2.7	6.2
	05/07/93	140	NA	NA		2.6	1.2	3.9	8.4
	08/11/93	490	NA	NA		15	8.1	14	37
	11/05/93	820	NA	NA		45	24	34	93
	03/01/94	410	NA	NA		7.4	2.7	5.6	10
	06/02/94	440	NA	NA		13	4.9	14	31
	09/09/94	620	NA	NA		12	4.8	9.7	20
	12/20/94	770	NA	NA		24	11	16	36
	03/08/95	300	NA	NA		6.1	0.97	4.8	7.5
	06/14/95	NS	NS	NS		NS	NS	NS	NS
	09/26/95	130	NA	NA		4.8	1.6	4.8	9.4
	12/27/95	NS	NS	NS		NS	NS	NS	NS
	03/26/96	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	06/05/96	NS	NS	NS		NS	NS	NS	NS
	09/16/96	170	NA	NA	<5.0	10	2.9	4.4	15
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	84	NA	NA	<5.0	2.3	<0.50	1.4	2.6
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
MW-4	05/18/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	08/11/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	11/05/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/01/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/02/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/09/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	12/20/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/08/95	NS	NS	NS		NS	NS	NS	NS
	06/14/95	NS	NS	NS		NS	NS	NS	NS
	09/26/95	NS	NS	NS		NS	NS	NS	NS
	12/27/95	NS	NS	NS		NS	NS	NS	NS
	03/26/96	NS	NS	NS		NS	NS	NS	NS
	06/05/96	NS	NS	NS		NS	NS	NS	NS
	09/16/96	<50	NA	NA	<5.0	<0.50	<0.50	<0.50	<0.50
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS
MW-5	05/18/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	08/11/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	11/05/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/01/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/02/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/09/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	12/20/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/08/95	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/14/95	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/26/95	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	12/27/95	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	03/26/96	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	06/05/96	<50	NA	NA	15	<0.50	<0.50	<0.50	<0.50
	09/16/96	<50	NA	NA	20	<0.50	<0.50	<0.50	<0.50
	12/02/96	<50	NA	NA	12	<0.50	<0.50	<0.50	<0.50
	03/10/97	<50	NA	NA	7.0	<0.50	<0.50	<0.50	<0.50
	06/12/97	<50	NA	NA	7.2	<0.50	<0.50	<0.50	<0.50

NOTES:
< = Below indicated detection limit.
NS = Not sampled.
NA = Not analyzed.
* = Product is not typical gasoline.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #574
22315 REDWOOD ROAD, CASTRO VALLEY, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons			Aromatic Volatile Organics				
		Gasoline	Diesel	Motor Oil	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-6	05/18/93	170	NA	NA		<0.5	<0.5	<0.5	<0.5
	08/11/93	78	NA	NA		<0.5	<0.5	<0.5	<0.5
	11/05/93	170	NA	NA		<0.5	<0.5	<0.5	0.65
	03/01/94	210	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/02/94	190	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/09/94	140	NA	NA		<0.5	<0.5	<0.5	<0.5
	12/20/94	210	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/08/95	180*	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/14/95	220*	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/26/95	110*	NA	NA		<0.50	<0.50	<0.50	<0.50
	12/27/95	130*	NA	NA		<0.50	<0.50	<0.50	<0.50
	03/26/96	100*	NA	NA		<0.50	<0.50	<0.50	<0.50
	06/05/96	100*	NA	NA	430	<0.50	<0.50	<0.50	<0.50
	09/16/96	170	NA	NA	430	<0.50	<0.50	<0.50	<0.50
	12/02/96	160	NA	NA	160	<0.50	<0.50	<0.50	<0.50
	03/10/97	140	NA	NA	390	<0.50	<0.50	<0.50	<0.50
	06/12/97	<50	NA	NA	330	<0.50	<0.50	<0.50	<0.50
MW-7	05/18/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	08/11/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	11/05/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/01/94	60	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/02/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/09/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	12/20/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/08/95	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/14/95	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/26/95	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	12/27/95	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	03/26/96	<50	NA	NA		<0.50	<0.50	<0.50	<0.50
	06/05/96	<50	NA	NA	20	<0.50	<0.50	<0.50	<0.50
	09/16/96	<50	NA	NA	26	<0.50	<0.50	<0.50	<0.50
	12/02/96	140	NA	NA	140	<0.50	<0.50	<0.50	<0.50
	03/10/97	<50	NA	NA	29	<0.50	<0.50	<0.50	<0.50
	06/12/97	<50	NA	NA	28	<0.50	<0.50	<0.50	<0.50
MW-8	05/18/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	08/11/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	11/05/93	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/01/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	06/02/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	09/09/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	12/20/94	<50	NA	NA		<0.5	<0.5	<0.5	<0.5
	03/08/95	NS	NS	NS		NS	NS	NS	NS
	06/14/95	NS	NS	NS		NS	NS	NS	NS
	09/26/95	NS	NS	NS		NS	NS	NS	NS
	12/27/95	NS	NS	NS		NS	NS	NS	NS
	03/26/96	NS	NS	NS		NS	NS	NS	NS
	06/05/96	NS	NS	NS		NS	NS	NS	NS
	09/16/96	<50	NA	NA	<5.0	<0.50	<0.50	<0.50	<0.50
	12/02/96	NS	NS	NS	NS	NS	NS	NS	NS
	03/10/97	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/97	NS	NS	NS	NS	NS	NS	NS	NS

