

Alameda County

December 7, 2007

DEC 12 2007

Environmental Health

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

Re: Case Number # 3580  
*Quarterly Groundwater Monitoring Report – Fourth Quarter 2007*  
Former E-Z Serve Location (RPMS 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). Site features are depicted in Figure 2.

The groundwater monitoring data discussed in this report were collected on October 24, 2007 and November 11, 2007. The work was performed in accordance with the field methods and procedures included in Enclosure A.

#### **Groundwater Level Measurements**

On October 24, 2007 Delta personnel visited the site to conduct groundwater monitoring activities. The depth to groundwater was measured in a total of ten monitoring and extraction wells (MW-1, MW-1A, MW-3 through MW-7, MW-12, MW-14 and EX-1). During the October 24, 2007 monitoring event, the depth to groundwater in the monitored wells ranged from 15.51 feet (MW-1) to 17.17 feet (MW-12) below top of casing. Due to a dropped sample cooler, the groundwater samples collected on October 24, 2007 were destroyed. As a result, Delta remobilized to the site on November 11, 2007 and conducted a second monitoring event. During this event Delta gauged wells MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, MW-12, and EX-1 and found groundwater depths ranging from 15.53 feet (MW-1) to 17.14 feet (MW-12) below top of casing.

Wells MW-8 through MW-11, and MW-13 have been paved over, were inaccessible or could not be located during both the October 24, 2007 and November 11, 2007 events. Well MW-2 was destroyed in March of 2006. During the November 11, 2007 event, monitoring well MW-7 was

inaccessible due to presence of a dog and well MW-14 was inaccessible due to traffic concerns. Well MW-11 is not shown on Figure 2 as it lies several hundred feet west of the site along West A Street.

Groundwater data collected on October 24, 2007 and November 11, 2007 were used to create groundwater elevation contour maps, which are included as Figure 3 and 4, respectively. Based on data collected during both events, groundwater appears to flow in variable directions due to mounding of the water table at variable gradient averaging approximately 0.007 on October 24, 2007 and averaging approximately 0.01 on November 11, 2007. Measured depths to groundwater and calculated groundwater elevations are presented in Table 1. Field data sheets for the fourth quarter sampling event are attached in Enclosure B.

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

During the November 11, 2007 groundwater monitoring event, groundwater samples were collected from eight monitoring wells (MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, MW-12, and EX-1). Prior to sampling, the monitoring wells were purged by removing approximately three well volumes of water with a bailer or submersible pump. Following the purging of groundwater, the wells were sampled utilizing disposable polyurethane bailers. Each groundwater sample was decanted into properly labeled, laboratory prepared sample containers and placed on ice for storage prior to transporting to the laboratory. The collected samples were transported, under strict chain-of-custody protocols, to *Pace Analytical Services, Inc.* (Pace) of Milwaukee, Wisconsin, for analysis for total petroleum hydrocarbons in the gasoline range (TPHg) by EPA Method 8015M and benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tert butyl ether (MTBE), diisopropyl ether (DIPE), ethyl tert butyl ether (ETBE), tert-amyl methyl ether (TAME) and tert butyl alcohol (TBA) by EPA Method 8260B.

TPHg was detected in all sampled wells (MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, MW-12, and EX-1). Benzene was detected in seven monitoring wells (MW-1, MW-1A, MW-3, MW-4, MW-5, MW-6, and EX-1). The highest concentration of TPHg was reported in MW-1 (4,100 µg/L), while the highest benzene concentration was in MW-4 (100 µg/L). MTBE was detected in wells MW-1A (120 µg/L), MW-6 (120 µg/L), and EX-1 (46 µg/L). The analytical data for the November 11, 2007 sampling event are presented in Table 1. 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.

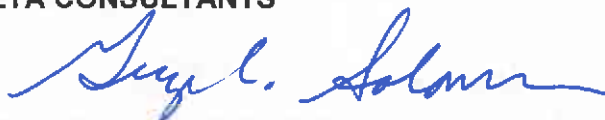
**Remarks**

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.

If you have any questions concerning this project, please contact the project manager, Ken Bowen, at (916) 503-1279.

