THRIFTY OIL CO.

November 20, 1995

Ms. ~~Amy Leech~~ Madhulla Logan
Department of Environmental Health
1131 Harbor Bay Parkway
Rm 250
Alameda, Ca 94502

RE: Third Quarterly Report 1995
Thrifty Oil Co. Station #052
20200 Hesperian Boulevard
Hayward, Ca

Dear Ms. Leech,

This letter serves as a progress monitoring report for Thrifty Oil Co. Station #052 located at 20200 Hesperian Boulevard (Figure 1). This status report presents site monitoring efforts for the 3rd quarter 1995. Thrifty Oil Co. has retained Earth Management Co. (EMC) to conduct quarterly monitoring and sampling activities at the site. The data collected by EMC is reported by Thrifty in-house environmental staff shown in Table 1..

GROUNDWATER MONITORING

Groundwater depth measurements were obtained from the on and off-site wells (Figure 2) by a representative from Earth Management Co. (EMC). An Oil Recovery Marine Moisture Tape was used to collect depth to groundwater information. The depth to groundwater data was recorded by EMC on a project status sheet. Copies of the project status reports for the site visits are presented in Appendix A, and survey data is presented in Appendix B.

GROUNDWATER SAMPLING

On September 26, 1995, each groundwater monitoring well was sounded for depth to groundwater and depth to well bottom by EMC personnel. With this information, the casing volume of each well was established for the purpose of sample collection. Groundwater was purged using a teflon bailer cleaned with a solution of Alconox and water. Purged water was stored in 55-gallon D.O.T. approved drums pending proper disposal.

Groundwater samples were collected after the groundwater recovered to at least 80 percent of its initial level or after waiting at least two hours. Each sample was collected using a 350 cc teflon bailer. The collected sample was transferred into laboratory supplied vials, labeled and chilled until delivery to American Analytics for analysis. The water samples were logged on a Chain-of-Custody form to be analyzed for total hydrocarbons (TPH) and volatile aromatic compounds (BTEX) using EPA methods 8015 and 8020, respectively. A copy of the chain-of-custody card and analytical results are presented in Appendix C.

10,000 Lakewood Boulevard, Downey, CA 90240-4082 • (310) 923-9876

FINDINGS

On September 26, 1995, depth to groundwater beneath the site ranged from 10.94 to 13.92 feet below ground surface. Using recent survey data and the depth to water information, the groundwater flow direction was estimated to be westerly with a gradient of .003 feet/feet. Figure 2 shows the estimated groundwater flow direction. No free product, sheen, or film was noted on the groundwater in any of the wells in the sampling period.

No detectable concentrations of TPH were found in the groundwater samples collected except wells MW-2 and MW-3, which had 5100 and 410 ug/L, respectively. Benzene was also found in these wells at 40 ug/L and 1.3 ug/L, respectively. Benzene was also found in well A-5 at 0.63 with no TPH concentration. The analytical result are shown in Table 2. Figure 3 presents the THP isocon concentrations, and Figure 4 presents the Benzene isocon concentrations established during this reporting period.

CLEAN-UP STATUS

ARCO Products Company was undertaking the remediation process at this site with vapor extraction, air sparging and Groundwater treatment. On August 28, 1995 ARCO removed their remediation equipment from these premises, and Thrifty Oil Co. assumed control of the site remediation. As per our phone conversion, Thrifty and the Alameda County Health Department agreed that Thrifty should do at least two quarterly sampling periods before installing any remediation equipment on the site. This time frame gives Thrifty a chance to review the data and determine the most effective means for remediation of the site. It is not possible at this time to determine a remediation plan.

This is Thrifty's first quarterly report for this site and is not complete with all the historical data from the site. Once Thrifty receives the reports from ARCO, historical tables will be included in the reports.

If you have any question, please contact Raymond C. Friedrichsen or myself at (310) 923-9876.

