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October 2, 2006

Steven Plunkett  
Alameda County  
Department of Environmental Health  
1131 Harbor Bay Park Way  
Alameda, CA 94502

Subject: Case Number # 3580  
*Quarterly Groundwater Monitoring Report - Third Quarter 2006*  
Former RPMS (E-Z Serve) Location 100877  
525 West A Street, Hayward, California  
Delta Project RPMS 100877

Dear Mr. Plunkett:

Delta Consultants (Delta) have been contracted by Restructure Petroleum Marketing Services of California (RPMS) to perform environmental services at the Former E-Z Serve Location 100877 (Figure 1).

The groundwater monitoring data discussed in this report were collected on August 23, 2006. The work was performed in accordance with the field methods and procedures included in Enclosure A.

#### **Groundwater Level Measurements**

On August 23, 2006, Delta personnel visited the site to conduct groundwater monitoring activities. The depth to groundwater was measured in ten total monitoring and extraction wells MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, MW-7, MW-12, MW-14 and EX-1. MW-8, MW-9, MW10, MW-11, and MW-13 have been paved over or could not be located. Furthermore, well MW-2 was destroyed on March 2, 2006 due to impending construction which is scheduled to begin in August of 2006.

Groundwater ranged from 12.75 feet to 15.32 feet below top of casing. Groundwater data collected on August 23, 2006, were used to create a groundwater elevation contour map, which is included as Figure 3. The groundwater flows to the northwest and west at a gradient of 0.01. Measured depths to groundwater and calculated groundwater elevations are presented in Table 1. Field data sheets for the second quarter sampling event are attached in Enclosure B.

#### **Groundwater Sampling and Analytical Results**

Groundwater samples were transported, under strict chain-of-custody protocols, to *Kiff Analytical LLC of Davis, California*, for analysis for benzene, toluene, ethyl-benzene, total xylenes (BTEX), total petroleum hydrocarbons (TPHg) in the gasoline range, methyl tert butyl ether (MTBE), diisopropyl ether (DIPE),

A member of:



ethyl tert butyl ether (ETBE), tert-amyl methyl ether (TAME) and tert butyl alcohol (TBA) by EPA Method 8260B.

TPHg was detected in eight monitoring wells (MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, MW-7, MW-14) and one extraction well (EX-1). Benzene was detected in five monitoring wells (MW-1, MW-1A, MW-4, MW-5, and MW-6), and one extraction well (EX-1); and MTBE was detected in four monitoring wells (MW-1, MW-4, MW-5, and MW-6) and one extraction well (EX-1). The highest concentrations of TPHg, benzene and MTBE were in well MW-4 at 9,400 µg/L, 240 µg/L, and 6.1 µg/L, respectively. The analytical data for the August 23, 2006 sampling event are presented in Table 1, Groundwater Analytical Data. Field sampling information sheets are presented in Enclosure B. Laboratory analytical results and chain-of-custody documentation are presented in Enclosure C. Groundwater sample results collected from Quality Tune-Ups, across West A Street to the southwest, are included in Enclosure D.

**Future Work**

Delta recommends continued quarterly groundwater monitoring and sampling.

**Remarks**

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

Furthermore, I declare, under penalty of perjury, that the information and or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions regarding this report please call Deborah Shulman at (916) 503-1279.

Sincerely,

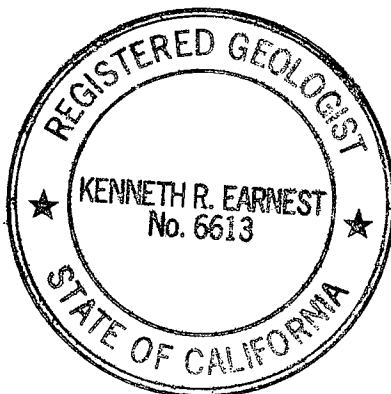
**DELTA CONSULTANTS**



Jason Mata  
Staff Technician

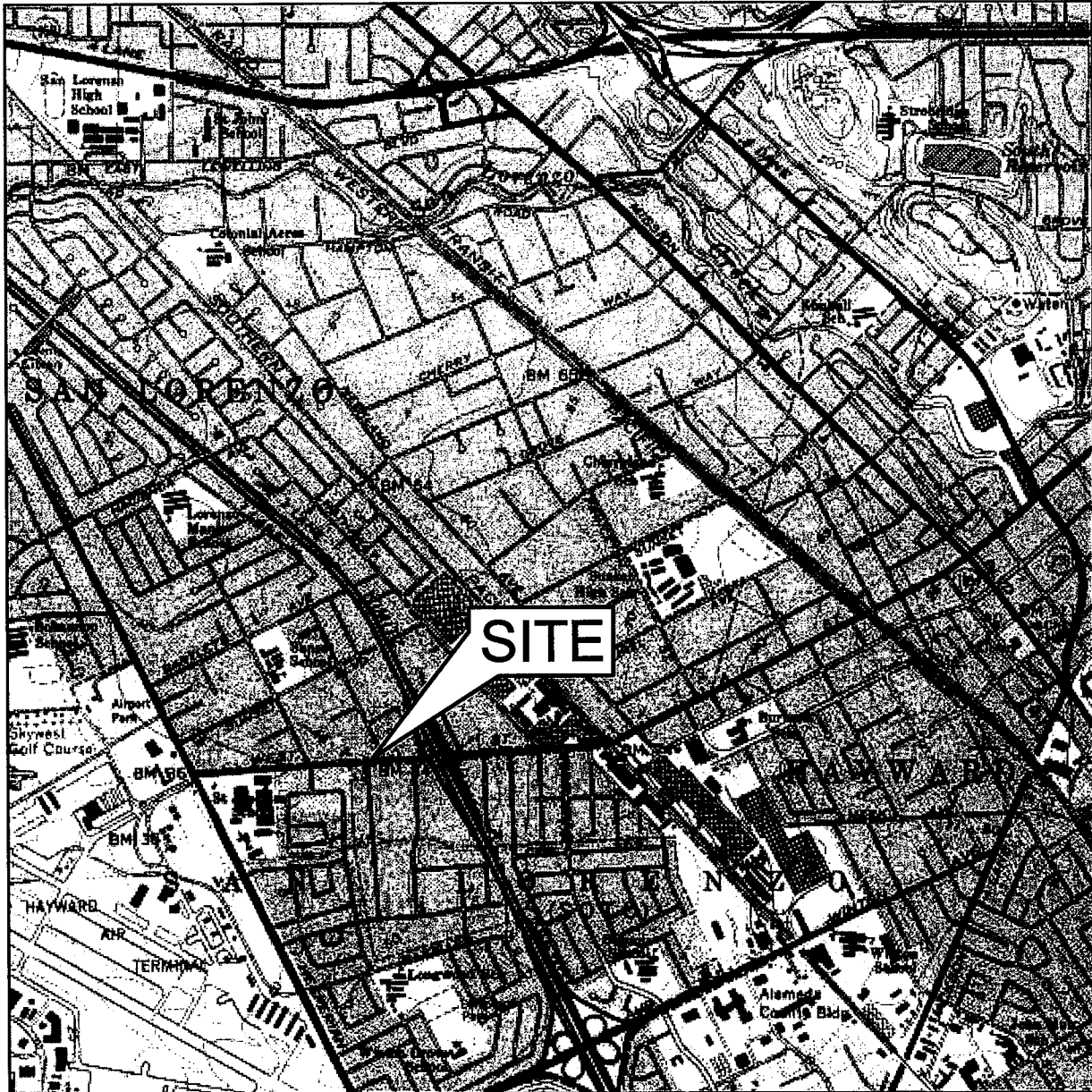


Kenneth Earnest  
California Registered Geologist No. 6613



cc: Jack Ceccarelli, RPMS of CA

## FIGURES



0 1000 FT 2000 FT  
SCALE: 1 : 24,000



FIGURE 1

SITE LOCATION MAP

FORMER E-Z SERVE NO. 100877  
525 WEST A STREET  
HAYWARD, CALIFORNIA

PROJECT NO. RPMS-0877	DRAWN BY MC 11/10/04
FILE NO. EZ-100877-F1	PREPARED BY JS
REVISION NO. 1	REVIEWED BY



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, HAYWARD QUADRANGLE, 1962

- MW-11 MONITORING WELLS
- ⊕ EX-1 PROPOSED GROUNDWATER EXTRACTION WELL LOCATION
- ⊕ REMEDIATION WELL LOCATION

WEST "A" AVENUE

FORMER FUEL ISLANDS

FORMER UST EXCAVATION

TRAILER PARK

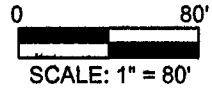
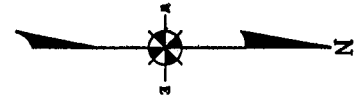
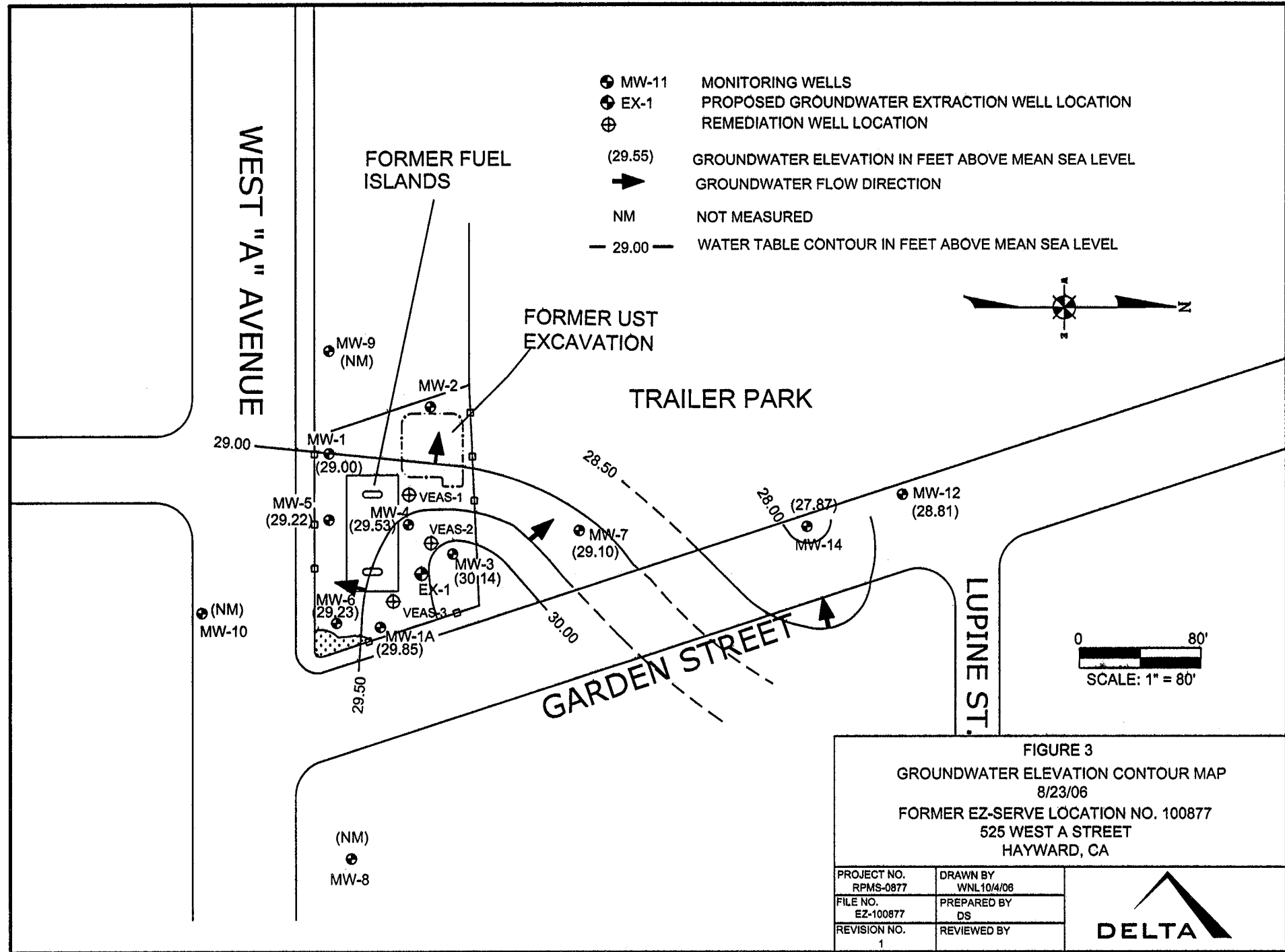


