

**CLEARWATER**  
G R O U P, I N C.  
*Environmental Services*

ENVIRONMENTAL  
PROTECTION  
98 AUG 19 AM 1:57

Ms. Madulla Logan  
Alameda County Dept. of Health Services  
1131 Harbor Bay Pkwy  
Alameda, CA 94502

July 23, 1998

Re: *Quarterly Groundwater Monitoring Report, Second Quarter 1998*  
Former EZ Serve Site #100877 - 525 West A St, Hayward, CA

Dear Ms. Logan,

Enclosed please find the Former EZ Serve #100877 (Hayward) Quarterly Groundwater Monitoring Report for the second quarter 1998. The report summarizes field and laboratory data collected in accordance with this site's groundwater sampling schedule.

I want to apologize for the time it took to generate and submit the report to you. The second quarter we began preparing the reports ourselves, and thus had to draft and tabulate all of the figures and tables from scratch. Now that we have the project set up, I do not anticipate a delay in submitting the reports to you in the future.

As you may remember from our conversation last month, we reviewed the quarterly reports and the history of the project, and it is evident that the future course of this site has not been addressed in a while. It appears that this site has been in the quarterly sampling program for the past five years, producing an abundance of groundwater quality data. Based on this, I think it is time to take a good look at the project history and quantitative data and determine a future course of action for this project. Perhaps, we can set up a time to meet in the near future to discuss the project and where it is going. I will call you within the next two weeks to confirm your receipt of this report and, based on your schedule, set up a meeting. If you have any questions or concerns regarding this issue please contact me or Markus Niebanck at (510) 893-5160. Thank you.

Sincerely,  
CLEARWATER GROUP, INC.



Heidi M. Bauer  
Project Geologist

# CLEARWATER

G R O U P, I N C.

*Environmental Services*

## GROUNDWATER MONITORING REPORT SECOND QUARTER 1998

E-Z Serve #100877  
525 West A Street  
Hayward, California

### BACKGROUND

A total of 15 monitoring wells have been installed; seven on-site (MW-1, 1A, 2, 3, 4, 5, and 6) and seven off-site (MW-7, 8, 9, 10, 11, 12, 13, 14). MW-10 has been destroyed. MW-8, MW-9 and MW-11 can not be located and appear to have been paved over.

### GROUNDWATER MONITORING FIELD ACTIVITIES

Date of Field Activities: June 1, 1998  
Wells Gauged: MW-1A, MW-1 through MW-7, MW-12 through MW-14  
Wells Sampled: MW-1A, MW-1 through MW-7, and MW-14  
Analytes Tested: TPHg, BTEX, and MTBE  
Analytical Methods: EPA Methods 8015/8020 (modified)  
Laboratory: Entech Analytical Labs, Inc. (CAELAP #2224)

Remarks: All samples collected since the second quarter of 1997 have utilized the "no-purge" sampling method.

### GROUNDWATER MONITORING RESULTS

Depth to Water: 86.48 to 87.55 feet below grade  
Flow Direction/Gradient Southwest at 0.02 ft/ft  
SPH - wells/thickness: None  
Benzene concentration range: 160 to 6,100 (on-site wells); <0.5 to 43 µg/L (off-site wells)  
MTBE concentration range: 66 to 720 µg/L (on-site); <5.0 to 82 µg/L (off-site)

Remarks: Groundwater flow and direction are consistent with previous measurements. Groundwater table has risen approximately six feet since previous sampling in November 1997.

### PROJECT STATUS

Quarterly monitoring will continue at the site. Further steps to advance the project from its present status quo are being considered.

**ATTACHMENTS**

- Figure 1 - Site Location Map
- Figure 2 - Groundwater Elevation Contour Map
- Table 1 - Groundwater Elevations and Analytical Results
- Appendix A - Well Gauging Data Sheet
- Appendix B - Laboratory Report and Chain of Custody
- Appendix C - Historical Groundwater Elevations and Analytical Results

**CERTIFICATION**

This report was prepared under the supervision of a California professional registered geologist at Clearwater Group, Inc. All statements, conclusions, and recommendations are based solely upon field observations by Clearwater Group, Inc. and analyses performed by a state-certified laboratory related to the work performed by Clearwater Group, Inc.

Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service performed by Clearwater Group, Inc. has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

Sincerely,

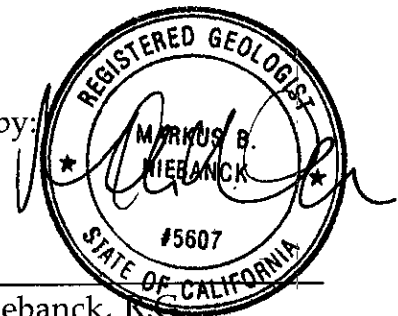
**CLEARWATER GROUP, INC.**

Prepared by:

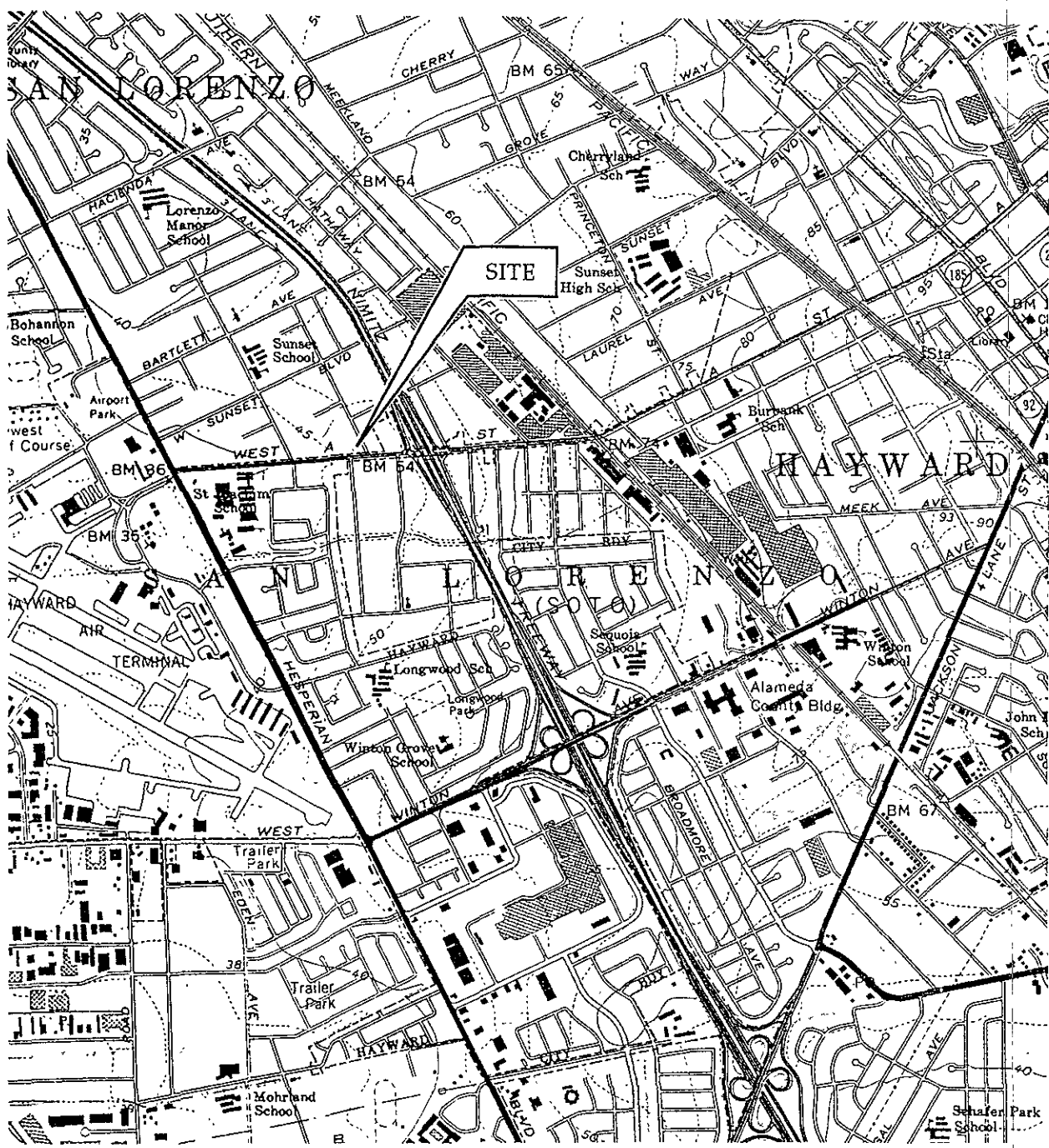


Henry Hurkmans  
Project Geologist

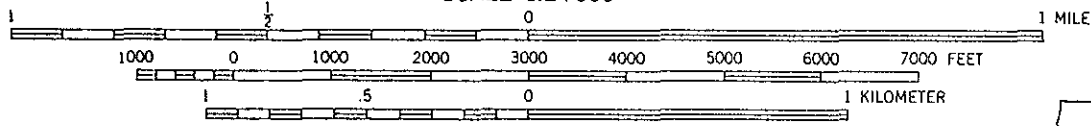
Reviewed by:



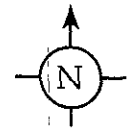
Markus Niebanck, R.G.  
Principal Scientist



SCALE 1:24 000



CONTOUR INTERVAL 20 FEET  
 DOTTED LINES REPRESENT 5-FOOT CONTOURS  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929



SOURCE: USGS 7 1/2 MINUTE QUADRANGLE MAP  
 TITLED- HAYWARD, DATED- 1959, PHOTOREVISED- 1980

QUADRANGLE LOCATION





**SITE LOCATION MAP**  
 E-Z Serve #100877  
 525 West A Street  
 Hayward, California

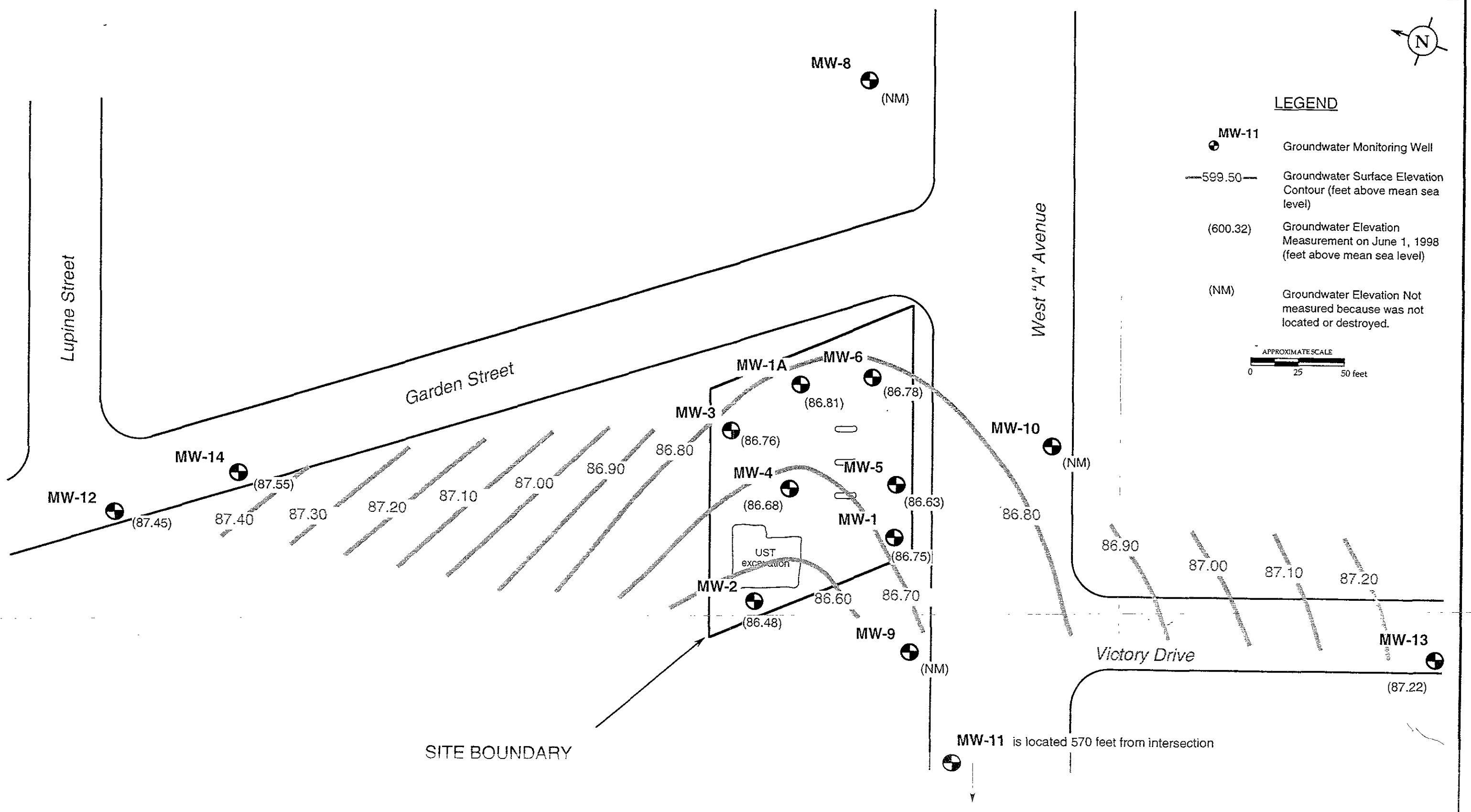
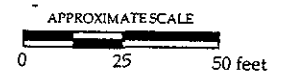
**CLEARWATER GROUP, INC.**

Project No 100877	Figure Date 8/98	Figure No. 1
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**LEGEND**

-  MW-11 Groundwater Monitoring Well
-  599.50 Groundwater Surface Elevation Contour (feet above mean sea level)
-  (600.32) Groundwater Elevation Measurement on June 1, 1998 (feet above mean sea level)
-  (NM) Groundwater Elevation Not measured because was not located or destroyed.