Respectfully,

PETER D'AMICO
Manager
Environmental Affairs

Tables

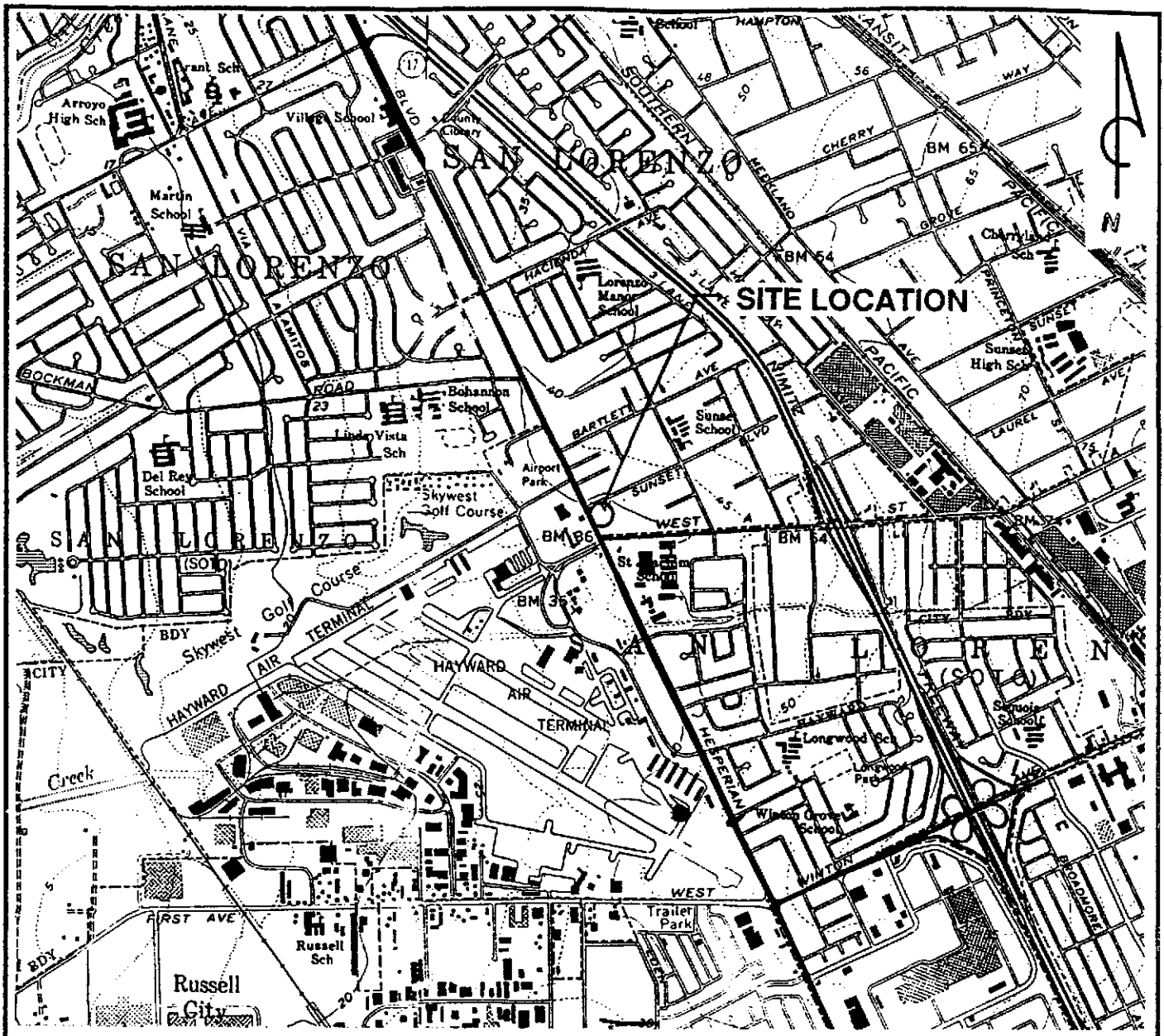
Table 1
Liquid Surface Elevation Data
20200 Hesperian Boulevard
Hayward, California

Well Number	Date Gauged	Well Elevation (feet,MSL)	Depth to Water (feet,TOC)	Groundwater Elevation (feet,MSL)
A-4	9/26/95	39.46	13.22	26.24
A-5	9/26/95	38.47	12.44	26.03
A-6	9/26/95	38.78	12.56	25.26
A-7	9/26/95	39.38	13.92	25.46
A-8	9/26/95	36.76	10.94	25.82
A-9	9/26/95	38.19	12.43	25.76
A-10	9/26/95	38.66	13.58	25.08
AR-1	9/26/95	37.46	11.34	26.12
AR-2	9/26/95	37.98	11.67	26.31
MW-1	9/26/95	37.26	11.26	26.00
MW-2	9/26/95	37.99	12.23	25.76
MW-3	9/26/95	36.80	10.96	25.84

Table 2
Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Xylenes (ppb)
A–4	9/26/95	ND	ND	ND	ND	ND
A–5	9/26/95	ND	0.63	1.1	ND	1.2
A–6	9/26/95	ND	ND	ND	ND	ND
A–7	9/26/95	ND	ND	ND	ND	ND
A–8	9/26/95	ND	ND	ND	ND	ND
A–9	9/26/95	ND	ND	ND	ND	ND
A–10	9/26/95	ND	ND	ND	ND	ND
AR–1	9/26/95	ND	8.3	ND	ND	ND
AR–2	9/26/95	ND	ND	ND	ND	ND
MW–1	9/26/95	ND	ND	ND	ND	ND
MW–2	9/26/95	5100	40	25	2.5	18
MW–3	9/26/95	410	1.3	1.9	2.3	3.3

Figures



QUADRANGLE LOCATION

REFERENCES:
USGS 7.5 MIN. TOPOGRAPHIC MAP
TITLED: HAYWARD, CALIFORNIA
DATED: 1959 REVISED: 1980
TITLED: SAN LEANDRO, CALIFORNIA
DATED: 1959 REVISED: 1980