FIGURE 2  
SITE MAP

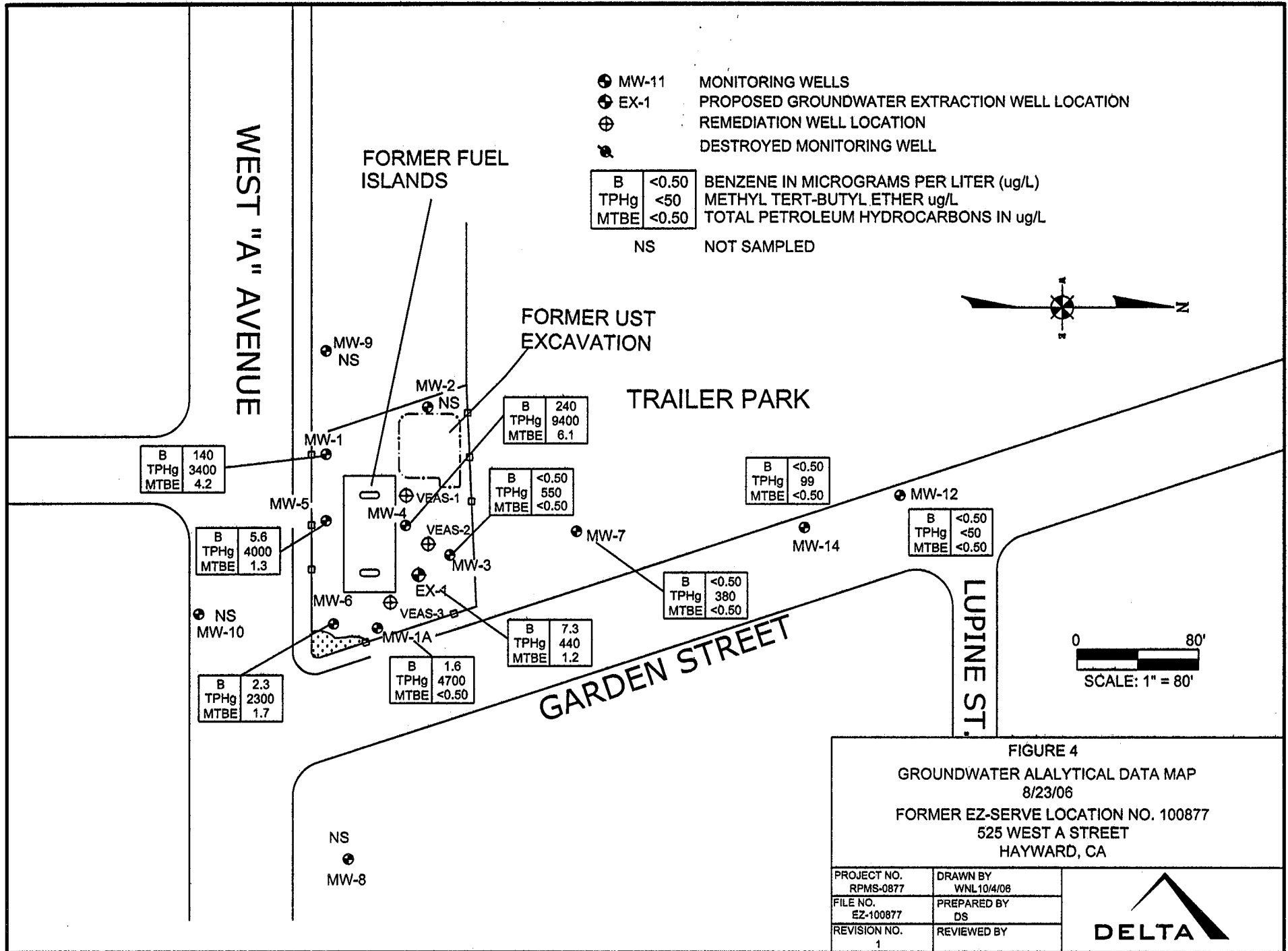
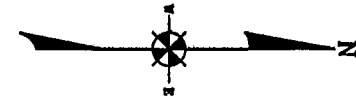
FORMER EZ-SERVE LOCATION NO. 100877  
525 WEST A STREET  
HAYWARD, CA

PROJECT NO. RPMS-0877	DRAWN BY WNL10/4/08
FILE NO. EZ-100877	PREPARED BY DS
REVISION NO. 1	REVIEWED BY





- ⊕ MW-11 MONITORING WELLS
  - ⊕ EX-1 PROPOSED GROUNDWATER EXTRACTION WELL LOCATION
  - ⊕ REMEDIATION WELL LOCATION
  - ⊕ DESTROYED MONITORING WELL
- |      |       |  |
|------|-------|--|
| B    | <0.50 | BENZENE IN MICROGRAMS PER LITER (ug/L) |
| TPHg | <50   | METHYL TERT-BUTYL ETHER ug/L           |
| MTBE | <0.50 | TOTAL PETROLEUM HYDROCARBONS IN ug/L   |
- NS NOT SAMPLED



**FIGURE 4**  
**GROUNDWATER ANALYTICAL DATA MAP**  
 8/23/06  
 FORMER EZ-SERVE LOCATION NO. 100877  
 525 WEST A STREET  
 HAYWARD, CA

PROJECT NO. RPMS-0877	DRAWN BY WNL10/4/06
FILE NO. EZ-100877	PREPARED BY DS
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**TABLE**