NOTES:
< = Below indicated detection limit.
NS = Not sampled.
NA = Not analyzed.
* = Product is not typical gasoline.

ATTACHMENT A

ULTRAMAR FIELD PROCEDURES

ATTACHMENT A - ULTRAMAR FIELD PROCEDURES

The following section describes procedures used by field personnel in the performance of ground water sampling at Ultramar Inc. sites.

Ground Water Level and Total Depth Determination

A water level indicator is lowered down the well and a measurement of the depth to water from an established reference point on the casing is taken. The indicator probe is used to sound the bottom of the well and a measurement of the total depth of the well is taken. Both the water level and total depth measurements are taken to the nearest 0.01-foot.

Visual Analysis of Ground Water

Prior to purging and sampling ground water monitoring wells, a water sample is collected from each well for subjective analysis. The visual analysis involves gently lowering a clean, disposable, polyethylene bailer to approximately one-half the bailer length past the water table interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating product or the appearance of a petroleum product sheen. If measurable free product is noted in the bailer, a water/product interface probe is used to determine the thickness of the free product to the nearest 0.01-foot. The thickness of free product is determined by subtracting the depth to product from the depth to water.

Monitoring Well Purging and Sampling

Monitoring wells are purged by removing approximately four casing volumes of water from the well using a clean disposable bailer or electrical submersible purge pump. Purge volumes are calculated prior to purging. During purging, the temperature, pH, and electric conductivity of the purge water are monitored. The well is considered to be sufficiently purged when: The four casing volumes have been removed; the temperature, pH, and conductivity values have stabilized to within 10% of the initial readings; and the ground water being removed is relatively free of suspended solids. After purging, ground water levels are allowed to stabilize to within 80% of the initial water level reading. A water sample is then collected from each well with a clean, disposable polyethylene bailer. If the well is bailed or pumped dry prior to removing the minimum volume of water, the ground water is allowed to recharge. If the well has recharged to within 80% of the initial depth to water reading within two hours, the well will continue to be purged until the minimum volume of water has been removed. If the well has not recharged to at least 80% of the initial depth to water reading within two hours, the well is considered to contain formational water and a ground water sample is collected. Ground water removed from the well is stored in 55-gallon drums at the site and labeled pending disposal.