Notes. MW-8, MW-9, MW-11 can not be located and appears to have been paved over. MW-10 has been destroyed

<p><b>GROUNDWATER CONTOUR MAP - 6/1/98</b>          former F-Z Serve Station #100877          525 West A Street          Hayward, California</p>		<p><b>CLEARWATER GROUP, INC.</b></p>	
<p>Project No 100877</p>	<p>Figure Date 8/98</p>	<p>Figure 2</p>	

**Table 1**  
**GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS**

Former E-Z Serve Station #100877

525 West A Street

Hayward, California

<b>Well I.D.</b>	<b>Sampling Date (a)</b>	<b>TOC (feet)</b>	<b>DTW (feet)</b>	<b>GWE (feet)</b>	<b>SPH (feet)</b>	<b>TPHg (µg/L)</b>	<b>MTBE (µg/L)</b>	<b>B (µg/L)</b>	<b>T (µg/L)</b>	<b>E (µg/L)</b>	<b>X (µg/L)</b>
MW-1	6/1/98	96.73	9.98	86.75	0.00	19,000	420	6,100	430	1,100	2,300
	11/25/97		15.99	80.74	0.00	16,000	ND	2,100	23	76	240
	6/30/97		14.68	82.05	0.00	10,000	ND	2,100	ND	ND	320
	4/8/97		13.25	83.48	0.00	2,100	100	430	15	52	85
	12/4/96		15.61	81.12	0.00	17,000	280	3,100	64	610	1,200
	9/23/96		14.92	81.81	0.00	20,000	270	5,200	860	700	1,100
MW-1A	6/1/98	97.59	10.78	86.81	0.00	18,000	91	200	17	230	820
	11/25/97		16.91	80.68	0.00	19,000	ND	110	37	290	910
	6/30/97		15.57	82.02	0.00	17,000	ND	180	ND	140	1,100
	4/8/97		14.15	83.44	sheen	---	---	---	---	---	---
	12/4/96		16.55	81.04	0.00	52,000	130	420	140	1,000	3,500
	9/23/96		16.00	81.59	0.01	---	---	---	---	---	---
MW-2	6/1/98	98.06	11.58	86.48	0.00	33,000	610	2,700	130	1,800	5,700
	11/25/97		17.56	80.50	0.00	51,000	1,200	2,900	140	1,800	7,000
	6/30/97		16.28	81.78	0.00	41,000	890	2,700	130	1,200	4,000
	4/8/97		14.86	83.20	0.00	20,000	880	2,500	80	1,300	3,400
	12/4/96		17.19	80.87	0.00	31,000	690	3,800	140	2,000	5,100
	9/23/96		16.61	81.45	0.00	29,000	860	3,700	150	1,000	4,300
MW-3	6/1/98	97.66	10.90	86.76	0.00	3,300	66	160	6.2	290	93
	11/25/97		16.99	80.67	0.00	6,800	130	230	ND	370	290
	6/30/97		15.70	81.96	0.00	3,500	ND	280	ND	32	180
	4/8/97		14.25	83.41	0.00	3,800	56	210	5	270	280
	12/4/96		16.63	81.03	0.00	13,000	67	1,100	25	1,000	1,100
	9/23/96		16.11	81.55	0.00	10,000	80	950	20	700	780

**Table 1**  
**GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS**

Former E-Z Serve Station #100877

525 West A Street

Hayward, California

<b>Well I.D.</b>	<b>Sampling Date (a)</b>	<b>TOC (feet)</b>	<b>DTW (feet)</b>	<b>GWE (feet)</b>	<b>SPH (feet)</b>	<b>TPHg (µg/L)</b>	<b>MTBE (µg/L)</b>	<b>B (µg/L)</b>	<b>T (µg/L)</b>	<b>E (µg/L)</b>	<b>X (µg/L)</b>
MW-4	6/1/98	97.10	10.42	86.68	0.00	33,000	720	5,700	710	1,700	2,900
	11/25/97		16.49	80.61	0.00	30,000	880	4,300	61	810	1,500
	6/30/97		15.19	81.91	0.00	63,000	1,700	7,000	430	1,400	4,400
	4/8/97		13.73	83.37	0.00	16,000	980	3,900	680	850	2,300
	12/4/96		16.11	80.99	0.00	23,000	1,900	7,800	140	1,200	1,200
	9/23/96		15.56	81.54	0.00	32,000	2,100	7,400	540	1,500	2,800
MW-5	6/1/98	96.73	10.10	86.63	0.00	3,600	81	290	12	52	52
	11/25/97		16.14	80.59	0.00	8,200	ND	1,300	14	310	220
	6/30/97		14.83	81.90	0.00	3,800	ND	500	ND	75	84
	4/8/97		13.39	83.34	0.00	11,000	180	1,300	15	450	720
	12/4/96		15.78	80.95	0.00	10,000	70	2,200	9	550	430
	9/23/96		15.19	81.54	0.00	9,800	100	1,800	11	470	510
MW-6	6/1/98	97.09	10.31	86.78	0.00	14,000	160	190	50	680	400
	11/25/97		16.40	80.69	0.00	9,100	310	130	26	500	150
	6/30/97		15.08	82.01	0.00	11,000	ND	270	37	590	450
	4/8/97		13.64	83.45	0.00	17,000	2,700	700	92	1,400	900
	12/4/96		16.06	81.03	0.00	11,000	130	390	25	680	170
	9/23/96		15.50	81.59	0.00	12,000	51	520	55	930	350
MW-7	6/1/98	97.44	10.76	86.68	0.00	8,200	82	43	9.7	35	100
	11/25/97		16.80	80.64	0.00	2,400	120	23	5	ND	54
	6/30/97		15.51	81.93	0.00	5,500	280	ND	79	ND	44
	4/8/97		14.10	83.34	0.00	5,600	ND	42	ND	240	96
	12/4/96		16.43	81.01	0.00	7,800	22	67	ND	600	350
	9/23/96		15.94	81.50	0.00	6,300	15	76	ND	420	270