**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation (msl)	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-1</b>	2/5/1992	20.82	--	--	20.93	46000	7600	2300	2400	6500	--	--	--	--	--
	9/11/1992	20.08	--	--	21.67	48000	9000	1200	1800	4600	--	--	--	--	--
<b>41.75</b>	12/22/1992	19.79	--	--	21.96	84000	22000	1600	4800	17000	--	--	--	--	--
	3/3/1993	16.23	--	--	25.52	54000	16000	1600	1900	4300	--	--	--	--	--
	6/23/1993	16.86	--	--	24.89	30000	18000	1100	1400	3700	--	--	--	--	--
	9/30/1993	18.04	--	--	23.71	33000	10000	440	940	1700	--	--	--	--	--
	2/6/1994	18.15	--	--	23.60	64000	18000	1600	4700	12000	--	--	--	--	--
	5/2/1994	17.26	--	--	24.49	7200	2100	29	490	520	--	--	--	--	--
	7/1/1994	17.60	--	--	24.15	13000	3700	150	550	12000	--	--	--	--	--
	9/20/1994	20.59	--	--	21.16	10000	3100	75	440	870	--	--	--	--	--
	12/5/1994	17.83	--	--	23.92	8700	3700	87	520	950	--	--	--	--	--
	3/10/1995	14.67	--	--	27.08	--	--	--	--	--	--	--	--	--	--
	3/15/1995	14.43	--	--	27.32	290	56	2	12	47	--	--	--	--	--
	9/23/1996	14.92	--	--	26.83	20000	5200	860	700	1100	270	--	--	--	--
	12/4/1996	15.61	--	--	26.14	17000	3100	64	610	1200	280	--	--	--	--
	4/8/1997	13.25	--	--	28.50	2100	430	15	52	85	100	--	--	--	--
	6/30/1997	14.68	--	--	27.07	10000	2100	<	<	320	<	--	--	--	--
	11/25/1997	15.99	--	--	25.76	16000	2100	23	76	240	<	--	--	--	--
	6/1/1998	9.98	--	--	31.77	19000	6100	430	1100	2300	420	--	--	--	--
	6/14/2001	15.05	--	--	26.70	6000	380	8.4	260	180	<25	--	--	--	--
	11/7/2001	16.31	--	--	25.44	12000	1000	30	1000	740	11	<5.0	<5.0	<50	<5.0
	1/30/2002	14.15	--	--	27.60	8800	690	16	480	270	14	<5.0	<5.0	<50	<5.0
5/29/2002	14.55	--	--	27.20	6400	330	13	250	260	12	2.5	<2.0	<20	<2.0	
8/14/2002	15.56	--	--	26.19	5500	470	14	360	160	10	<10	<10	<100	<10	
11/15/2002	16.10	--	--	25.65	10000	440	16	310	150	15	<10	<10	<100	<10	
10/25/2004	15.99	--	--	25.76	4300	260	3.3	150	32	14	<0.90	<0.90	5.8	<0.90	
12/23/2004	15.64	--	--	26.11	11000	860	6.1	880	280	16	<0.90	<0.90	11	<0.90	
2/25/2005	12.79	--	--	28.96	11000	710	6.7	720	330	24	<1.5	<1.5	11	<1.5	
5/19/2005	12.27	--	--	29.48	7500	610	12	370	140	20	<1.5	<1.5	11	<1.5	
9/15/2005	14.30	--	--	27.45	6100	300	3.5	280	71	12	<0.90	<0.90	7.8	<0.90	
3/20/2006	11.44	--	--	30.31	6400	290	3.2	330	61	8.8	<0.90	<0.90	6	<0.90	
5/25/2006	11.05	--	--	30.70	4200	300	6.4	100	40	11	<0.90	<0.90	6.7	<0.90	
<b>8/23/2006</b>	<b>12.75</b>	--	--	--	<b>29.00</b>	<b>3400</b>	<b>140</b>	<b>1.9</b>	<b>92</b>	<b>9.2</b>	<b>4.2</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation (msl)	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-1A</b>	6/23/1993	17.80	17.59	0.21	25.75	--	--	--	--	--	--	--	--	--	--
<b>43.40</b>	9/30/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/1994	18.89	--	--	24.51	8900	1700	42	1000	400	--	--	--	--	--
	5/2/1994	18.35	0.09	0.09	38.40	--	--	--	--	--	--	--	--	--	--
	7/1/1994	18.45	--	--	24.95	12000	1100	<1	920	1100	--	--	--	--	--
	9/20/1994	21.72	21.50	0.22	21.84	--	--	--	--	--	--	--	--	--	--
	12/5/1994	18.87	18.80	0.07	24.58	--	--	--	--	--	--	--	--	--	--
	3/10/1995	15.83	--	--	27.57	--	--	--	--	--	--	--	--	--	--
	3/15/1995	15.55	15.50	0.05	27.89	--	--	--	--	--	--	--	--	--	--
	9/23/1996	16.00	15.99	0.01	27.41	--	--	--	--	--	--	--	--	--	--
	12/4/1996	16.55	--	--	26.85	52000	420	140	1000	3500	130	--	--	--	--
	4/8/1997	14.15	SHEEN	SHEEN	29.25	--	--	--	--	--	--	--	--	--	--
	6/30/1997	15.57	--	--	27.83	17000	180	<	140	1100	<	--	--	--	--
	11/25/1997	16.91	--	--	26.49	19000	110	37	290	910	<	--	--	--	--
	6/1/1998	10.78	--	--	32.62	18000	200	17	230	820	91	--	--	--	--
	6/14/2001	15.93	15.92	0.01	27.48	27000	29	<5.0	620	520	<50	--	--	--	--
	11/7/2001	17.32	--	--	26.08	21000	51	<5.0	700	510	<5.0	<5.0	<5.0	<5.0	<5.0
	1/30/2002	15.05	--	--	28.35	24000	22	<5.0	390	330	<5.0	<5.0	<5.0	<5.0	<5.0
	5/29/2002	15.49	--	--	27.91	12000	32	<5.0	550	270	<5.0	<5.0	<5.0	<5.0	<5.0
	8/14/2002	16.50	--	--	26.90	14000	22	<2.0	510	240	<2.0	<2.0	<2.0	<2.0	<2.0
	11/15/2002	17.04	--	--	26.36	17000	59	2.4	630	250	<2.0	<2.0	<2.0	<2.0	<2.0
	10/25/2004	16.90	--	--	26.50	2200	1.3	<0.50	58	3.7	<0.50	<0.50	<0.50	<5.0	<0.50
	12/23/2004	16.60	--	--	26.80	3100	2.2	<0.50	96	5.4	<0.50	<0.50	<0.50	<5.0	<0.50
	2/25/2005	13.75	--	--	29.65	7300	4.7	1.1	140	24	<0.50	<0.50	<0.50	<5.0	<0.50
	5/19/2005	13.12	--	--	30.28	13000	3.1	1.7	190	50	<1.5	<1.5	<1.5	<7.0	<1.5
	9/15/2005	15.16	--	--	28.24	4000	0.84	<0.50	52	2.5	<0.50	<0.50	<0.50	<5.0	<0.50
	11/10/2005	15.78	--	--	27.62	12000	<2.0	0.76	130	3.6	<0.50	<0.50	<0.50	<5.0	<0.50
	3/20/2006	12.64	--	--	30.76	3300	1.1	<0.50	17	1	<0.50	<0.50	<0.50	<5.0	<0.50
	5/25/2006	11.85	--	--	31.55	1600	0.79	<0.50	22	0.94	<0.50	<0.50	<0.50	<5.0	<0.50
	<b>8/23/2006</b>	<b>13.55</b>	--	--	<b>29.85</b>	<b>4700</b>	<b>1.6</b>	<b>1.1</b>	<b>84</b>	<b>1.8</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation (msl)	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)	
MW-2	2/5/1992	22.35	--	0.00	20.91	67000	13000	4700	820	1300	--	--	--	--	--	
	9/11/1992	21.67	--	0.00	21.59	57000	9000	1400	1200	8400	--	--	--	--	--	
43.26	12/22/1992	21.39	--	0.00	21.87	31000	9900	350	2000	4100	--	--	--	--	--	
	3/3/1993	17.75	--	0.00	25.51	17000	5100	1300	720	1900	--	--	--	--	--	
	6/23/1993	18.42	--	0.00	24.84	60000	23000	1500	4500	17000	--	--	--	--	--	
	9/30/1993	19.63	--	0.00	23.63	38000	12000	780	1500	6500	--	--	--	--	--	
	2/6/1994	19.61	--	0.00	23.65	34000	8900	450	2000	5500	--	--	--	--	--	
	5/2/1994	19.84	--	0.00	23.42	18000	3800	260	1100	3500	--	--	--	--	--	
	7/1/1994	19.18	--	0.00	24.08	18000	3700	510	870	2600	--	--	--	--	--	
	9/20/1994	22.17	--	0.00	21.09	19000	4500	300	1200	4000	--	--	--	--	--	
	12/6/1994	19.37	--	0.00	23.89	22000	4700	340	1400	4500	--	--	--	--	--	
	3/10/1995	16.33	--	0.00	26.93	--	--	--	--	--	--	--	--	--	--	
	3/15/1995	16.89	--	0.00	26.37	29000	5600	350	1900	6300	--	--	--	--	--	
	9/23/1996	16.61	--	0.00	26.65	29000	3700	150	1000	4300	860	--	--	--	--	
	12/4/1996	17.19	--	0.00	26.07	31000	3800	140	2000	5100	690	--	--	--	--	
	4/8/1997	14.86	--	0.00	28.40	20000	2500	80	1300	3400	880	--	--	--	--	
	6/30/1997	16.28	--	0.00	26.98	41000	2700	130	1200	4000	890	--	--	--	--	
	11/25/1997	17.56	--	0.00	25.70	51000	2900	140	1800	7000	1200	--	--	--	--	
	6/1/1998	11.58	--	0.00	31.68	33000	2700	130	1800	5700	610	--	--	--	--	
	6/14/2001	16.63	--	0.00	26.63	18000	860	14	1100	2200	<100	--	--	--	--	
	11/7/2001	17.85	--	0.00	25.41	20000	880	20	1100	2600	21	<5.0	<5.0	<50	<5.0	
	1/30/2002	15.65	--	0.00	27.61	19000	880	19	1100	2400	56	<5.0	<5.0	<50	<5.0	
	5/29/2002	16.12	--	0.00	27.14	8100	390	16	560	1400	32	<5.0	<5.0	<50	<5.0	
	8/14/2002	17.20	--	0.00	26.06	19000	820	21	1200	2600	29	<20	<20	<200	<20	
	11/15/2002	17.63	--	0.00	25.63	34000	910	31	1000	1400	39	<20	<20	<200	<20	
	10/25/2004	17.53	--	0.00	25.73	9300	280	3.8	500	980	8.2	<2.0	<2.0	<9.0	<2.0	
	12/23/2004	17.15	--	0.00	26.11	10000	310	3.9	470	840	9.5	<2.0	<2.0	<9.0	<2.0	
	2/25/2005	14.30	--	0.00	28.96	15000	320	4.8	860	1600	7.7	<2.0	<2.0	<9.0	<2.0	
	5/19/2005	13.81	--	0.00	29.45	15000	300	3.6	770	1200	9.2	<2.5	<2.5	<15	<2.5	
	9/15/2005	inaccessible due to temporary habitat					--	--	--	--	--	--	--	--	--	--
	11/10/2005	16.39	--	0.00	26.87	14000	230	2.6	530	1000	6.2	<2.5	<2.5	<15	<2.5	
	3/20/2006	13.00	--	0.00	30.26	8700	170	<1.5	360	530	3.8	<1.5	<1.5	<7.0	<1.5	
	5/25/2006	Destroyed on March 2, 2006				--	--	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-3</b>	2/5/1992	21.85	--	--	22.04	16000	2700	410	<1	3400	--	--	--	--	--
	9/11/1992	21.13	--	--	22.76	43000	7600	1600	1400	4100	--	--	--	--	--
<b>43.89</b>	12/22/1992	20.88	--	--	23.01	29000	8800	1200	1500	3700	--	--	--	--	--
	3/3/1993	17.29	--	--	26.60	17000	5000	1500	680	1700	--	--	--	--	--
	6/23/1993	17.88	--	--	26.01	5700	3000	120	560	790	--	--	--	--	--
	9/30/1993	19.18	--	--	24.71	21000	7000	2100	970	2600	--	--	--	--	--
	2/6/1994	19.21	--	--	24.68	24000	7200	1600	990	3200	--	--	--	--	--
	5/2/1994	18.30	--	--	25.59	10000	2200	440	470	1200	--	--	--	--	--
	7/1/1994	18.63	--	--	25.26	8200	2000	370	350	930	--	--	--	--	--
	9/20/1994	21.64	--	--	22.25	7200	2000	360	380	1000	--	--	--	--	--
	12/6/1994	19.15	--	--	24.74	9000	2300	400	440	1100	--	--	--	--	--
	3/10/1995	16.33	--	--	27.56	--	--	--	--	--	--	--	--	--	--
	3/15/1995	16.89	--	--	27.00	4300	980	47	370	780	--	--	--	--	--
	9/23/1996	16.11	--	--	27.78	10000	950	20	700	780	80	--	--	--	--
	12/4/1996	16.63	--	--	27.26	13000	1100	25	1000	1100	67	--	--	--	--
	4/8/1997	14.25	--	--	29.64	3800	210	4.6	270	280	56	--	--	--	--
	6/30/1997	15.70	--	--	28.19	3500	280	<	32	180	<	--	--	--	--
	11/25/1997	16.99	--	--	26.90	6800	230	<	370	290	130	--	--	--	--
	6/1/1998	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2001	16.02	--	--	27.87	2100	9	<0.5	78	43	<5.0	--	--	--	--
	11/7/2001	17.33	--	--	26.56	7700	75	<5.0	410	150	<5.0	<5.0	<5.0	<50	<5.0
	1/30/2002	15.10	--	--	28.79	3600	27	<5.0	120	34	<5.0	<5.0	<5.0	<50	<5.0
	5/29/2002	15.63	--	--	28.26	2000	18	<5.0	53	13	<5.0	<5.0	<5.0	<50	<5.0
	8/14/2002	16.63	--	--	27.26	2400	19	<0.5	50	6.5	<0.5	<0.5	<0.5	<5.0	<0.5
	11/15/2002	17.10	--	--	26.79	4300	7.5	<0.5	22	1.1	0.5	<0.5	<0.5	<5.0	<0.5
10/25/2004	17.01	--	--	26.88	460	0.6	<0.50	9.6	1.7	<0.50	<0.50	<0.50	<5.0	<0.50	
12/20/2004	16.64	--	--	27.25	5400	9	<0.50	280	74	<0.50	<0.50	<0.50	<5.0	<0.50	
2/25/2005	Could not locate, VEAS-2 sampled instead					--	--	--	--	--	--	--	--	--	--
5/19/2005	Could not locate, VEAS-2 sampled instead					--	--	--	--	--	--	--	--	--	--
9/15/2005	couldn't locate					--	--	--	--	--	--	--	--	--	--
11/10/2005	couldn't locate					--	--	--	--	--	--	--	--	--	--
3/20/2006	12.44	--	--	31.45	800	0.76	<0.50	19	3.7	<0.50	<0.50	<0.50	<5.0	<0.50	
5/25/2006	12.05	--	--	31.84	500	0.59	<0.50	3.8	0.96	<0.50	<0.50	<0.50	<5.0	<0.50	
8/23/2006	13.75	--	--	30.14	550	<0.50	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample	Depth to Water	Depth to Product	Free Product Thickness	Water Table Elevation	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DIPE	ETBE	TBA	TAME
(msl)	Date	(feet)	(feet)	(feet)	(msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
<b>MW-4</b>	2/5/1992	21.31	--	--	21.45	16000	2700	410	<1	3400	--	--	--	--	--
	9/11/1992	20.62	--	--	22.14	43000	7600	1600	1400	4100	--	--	--	--	--
<b>42.76</b>	12/22/1992	20.37	--	--	22.39	29000	8800	1200	1500	3700	--	--	--	--	--
	3/3/1993	16.78	--	--	25.98	17000	5000	1500	680	1700	--	--	--	--	--
	6/23/1993	17.45	--	--	25.31	5700	3000	120	560	790	--	--	--	--	--
	9/30/1993	18.64	--	--	24.12	21000	7000	2100	970	2600	--	--	--	--	--
	2/6/1994	18.59	--	--	24.17	24000	7200	1600	990	3200	--	--	--	--	--
	5/2/1994	17.81	--	--	24.95	10000	2200	440	470	1200	--	--	--	--	--
	7/1/1994	18.13	--	--	24.63	8200	2000	370	350	930	--	--	--	--	--
	9/20/1994	21.13	--	--	21.63	7200	2000	360	380	1000	--	--	--	--	--
	12/6/1994	18.36	--	--	24.40	9000	2300	400	440	1100	--	--	--	--	--
	3/10/1995	15.25	--	--	27.51	--	--	--	--	--	--	--	--	--	--
	3/15/1995	14.89	--	--	27.87	15000	4400	600	770	2660	--	--	--	--	--
	9/23/1996	15.56	--	--	27.20	32000	7400	540	1500	2800	2100	--	--	--	--
	12/4/1996	16.11	--	--	26.65	23000	7800	140	1200	1200	1900	--	--	--	--
	4/8/1997	13.73	--	--	29.03	16000	3900	680	850	2300	980	--	--	--	--
	6/30/1997	15.19	--	--	27.57	63000	7000	430	1400	4400	1700	--	--	--	--
	11/25/1997	16.49	--	--	26.27	30000	4300	61	810	1500	880	--	--	--	--
	6/1/1998	10.42	--	--	32.34	33000	5700	710	1700	2900	720	--	--	--	--
	6/14/2001	15.55	--	--	27.21	9500	690	45	560	600	<50	--	--	--	--
	11/7/2001	16.81	--	--	25.95	6000	710	20	630	190	27	<5.0	<5.0	<5.0	<5.0
	1/30/2002	14.60	--	--	28.16	4800	830	16	600	61	42	<5.0	<5.0	<5.0	<5.0
	5/29/2002	15.14	--	--	27.62	5300	720	57	600	200	35	<20	<20	<200	<20
	8/14/2002	16.07	--	--	26.69	5000	640	15	550	35	28	<2.0	<2.0	<20	<2.0
	11/15/2002	16.61	--	--	26.15	3700	330	10	260	200	20	<2.0	<2.0	<20	<2.0
10/25/2004	16.50	--	--	26.26	4000	180	15	200	190	4.1	<0.50	<0.50	<5.0	<0.50	
12/23/2004	16.20	--	--	26.56	7400	280	24	340	340	7.9	<0.90	<0.90	<5.0	<0.90	
2/25/2005	13.30	--	--	29.46	4200	160	15	280	420	6.2	<0.90	<0.90	<5.0	<0.90	
5/19/2005	12.74	--	--	30.02	15000	480	76	1100	1600	14	<4.0	<4.0	<20	<4.0	
9/15/2005	14.80	--	--	27.96	5400	220	22	250	430	10	<0.90	<0.90	5.4	<0.90	
11/10/2006	15.45	--	--	27.31	8000	320	37	530	670	9.3	<0.50	<0.50	<5.0	<0.50	
3/20/2006	11.93	--	--	30.83	3900	91	26	5.8	360	5.7	<0.50	<0.50	<5.0	<0.50	
5/25/2006	11.49	--	--	31.27	8300	300	77	570	730	5.4	<0.50	<0.50	<5.0	<0.50	
<b>8/23/2006</b>	<b>13.23</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>29.53</b>	<b>9400</b>	<b>240</b>	<b>79</b>	<b>490</b>	<b>860</b>	<b>6.1</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-5</b>	2/5/1992	20.93	--	--	21.17	78000	7900	5000	2900	1800	--	--	--	--	--
	<b>42.10</b>	9/11/1992	20.27	--	--	21.83	49000	4700	400	1400	4100	--	--	--	--
	12/22/1992	19.99	--	--	22.11	34000	8600	340	2200	4800	--	--	--	--	--
	3/3/1993	16.49	--	--	25.61	22000	7500	640	1300	3400	--	--	--	--	--
	6/23/1993	17.02	--	--	25.08	15000	5800	120	1100	2100	--	--	--	--	--
	9/30/1993	18.25	--	--	23.85	25000	7600	410	1000	4400	--	--	--	--	--
	2/6/1994	18.26	--	--	23.84	23000	6000	180	2000	5900	--	--	--	--	--
	5/2/1994	17.50	--	--	24.60	8000	1300	29	440	770	--	--	--	--	--
	7/1/1994	17.79	--	--	24.31	10000	1700	97	600	1400	--	--	--	--	--
	9/20/1994	20.77	--	--	21.33	8400	1600	54	650	1400	--	--	--	--	--
12/5/1994	18.02	--	--	24.08	10000	1800	<50	620	1400	--	--	--	--	--	
3/10/1995	14.93	--	--	27.17	--	--	--	--	--	--	--	--	--	--	
<b>42.1</b>	3/15/1995	14.70	--	--	27.40	5300	1100	11	180	320	--	--	--	--	--
	9/23/1996	15.19	--	--	26.91	9800	1800	11	470	510	100	--	--	--	--
	12/4/1996	15.78	--	--	26.32	10000	2200	9	550	430	70	--	--	--	--
	4/8/1997	13.39	--	--	28.71	11000	1300	15	450	720	180	--	--	--	--
	6/30/1997	14.83	--	--	27.27	3800	500	<	75	84	<	--	--	--	--
	11/25/1997	16.14	--	--	25.96	8200	1300	14	310	220	<	--	--	--	--
	6/1/1998	10.10	--	--	32.00	3600	290	12	52	52	81	--	--	--	--
	6/14/2001	15.19	--	--	26.91	5100	44	0.71	110	23	<5.0	--	--	--	--
	11/7/2001	16.47	--	--	25.63	7600	220	<5.0	550	30	<5.0	<5.0	<5.0	<5.0	<5.0
	1/30/2002	14.27	--	--	27.83	6200	180	<20	310	130	<20	<20	<20	<200	<20
	5/29/2002	14.73	--	--	27.37	3900	66	0.8	110	7.4	0.9	2	<0.5	<5.0	<0.5
	8/14/2002	15.73	--	--	26.37	4300	80	0.9	150	12	1.1	<0.5	<0.5	<5.0	<0.5
	11/15/2002	16.27	--	--	25.83	7000	99	<5.0	250	500	<5.0	<5.0	<5.0	<5.0	<5.0
	10/25/2004	16.15	--	--	25.95	4800	27	0.5	50	3.7	0.79	<0.50	<0.50	<5.0	<0.50
	12/23/2004	15.88	--	--	26.22	6300	55	<0.90	140	5.6	<0.90	<0.90	<0.90	<5.0	<0.90
	2/25/2005	12.97	--	--	29.13	4700	44	0.59	110	4.8	0.85	<0.50	<0.50	<5.0	<0.50
	5/19/2005	12.48	--	--	29.62	3800	32	0.61	66	4.4	1	<0.50	<0.50	<5.0	<0.50
9/15/2005	15.47	--	--	26.63	4500	22	0.65	78	4	0.95	<0.50	<0.50	<5.0	<0.50	
11/10/2005	15.03	--	--	27.07	4000	19	0.52	77	4.3	0.8	<0.50	<0.50	<5.0	<0.50	
3/20/2006	11.79	--	--	30.31	4000	9.5	<0.50	4.9	4.0	1.5	<0.50	<0.50	<5.0	<0.50	
5/25/2006	11.15	--	--	30.95	3400	12	<0.50	46	3.8	1.6	<0.50	<0.50	<5.0	<0.50	
<b>8/23/2006</b>	<b>12.88</b>	--	--	<b>29.22</b>	<b>4000</b>	<b>5.6</b>	<b>0.75</b>	<b>42</b>	<b>3.6</b>	<b>1.3</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>	