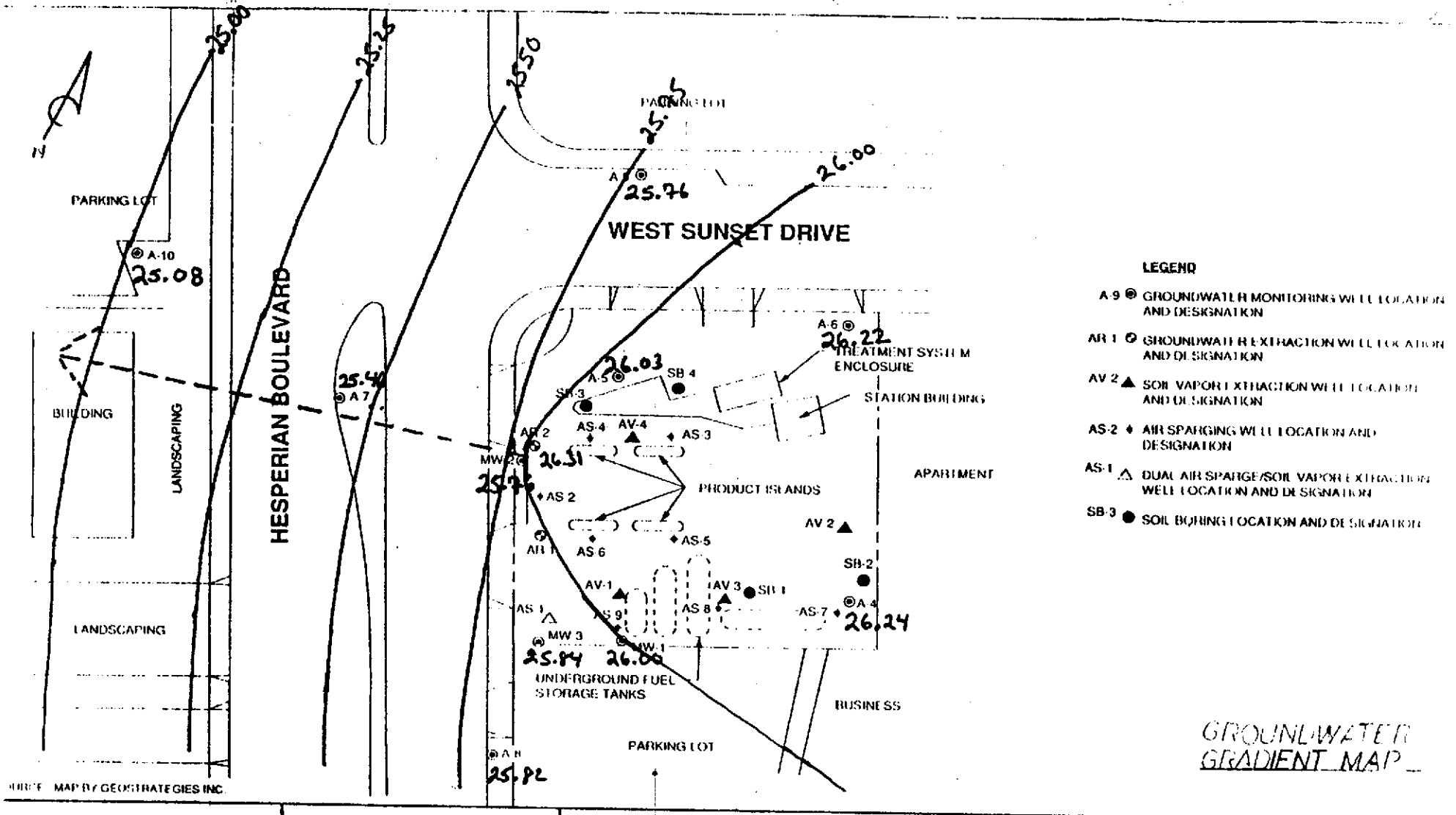
SCALE IN FEET
2000 0 2000

PACIFIC ENVIRONMENTAL GROUP, INC.

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

SITE LOCATION MAP

FIGURE: 1
PROJECT: 330-110.5A



SOURCE: MAP BY GEOSTRATEGIES INC.