In wells where free product is detected, the wells will be bailed to remove the free product. An estimate of the volume of product and water well be recorded. If the free product thickness is reduced to the point where a measurable thickness is no longer present in the well, a ground water sample will be collected. If free product persists throughout the purging process, a final free product thickness measurement will be taken and a ground water sample will not be collected.

Ground water samples are stored in 40-milliliter vials so that air passage through the sample is minimized (to prevent volatilization of the sample). The vial is tilted and filled slowly until an upward convex meniscus forms over the mouth of the vial. The Teflon™ side of the septum (in cap) is then placed against the meniscus, and the cap is screwed on tightly. The sample is then inverted and the bottle is tapped lightly to check for air bubbles. If an air bubble is present in the vial, the cap is removed and more sample is transferred from the bailer. The vial is then resealed and rechecked for air bubbles. The sample is then appropriately labeled and stored on ice from the time of collection through the time of delivery to the laboratory. The Chain-of-Custody form is completed to ensure sample integrity. Ground water samples are transported to a state-certified laboratory and analyzed within the U.S. Environmental Protection Agency-specified hold times for the specified analytes.

ATTACHMENT B

DOULOS ENVIRONMENTAL FIELD DATA SHEETS

DOULOS ENVIRONMENTAL COMPANY
GROUNDWATER/LIQUID LEVEL DATA
(measurements in feet)

Project Address: Beacon 574, 22315 Redwood Rd Date: 6-12-97
Castro Valley Ca Project No.: 94-574-01

Recorded by: Hal Hansen

Well No	Time	Well Elev. TOC	Depth to Gr. Water	Measured Total Depth	Gr. Water Elevation	Depth to Product	Product Thickness	Comments
MW-1	1148		22.97	29.76				
MW-2	1144		21.41	29.52				
MW-3	1140		21.97	29.45				
MW-4	1124		17.49	27.90				
MW-5	1120		15.95	24.75				no odor no sheen
MW-6	1128		21.16	29.62				no odor no sheen
MW-7	1132		22.96	29.88				no odor no sheen
MW-8	1136		21.80	34.42				

Notes:

DOULOS ENVIRONMENTAL COMPANY SAMPLING INFORMATION SHEET

Client: Ultramar Sampling Date: 6-12-97

Site: Beacon #574 Project No.: 94-574-01

22315 Redwood Road Well Designation: MW-5

Castro Valley, CA

Is setup of traffic control devices required? (NO) YES time:_____ hours
Is there standing water in well box? (NO) YES Above TOC Below TOC
Is top of casing cut level? NO (YES) If no, see remarks
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 3
Well cover type: 8" UV X 12" UV_____ 12" EMCO_____ 8" BK_____
12" BK_____ 12" DWP_____ 12" CNI_____ 36" CNI_____ Other_____
General condition of wellhead assembly: Excellent (Good) Fair Poor

Purging Equipment:
_____2" disposable bailer
_____2" PVC bailer
_____4" PVC bailer
_____Submersible pump
_____Dedicated bailer
X Centrifugal pump

Sampled with: Disposal bailer: X Teflon bailer:_____

Well Diameter: 2" X 4"____ 6"____ 8"____

Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 1120
Depth of well: 24.75
Depth to water: 15.95

Recharge Measurement
Time: 1219
Depth to water: 16.84

Calculated purge: 5.8 gal
Actual purge: 5.81

Start purge: 1155 Sampling time: 1220

Time	Temp.	E.C.	pH	Turbidity	Volume
1156	703	1463	751	———	1
1157	684	1460	740	———	2
1158	689	1371	737	———	3
1202	69.0	1368	733	———	4

Sample appearance: clear Lock: dolphin

Equipment replaced: (Check all that apply) Note condition of replaced item
2" Locking Cap:_____ Lock #3753:_____ 7/32 Allenhead:_____
4" Locking Cap:_____ Lock-Dolphin:_____ 9/16 Bolt:_____
6" Locking Cap:_____ Pinned Allenhead (DWP):_____