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-6</b>	2/5/1992	21.29	--	--	21.04	51000	5400	3500	3600	10000	--	--	--	--	--
	9/11/1992	20.56	--	--	21.77	24000	2500	830	1400	2300	--	--	--	--	--
<b>42.33</b>	12/22/1992	20.31	--	--	22.02	23000	5100	630	2000	3100	--	--	--	--	--
	3/3/1993	16.83	--	--	25.50	18000	4400	820	1400	2400	--	--	--	--	--
	6/23/1993	17.30	--	--	25.03	18000	4600	850	2700	3400	--	--	--	--	--
	9/30/1993	19.05	--	--	23.28	--	--	--	--	--	--	--	--	--	--
	2/6/1994	18.55	--	--	23.78	20000	4600	690	2100	2500	--	--	--	--	--
	5/2/1994	17.74	--	--	24.59	5300	930	54	610	240	--	--	--	--	--
	7/1/1994	18.09	--	--	24.24	10000	1500	160	850	690	--	--	--	--	--
	9/20/1994	21.05	--	--	21.28	11000	2000	140	1200	760	--	--	--	--	--
	12/6/1994	18.33	--	--	24.00	8600	1300	87	980	610	--	--	--	--	--
	3/10/1995	15.35	--	--	26.98	--	--	--	--	--	--	--	--	--	--
	3/15/1995	14.91	--	--	27.42	9800	1600	110	1000	1000	--	--	--	--	--
	9/23/1996	15.50	--	--	26.83	12000	520	55	930	350	51	--	--	--	--
	12/4/1996	16.06	--	--	26.27	11000	390	25	680	170	130	--	--	--	--
	4/8/1997	13.64	--	--	28.69	17000	700	92	1400	900	2700	--	--	--	--
	6/30/1997	15.08	--	--	27.25	11000	270	37	590	450	<	--	--	--	--
	11/25/1997	16.40	--	--	25.93	9100	130	26	500	150	310	--	--	--	--
	6/1/1998	10.31	--	--	32.02	14000	190	50	680	400	160	--	--	--	--
	6/14/2001	15.46	--	--	26.87	6400	29	6.3	200	55	<20	--	--	--	--
	11/7/2001	16.71	--	--	25.62	7200	34	8.7	180	31	<5.0	<5.0	<5.0	<5.0	<5.0
	1/30/2002	14.60	--	--	27.73	6600	32	7.2	130	28	<5.0	<5.0	<5.0	<5.0	<5.0
	5/29/2002	14.99	--	--	27.34	5200	26	7	150	27	<5.0	<5.0	<5.0	<5.0	<5.0
	8/14/2002	16.03	--	--	26.30	5300	24	6.6	120	22	<2.0	<2.0	<2.0	<20	<2.0
	11/15/2002	16.53	--	--	25.80	5000	19	4.7	70	38	<0.5	<0.5	<0.5	<5.0	<0.5
10/25/2004	16.43	--	--	25.90	3600	9.8	2.1	83	16	2.3	<0.50	<0.50	<5.0	<0.50	
12/23/2004	16.12	--	--	26.21	2100	8.2	1.3	10	2.4	1.5	<0.50	<0.50	<5.0	<0.50	
2/25/2005	13.13	--	--	29.20	2500	6.6	1.4	29	5.2	0.74	<0.50	<0.50	<5.0	<0.50	
5/19/2005	12.61	--	--	29.72	3800	7.5	2.2	54	12	3.1	<0.50	<0.50	<5.0	<0.50	
9/15/2005	14.69	--	--	27.64	1900	2.9	0.88	12	2.7	0.94	<0.50	<0.50	<5.0	<0.50	
11/10/2005	15.30	--	--	27.03	1700	2.1	0.6	5.4	1.7	0.81	<0.50	<0.50	<5.0	<0.50	
3/20/2006	11.88	--	--	30.45	2300	3.6	1.0	12	3.9	1.1	<0.50	<0.50	<5.0	<0.50	
5/25/2006	11.38	--	--	30.95	2400	5	1.8	31	14	3	<0.50	<0.50	<5.0	<0.50	
<b>8/23/2006</b>	<b>13.10</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>29.23</b>	<b>2300</b>	<b>2.3</b>	<b>0.84</b>	<b>7.8</b>	<b>4.2</b>	<b>1.7</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation (msl)	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-7</b> <b>42.70</b>	6/23/1993	17.87	--	--	24.83	29000	4200	71	4400	5600	--	--	--	--	--
	9/30/1993	18.94	--	--	23.76	30000	3200	71	2800	3400	--	--	--	--	--
	2/6/1994	19.11	19.05	0.06	23.63	--	--	--	--	--	--	--	--	--	--
	5/2/1994	18.11	--	--	24.59	5700	630	13	660	400	--	--	--	--	--
	7/1/1994	18.72	--	--	23.98	3100	180	99	160	520	--	--	--	--	--
	9/20/1994	21.41	--	--	21.29	6100	540	6	750	730	--	--	--	--	--
	12/5/1994	18.66	--	--	24.04	3700	280	<10	430	350	--	--	--	--	--
	3/10/1995	15.72	--	--	26.98	3900	310	<10	540	540	--	--	--	--	--
	3/14/1995	15.23	--	--	27.47	1900	290	4	26	296	--	--	--	--	--
	9/23/1996	15.94	--	--	26.76	6300	76	<	420	270	15	--	--	--	--
	12/4/1996	16.43	--	--	26.27	7800	67	<	600	350	22	--	--	--	--
	4/8/1997	14.10	--	--	28.60	5600	42	<	240	96	<	--	--	--	--
	6/30/1997	15.51	--	--	27.19	5500	<	79	<	44	280	--	--	--	--
	11/25/1997	16.80	--	--	25.90	2400	23	5.4	<	54	120	--	--	--	--
	6/1/1998	10.31	--	--	32.39	14000	190	50	680	400	160	--	--	--	--
	6/14/2001	15.46	--	--	27.24	6400	29	6	200	55	<20	--	--	--	--
	11/7/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/30/2002	14.97	--	--	27.73	6200	1.5	<0.5	96	4.6	<0.5	<5.0	<5.0	<5.0	<5.0
	5/29/2002	15.49	--	--	27.21	1600	1	<0.5	3.4	1.9	<0.5	<0.5	<0.5	<5.0	<0.5
	8/14/2002	16.44	--	--	26.26	4100	1.3	<0.5	74	1.3	<0.5	<0.5	<0.5	<5.0	<0.5
11/15/2002	16.91	--	--	25.79	1000	0.6	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<5.0	<0.5	
10/25/2004	Could not locate well														
5/19/2005	13.06	--	--	29.64	660	<0.50	<0.50	1.8	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	
9/15/2005	Could not locate well														
11/10/2005	15.78	--	--	26.92	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	
3/20/2006	Could not locate well														
5/25/2006	Well was blocked by debris														
<b>8/23/2006</b>	<b>13.60</b>	--	--	<b>29.10</b>	<b>380</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>
<b>MW-8</b> <b>97.61</b>	6/23/1993	17.64	--	--	79.97	350	43	9	35	67	--	--	--	--	--
	9/30/1993	18.85	--	--	78.76	2700	190	340	170	720	--	--	--	--	--
	2/6/1994	18.91	--	--	78.70	<100	<1	1	1	2	--	--	--	--	--
	5/2/1994	18.11	--	--	79.50	<100	<1	3	<1	7	--	--	--	--	--
	7/1/1994	18.43	--	--	79.18	300	18	48	19	37	--	--	--	--	--