GROUNDWATER GRADIENT MAP

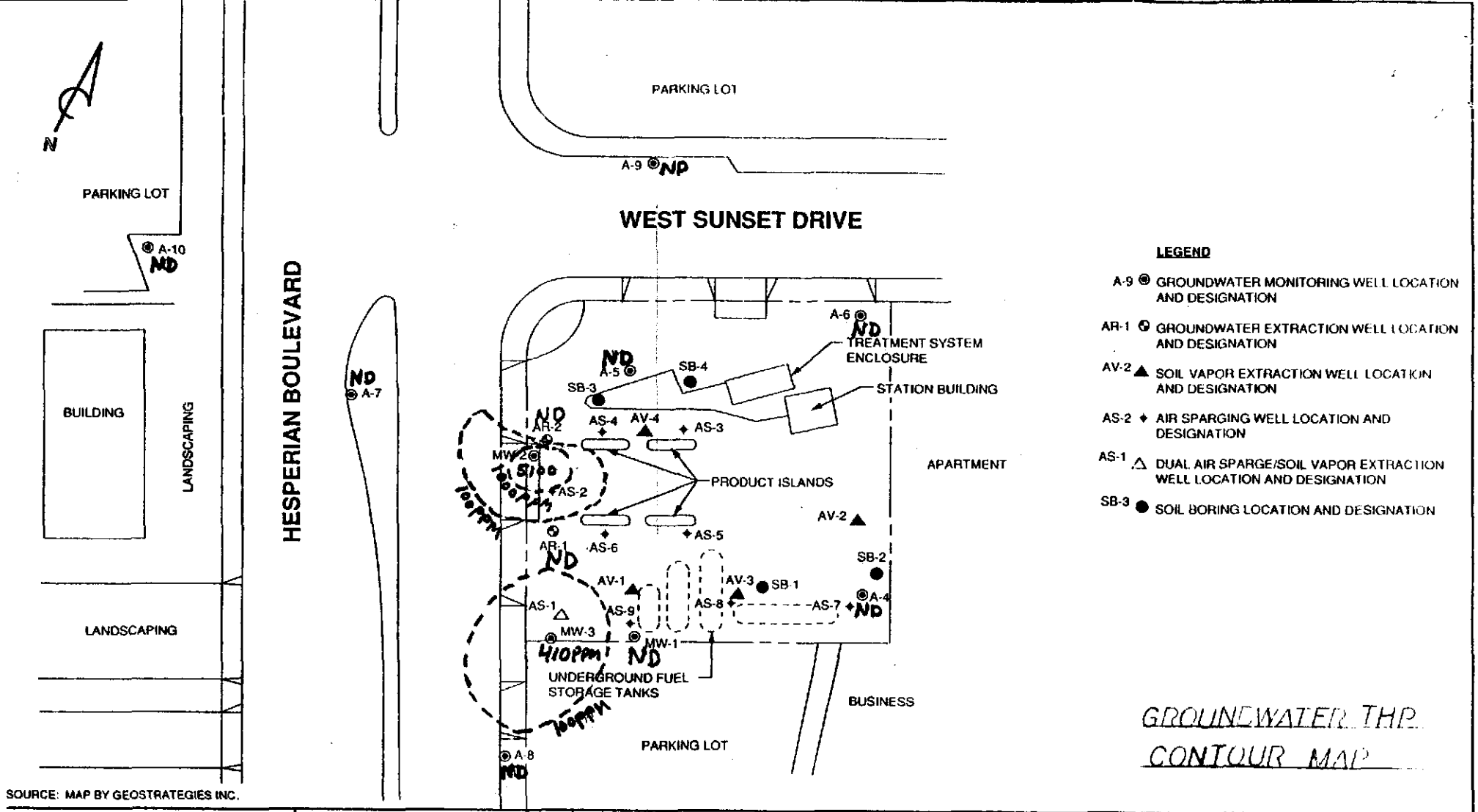
PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 40 80 FEET

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

WELL LOCATION MAP

FIGURE 2
PROJECT 130-1004.A



SOURCE: MAP BY GEOSTRATEGIES INC.