**Table 1**  
**GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS**

Former E-Z Serve Station #100877  
 525 West A Street  
 Hayward, California

<b>Well I.D.</b>	<b>Sampling Date (a)</b>	<b>TOC (feet)</b>	<b>DTW (feet)</b>	<b>GWE (feet)</b>	<b>SPH (feet)</b>	<b>TPHg (µg/L)</b>	<b>MTBE (µg/L)</b>	<b>B (µg/L)</b>	<b>T (µg/L)</b>	<b>E (µg/L)</b>	<b>X (µg/L)</b>
MW-8	9/23/96	97.61	15.83	81.78	0.00	ND	ND	ND	ND	ND	ND
MW-9	---	95.41	---	---	---	---	---	---	---	---	---
MW-10	12/4/96	97.11	16.15	80.96	0.00	4,600	20	2	8	260	150
	9/23/96		15.59	81.52	0.00	3,800	397	4	3	220	170
MW-11	4/8/97	92.68	10.51	82.17	0.00	24,000	ND	280	130	3,000	3,700
	9/23/96		12.29	80.39	0.00	27,000	40	55	81	3,000	3,500
MW-12	6/1/98	99.03	11.58	87.45	0.00	---	---	---	---	---	---
	11/25/97		17.61	81.42	0.00	---	---	---	---	---	---
	6/30/97		16.33	82.70	0.00	---	---	---	---	---	---
	4/8/97		14.88	84.15	0.00	ND	ND	ND	ND	ND	ND
	12/4/96		17.16	81.87	0.00	ND	ND	3	ND	2	3
	9/23/96		16.67	82.36	0.00	ND	ND	ND	2	ND	ND
MW-13	6/1/98	96.80	9.58	87.22	0.00	---	---	---	---	---	---
	11/25/97		15.48	81.32	0.00	---	---	---	---	---	---
	6/30/97		14.13	82.67	0.00	---	---	---	---	---	---
	4/8/97		12.75	84.05	0.00	ND	ND	ND	ND	ND	ND
	9/23/96		14.60	82.20	0.00	ND	ND	ND	1	1	ND
MW-14	6/1/98	99.01	11.46	87.55	0.00	<50	<5	<0.5	<0.5	<0.5	<0.5
	11/25/97		17.52	81.49	0.00	ND	ND	ND	ND	ND	ND
	6/30/97		16.22	82.79	0.00	74	ND	1	ND	1	1



**Table 1**  
**GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS**

Former E-Z Serve Station #100877

525 West A Street

Hayward, California

<b>Well I.D.</b>	<b>Sampling Date (a)</b>	<b>TOC (feet)</b>	<b>DTW (feet)</b>	<b>GWE (feet)</b>	<b>SPH (feet)</b>	<b>TPHg (µg/L)</b>	<b>MTBE (µg/L)</b>	<b>B (µg/L)</b>	<b>T (µg/L)</b>	<b>E (µg/L)</b>	<b>X (µg/L)</b>
MW-14	4/8/97		14.77	84.24	0.00	2,900	ND	ND	3	220	21
(cont'd)	12/4/96		17.06	81.95	0.00	9,500	30	6	ND	1,100	400
	9/23/96		16.67	82.34	0.00	6,400	10	3	ND	690	96

**Notes:**

- TOC Elevation of survey mark at the top of the well casing referenced to 100 foot arbitrary site elevation datum
- DTW Depth to water
- GWE Groundwater elevation
- SPH Separate Phase Hydrocarbons present, sheen indicates SPH thickness < 0.01-foot
- TPHg Total petroleum hydrocarbons as gasoline using EPA Method 8015 (modified)
- BTEX Benzene, Toluene, Ethylbenzene and total Xylenes using EPA Method 8020 (modified)
- MTBE Methyl tert-butyl ether using EPA Method 8020 (modified)
- µg/L Micrograms per liter
- Not analyzed, not measured
- ND Not detected
- <#.# Not detected exceeding indicated detection reporting limit (#.#)
- (a) Well monitoring results prior to 9/23/96 attached as Appendix C

# WELL GAUGING DATA/PURGE CALCULATIONS

Job No.: 100877 Location: Emm. E2-Serve  
525 W. A St.  
Hayward, CA Date: 6-1-98 Tech(s): HH

WELL NO.	DIAM (in)	DTB (ft)	DTW (ft)	ST (ft)	CV (gal)	PV (gal)	SPL (ft)	NOTES	
MW-1A	2	-	10.78	-	-	-	∅		
MW-1	4	-	9.98	-	-	-	∅		
MW-2	↓	-	11.58	-	-	-	∅		
MW-3		-	10.90	-	-	-	∅		
MW-4		-	10.42	-	-	-	∅		
MW-5		-	10.10	-	-	-	∅		
MW-6		-	10.31	-	-	-	∅		
MW-7		2	-	10.76	-	-	-	∅	
MW-12		-	-	11.58	-	-	-	∅	
MW-13		-	-	9.58	-	-	-	∅	
MW-14		↓	-	11.46	-	-	-	∅	

**Explanation:**

- DIAM = Well Diameter
- DTB = Depth to Bottom
- DTW = Depth to Water
- ST = Saturated Thickness (DTB-DTW)
- CV = Casing Volume (ST x cf)
- PV = Purge Volume (standard 3 x CV, well development 10 x CV)
- SPL = Thickness of Separate Phase Liquid

*note: wells were not purged prior to sampling*

**Conversion Factors (cf)**

- 2 inch diameter well cf = 0.16 gal/ft
- 4 inch diameter well cf = 0.65 gal/ft
- 6 inch diameter well cf = 1.44 gal/ft

**CLEARWATER GROUP, INC.**  
 520 Third St., Ste. 104  
 Oakland, California 94607  
 Phone: (510) 893-5160  
 Fax: (510) 893-5947

# Entech Analytical Labs, Inc.

FILE COPY

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

RECEIVED JUN 11 1998

Hayward

Attn: Henry Hurkmans  
Clearwater Group, Inc.  
520 Third Street, Suite 104  
Oakland, CA 94607

Date:	6/9/98
Date Received:	6/2/98
Date Analyzed:	6/4-6/5/98
Project:	100877
Sampled By:	Client

## Certified Analytical Report

### Water Sample Analysis:

Test	MW-1A	MW-1	MW-2	MW-3	Units	PQL	EPA Method #
Sample Matrix	Water	Water	Water	Water			
Sample Date	6/1/98	6/1/98	6/1/98	6/1/98			
Sample Time	1300	1315	1345	1145			
Lab #	E10478	E10479	E10480	E10481			
DF-Gas/MBTEX	10	10	100	10			
TPH-Gas	18,000	19,000	33,000	3,300	µg/liter	50.0 µg/l	8015M
MTBE	91	420	610	66	µg/liter	5.0 µg/l	8020
Benzene	200	6,100 <sup>2</sup>	2,700	160	µg/liter	0.5 µg/l	8020
Toluene	17	430	130	6.2	µg/liter	0.5 µg/l	8020
Ethyl Benzene	230	1,100	1,800	290	µg/liter	0.5 µg/l	8020
Xylenes	820	2,300	5,700	93	µg/liter	0.5 µg/l	8020

1. DLR=DF x PQL
2. DF=100
3. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

  
Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Henry Hurkmans  
Clearwater Group, Inc.  
520 Third Street, Suite 104  
Oakland, CA 94607

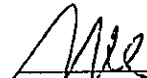
Date:	6/9/98
Date Received:	6/2/98
Date Analyzed:	6/5/98
Project:	100877
Sampled By:	Client

## Certified Analytical Report

### Water Sample Analysis:

Test	MW-4	MW-5	MW-6	MW-7	Units	PQL	EPA Method #
Sample Matrix	Water	Water	Water	Water			
Sample Date	6/1/98	6/1/98	6/1/98	6/1/98			
Sample Time	1330	1230	1245	1130			
Lab #	E10482	E10483	E10484	E10485			
DF-Gas/BTEX	100	10	10	10			
TPH-Gas	33,000	3,600	14,000	8,200	µg/liter	50.0 µg/l	8015M
MTBE	720	81	160	82	µg/liter	5.0 µg/l	8020
Benzene	5,700	290	190	43	µg/liter	0.5 µg/l	8020
Toluene	710	12	50	9.7	µg/liter	0.5 µg/l	8020
Ethyl Benzene	1,700	52	680	35	µg/liter	0.5 µg/l	8020
Xylenes	2,900	52	400	100	µg/liter	0.5 µg/l	8020