**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample	Depth to Water	Depth to Product	Free Product Thickness	Water Table Elevation	TPHg	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	DIPE	ETBE	TBA	TAME
(msl)	Date	(feet)	(feet)	(feet)	(msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
<b>MW-8</b>	9/20/1994	21.43	--	--	76.18	<100	<1	<1	<1	<1	--	--	--	--	--
<b>Cont.</b>	12/5/1994	18.72	--	--	78.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	3/10/1995	18.69	--	--	78.92	--	--	--	--	--	--	--	--	--	--
	3/14/1995	14.83	--	--	82.78	<50	<0.5	<0.5	<0.5	1	--	--	--	--	--
	9/23/1996	15.83	--	--	81.78	<	<	<	<	<	<	<	<	<	<
Not Sampled, well inaccessible since 4th Quarter, 1996.															
<b>MW-9</b>	6/23/1993	15.94	--	--	79.47	45000	14000	1200	2800	12000	--	--	--	--	--
	9/30/1993	17.05	--	--	78.36	86000	22000	1100	3300	15000	--	--	--	--	--
<b>95.41</b>	2/6/1994	17.07	--	--	78.34	43000	10000	460	2100	7500	--	--	--	--	--
	5/2/1994	16.24	--	--	79.17	17000	5400	270	1300	4700	--	--	--	--	--
	7/1/1994	16.59	--	--	78.82	10000	2100	120	450	1300	--	--	--	--	--
	9/20/1994	19.61	--	--	75.80	7500	2200	97	400	1200	--	--	--	--	--
	12/5/1994	16.85	--	--	78.56	10000	2700	130	530	1600	--	--	--	--	--
	3/10/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/14/1995	14.18	--	--	81.23	18000	5900	270	1200	3680	--	--	--	--	--
Not Sampled, well inaccessible since 1st Quarter, 1995.															
<b>MW-10</b>	6/23/1993	17.39	--	--	79.72	35000	980	640	3500	12000	--	--	--	--	--
	9/30/1993	18.58	--	--	78.53	4000	230	12	100	680	--	--	--	--	--
<b>97.11</b>	2/6/1994	18.61	--	--	78.50	2000	69	12	220	120	--	--	--	--	--
	5/2/1994	17.83	--	--	79.28	710	16	6	85	62	--	--	--	--	--
	7/1/1994	18.17	--	--	78.94	2000	52	43	120	210	--	--	--	--	--
	9/20/1994	21.15	--	--	75.96	2800	34	16	270	560	--	--	--	--	--
	12/5/1994	18.43	--	--	78.68	2700	30	13	260	430	--	--	--	--	--
	3/10/1995	15.37	--	--	81.74	--	--	--	--	--	--	--	--	--	--
	3/14/1995	15.93	--	--	81.18	1400	18	6	200	239	--	--	--	--	--
	9/23/1996	15.59	--	--	81.52	3800	4	2.9	220	170	397	--	--	--	--
	12/4/1996	16.15	--	--	80.96	4600	1.6	7.7	260	150	20	--	--	--	--
Not Sampled, well inaccessible since 4th Quarter, 1996.															
<b>MW-11</b>	2/10/1995	11.80	--	--	80.88	7000	140	22	600	1000	--	--	--	--	--
	3/10/1995	11.58	--	--	81.10	--	--	--	--	--	--	--	--	--	--
<b>92.68</b>	3/14/1995	13.96	--	--	78.72	6000	200	17	750	1276	--	--	--	--	--

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-11</b>	9/23/1996	12.29	--	--	80.39	27000	55	81	300	3500	40	--	--	--	--
<b>Cont.</b>	12/4/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/8/1997	10.51	--	--	82.17	24000	280	130	3000	3700	<	--	--	--	--
Not Sampled, well inaccessible since 2nd Quarter, 1997.															
<b>MW-12</b>	2/10/1995	16.30	--	--	26.95	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	3/10/1995	16.37	--	--	26.88	--	--	--	--	--	--	--	--	--	--
<b>43.25</b>	3/14/1995	15.69	--	--	27.56	<50	<0.5	<0.5	<0.5	0.9	--	--	--	--	--
	9/23/1996	16.67	--	--	26.58	<	<	1.6	<	<	<	--	--	--	--
	12/4/1996	17.16	--	--	26.09	<	3.2	<	1.9	3.4	<	--	--	--	--
	4/8/1997	14.88	--	--	28.37	<	<	<	<	<	<	--	--	--	--
	6/30/1997	16.33	--	--	26.92	--	--	--	--	--	--	--	--	--	--
	11/25/1997	17.61	--	--	25.64	--	--	--	--	--	--	--	--	--	--
	6/1/1998	11.58	--	--	31.67	--	--	--	--	--	--	--	--	--	--
	6/14/2001	16.62	--	--	26.63	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/7/2001	17.91	--	--	25.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	1/30/2002	15.60	--	--	27.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	5/29/2002	16.24	--	--	27.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	8/14/2002	17.20	--	--	26.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	11/15/2002	17.62	--	--	25.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	10/25/2004	well not sampled, cars parked on well													
	2/25/2005	14.72	--	--	28.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	5/19/2005	13.80	--	--	29.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	9/15/2005	15.94	--	--	27.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	11/10/2005	16.51	--	--	26.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	3/20/2006	13.04	--	--	30.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	5/25/2006	12.65	--	--	30.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	<b>8/23/2006</b>	<b>14.44</b>	--	--	<b>28.81</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>
<b>MW-13</b>	2/10/1995	14.45	--	--	26.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	3/10/1995	14.30	--	--	26.67	--	--	--	--	--	--	--	--	--	--
<b>40.97</b>	3/14/1995	15.81	--	--	25.16	<50	<0.5	<0.5	<0.5	1	--	--	--	--	--
	9/23/1996	14.60	--	--	26.37	<	<	0.8	1	<	<	--	--	--	--
	12/4/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/8/1997	12.75	--	--	28.22	<	<	<	<	<	<	--	--	--	--

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-13</b>	6/30/1997	14.13	--	--	26.84	--	--	--	--	--	--	--	--	--	--
<b>(cont)</b>	11/25/1997	15.48	--	--	25.49	--	--	--	--	--	--	--	--	--	--
	6/1/1998	9.58	--	--	31.39	--	--	--	--	--	--	--	--	--	--
	6/14/2001	14.51	--	--	26.46	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	--	--
	11/7/2001	15.85	--	--	25.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	1/30/2002	13.65	--	--	27.32	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	5/29/2002	14.10	--	--	26.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	8/14/2002	15.13	--	--	25.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	11/15/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/25/2004	Well not sampled. Unable to locate well since 10/25/04.													
<b>MW-14</b>	2/10/1995	16.28	--	--	26.91	12000	42	8	740	2100	--	--	--	--	--
	3/10/1995	16.33	--	--	26.86	--	--	--	--	--	--	--	--	--	--
<b>43.19</b>	3/14/1995	14.87	--	--	28.32	1400	6	2	36	298	--	--	--	--	--
	9/23/1996	16.67	--	--	26.52	6400	2.8	<	690	96	9.6	--	--	--	--
	12/4/1996	17.06	--	--	26.13	9500	6.3	<	1100	400	30	--	--	--	--
	4/8/1997	14.77	--	--	28.42	2900	<	2.7	220	21	<	--	--	--	--
	6/30/1997	16.22	--	--	26.97	74	1.3	<	0.51	0.68	<	--	--	--	--
	11/25/1997	17.52	--	--	25.67	<	<	<	<	<	<	--	--	--	--
	6/1/1998	11.46	--	--	31.73	<50	<0.5	<0.5	<0.5	<0.5	<5	--	--	--	--
	6/14/2001	16.53	--	--	26.66	470	<0.5	<0.5	2.8	1	<5	--	--	--	--
	11/7/2001	17.84	--	--	25.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	1/30/2002	15.55	--	--	27.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	5/29/2002	16.14	--	--	27.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	8/14/2002	17.12	--	--	26.07	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	11/15/2002	17.56	--	--	25.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	10/25/2004	Well not sampled. Unable to locate well due to parked cars.													
	2/25/2005	14.20	--	--	28.99	210	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	5/19/2005	13.71	--	--	29.48	230	<0.5	<0.5	0.72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2005	Well not sampled due to lack of traffic control													
	11/10/2005	Well not sampled due to lack of traffic control													
	3/20/2006	12.94	--	--	30.25	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	5/25/2006	12.68	--	--	30.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	<b>8/23/2006</b>	<b>15.32</b>	--	--	<b>27.87</b>	<b>99</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;5.0</b>	<b>&lt;0.50</b>