Remarks: _____

Signature: Karl Klein

DOULOS ENVIRONMENTAL COMPANY SAMPLING INFORMATION SHEET

Client: Ultramar Sampling Date: 6-12-97

Site: Beacon #574 Project No.: 94-574-01

22315 Redwood Road Well Designation: MW-6

Castro Valley, CA

Is setup of traffic control devices required? (NO) YES time:_____ hours
Is there standing water in well box? (NO) YES Above TOC Below TOC
Is top of casing cut level? NO (YES) If no, see remarks
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 10
Well cover type: 8" UV X 12" UV_____ 12" EMCO_____ 8" BK_____
12" BK_____ 12" DWP_____ 12" CNI_____ 36" CNI_____ Other_____
General condition of wellhead assembly: Excellent (Good) Fair Poor

Purging Equipment: _____2" disposable bailer _____Submersible pump
_____2" PVC bailer _____Dedicated bailer
_____4" PVC bailer X Centrifugal pump

Sampled with: Disposal bailer: X Teflon bailer:_____

Well Diameter: 2" X 4"____ 6"____ 8"____

Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement: Time: 1128 Depth of well: 29.62 Depth to water: 21.16

Recharge Measurement: Time: 1258 Depth to water: 21.43

Calculated purge: 5.4 gal Actual purge: 5.41

Start purge: 1238 Sampling time: 1259

Time	Temp.	E.C.	pH	Turbidity	Volume
1239	70.3	1436	753	—	1
1240	69.3	1407	750	—	2
1243	68.4	1382	746	—	3
1248	68.8	1331	748	—	4

Sample appearance: clear Lock: dolphin

Equipment replaced: (Check all that apply) Note condition of replaced item
2" Locking Cap:_____ Lock #3753:_____ 7/32 Allenhead:_____
4" Locking Cap:_____ Lock-Dolphin:_____ 9/16 Bolt:_____
6" Locking Cap:_____ Pinned Allenhead (DWP):_____

Remarks: _____

Signature: Hal Hansen

DOULOS ENVIRONMENTAL COMPANY SAMPLING INFORMATION SHEET

Client: Ultramar Sampling Date: 6-12-97

Site: Beacon #574 Project No.: 94-574-01

22315 Redwood Road Well Designation: MW-7

Castro Valley, CA

Is setup of traffic control devices required? (NO) YES time:_____ hours
Is there standing water in well box? (NO) YES Above TOC Below TOC
Is top of casing cut level? NO (YES) If no, see remarks
Is well cap sealed and locked? NO (YES) If no, see remarks
Height of well casing riser (in inches): 6
Well cover type: 8" UV X 12" UV_____ 12" EMCO_____ 8" BK_____
12" BK_____ 12" DWP_____ 12" CNI_____ 36" CNI_____ Other_____
General condition of wellhead assembly: Excellent (Good) Fair Poor

Purging Equipment:
_____2" disposable bailer
_____2" PVC bailer
_____4" PVC bailer
_____Submersible pump
_____Dedicated bailer
X Centrifugal pump

Sampled with: Disposal bailer: X Teflon bailer:_____

Well Diameter: 2" X 4"_____ 6"_____ 8"_____

Purge Vol. Multiplier: 0.16 0.65 1.47 2.61 gal/ft.

Initial Measurement
Time: 1132
Depth of well: 29.88
Depth to water: 22.96

Recharge Measurement
Time: 1249
Depth to water: 24.01

Calculated purge: 4.4 gal
Actual purge: 4.4 gal

Start purge: 1224 Sampling time: 1250

Time	Temp.	E.C.	pH	Turbidity	Volume
1225	70.4	1482	7.37	~	1
1226	69.3	1306	7.25	~	2
1226	68.3	1251	7.20	~	3
1234	66.6	1150	7.22	~	4