1.  $DLR = DF \times PQL$
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

  
Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Attn: Henry Hurkmans  
Clearwater Group, Inc.  
520 Third Street, Suite 104  
Oakland, CA 94607

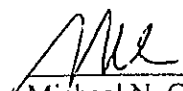
Date:	6/9/98
Date Received:	6/2/98
Date Analyzed:	6/5/98
Project:	100877
Sampled By:	Client

## Certified Analytical Report

### Water Sample Analysis:

Test	MW-14	Units	PQL	EPA Method #
Sample Matrix	Water			
Sample Date	6/1/98			
Sample Time	1015			
Lab #	E10486			
DF-Gas/BTEX	1			
TPH-Gas	ND	µg/liter	50.0 µg/l	8015M
MTBE	ND	µg/liter	5.0 µg/l	8020
Benzene	ND	µg/liter	0.5 µg/l	8020
Toluene	ND	µg/liter	0.5 µg/l	8020
Ethyl Benzene	ND	µg/liter	0.5 µg/l	8020
Xylenes	ND	µg/liter	0.5 µg/l	8020

1.  $DLR = DF \times PQL$
2. Analysis performed by Entech Analytical Labs, Inc. (CAELAP #2224)

  
Michael N. Golden, Lab Director

DF=Dilution Factor  
DLR=Detection Reporting Limit

PQL=Practical Quantitation Limit  
ND=None Detected at or above DLR

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

### QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG7980605

Matrix: Water

Units: ug/L

Date Analyzed: 06/05/98

Quality Control Sample: E10736

PARAMETER	Method #	MB ug/L	SA ug/L	SR ug/L	SP ug/L	SP % R	SPD ug/L	SPD %R	RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	40	ND	35	88	34	86	2.3	25	75-125
Toluene	8020	<0.50	40	ND	37	92	40	100	8.9	25	75-125
Ethyl Benzene	8020	<0.50	40	ND	37	93	40	101	8.0	25	75-125
Xylenes	8020	<0.50	120	ND	111	92	119	99	7.3	25	75-125
Gasoline	8015	<50.0	1000	ND	874	87	834	83	4.7	25	75-125

Note: LCS and LCSD results reported for the following Parameters:

None

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

#### Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

### QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG2980604

Matrix: Water

Units: ug/L

Date Analyzed: 06/04/98

Quality Control Sample: Blank Spike

PARAMETER	Method #	MB ug/L	SA ug/L	SR ug/L	SP ug/L	SP % R	SPD ug/L	SPD %R	RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	80	ND	80	100	80	100	0.1	25	76-112
Toluene	8020	<0.50	80	ND	80	100	79	99	1.1	25	77-111
Ethyl Benzene	8020	<0.50	80	ND	81	101	81	101	0.5	25	77-112
Xylenes	8020	<0.50	240	ND	241	100	239	100	0.7	25	79-111
Gasoline	8015	<50.0	1000	ND	820	82	790	79	3.7	25	58-127

Note: LCS and LCSD results reported for the following Parameters:

All

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

#### Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E  
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography

QC Batch #: GBG2980605

Matrix: Water

Units: ug/L

Date Analyzed: 06/05/98

Quality Control Sample: E10511

PARAMETER	Method #	MB ug/L	SA ug/L	SR ug/L	SP ug/L	SP % R	SPD ug/L	SPD %R	RPD	QC LIMITS	
										RPD	%R
Benzene	8020	<0.50	40	ND	40	99	39	99	0.9	25	76-112
Toluene	8020	<0.50	40	ND	39	98	39	98	0.2	25	77-111
Ethyl Benzene	8020	<0.50	40	ND	39	98	39	98	0.1	25	77-112
Xylenes	8020	<0.50	120	ND	118	98	118	98	0.2	25	79-111
Gasoline	8015	<50.0	1000	ND	890	89	910	91	2.2	25	58-127

Note: LCS and LCSD results reported for the following Parameters:

None

Acceptable LCS and LCSD results are reported when matrix interferences cause MS and MSD results to fall outside established QC limits.

Definition of Terms:

na: Not Analyzed in QC batch

MB: Method Blank

SA: Spike Added

SR: Sample Result

RPD(%): Duplicate Analysis - Relative Percent Difference

SP: Spike Result

SP (%R): Spike % Recovery

SPD: Spike Duplicate Result

SPD (%R): Spike % Recovery

NC: Not Calculated



# Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

## Chain of Custody/Analysis Work Order

Client: Clearwater Group Inc.  
 Address: 520 3rd. St., #104  
Oakland, CA 94607  
 Contact: Henry Hurkmans  
 Telephone #: 510-893-5160  
 Date Received: \_\_\_\_\_  
 Turn Around: 9 standard

Project ID: 100877

Purchase Order #: \_\_\_\_\_

Sampler/Company: \_\_\_\_\_ Telephone #: \_\_\_\_\_

Special Instructions/Comments  
site: Fur E2-serve 100877  
525 W. A St.  
Hayward, CA

### LAB USE ONLY

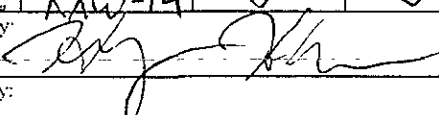
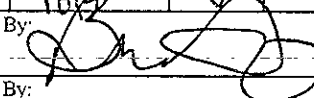
Samples arrived chilled and intact:

Yes                      No

Notes: \_\_\_\_\_

### Sample Information

### Requested Analysis

Lab #	Sample ID	Grab/ Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container	Requested Analysis						
								TPH 8451	BTEX MPEL SOTD					
E10478	MW-1A	grab	H <sub>2</sub> O	6-1-98	1300 <del>1300</del>	HCl	MUOAS	X	X					
E10479	MW-1				1315			X	X					
E10480	MW-2				1345			X	X					
E10481	MW-3				1145			X	X					
E10482	MW-4				1330			X	X					
E10483	MW-5				1230			X	X					
E10484	MW-6				1245			X	X					
E10485	MW-7				1130			X	X					
E10486	AAW-14				1045			X	X					
Relinq. By: 				Received By: 				Date: <u>6/2/98</u>		Time: <u>1:55</u>				
Relinq. By:				Received By:				Date:		Time:				
Relinq. By:				Received By:				Date:		Time:				