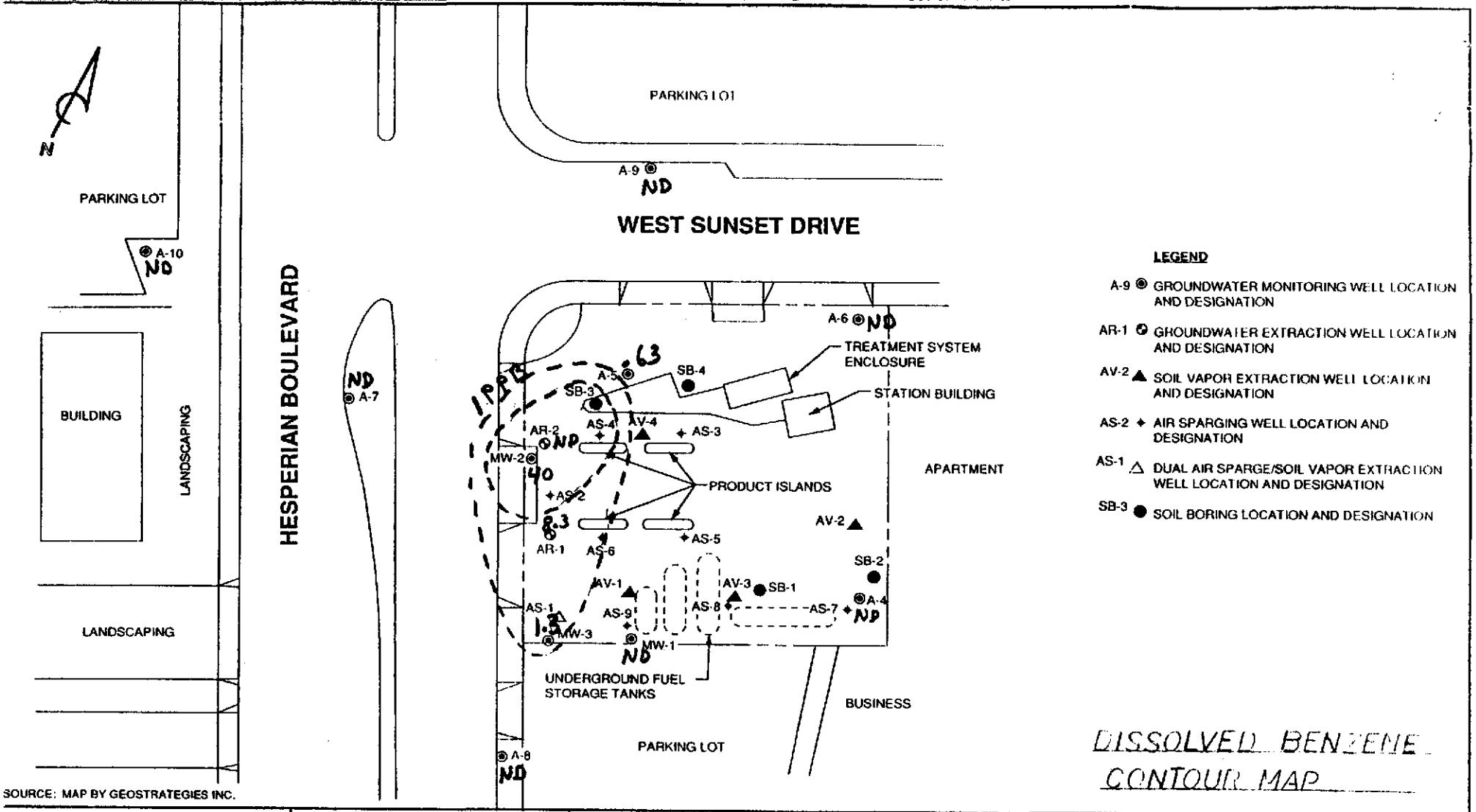
PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 40 80 FEET

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

WELL LOCATION MAP

FIGURE 3
PROJECT 330.110.5A



SOURCE: MAP BY GEOSTRATEGIES INC.

DISSOLVED BENZENE CONTOUR MAP

PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 40 80 FEET

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

WELL LOCATION MAP

FIGURE 4
PROJECT 330-110.5A

Appendix A

EARTH MANAGEMENT CO.

Environmental Remediation

PROJECT STATUS REPORT
THRIFTY OIL CO. S.S. #052
20200 HESPERIAN BLVD.
HAYWARD, CALIF. 94541
DATE: 9-26-95

OBSERVATION WELLS

NO.	DTW	DTP	PT	DTB	DIA.	Elevation MSL	ODORS			F/P			
							YES	NO	S	YES	NO		
A-4	13.22			34.40	3"	39.46		X			X		
A-5	12.44			29.20	3"	38.47		X			X		
A-6	12.56			34.25	3"	38.78		X			X		
A-7	13.92			34.85	3"	39.38		X			X		
A-8	10.94			33.60	2"	36.76		X			X		
A-9	12.43			33.50	2"	38.19		X			X		
A-10	13.58			34.15	2"	38.66		X			X		
AR-1	11.34			34.00	6"	37.46		X			X		
AR-2	11.67			34.60	6"	37.98		X			X		
MW-1	11.26			28.00	2"	37.26		X			X		
MW-2	12.23			26.40	2"	37.99		X			X		
MW-3	10.96			27.40	2"	36.80		X			X		

EXPLANATION

DTW - DEPTH TO WATER FROM SURFACE S - SLIGHT DTP - DEPTH TO PRODUCT FROM SURFACE

PT - PRODUCT THICKNESS DTB - DEPTH TO BOTTOM DIA. - DIAMETER

MEASUREMENTS IN FEET

REMARKS: _____

FREE PRODUCT REMOVED: APPROX. — GALLONS WATER REMOVED: APPROX. 460 GALLONS

DATA RECORDED BY: Kevin Pinton INPUT BY: 5 drv MS water

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SS # 052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. A-4 Equip. BAILER

Before Purging

Total Well Depth 34.40 ft. Well Diameter 3"

Depth to Water 13.22 ft. Est. Purge Vol. 31

Sampling Data

Initial Turbidity _____ Final Turbidity _____

Time						
EC	1460	1470	1490	1510	1530	1550
pH	6.81	6.79	6.73	6.72	6.70	6.64
Temp	68.8	68.8	69.1	69.3	69.5	69.8
Gal.	3	6	9	12	15	18
Time				9:40		
EC	1570	1570	1590	1600		
pH	6.61	6.58	6.55	6.53		
Temp	69.9	70.1	70.3	70.1		
Gal.	21	24	27	31		

After Purging/Before Sample Collection

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SSA 052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. AR-2 Equip. BAILER

Before Purging

Total Well Depth 34.60 ft. Well Diameter 6"