**Table 1**  
**Groundwater Analytical Data**  
**Former EZ Serve Location #100877**  
**525 West A St. Hayward CA, 94541**

Well Casing Elevation	Sample Date	Depth to Water (feet)	Depth to Product (feet)	Free Product Thickness (feet)	Water Table Elevation (msl)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)	
EX-1	8/14/2002	16.58	--	--	--	250	31	<0.5	<0.5	4.2	1.4	<0.5	<0.5	<5.0	<0.5	
	11/15/2002	17.02	--	--	--	67	4.1	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<5.0	<0.5	
	--	10/25/2004	16.91	--	--	--	96	2.1	<0.50	4.9	1.8	<0.5	<0.5	<5.0	<0.50	
	--	12/23/2004	16.60	--	--	--	<50	<0.50	<0.50	0.87	<0.50	<0.50	<0.50	<5.0	<0.50	
	--	2/25/2005	13.72	--	--	--	59	1.4	<0.50	2	0.87	<0.50	<0.50	<5.0	<0.50	
	--	5/19/2005	13.13	--	--	--	200	3.4	<0.50	3.7	1.8	1.3	<0.50	<0.50	<5.0	<0.50
	--	9/15/2005	15.20	--	--	--	290	7.5	<0.50	2.8	0.66	1.2	<0.50	<0.50	<5.0	<0.50
	--	11/10/2005	15.80	--	--	--	270	5.1	<0.50	9.2	1.5	0.94	<0.50	<0.50	<5.0	<0.50
	--	3/20/2006	12.35	--	--	--	820	7.5	<0.50	15	7.2	0.94	<0.50	<0.50	<5.0	<0.50
	--	5/25/2006	11.88	--	--	--	100	<0.50	<0.50	1	0.9	0.79	<0.50	<0.50	<5.0	<0.50
--	8/23/2006	13.62	--	--	--	440	7.3	<0.50	0.72	0.61	1.2	<0.50	<0.50	<5.0	<0.50	
VEAS-2	2/25/2005*	13.68	--	--	--	90	1.1	<0.50	0.7	1.3	1.4	<0.50	<0.50	<5.0	<0.50	
	5/19/2005*	13.11	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	
	11/10/2005	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	

**Notes:** No known groundwater monitoring or sampling was conducted between June 1, 1998 and June 14, 2001, June 14, 2001 and November 7, 2001, and Wellhead elevations resurveyed on January 30, 2002.

**Explanations:**

- msl = mean seal level
- (µg/L) = micrograms per liter
- TBA = Tertiary butyl alcohol
- MTBE = Methyl tertiary butyl ether
- DIPE = Di-isopropyl ether
- ETBE = Ethyl tertiary butyl ether
- TAME = Tertiary amyl methyl ether
- EDB = 1,2-Dibromoethane
- = Not measured, or analyzed
- DRY = Insufficient water to sample
- TPHg = Total Petroleum Hydrocarbons as gasoline (EPA Method 8015).
- SHEEN = Discontinuous, non-measurable thickness of PSH.
- < = Sample reported as "not detected," in previous tables, reporting limit not known.

**ENCLOSURE A**

Field Methods and Procedures

## **FIELD METHODS AND PROCEDURES**

The following section describes field procedures that are to be used by Delta personnel in the performance of the tasks involved with this project.

### **1.0 HEALTH AND SAFETY PLAN**

Fieldwork performed by Delta and Delta's subcontractors at the site will be conducted according to guidelines established in a Site Health and Safety Plan (SHSP). The SHSP is a document that describes the hazards that may be encountered in the field and specifies protective equipment, work procedures and emergency information. A copy of the SHSP will be at the site and available for reference by appropriate parties during work at the site.

### **2.0 GROUNDWATER DEPTH ASSESSMENT**

A water/product interface probe is used to assess the liquid-phase hydrocarbons (LPH) thickness, if present, and a water level indicator is used to measure the groundwater depth in monitoring wells that do not contain LPH. Depth to groundwater or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typically a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for LPH sheen.

### **3.0 SUBJECTIVE ANALYSIS OF GROUNDWATER**

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

### **4.0 MONITORING WELL SAMPLING**

Monitoring wells are purged using a pump or bailer until pH, temperature and conductivity of the purge water has stabilized and a minimum of three well volumes of water has been removed. The purge water is placed in 55-gallon drums and temporarily stored on-site pending evaluation of disposal options. If three well volumes cannot be removed in one-half an hour's time, the well is allowed to recharge to 80 percent of original level. After recharging, a groundwater sample is then removed from each of the wells using a pump or disposable bailer. The water sample is collected, labeled and handled according to the Quality Assurance Plan. Water generated during the monitoring event is disposed of according to the accepted regulatory method pertaining to the site.

## **5.0 QUALITY ASSURANCE PLAN**

This section describes the field and analytical procedures to be followed by Delta throughout the investigation.

### **5.1 General Sample Collection and Handling Procedures**

Proper collection and handling are essential to ensure the quality of a sample. Each sample will be collected in the appropriate container, preserved correctly for the intended analysis and stored, prior to analysis, for no longer than the maximum allowable holding time. Details on the procedures for collection and handling of soil samples from this project can be found in previous sections.

### **5.2 Sample Identification and Chain-of-Custody Procedures**

Sample identification and chain-of-custody procedures ensure sample integrity and document sample possession from the time of collection to its ultimate disposal. Each sample container submitted for analysis will have a label affixed to identify the job number, sampler, date and time of sample collection and a sample number unique to that sample. During soil sampling, this information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel and any other pertinent field observations will be recorded on the borehole log or in the field records.

**ENCLOSURE B**

Field Data Sheets



Delta Environmental Consultants, Inc.  
Groundwater/Liquid Level Data  
(measurements in feet)

Project Address: 525 West A St.  
Hayward, CA  
Recorded By: JM

Date: 8/23/06  
Project No: RPMS0877  
Weather: Sunny, Clear Skies

Well No.	Time	Depth to Groundwater	Measured Total Depth	Diameter	Total Volume	Depth to Product	Product Description	Comments
MW-1		12.75	30	4	34			
MW-1A		13.55	30	2	8			
MW-3		13.75	30	4	34			
MW-4		13.23	30	4	34			
MW-5		12.88	30	4	34			
MW-6		13.10	30	4	34			
MW-7		13.60	30	2	8			
MW-12		14.44	30	2	8			
MW-14		15.32	30	2	8			
EX-1		13.62	34	6	60			

Notes:

Waste: 4 Drums Date: 8/23/06 Contents: Purge Water



SAMPLING INFORMATION SHEET

Well No. MW-1 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/06

Well Depth 30 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 12.75 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
11:45	28.8	6.98	1223		1
11:55	23.9	6.87	1222		17
12:05	23.2	6.85	1198		34

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



**SAMPLING INFORMATION SHEET**

Well No. MW-1A Project Name Hayward Client RAMS

Location (address) 525 West A St. Hayward, CA

Date Sampled 8/23/06

Well Depth 30 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 13.55 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

**GROUND WATER EVACUATION/STABILIZATION DATA**

Time	Temperature(°F)	pH units	Conductance (umnos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
10:12	21.7	7.35	1129		1
10:14	20.8	7.17	1124		4
10:16	20.5	7.16	1126		8

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. MW-3 Project Name Hayward Client RPMS

Location (address) 525 West. A St.

Date Sampled 8/23/06

Well Depth 34 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 13.75 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umnos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
9:50	21.0	6.95	1038		1
10:00	20.2	7.00	1041		320
10:10	20.2	7.01	1050		40
	20.0	7.01	1044		

Comments: ~~None~~ Slight Odor

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. MW-4 Project Name Hayward Client RPMS

Location (address) 525 West A. St.

Date Sampled 8/23/06

Well Depth 30.00 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 13.23 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
12:16	25.3	6.95	1213		1
12:26	21.4	6.99	1170		17
12:36	21.0	6.98	1161		34

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. MW-5 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/06

Well Depth 30 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 12.88 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
11:10	25.6	6.94	1088		1
11:20	22.9	6.85	1188		17
11:30	22.6	6.89	1205		34

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



**SAMPLING INFORMATION SHEET**

Well No. MW-6 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/06

Well Depth 30 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 13.10 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

**GROUND WATER EVACUATION/STABILIZATION DATA**

Time	Temperature(°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
10:35	27.7	6.92	1164		1
10:45	21.0	7.08	1199		17
11:05	20.8	6.98	1187		34

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. Mw-7 Project Name Hayward Client RPMS  
 Location (address) 525 West A St.  
 Date Sampled 8/23/6  
 Well Depth 30 ft below top of casing Casing diameter 2 inches  
 DTW (below top of casing) 13.60 ft. Time: \_\_\_\_\_  
 DTP \_\_\_\_\_ ft.  
 Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_  
 Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umnos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
2:17	21.6	6.71	987		1
2:19	22.7	6.77	1213		4
2:21	22.3	6.80	1242		8

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_





**Delta**  
Environmental  
Consultants, Inc.

SAMPLING INFORMATION SHEET

Well No. MW-12 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/6

Well Depth 29.70 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 14.44 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
8:02	19.1	7.13	663		1
8:04	18.8	7.05	679		4
8:06	18.8	7.08	680		8

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. MW-14 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/6

Well Depth 30 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 15.32 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umnos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
8:20	18.6	6.80	865		1
8:22	18.7	7.00	841		4
8:24	18.6	6.95	850		8

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_



**Delta**  
Environmental  
Consultants, Inc.

SAMPLING INFORMATION SHEET

Well No. Ex-1 Project Name Hayward Client RPMS

Location (address) 525 West A St.

Date Sampled 8/23/6

Well Depth 35 ft below top of casing Casing diameter 6 inches

DTW (below top of casing) 13.62 ft. Time: \_\_\_\_\_

DTP \_\_\_\_\_ ft.

Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_

Sampling Method:  Disposable bailer  Sampling port Samples collected \_\_\_\_\_

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
9:00	19.8	7.05	1081		1
9:15	20.6	6.96	1093		20
9:30	20.2	7.02	1096		40
9:40	20.7	7.02	1099		60

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Transportation(thermal preservation) \_\_\_\_\_

Form Completed By \_\_\_\_\_ Sampled By \_\_\_\_\_

**ENCLOSURE C**

Laboratory Analytical Results With  
Chain-of-Custody Documentation



Report Number : 51809

Date : 8/29/2006

Deborah Shulman  
Delta Environmental Consultants, Inc.  
3164 Gold Camp Drive, Suite 200  
Rancho Cordova, CA 95670

Subject : 10 Water Samples  
Project Name : RPMS - Hayward  
Project Number : RPMS0877

Dear Ms. Shulman,

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 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-1

Matrix : Water

Lab Number : 51809-01

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	140	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	1.9	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	92	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	9.2	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	4.2	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	3400	100	ug/L	EPA 8260B	8/28/2006
Toluene - d8 (Surr)	87.9		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	96.6		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-1A

Matrix : Water

Lab Number : 51809-02

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	1.6	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	1.1	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	84	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	1.8	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	4700	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-3

Matrix : Water

Lab Number : 51809-03

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	2.2	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	550	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	98.7		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff





Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-4

Matrix : Water

Lab Number : 51809-04

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	240	0.50	ug/L	EPA 8260B	8/24/2006
Toluene	79	0.50	ug/L	EPA 8260B	8/24/2006
Ethylbenzene	490	2.0	ug/L	EPA 8260B	8/25/2006
Total Xylenes	860	2.0	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	6.1	0.50	ug/L	EPA 8260B	8/24/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/24/2006
TPH as Gasoline	9400	200	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	90.5		% Recovery	EPA 8260B	8/24/2006
4-Bromofluorobenzene (Surr)	106		% Recovery	EPA 8260B	8/24/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-5

Matrix : Water

Lab Number : 51809-05

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	5.6	0.50	ug/L	EPA 8260B	8/24/2006
Toluene	0.75	0.50	ug/L	EPA 8260B	8/24/2006
Ethylbenzene	42	0.50	ug/L	EPA 8260B	8/24/2006
Total Xylenes	3.6	0.50	ug/L	EPA 8260B	8/24/2006
Methyl-t-butyl ether (MTBE)	1.3	0.50	ug/L	EPA 8260B	8/24/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/24/2006
TPH as Gasoline	4000	50	ug/L	EPA 8260B	8/24/2006
Toluene - d8 (Surr)	93.8		% Recovery	EPA 8260B	8/24/2006
4-Bromofluorobenzene (Surr)	98.4		% Recovery	EPA 8260B	8/24/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-6

Matrix : Water

Lab Number : 51809-06

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	2.3	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	0.84	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	7.8	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	4.2	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	1.7	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	2300	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	97.7		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-7

Matrix : Water

Lab Number : 51809-07

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	380	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	98.9		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-12

Matrix : Water

Lab Number : 51809-08

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	98.1		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : MW-14

Matrix : Water

Lab Number : 51809-09

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	99	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	98.8		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff



Report Number : 51809

Date : 8/29/2006

Project Name : RPMS - Hayward

Project Number : RPMS0877

Sample : EX-1

Matrix : Water

Lab Number : 51809-10

Sample Date :8/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	7.3	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	0.72	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	0.61	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	1.2	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	440	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	8/25/2006

Approved By:

Joel Kiff

QC Report : Method Blank Data

Project Name : RPMS - Hayward

Project Number : RPMS0877

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/28/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/25/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/25/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/25/2006
Toluene - d8 (Surr)	92.4		%	EPA 8260B	8/25/2006
4-Bromofluorobenzene (Surr)	94.5		%	EPA 8260B	8/25/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/24/2006
Toluene - d8 (Surr)	98.4		%	EPA 8260B	8/24/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	8/24/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/24/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/24/2006
Toluene - d8 (Surr)	98.7		%	EPA 8260B	8/24/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	8/24/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	8/24/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	8/24/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	8/24/2006
Toluene - d8 (Surr)	99.9		%	EPA 8260B	8/24/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	8/24/2006

Approved By:

Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



## QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : RPMS - Hayward

Project Number : RPMS0877

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	51832-08	0.56	39.8	39.6	42.1	42.2	ug/L	EPA 8260B	8/28/06	104	105	0.889	70-130	25
Toluene	51832-08	1.0	39.8	39.6	40.9	40.3	ug/L	EPA 8260B	8/28/06	99.9	99.2	0.717	70-130	25
Tert-Butanol	51832-08	<5.0	199	198	199	196	ug/L	EPA 8260B	8/28/06	99.7	99.2	0.455	70-130	25
Methyl-t-Butyl Ether	51832-08	<0.50	39.8	39.6	32.8	34.0	ug/L	EPA 8260B	8/28/06	82.5	85.9	4.05	70-130	25
Benzene	51812-05	<0.50	40.0	40.0	41.8	40.8	ug/L	EPA 8260B	8/25/06	104	102	2.31	70-130	25
Toluene	51812-05	<0.50	40.0	40.0	38.7	37.4	ug/L	EPA 8260B	8/25/06	96.7	93.5	3.38	70-130	25
Tert-Butanol	51812-05	<5.0	200	200	206	213	ug/L	EPA 8260B	8/25/06	103	106	3.48	70-130	25
Methyl-t-Butyl Ether	51812-05	1.7	40.0	40.0	44.3	43.7	ug/L	EPA 8260B	8/25/06	106	105	1.39	70-130	25
Benzene	51809-04	240	40.0	40.0	284	282	ug/L	EPA 8260B	8/24/06	99.6	93.7	6.15	70-130	25
Toluene	51809-04	79	40.0	40.0	115	114	ug/L	EPA 8260B	8/24/06	91.0	89.5	1.71	70-130	25
Tert-Butanol	51809-04	<5.0	200	200	204	203	ug/L	EPA 8260B	8/24/06	102	102	0.211	70-130	25
Methyl-t-Butyl Ether	51809-04	6.1	40.0	40.0	45.2	45.5	ug/L	EPA 8260B	8/24/06	97.8	98.6	0.824	70-130	25
Benzene	51773-13	<0.50	40.0	40.0	44.9	44.0	ug/L	EPA 8260B	8/24/06	112	110	1.92	70-130	25
Toluene	51773-13	<0.50	40.0	40.0	43.2	42.3	ug/L	EPA 8260B	8/24/06	108	106	2.04	70-130	25
Tert-Butanol	51773-13	<5.0	200	200	210	208	ug/L	EPA 8260B	8/24/06	105	104	0.874	70-130	25
Methyl-t-Butyl Ether	51773-13	10	40.0	40.0	55.6	55.0	ug/L	EPA 8260B	8/24/06	113	112	1.50	70-130	25
Benzene	51809-05	5.6	40.0	40.0	41.2	39.6	ug/L	EPA 8260B	8/24/06	89.0	84.9	4.67	70-130	25
Toluene	51809-05	0.75	40.0	40.0	35.7	35.5	ug/L	EPA 8260B	8/24/06	87.5	86.9	0.678	70-130	25

Approved By:  Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 51809

Date : 8/29/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **RPMS - Hayward**

Project Number : **RPMS0877**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	51809-05	<5.0	200	200	186	187	ug/L	EPA 8260B	8/24/06	93.0	93.4	0.457	70-130	25
Methyl-t-Butyl Ether	51809-05	1.3	40.0	40.0	35.9	32.6	ug/L	EPA 8260B	8/24/06	86.3	78.1	10.0	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Project Name : **RPMS - Hayward**

Project Number : **RPMS0877**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	8/28/06	105	70-130
Toluene	40.0	ug/L	EPA 8260B	8/28/06	99.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/28/06	97.5	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/28/06	87.9	70-130
Benzene	40.0	ug/L	EPA 8260B	8/25/06	96.3	70-130
Toluene	40.0	ug/L	EPA 8260B	8/25/06	89.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/25/06	98.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/25/06	99.3	70-130
Benzene	40.0	ug/L	EPA 8260B	8/24/06	95.9	70-130
Toluene	40.0	ug/L	EPA 8260B	8/24/06	92.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/24/06	91.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/24/06	94.8	70-130
Benzene	40.0	ug/L	EPA 8260B	8/24/06	105	70-130
Toluene	40.0	ug/L	EPA 8260B	8/24/06	103	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/24/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/24/06	104	70-130
Benzene	40.0	ug/L	EPA 8260B	8/24/06	91.7	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

  
 \_\_\_\_\_  
 Joe Kiff

Report Number : 51809

Date : 8/29/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : RPMS - Hayward

Project Number : RPMS0877

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	8/24/06	92.5	70-130
Tert-Butanol	200	ug/L	EPA 8260B	8/24/06	90.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	8/24/06	90.3	70-130

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:

  
Joe Kiff



2795 2nd Street, Suite 300  
 Davis, CA 95616  
 Lab: 530.297.4800  
 Fax: 530.297.4802

SRG # / Lab No. 51809

Page 1 of 1

Project Contact (Hardcopy or PDF To): Deborah Shulman California EDF Report?  Yes  No

Company / Address: Delta Environmental Sampling Company Log Code: \_\_\_\_\_

Phone #: (916) 503-1209 Fax #: (916) 638-8385 Global ID: \_\_\_\_\_

Project #: RPMS0877 P.O. #: \_\_\_\_\_ EDF Deliverable To (Email Address): imata@deltaenv.com

Project Name: RPMS - Hayward Sampler Signature: Jasen Mata

Project Address: 525 West A. St Hayward, CA

Sample Designation	Sampling		Container				Preservative			Matrix			Analysis Request											TAT	For Lab Use Only								
	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO <sub>3</sub>	None	Ice	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)			Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 8010)	W.E.T. Lead (STLC)			
MW-1	8/23/6		3					X			X	X				X	X	X														X	-01
MW-1A																																	-02
MW-3																																	-03
MW-4																																	-04
MW-5																																	-05
MW-6																																	-06
MW-7																																	-07
MW-12																																	-08
MW-14																																	-09
EX-1																																	-10

Relinquished by: Jasen Mata Date: 8/23/6 Time: 1605 Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date: 082306 Time: 1605 Received by Laboratory: Jasen Mata / KIFF Analytical

Distribution: White - Lab; Pink - Originator  
 Rev: 051805

For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
1.4	QA	082306	1600	12-4	(Yes) / No

**ENCLOSURE D**

Groundwater Sample Results  
From Quality Tune-Ups  
580 W. A Street, Hayward

**TABLE 1.****Shallow Water Table Elevations  
September 20, 2006**

<b>Well</b>	<b>Top of Casing Elevation (feet)</b>	<b>Depth to Water (feet)</b>	<b>Product Thickness (inch)</b>	<b>Elevation Adjustment (feet)</b>	<b>Water Table Elevation (feet)</b>
<b>MW-1</b>	49.05	13.61	SHEEN	0.00	35.44
<b>MW-2</b>	48.99	13.60	0	0.00	35.39
<b>MW-3</b>	49.23	13.74	0	0.00	35.49
<b>MW-4</b>	48.75	13.30	0	0.00	35.45
<b>MW-5</b>	48.41	13.11	SHEEN	0.00	35.30
<b>MW-6</b>	49.29	14.01	SHEEN	0.00	35.28
<b>MW-7</b>	51.09	15.32	SHEEN	0.00	35.77
<b>MW-8</b>	48.58	12.92	FILM	0.00	35.66
<b>MW-9</b>	48.27	12.89	FILM	0.00	35.38
<b>MW-10</b>	48.41	13.00	SHEEN	0.00	35.41

**TABLE 2.**

**Historical Water Table Elevations  
( feet )**

Well	Date of Measurement									
	04-16-03	09-08-03	12-04-03	03-05-04	06-08-04	08-25-04	11-22-04	02-03-05	04-21-05	07-07-05
MW-1	34.85	33.29	32.74	35.51	33.89	32.96	32.64	34.88	36.73	35.56
MW-2	34.82	33.25	32.71	35.48	33.85	32.93	32.62	34.85	36.68	35.51
MW-3	34.89	33.33	32.78	35.55	33.93	33.01	32.70	34.91	36.78	35.61
MW-4	34.88	33.32	32.78	35.56	32.92	32.99	32.68	34.92	36.77	35.58
MW-5	34.78	33.21	32.67	35.45	33.80	32.89	32.59	34.83	36.62	35.44
MW-6	34.76	33.20	32.66	35.42	33.78	32.87	32.57	34.81	36.59	35.43
MW-7	---	---	---	---	---	---	---	---	---	---
MW-8	---	---	---	---	---	---	---	---	---	---
MW-9	---	---	---	---	---	---	---	---	---	---
MW-10	---	---	---	---	---	---	---	---	---	---
Hydraulic Gradient	0.0014	0.0013	0.0014	0.0016	0.0014	0.0015	0.0013	0.0016	0.0020	0.0017
Flow Direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW