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)						
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>	
MW-1	5-Feb-92	99.91	20.82		79.09	46,000	76,000	23,000	2,400	6,500	NA	
	11-Sep-92		20.08		79.83	48,000	9,000	1,200	1,800	4,600	NA	
	22-Dec-92		19.79		80.12	84,000	22,000	1,600	4,800	17,000	NA	
	3-Mar-93	96.73	16.23		83.68	54,000	16,000	1,600	1,900	4,300	NA	
	23-Jun-93		16.86		79.87	30,000	18,000	1,100	1,400	3,700	NA	
	30-Sep-93		18.04		78.69	33,000	10,000	440	940	1,700	NA	
	6-Feb-94		18.15		78.58	64,000	18,000	1,600	4,700	12,000	NA	
	2-May-94		17.26		79.47	7,200	2,100	29	490	520	NA	
	1-Jul-94		17.60		79.13	13,000	3,700	150	550	12,000	NA	
	20-Sep-94		20.59		76.14	10,000	3,100	75	440	870	NA	
	5-Dec-94		17.83		78.90	8,700	3,700	87	520	950	NA	
	10-Mar-95		14.67		82.06							
	15-Mar-95		14.43		82.30	290	56	2	12	47	NA	
	16-Jun-95	14.56		82.17	2,000	530	12	90	160	NA		
	22-Sep-95	16.05		80.68	1,600	1,400	9.0	75	110	NA		
	11-Dec-95	16.74		79.99	6,330	1,700	<25	183	270	NA		
	13-Feb-96	13.38		83.35	140	8.3	2.7	<1	10.6	NA		
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	duplicate	8-Apr-97		13.25		84.34	2,100	430	15	52	85	100
8-Apr-97						1,800	430	9.2	46	79	110	
MW-1A	23-Jun-93	97.59	17.80	0.21	80.00							
	30-Sep-93			Not Recorded								
	6-Feb-94		18.89		78.70	8,900	1,700	42	1,000	400	NA	
	2-May-94		18.35	0.09	79.33							
	1-Jul-94		18.45		79.14	12,000	1,100	<1	920	1,100	NA	
	20-Sep-94		21.72	0.22	76.09							
	5-Dec-94		18.87	0.07	78.79							
	10-Mar-95		15.83		81.76							
14-Mar-95		15.55	0.05	82.09								

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)					
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>
MW-2	15-Jun-95	101.45	15.63	0.03	81.99	Well Not Sampled					
	22-Sep-95		17.05		80.54	2,000	180	9.2	130	310	NA
	11-Dec-95		15.72		81.87	10,100	310	26	350	850	NA
	13-Feb-96		14.35		83.24	20,700	830	70	730	2,300	NA
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	8-Apr-97		14.15	Sheen	83.44	Well Not Sampled					
	5-Feb-92		22.35		79.10	67,000	13,000	4,700	820	1,300	NA
	11-Sep-92		21.67		79.78	57,000	9,000	1,400	1,200	8,400	NA
	22-Dec-92		21.39		80.06	31,000	9,900	350	2,000	4,100	NA
	3-Mar-93		17.75		83.70	17,000	5,100	1,300	720	1,900	NA
	23-Jun-93	98.06	18.42		79.64	60,000	23,000	1,500	4,500	17,000	NA
	30-Sep-93		19.63		78.43	38,000	12,000	780	1,500	6,500	NA
	6-Feb-94		19.61		78.45	34,000	8,900	450	2,000	5,500	NA
	2-May-94		19.84		78.22	18,000	3,800	260	1,100	3,500	NA
	1-Jul-94		19.18		78.88	18,000	3,700	510	870	2,600	NA
	20-Sep-94		22.17		75.89	19,000	4,500	300	1,200	4,000	NA
	6-Dec-94		19.37		78.69	22,000	4,700	340	1,400	4,500	NA
	10-Mar-95		16.33		81.73	Well Not Sampled					
	15-Mar-95		16.89		81.17	29,000	5,600	350	1,900	6,300	NA
	16-Jun-95		16.79		81.27	27,000	4,400	270	1,600	4,700	NA
22-Sep-95		17.54		80.52	3,700	6,700	390	1,800	6,400	NA	
11-Dec-95		17.33		80.73	35,400	3,500	190	1,500	3,700	NA	
13-Feb-96		14.89		83.17	30,500	4,800	190	1,100	3,500	NA	
duplicate	13-Feb-96				21,700	4,900	200	1,100	3,500	NA	
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	9-Apr-97		14.86		83.20	20,000	2,500	80	1,300	3,400	880
duplicate	9-Apr-97					21,000	2,600	90	1,300	3,300	910
MW-3	5-Feb-92	101.50	21.85		79.65	5,900	1,100	<1	<1	<1	NA
	11-Sep-92		21.13		80.37	9,400	1,200	180	550	1,100	NA

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)						
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>	
MW-4	22-Dec-92	97.66	20.88		80.62	12,000	2,800	190	850	1,600	NA	
	3-Mar-93		17.29		84.21	11,000	2,200	360	570	900	NA	
	23-Jun-93		17.88		79.78	33,000	12,000	2,700	1,300	3,500	NA	
	30-Sep-93		19.18		78.48	4,300	1,100	160	690	670	NA	
	6-Feb-94		19.21		78.45	20,000	4,800	430	1,500	2,900	NA	
	2-May-94		18.30		79.36	4,200	680	48	310	540	NA	
	1-Jul-94		18.63		79.03	4,600	600	63	240	470	NA	
	20-Sep-94		21.64		76.02	8,200	2,200	130	670	930	NA	
	6-Dec-94		19.15		78.51	4,000	640	34	290	480	NA	
	10-Mar-95		15.86		81.80			Well Not Sampled				
	15-Mar-95	16.61		81.05	4,300	980	47	370	780	NA		
	16-Jun-95	16.58		81.08	3,300	520	20	280	430	NA		
	22-Sep-95	17.02		80.64	3,800	2,100	< 100	840	1,600	NA		
	11-Dec-95	17.79		79.87	6,920	610	22	350	550	NA		
	13-Feb-96	14.38		83.28	28,900	1,000	33	500	870	NA		
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	9-Apr-97	14.25		83.41	3,800	210	4.6	270	280	56		
	5-Feb-92	97.10	100.50	21.31		79.19	16,000	2,700	410	< 1	3,400	NA
	11-Sep-92		20.62		79.88	43,000	7,600	1,600	1,400	4,100	NA	
	22-Dec-92		20.37		80.13	29,000	8,800	1,200	1,500	3,700	NA	
	3-Mar-93		16.78		83.72	17,000	5,000	1,500	680	1,700	NA	
23-Jun-93	17.45			79.65	5,700	3,000	120	560	790	NA		
30-Sep-93	18.64			78.46	21,000	7,000	2,100	970	2,600	NA		
6-Feb-94	18.59			78.51	24,000	7,200	1,600	990	3,200	NA		
2-May-94	17.81			79.29	10,000	2,200	440	470	1,200	NA		
1-Jul-94	18.13			78.97	8,200	2,000	370	350	930	NA		
20-Sep-94	21.13			75.97	7,200	2,000	360	380	1,000	NA		
6-Dec-94	18.36		78.74	9,000	2,300	400	440	1,100	NA			
10-Mar-95	15.25		81.85			Well Not Sampled						
15-Mar-95	14.89		82.21	15,000	4,400	600	770	2,660	NA			