Depth to Water 11.67 ft. Est. Purge Vol. 135

Sampling Data

Initial Turbidity _____ Final Turbidity _____

Time	9:28	9:34	9:40	9:48	9:54	10:03
EC	1700	1700	1720	1730	1750	1770
pH	6.24	6.25	6.23	6.20	6.10	6.02
Temp	68.4	68.8	68.8	69.1	69.3	69.7
Gal.	13	27	40	54	67	81
Time	10:10	10:16	10:22	10:30		
EC	1790	1800	1810	1830		
pH	5.96	5.93	5.90	5.88		
Temp	69.9	70.1	70.3	70.7		
Gal.	94	108	121	135		

After Purging/Before Sample Collection

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SS # 052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. AR-1 Equip. BAILER

Before Purging

Total Well Depth 34.00 ft. Well Diameter 6"

Depth to Water 11.34 ft. Est. Purge Vol. 133

Sampling Data

Initial Turbidity Final Turbidity

Time	10:35	10:39	10:43	10:47	10:51	10:55
EC	1710	1710	1720	1730	1740	1760
pH	6.19	6.21	6.25	6.28	6.31	6.35
Temp	68.5	68.9	69.1	69.5	69.7	69.9
Gal.	13	26	39	53	66	79
Time	11:00	11:06	11:10	11:20		
EC	1780	1780	1790	1810		
pH	6.38	6.41	6.44	6.49		
Temp	70.1	70.5	70.7	70.9		
Gal.	93	106	~~119~~	133		

After Purging/Before Sample Collection

Depth to Water ft. Total Well Depth ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SSH052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. A-5 Equip. BAILER

Before Purging

Total Well Depth 29.20 ft. Well Diameter 3

Depth to Water 12.44 ft. Est. Purge Vol. 25

Sampling Data

Initial Turbidity _____ Final Turbidity _____

Time						
EC	1670	1680	1670	1680	1690	1690
pH	6.61	6.59	6.56	6.53	6.50	6.48
Temp	70.5	70.1	69.9	69.5	69.3	68.8
Gal.	2	5	7	10	12	15
Time				12:15		
EC	1700	1710	1730	1740		
pH	6.46	6.43	6.40	6.36		
Temp	69.6	69.3	68.1	67.8		
Gal.	17	20	22	25		

After Purging/Before Sample Collection

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SS #052 Date 9-26-1995

Address

Personnel Weather SUNNY

Well No. MW-3 Equip. BAILER

Before Purging

Total Well Depth 27.40 ft. Well Diameter 2"

Depth to Water 10.96 ft. Est. Purge Vol. 11

Sampling Data

Initial Turbidity Final Turbidity

Time	12:28	12:30	12:32	12:35	12:38	12:40
EC	1660	1640	1620	1610	1600	1600
pH	6.13	6.11	6.20	6.23	6.21	6.28
Temp	72.1	72.3	71.9	71.6	71.3	71.1
Gal.	1	3	5	7	9	11
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection

Depth to Water ft. Total Well Depth ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SS #052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. A-8 Equip. BAILER

Before Purging:

Total Well Depth 33.60 ft. Well Diameter 2"

Depth to Water 10.94 ft. Est. Purge Vol. 15

Sampling Data:

Initial Turbidity _____ Final Turbidity _____

Time						
EC	1670	1670	1680	1690	1710	1730
pH	6.05	6.07	6.05	6.08	6.08	6.08
Temp	70.1	69.8	69.7	69.3	693	691
Gal.	1	3	4	6	7	9
Time				13:20		
EC	1740	1750	1760	1780		
pH	6.09	6.11	6.13	6.11		
Temp	68.9	68.7	68.3	68.3		
Gal.	10	12	13	15		

After Purging/Before Sample Collection:

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site #052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. A-6 Equip. BAILER

Before Purging:

Total Well Depth 34.25 ft. Well Diameter 3"

Depth to Water 12.56 ft. Est. Purge Vol. 32

Sampling Data:

Initial Turbidity _____ Final Turbidity _____

Time	13:33	13:36	13:39	13:42	13:45	13:48
EC	660	630	620	620	610	610
pH	6.32	6.30	6.27	6.25	6.23	6.20
Temp	70.1	70.2	69.8	69.5	69.3	69.1
Gal.	3	6	9	12	16	19
Time	13:51	13:54	13:57	14:00		
EC	580	570	510	530		
pH	5.94	5.91	5.86	5.83		
Temp	68.9	68.7	68.1	68.3		
Gal.	22	25	28	32		

After Purging/Before Sample Collection:

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site 55 #052 Date 9-26-1995

Address

Personnel SERBAN, FLORIN Weather SUNNY

Well No. A-9 Equip. BAILER

Before Purging:

Total Well Depth 33.50 ft. Well Diameter 2"

Depth to Water 12.43 ft. Est. Purge Vol. 14

Sampling Data:

Initial Turbidity _____ Final Turbidity _____

Time	14:06	14:09	14:12	14:15	14:18	14:20
EC	530	520	520	530	540	530
pH	5.74	5.71	5.69	5.67	5.64	5.61
Temp	68.1	68.3	68.6	68.9	69.1	69.5
Gal.	2	4	6	9	11	14
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection:

Depth to Water _____ ft. Total Well Depth _____ ft.