**TABLE 2. (continued)**

**Historical Water Table Elevations  
( feet )**

Well	Date of Measurement									
	10-25-05	01-11-06	06-01-06	09-20-06						
MW-1	33.88	36.34	37.33	35.44						
MW-2	33.83	36.30	37.28	35.39						
MW-3	33.91	36.39	37.39	35.49						
MW-4	33.91	36.39	37.37	35.45						
MW-5	33.77	36.28	37.19	35.30						
MW-6	33.77	36.24	37.18	35.28						
MW-7	34.21	36.71	37.70	35.77						
MW-8	34.13	36.64	37.59	35.66						
MW-9	33.88	36.38	37.25	35.38						
MW-10	33.89	36.37	37.27	35.41						
Hydraulic Gradient	0.0044	0.0062	0.0045	0.0044						
Flow Direction	SW	SW	SW	SW						

**TABLE 4.**  
**Groundwater Sampling Results**

Well	Date	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-1	16-Apr-03	22,000	47	100	1,500	2,700	ND < 25
	08-Sep-03	28,000	29	49	2,000	3,200	ND < 10
	04-Dec-03	31,000	43	51	2,400	3,100	ND < 25
	05-Mar-04	17,000	45	43	2,300	3,300	ND < 10
	08-Jun-04	19,000	23	26	2,000	2,500	ND < 10
	25-Aug-04	25,000	27	30	1,900	1,900	ND < 10
	22-Nov-04	21,000	29	31	1,700	1,700	ND < 10
	04-Feb-05	18,000	28	27	1,500	1,700	ND < 10
	21-Apr-05	17,000	23	30	1,600	1,200	ND < 5
	07-Jul-05	16,000	ND < 10	12	1,400	1,400	ND < 10
	27-Oct-05	9,600	5.1	7.4	1,200	1,000	ND < 5
	11-Jan-06	14,000	25	ND < 25	2,000	1,300	ND < 25
	01-Jun-06	17,000	ND < 5	13	770	470	ND < 5
20-Sep-06	15,000	ND < 5	6.5	650	300	ND < 5	
MW-2	16-Apr-03	10,000	240	ND < 25	570	380	ND < 25
	08-Sep-03	14,000	300	19	740	680	ND < 10
	04-Dec-03	11,000	220	16	860	750	ND < 10
	05-Mar-04	7,600	170	13	580	440	ND < 2.5
	08-Jun-04	8,900	200	16	600	380	ND < 2.5
	25-Aug-04	12,000	180	15	670	650	ND < 2.5
	22-Nov-04	11,000	150	13	650	440	ND < 2.5
	04-Feb-05	10,000	150	12	510	580	ND < 2.5
	21-Apr-05	16,000	270	19	970	600	ND < 2.5
	07-Jul-05	7,200	120	9.1	340	330	ND < 5
	27-Oct-05	5,400	93	6.2	290	150	ND < 2.5
	11-Jan-06	4,800	97	7.5	310	160	ND < 2.5
	01-Jun-06	13,000	120	21	530	410	ND < 13
20-Sep-06	7,600	74	ND < 13	270	73	ND < 13	

ND = not detected

**TABLE 4. (continued)**  
**Groundwater Sampling Results**

<b>Well</b>	<b>Date</b>	<b>TPH as Gasoline (µg/L)</b>	<b>Benzene (µg/L)</b>	<b>Toluene (µg/L)</b>	<b>Ethylbenzene (µg/L)</b>	<b>Total Xylenes (µg/L)</b>	<b>MTBE (µg/L)</b>
<b>MW-3</b>	17-Apr-03	<b>7,700</b>	ND < 10	ND < 10	<b>160</b>	<b>54</b>	ND < 10
	08-Sep-03	<b>6,600</b>	ND < 10	ND < 10	<b>88</b>	ND < 20	ND < 10
	04-Dec-03	<b>6,300</b>	ND < 5	ND < 5	<b>70</b>	ND < 10	ND < 5
	05-Mar-04	<b>4,300</b>	ND < 2.5	ND < 2.5	<b>59</b>	ND < 5	ND < 2.5
	08-Jun-04	<b>3,700</b>	ND < 2.5	ND < 2.5	<b>19</b>	ND < 5	ND < 2.5
	25-Aug-04	<b>8,500</b>	ND < 2.5	ND < 2.5	<b>62</b>	ND < 5	ND < 2.5
	22-Nov-04	<b>5,400</b>	ND < 2.5	ND < 2.5	<b>33</b>	ND < 5	ND < 2.5
	03-Feb-05	<b>3,700</b>	ND < 2.5	ND < 2.5	<b>15</b>	ND < 5	ND < 2.5
	21-Apr-05	<b>2,900</b>	ND < 0.5	ND < 0.5	<b>17</b>	<b>1.1</b>	ND < 0.5
	07-Jul-05	<b>2,200</b>	ND < 1	ND < 1	<b>4.4</b>	<b>2.0</b>	ND < 1
	28-Oct-05	<b>2,600</b>	ND < 0.5	ND < 0.5	<b>3.1</b>	<b>1.2</b>	ND < 0.5
	11-Jan-06	<b>1,300</b>	ND < 0.5	ND < 0.5	<b>1.5</b>	ND < 1	ND < 0.5
	01-Jun-06	<b>690</b>	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
	21-Sep-06	<b>730</b>	ND < 1	ND < 1	ND < 1	ND < 2	ND < 1
<b>MW-4</b>	17-Apr-03	<b>13,000</b>	<b>36</b>	ND < 10	<b>240</b>	ND < 20	ND < 10
	08-Sep-03	<b>12,000</b>	<b>31</b>	ND < 10	<b>200</b>	ND < 20	ND < 10
	04-Dec-03	<b>12,000</b>	<b>27</b>	ND < 10	<b>180</b>	ND < 20	ND < 10
	05-Mar-04	<b>6,800</b>	<b>12</b>	ND < 2.5	<b>79</b>	ND < 5	ND < 2.5
	08-Jun-04	<b>9,500</b>	<b>15</b>	ND < 2.5	ND < 2.5	ND < 5	ND < 2.5
	25-Aug-04	<b>17,000</b>	<b>16</b>	ND < 2.5	<b>86</b>	ND < 5	ND < 2.5
	22-Nov-04	<b>11,000</b>	<b>17</b>	ND < 2.5	<b>67</b>	ND < 5	ND < 2.5
	03-Feb-05	<b>8,200</b>	<b>11</b>	ND < 2.5	<b>39</b>	ND < 5	ND < 2.5
	21-Apr-05	<b>8,200</b>	<b>12</b>	ND < 2.5	<b>33</b>	ND < 5	ND < 2.5
	07-Jul-05	<b>8,000</b>	<b>7.8</b>	ND < 5	ND < 5	ND < 10	ND < 5
	27-Oct-05	<b>6,900</b>	<b>5.6</b>	ND < 2.5	<b>21</b>	ND < 5	ND < 2.5
	11-Jan-06	<b>7,400</b>	<b>7.8</b>	ND < 5	<b>15</b>	ND < 5	ND < 5
	01-Jun-06	<b>5,100</b>	<b>2.7</b>	ND < 2.5	<b>8.9</b>	ND < 5	ND < 2.5
	20-Sep-06	<b>5,300</b>	ND < 2.5	ND < 2.5	<b>3.0</b>	ND < 5	ND < 2.5

ND = not detected

**TABLE 4. (continued)**  
**Groundwater Sampling Results**

Well	Date	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
<b>MW-5</b>	17-Apr-03	34,000	340	ND < 10	2,900	2,600	56
	08-Sep-03	45,000	440	ND < 25	2,500	2,000	52
	04-Dec-03	27,000	300	ND < 25	2,100	1,100	ND < 25
	05-Mar-04	18,000	220	ND < 10	1,900	1,300	39
	08-Jun-04	37,000	240	ND < 10	1,700	1,300	39
	25-Aug-04	29,000	250	ND < 10	1,600	500	75
	22-Nov-04	21,000	260	ND < 10	1,700	750	51
	04-Feb-05	21,000	160	ND < 10	1,200	530	40
	21-Apr-05	23,000	180	ND < 10	1,700	720	49
	07-Jul-05	30,000	55	ND < 20	3,100	850	ND < 20
	27-Oct-05	24,000	88	ND < 2.5	750	230	26
	11-Jan-06	14,000	110	ND < 5	780	160	28
	01-Jun-06	20,000	110	ND < 5	980	300	21
21-Sep-06	19,000	62	ND < 5	650	120	5.3	
<b>MW-6</b>	17-Apr-03	40,000	240	ND < 50	4,000	5,600	ND < 50
	08-Sep-03	49,000	230	ND < 50	5,300	4,600	ND < 25
	04-Dec-03	35,000	180	ND < 50	5,000	3,100	ND < 50
	05-Mar-04	29,000	140	ND < 20	4,400	2,300	ND < 20
	08-Jun-04	29,000	130	ND < 20	4,900	2,300	ND < 20
	25-Aug-04	55,000	130	ND < 20	5,500	1,800	ND < 20
	22-Nov-04	31,000	100	ND < 20	5,200	2,300	ND < 20
	04-Feb-05	30,000	74	ND < 20	3,300	930	ND < 20
	21-Apr-05	25,000	69	ND < 10	670	750	ND < 10
	07-Jul-05	20,000	130	ND < 20	960	400	38
	27-Oct-05	17,000	41	ND < 10	3,200	540	ND < 10
	11-Jan-06	18,000	49	ND < 13	4,600	600	ND < 13
	01-Jun-06	30,000	37	ND < 25	3,600	540	ND < 25
21-Sep-06	24,000	ND < 25	ND < 25	2,400	270	ND < 25	

ND = not detected

TABLE 4. (continued)

Groundwater Sampling Results

Well	Date	TPH as Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-7	27-Oct-05	8,500	14	ND < 5	170	56	ND < 5
	11-Jan-06	13,000	25	ND < 5	190	30	ND < 5
	01-Jun-06	12,000	15	ND < 10	110	29	ND < 10
	21-Sep-06	8,100	ND < 10	ND < 10	65	ND < 20	65
MW-8	28-Oct-05	12,000	75	ND < 2.5	260	28	9.7
	11-Jan-06	11,000	130	ND < 5	370	21	ND < 5
	01-Jun-06	17,000	77	ND < 10	250	22	ND < 10
	21-Sep-06	9,700	35	ND < 10	150	ND < 20	ND < 10
MW-9	28-Oct-05	9,200	120	ND < 5	59	ND < 10	10
	11-Jan-06	9,900	140	ND < 5	42	ND < 10	19
	01-Jun-06	7,800	39	ND < 10	14	ND < 20	12
	20-Sep-06	8,500	69	ND < 10	23	ND < 20	ND < 10
MW-10	28-Oct-05	3,700	ND < 0.5	ND < 0.5	48	20	4.2
	11-Jan-06	1,600	ND < 0.5	ND < 0.5	23	2.5	7.5
	01-Jun-06	3,400	ND < 1	ND < 1	13	ND < 2	38
	20-Sep-06	2,300	ND < 1	ND < 1	6.6	ND < 2	51

ND = not detected