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)						
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>	
MW-5	16-Jun-95	100.48	14.68		82.42	19,000	5,600	490	890	2,300	NA	
	22-Sep-95		16.60		80.50	3,600	9,300	1,000	1,200	3,600	NA	
	11-Dec-95		17.27		79.83	6,720	1,600	57	390	510	NA	
	13-Feb-96		13.88		83.22	11,700	7,200	500	650	2,000	NA	
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	9-Apr-97		13.73		83.37	16,000	3,900	680	850	2,300	980	
	5-Feb-92		20.93		79.55	78,000	7,900	5,000	2,900	1,800	NA	
	11-Sep-92		20.27		80.21	49,000	4,700	400	1,400	4,100	NA	
	22-Dec-92		19.99		80.49	34,000	8,600	340	2,200	4,800	NA	
	3-Mar-93		16.49		83.99	22,000	7,500	640	1,300	3,400	NA	
	23-Jun-93		96.73	17.02		79.71	15,000	5,800	120	1,100	2,100	NA
	30-Sep-93		18.25		78.48	25,000	7,600	410	1,000	4,400	NA	
	6-Feb-94		18.26		78.47	23,000	6,000	180	2,000	5,900	NA	
	2-May-94		17.50		79.23	8,000	1,300	29	440	770	NA	
	1-Jul-94		17.79		78.94	10,000	1,700	97	600	1,400	NA	
duplicate	20-Sep-94	20.77		75.96	8,400	1,600	54	650	1,400	NA		
	20-Sep-94				9,300	1,700	56	670	1,600	NA		
	5-Dec-94	18.02		78.71	10,000	1,800	<50	620	1,400	NA		
	10-Mar-95	14.93		81.80								
	15-Mar-95	14.70		82.03	5,300	1,100	11	180	320	NA		
	16-Jun-95	14.82		81.91	5,300	1,400	11	180	310	NA		
	22-Sep-95	16.19		80.54	4,000	2,800	<100	350	710	NA		
	11-Dec-95	16.92		79.81	8,190	1,200	<10	270	360	NA		
	13-Feb-96	13.57		83.16	1,200	680	<5	100	150	NA		
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8-Apr-97	13.39		83.34	11,000	1,300	15	450	720	180			
MW-6	5-Feb-92	100.97	21.29		79.68	51,000	5,400	3,500	3,600	10,000	NA	
	11-Sep-92		20.56		80.41	24,000	2,500	830	1,400	2,300	NA	
	22-Dec-92		20.31		80.66	23,000	5,100	630	2,000	3,100	NA	

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)						
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>	
	3-Mar-93	97.09	16.83	0.03	84.14	18,000	4,400	820	1,400	2,400	NA	
	23-Jun-93		17.30		79.79	18,000	4,600	850	2,700	3,400	NA	
	30-Sep-93		19.05		78.07	Sample Not Analyzed						
	6-Feb-94		18.55		78.54	20,000	4,600	690	2,100	2,500	NA	
	2-May-94		17.74		79.35	5,300	930	54	610	240	NA	
	1-Jul-94		18.09		79.00	10,000	1,500	160	850	690	NA	
	20-Sep-94		21.05		76.04	11,000	2,000	140	1,200	760	NA	
	6-Dec-94		18.33		78.76	8,600	1,300	87	980	610	NA	
	10-Mar-95		15.35		81.74	Well Not Sampled						
	15-Mar-95		14.91		82.18	9,800	1,600	110	1,000	1,000	NA	
	16-Jun-95		15.11		81.98	9,200	1,100	78	1,000	550	NA	
	22-Sep-95		16.44		80.65	3,000	1,700	110	1,200	760	NA	
	11-Dec-95		17.20		79.89	13,200	990	110	1,000	520	NA	
	13-Feb-96		13.89		83.20	12,500	1,100	48	750	560	NA	
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	8-Apr-97	13.64	83.45	17,000	700	92	1,400	900	2,700			
MW-7	23-Jun-93	97.44	17.87	0.06	79.57	29,000	4,200	71	4,400	5,600	NA	
	30-Sep-93		18.94		78.50	30,000	3,200	71	2,800	3,400	NA	
	6-Feb-94		19.11		78.39	Sample Not Analyzed						
	2-May-94		18.11		79.33	5,700	630	13	660	400	NA	
	1-Jul-94		18.72		78.72	3,100	180	99	160	520	NA	
	20-Sep-94		21.41		76.03	6,100	540	6	750	730	NA	
	5-Dec-94		18.66		78.78	3,700	280	<10	430	350	NA	
duplicate	5-Dec-94					3,900	310	<10	540	540	NA	
	10-Mar-95		15.72		81.72	Well Not Sampled						
	14-Mar-95		15.23		82.21	1,900	290	4	26	296	NA	
duplicate	14-Mar-95					1,000	330	5	30	339	NA	
	15-Jun-95		15.17		82.27	5,800	380	5	360	540	NA	
duplicate	15-Jun-95					4,800	330	<2.5	320	470	NA	
	21-Sep-95		16.83		80.61	4,020	110	<1	220	220	NA	

**Table 1. Summary of Groundwater Elevation Data and Analytical Laboratory Results for  
Groundwater Samples Collected at Former E-Z Serve Station # 100877  
525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)					
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>
duplicate	21-Sep-95					4,480	140	<1	270	250	NA
	11-Dec-95		17.61		79.83	3,750	120	31	400	330	NA
duplicate	11-Dec-95					5,470	120	12	420	310	NA
	14-Feb-96		14.07		83.37	4,500	190	<5	190	280	NA
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	8-Apr-97		14.10		83.34	5,600	42	<1	240	96	<60
MW-8	23-Jun-93	97.61	17.64		79.97	350	43	9	35	67	NA
	30-Sep-93		18.85		78.76	2,700	190	340	170	720	NA
	6-Feb-94		18.91		78.70	<100	<1	1	1	2	NA
	2-May-94		18.11		79.50	<100	<1	3	<1	7	NA
	1-Jul-94		18.43		79.18	300	18	48	19	37	NA
	20-Sep-94		21.43		76.18	<100	<1	<1	<1	<1	NA
	5-Dec-94		18.72		78.89	<50	<0.5	<0.5	<0.5	<0.5	NA
	10-Mar-95		18.69		78.92			Well Not Sampled			
	14-Mar-95		14.83		82.78	<50	<0.5	<0.5	<0.5	1	NA
	15-Jun-95		14.92		82.69	<50	<0.5	<0.5	<0.5	<0.5	NA
	21-Sep-95		16.52		81.09	<100	2.3	1.3	2.7	9.0	NA
	11-Dec-95		17.52		80.09	<100	1.3	<1	<1	<3	NA
	14-Feb-96		14.27		83.34	<100	<1	<1	<1	<3	NA
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	8-Apr-97							Cannot Locate Well			
MW-9	23-Jun-93	95.41	15.94		79.47	45,000	14,000	1,200	2,800	12,000	NA
	30-Sep-93		17.05		78.36	86,000	22,000	1,100	3,300	15,000	NA
	6-Feb-94		17.07		78.34	43,000	10,000	460	2,100	7,500	NA
	2-May-94		16.24		79.17	17,000	5,400	270	1,300	4,700	NA
	1-Jul-94		16.59		78.82	10,000	2,100	120	450	1,300	NA
	20-Sep-94		19.61		75.80	7,500	2,200	97	400	1,200	NA
	5-Dec-94		16.85		78.56	10,000	2,700	130	530	1,600	NA
	10-Mar-95		NR					Well Not Sampled			