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site SS # 052 Date 9-26-1995

Address

Personnel Weather SUNNY

Well No. A-10 Equip. BAILER

Before Purging:

Total Well Depth 34.15 ft. Well Diameter 2"

Depth to Water 13.58 ft. Est. Purge Vol. 13

Sampling Data:

Initial Turbidity Final Turbidity

Time	15:04	15:06	15:08	15:10	15:12	15:15
EC	1830	1810	1810	1820	1820	1820
pH	5.21	5.83	5.84	5.83	5.84	5.84
Temp	69.4	69.6	69.7	69.9	70.1	70.3
Gal.	2	4	6	8	10	13
Time						
EC						
pH						
Temp						
Gal.						

After Purging/Before Sample Collection:

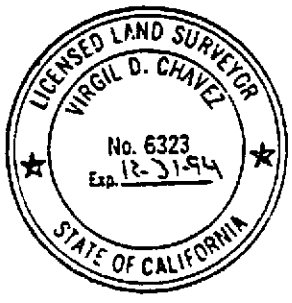
Depth to Water ft. Total Well Depth ft.

APPENDIX B

February 23, 1994

Monitoring Well Survey
20200 Hesperian Blvd.
San Lorenzo, Ca.

Monitoring Well No.	Rim Elevation	Top of Casing Elevation
MW- 1	38.33'	37.26'
MW- 2	38.55'	37.99'
MW- 3	37.80'	36.80'
A- 4	39.84'	39.46'
A- 5	38.92'	38.47'
A- 7	39.93'	39.38'
A- 8	37.20'	36.76'
A- 9	38.70'	38.19'
A-10	38.93'	38.66'
AR-1	38.14'	37.46'
AR-2	38.47'	37.98'
AV-1	38.42'	37.01'
AV-2	39.67'	39.07'
AV-3	38.96'	37.56'
AV-4	38.62'	37.16'
AS-1	38.00'	37.05'
AS-2	38.28'	37.51'
AS-3	38.92'	38.19'
AS-4	38.50'	37.66'
AS-5	38.76'	38.00'
AS-6	38.38'	37.97'
AS-7	39.79'	39.04'
AS-8	39.04'	38.24'
AS-9	38.40'	37.55'
A-6		38.78



Virgil D. Chavez, P.L.S. 6323

APPENDIX C

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: SS# 052
Sample Matrix: Water
Method: EPA 8015M (Gasoline)

AA Project No.: A135052-1
Date Received: 09/29/95
Date Reported: 10/12/95
Units: ug/L

AA I.D. No.	Client I.D. No.	Date Sampled	Date Analyzed	Results	MRL
38415	Trip Blank	09/28/95	10/04/95	<100	100
38416	A-4	09/28/95	10/04/95	<100	100
38417	AR-2	09/28/95	10/04/95	<100	100
38418	AR-1	09/28/95	10/04/95	<100	100
38419	MW-2	09/28/95	10/04/95	5100	100
38420	A-5	09/28/95	10/04/95	<100	100
38421	MW-3	09/28/95	10/04/95	410	100
38422	MW-1	09/28/95	10/04/95	<100	100
38423	A-8	09/28/95	10/04/95	<100	100
38424	A-6	09/28/95	10/04/95	<100	100
38425	A-9	09/28/95	10/04/95	<100	100
38426	A-7	09/28/95	10/04/95	<100	100
38427	A-10	09/28/95	10/04/95	<100	100

MRL: Method Reporting Limit
<: Not detected at or above the value of the concentration indicated.

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Thrifty Oil Company
Project Name: SS# 052
Method: EPA 8015M (Gasoline)
Sample ID: Matrix Spike
Concentration: 500 ug/L

AA ID No.: 38417
Project No.: N/A
AA Project No.: A135052-1
Date Analyzed: 10/04/95
Date Reported: 10/12/95

Compounds	Result (ug/L)	Spike Recovery (%)	Dup. Result (ug/L)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Gasoline Range Organics	474	95	515	103	8	51 - 149

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: SS# 052
Sample Matrix: Water
Method: EPA 8020 (BTEX)

AA Project No.: A135052-1
Date Received: 09/29/95
Date Reported: 10/12/95
Units: ug/L

Date Sampled:	09/28/95	09/28/95	09/28/95	09/28/95	
Date Analyzed:	10/04/95	10/04/95	10/04/95	10/04/95	
AA ID No.:	38415	38416	38417	38418	
Client ID No.:	Trip Blank	A-4	AR-2	AR-1	MRL
Compounds:					
Benzene	<0.5	<0.5	<0.5	8.3	0.5
Ethylbenzene	<0.5	<0.5	<0.5	8.3	0.5
Toluene	<0.5	<0.5	<0.5	5.0	0.5
Xylenes	<1	<1	<1	6.7	1

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: SS# 052
Sample Matrix: Water
Method: EPA 8020 (BTEX)