Sample appearance: clear Lock: dolphin

Equipment replaced: (Check all that apply) Note condition of replaced item
2" Locking Cap:_____ Lock #3753:_____ 7/32 Allenhead:_____
4" Locking Cap:_____ Lock-Dolphin:_____ 9/16 Bolt:_____
6" Locking Cap:_____ Pinned Allenhead (DWP):_____

Remarks: _____

Signature: Hal Hansen

ATTACHMENT C

HISTORICAL GROUND WATER ELEVATION DATA

TABLE 2

WATER LEVEL DATA
(measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Ground Water	Ground Water Elevation
MW-1	04-01-91	156.55	22.37	134.18
	03-27-92		22.43	134.12
	06-04-92		23.40	133.15
	09-23-92		24.07	132.48
	11-12-92		24.16	132.39
	02-02-93		21.87	134.68
	05-18-93		22.66	133.89
MW-2	04-01-91	155.17	20.82	134.25
	03-27-92		20.82	134.35
	06-04-92		21.81	133.36
	09-23-92		22.45	132.72
	11-12-92		22.60	132.57
	02-02-93		20.28	134.89
	05-18-93		21.06	134.11
MW-3	04-01-91	157.13	21.55	135.58
	03-27-92		21.46	135.67
	06-04-92		22.34	134.79
	09-23-92		22.84	134.29
	11-12-92		23.03	134.09
	02-02-93		21.03	136.10
	05-18-93		21.73	135.40
MW-4	05-18-93	151.96	17.55	134.41
MW-5	05-18-93	148.68	15.72	132.96
MW-6	05-18-93	153.96	20.80	133.16
MW-7	05-18-93	156.09	22.64	133.45
MW-8	05-18-93	158.04	21.55	136.49

ATTACHMENT D

HISTORICAL GROUND WATER ANALYTICAL DATA

TABLE 3

GROUND WATER ANALYTICAL RESULTS
(concentrations in parts per billion)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons			Aromatic Volatile Organics			
		Gasoline	Diesel	Motor Oil	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	04-01-91	4,100	<100	-	140	570	76	460
	03-27-92	5,600	<50	<50	760	900	230	1,100
	06-04-92	2,600	<800	-	270	57	230	440
	09-23-92	3,400	-	-	480	430	110	550
	11-12-92	2,700	-	-	5.8	<5.0	140	340
	02-02-93	8,500	-	-	760	770	250	1,200
	05-07-93	7,700	-	-	970	630	280	1,500
MW-2	04-01-91	10,000	<100	-	650	640	150	960
	03-27-92	18,000	<50	<50	2,400	2,300	870	3,300
	06-04-92	14,000	<5,000	-	1,900	1,700	580	2,300
	09-23-92	22,000	-	-	2,100	1,500	760	2,900
	11-12-92	29,000	-	-	2,400	860	540	3,500
	02-02-93	24,000	-	-	2,700	1,900	590	2,600
	05-07-93	19,000	-	-	1,800	1,300	460	2,600
MW-3	04-01-91	3,100	<100	-	41	91	37	420
	03-27-92	160	<50	<50	9.2	4.8	10	23
	06-04-92	120	<50	-	7.5	2.7	0.5	15
	09-23-92	220	-	-	8.3	4.3	6.2	19
	11-12-92	230	-	-	12	5.5	7.7	19
	02-02-93	86	-	-	2.4	0.71	2.7	6.2
	05-07-93	140	-	-	2.6	1.2	3.9	8.4
MW-4	05-18-93	<50	-	-	<0.50	<0.50	<0.50	<0.50
MW-5	05-18-93	<50	-	-	<0.50	<0.50	<0.50	<0.50
MW-6	05-18-93	170	-	-	<0.50	<0.50	<0.50	<0.50
MW-7	05-18-93	<50	-	-	<0.50	<0.50	<0.50	<0.50
MW-8	05-18-93	<50	-	-	<0.50	<0.50	<0.50	<0.50

Note: Dash (-) indicates that the sample was not analyzed for this constituent.