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525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)							
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>		
MW-10	14-Mar-95	97.11	14.18		81.23	18,000	5,900	270	1,200	3,680	NA		
	15-Jun-95		14.09		81.32	12,000	2,500	130	670	1,800	NA		
	21-Sep-95		No Access						Well Not Sampled				
	11-Dec-95		15.58		79.83	12,200	2,100	140	550	1,600	NA		
	14-Feb-96		No Access						Well Not Sampled				
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	8-Apr-97								Cannot Locate Well				
	23-Jun-93			17.39		79.72	35,000	980	640	3,500	12,000	NA	
	30-Sep-93			18.58		78.53	4,000	230	12	100	680	NA	
	6-Feb-94			18.61		78.50	2,000	69	12	220	120	NA	
	2-May-94			17.83		79.28	710	16	6	85	62	NA	
	1-Jul-94			18.17		78.94	2,000	52	43	120	210	NA	
	20-Sep-94			21.15		75.96	2,800	34	16	270	560	NA	
	5-Dec-94			18.43		78.68	2,700	30	13	260	430	NA	
	10-Mar-95			15.37		81.74				Well Not Sampled			
	14-Mar-95			15.93		81.18	1,400	18	6	200	239	NA	
	15-Jun-95			15.97		81.14	1,600	14	4	140	98	NA	
	21-Sep-95			16.48		80.63	4,680	37	17	240	380	NA	
	11-Dec-95			17.30		79.81	670	2.8	1.3	36	19	NA	
	14-Feb-96			14.02		83.09	5,200	<5	<5	330	350	NA	
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8-Apr-97								Well Destroyed					
MW-11	10-Feb-95	92.68	11.80		80.88	7,000	140	22	600	1,000	NA		
	10-Mar-95		11.58		81.10			Well Not Sampled					
	14-Mar-95		13.96		78.72	6,000	200	17	750	1,276	NA		
	15-Jun-95		13.84		78.84	13,000	450	63	1,600	2,200	NA		
	21-Sep-95		13.13		79.55	7,000	340	27	440	640	NA		
	11-Dec-95		13.73		78.95	12,600	770	89	1,800	2,500	NA		
	14-Feb-96		10.42		82.26	8,300	440	42	1,000	1,800	NA		



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525 West A Street, Hayward, California**

Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)					
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>
MW-12	8-Apr-97		10.51		82.17	24,000	280	130	3,000	3,700	<300
	10-Feb-95	99.03	16.30		82.73	<50	<0.5	<0.5	<0.5	<0.5	NA
	10-Mar-95		16.37		82.66			Well Not Sampled			
	14-Mar-95		15.69		83.34	<50	<0.5	<0.5	<0.5	0.9	NA
	15-Jun-95		15.55		83.48	<50	<0.5	<0.5	<0.5	<0.5	NA
	21-Sep-95		17.58		81.45	<100	<1	<1	<1	<3	NA
	11-Dec-95		18.36		80.67	<100	1.0	1.0	1.5	<3	NA
	14-Feb-96		14.78		84.25	<100	<1	<1	<1	<3	NA
MW-13	8-Apr-97		14.88		84.15	<50	<0.5	<0.5	<0.5	<0.5	<30
	10-Feb-95	96.80	14.45		82.35	<50	<0.5	<0.5	<0.5	<0.5	NA
	10-Mar-95		14.30		82.50			Well Not Sampled			
	14-Mar-95		15.81		80.99	<50	<0.5	<0.5	<0.5	1	NA
	15-Jun-95		15.79		81.01	<50	<0.5	<0.5	<0.5	<0.5	NA
	21-Sep-95		15.50		81.30	<100	2.6	2.2	<1	9.4	NA
	11-Dec-95		16.60		80.20	<100	<1	<1	1.0	<3	NA
	14-Feb-96		12.92		83.88	<100	<1	<1	<1	7.3	NA
MW-14 duplicate	8-Apr-97		12.75		84.05	<50	<0.5	<0.5	<0.5	<0.5	<30
	10-Feb-95	99.01	16.28		82.73	12,000	42	8	740	2,100	NA
	10-Feb-95					12,000	48	<10	800	2,300	NA
	10-Mar-95		16.33		82.68			Well Not Sampled			
	14-Mar-95		14.87		84.14	1,400	6	2	36	298	NA
	15-Jun-95		14.72		84.29	660	8	<0.5	6	26	NA
	21-Sep-95		17.61		81.40	4,430	25	15	280	310	NA
	11-Dec-95		18.30		80.71	1,330	6.8	1.0	120	150	NA
14-Feb-96		14.87		84.14	<100	<1	<1	3.1	3.3	NA	

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Groundwater Samples Collected at Former E-Z Serve Station # 100877  
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Well I.D.	Date Sampled	Well Elevation (feet) <sup>1</sup>	Depth to Water (feet) <sup>2</sup>	Product Thickness (feet)	Groundwater Elevation (feet) <sup>1</sup>	EPA Methods 8015 and 8020 Concentration (µg/L)					
						TPHg <sup>3</sup>	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE <sup>4</sup>
	8-Apr-97		14.77		84.24	2,900	<3	2.7	220	21	<200
QA/QC											
Field Blank	20-Sep-94					<100	<1	<1	<1	<1	NA
Trip Blank	5-Dec-94					<50	<0.5	<0.5	<0.5	<0.5	NA
Field Blank	5-Dec-94					<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	10-Feb-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Field Blank	10-Feb-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	14-Mar-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Field Blank	14-Mar-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	15-Jun-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Field Blank	15-Jun-95					<50	<0.5	<0.5	<0.5	<0.5	NA
Trip Blank	21-Sep-95					<100	4.6	<1	2.5	<3	NA
Field Blank	21-Sep-95					<100	<1	1.3	4.2	<3	NA
Trip Blank	11-Dec-95					<100	<1	<1	<1	<3	NA
Field Blank	11-Dec-95					<100	<1	<1	<1	<3	NA
Trip Blank	13-Feb-96					<100	<1	<1	<1	<3	NA
Field Blank	13-Feb-96					<100	<1	<1	<1	3.6	NA
Trip Blank	8-Apr-97					<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	8-Apr-97					<50	<0.5	<0.5	<0.5	<0.5	<30
Field Blank	9-Apr-97					<50	<0.5	<0.5	<0.5	<0.5	<30

<sup>1</sup>Based on an arbitrary 100 foot datum point.

<sup>2</sup>Below ground surface.

<sup>3</sup>Total Petroleum Hydrocarbons as gasoline.

<sup>4</sup>Methyl Tert Butyl Ether.

<sup>5</sup>NA = Not Analyzed.