AA Project No.: A135052-1
Date Received: 09/29/95
Date Reported: 10/12/95
Units: ug/L

Date Sampled:	09/28/95	09/28/95	09/28/95	09/28/95	
Date Analyzed:	10/04/95	10/04/95	10/04/95	10/04/95	
AA ID No.:	38419	38420	38421	38422	
Client ID No.:	MW-2	A-5	MW-3	MW-1	MRL
Compounds:					
Benzene	40	0.63	1.3	<0.5	0.5
Ethylbenzene	25	1.1	1.9	<0.5	0.5
Toluene	2.5	<0.5	2.3	0.59	0.5
Xylenes	18	1.2	3.3	<1	1

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: SS# 052
Sample Matrix: Water
Method: EPA 8020 (BTEX)

AA Project No.: A135052-1
Date Received: 09/29/95
Date Reported: 10/12/95
Units: ug/L

Date Sampled:	09/28/95	09/28/95	09/28/95	09/28/95	
Date Analyzed:	10/04/95	10/04/95	10/04/95	10/04/95	
AA ID No.:	38423	38424	38425	38426	
Client ID No.:	A-8	A-6	A-9	A-7	MRL
Compounds:					
Benzene	<0.5	<0.5	<0.5	<0.5	0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5	0.5
Toluene	<0.5	<0.5	<0.5	<0.5	0.5
Xylenes	<1	<1	<1	<1	1

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY ANALYSIS RESULTS

Client: Thrifty Oil Company
Project No.: N/A
Project Name: SS# 052
Sample Matrix: Water
Method: EPA 8020 (BTEX)

AA Project No.: A135052-1
Date Received: 09/29/95
Date Reported: 10/12/95
Units: ug/L

Date Sampled:	**09/28/95**	
Date Analyzed:	**10/04/95**	
AA ID No.:	**38427**	
Client ID No.:	**A-10**	**MRL**
Compounds:		
Benzene	<0.5	0.5
Ethylbenzene	<0.5	0.5
Toluene	<0.5	0.5
Xylenes	<1	1

MRL: Method Reporting Limit
<: Not detected at or above the value of the concentration indicated.

George Havalias
Laboratory Director

AMERICAN ANALYTICS

LABORATORY QA/QC REPORT

Client: Thrifty Oil Company
Project Name: SS# 052
Method: EPA 8020 (BTEX)
Sample ID: Matrix Spike
Concentration: 20 ug/L

AA ID No.: 38417
Project No.: N/A
AA Project No.: A135052-1
Date Analyzed: 10/04/95
Date Reported: 10/12/95

Compounds	Result (ug/L)	Spike Recovery (%)	Dup. Result (ug/L)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Benzene	20.24	101	20.40	102	1	65 - 135
Ethylbenzene	20.00	100	20.43	102	2	77 - 123
Toluene	19.85	99	20.13	101	2	66 - 134
Xylenes	19.64	98	20.30	102	4	73 - 127

George Havalias
Laboratory Director

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

(818) 998-5547 (818) 998-5548 1-800-533-TEST 1-800-533-8378 FAX (818) 998-7258

DATE: 9.28.95

PAGE 1 OF 1

AA Client: THRIFTY OIL CO		Phone: (310) 923-9876	Sampler's Name: FLORIN & SERBAN
Project Manager: CHRIS DANAITESCU		P.O. No.	Sampler's Signature:
Project Name: SS #052		Project No.	Project Manager's Signature:
Job Name and Address: QUARTERLY WATER SAMP			

AA I.D.#	Client's I.D.	Date	Time	Sample Type	Number of Containers	T.P.H	BTEX	Test Requirements
38415	TRIP BLANK	9.28.95	7:00	WATER	2	X	X	
38416	A-4	9.28.95	15:20	"	2	X	X	
38417	AR-2	9.28.95	15:25	"	2	X	X	
38418	AR-1	9.28.95	15:30	"	2	X	X	
38419	MW-2	9.28.95	15:35	"	2	X	X	
38420	A-5	9.28.95	15:40	"	2	X	X	
38421	MW-3	9.28.95	15:45	"	2	X	X	
38422	MW-1	9.28.95	15:50	"	2	X	X	
38423	A-8	9.28.95	15:55	"	2	X	X	
38424	A-6	9.28.95	16:00	"	2	X	X	
38425	A-9	9.28.95	16:05	"	2	X	X	
38426	A-7	9.28.95	16:10	"	2	X	X	
38427	A-10	9.28.95	16:15	"	2	X	X	

ANALYSIS REQUIRED

Detection Limits

Test Name

SAMPLE INTEGRITY-TO BE FILLED IN BY RECEIVING LAB

Samples Intact Yes ____ No ____

Samples Properly Cooled Yes ____ No ____

Samples Accepted Yes ____ No ____

If Not Why: ____

AA Project No.

Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 9/29/95	Time 12:35	Received by: Michael Ragnk
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:

DISTRIBUTION: White - Laboratory, Canary - Laboratory, Pink - Account Executive, Gold - Client