ATTACHMENT E

LABORATORY REPORT AND CHAIN-OF-CUSTODY FORM

KIFF ANALYTICAL LLC

Report Number : 10142
Date : 06/17/97

Dale van Dam
El Dorado Environmental
2221 Goldorado Trail
El Dorado, CA 95623

Subject : Analysis of 3 Water Samples
Project Name : Beacon 574
Project Number : 94-574-01

Location : Castro Valley

Dear Mr. van Dam,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 916-297-4800.

Sincerely,

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 10142
Date : 06/17/97

Subject : 3 Water Samples
Project Name : Beacon 574
Project Number : 94-574-01

Location : Castro Valley

Case Narrative

The quantitation of TPH as Gasoline for sample MW-6 does not include the compound Methyl-t-butyl ether.

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 916-297-4800

KIFF ANALYTICAL LLC

Report Number : 10142
Date : 06/17/97

Project Name : **Beacon 574**
Project Number : **94-574-01**

Sample : **MW-5** Matrix : Water
Sample Date :06/12/97

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Toluene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Methyl-t-butyl ether	**7.2**	5.0	ug/L	EPA 8020	06/16/97
TPH as Gasoline	**< 50**	50	ug/L	M EPA 8015	06/16/97
aaa-Trifluorotoluene (8020 Surrogate)	104		% Recovery	EPA 8020	06/16/97
aaa-Trifluorotoluene (Gasoline Surrogate)	91.2		% Recovery	M EPA 8015	06/16/97

Sample : **MW-6** Matrix : Water
Sample Date :06/12/97

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Toluene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8020	06/16/97
Methyl-t-butyl ether	**330**	5.0	ug/L	EPA 8020	06/16/97
TPH as Gasoline	**< 50**	50	ug/L	M EPA 8015	06/16/97
aaa-Trifluorotoluene (8020 Surrogate)	104		% Recovery	EPA 8020	06/16/97
aaa-Trifluorotoluene (Gasoline Surrogate)	91.4		% Recovery	M EPA 8015	06/16/97

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 916-297-4800

KIFF ANALYTICAL LLC

Report Number : 10142
Date : 06/17/97

Project Name : **Beacon 574**
Project Number : **94-574-01**

Sample : **MW-7** Matrix : Water
Sample Date :06/12/97

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8020	06/15/97
Toluene	**< 0.50**	0.50	ug/L	EPA 8020	06/15/97
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8020	06/15/97
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8020	06/15/97
Methyl-t-butyl ether	**28**	5.0	ug/L	EPA 8020	06/15/97
TPH as Gasoline	**< 50**	50	ug/L	M EPA 8015	06/15/97
aaa-Trifluorotoluene (8020 Surrogate)	104		% Recovery	EPA 8020	06/15/97
aaa-Trifluorotoluene (Gasoline Surrogate)	90.9		% Recovery	M EPA 8015	06/15/97

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 916-297-4800

Ultramar Inc.
CHAIN OF CUSTODY REPORT 10142

BEACON

Beacon Station No.	Sampler (Print Name)			ANALYSES									Date	Form No.
574	Hal Hansen												6-12-97	1 of 1
Project No.	Sampler (Signature)												Standard TAT	
94-574-01	Hal Hansen													
Project Location	Affiliation													
Castro Valley	Doulos Env													
Sample No./Identification	Date	Time	Lab No.	BTEX	TPH (gasoline)	TPH (diesel)						No. of Containers	REMARKS	
MW-5	6-12-97	1220	-01	X	X							2		
MW-6		1259	-02											
MW-7		1250	-03											

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Hal Hansen Doulos Env	6/14/97	1600			
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
			Jill Lion		

Report To: Dale van Dam

Bill to: ULTRAMAR INC.
525 West Third Street
Hanford, CA 93230
Attention: Kenneth Earnest

WHITE: Return to Client with Report YELLOW: Laboratory Copy PINK: Originator Copy

32-8003 1/90