Sincerely,

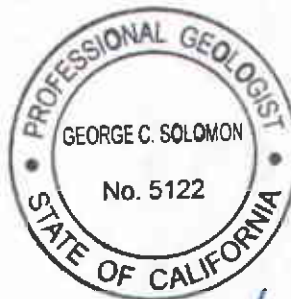
**DELTA CONSULTANTS**



G. Cleve Solomon, PhD., P.G.  
California Professional Geologist No. 5122

Enclosures

cc: Jack Ceccarelli, RPMS of CA



EXP 01/31/09



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



FIGURE 1

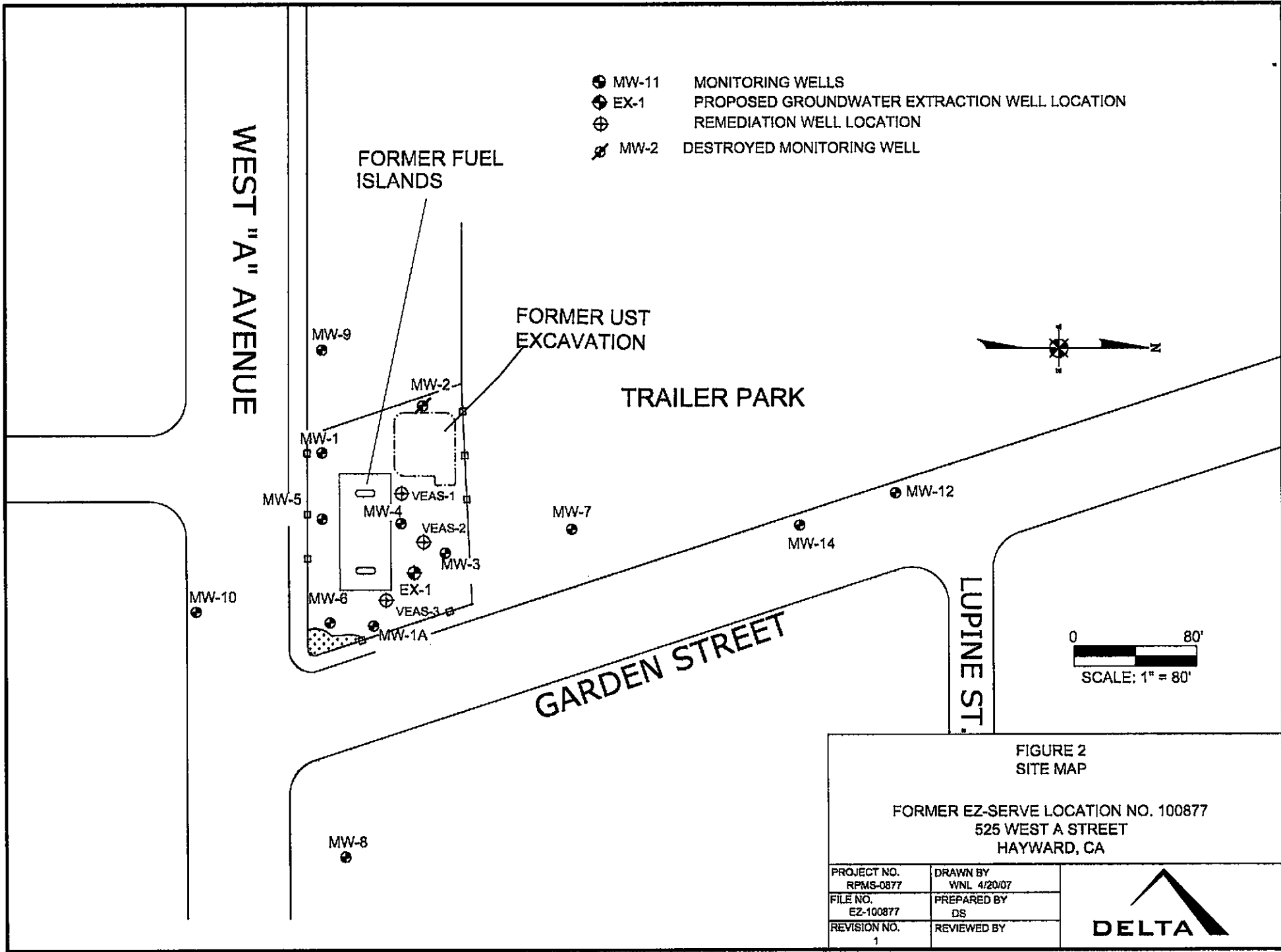
SITE LOCATION MAP

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

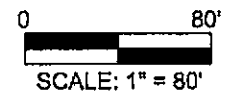
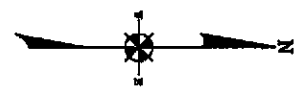
PROJECT NO. RPMS-0877	DRAWN BY MC 11/1004
FILE NO. E2-100877-F1	PREPARED BY JS
REVISION NO. 1	REVIEWED BY



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



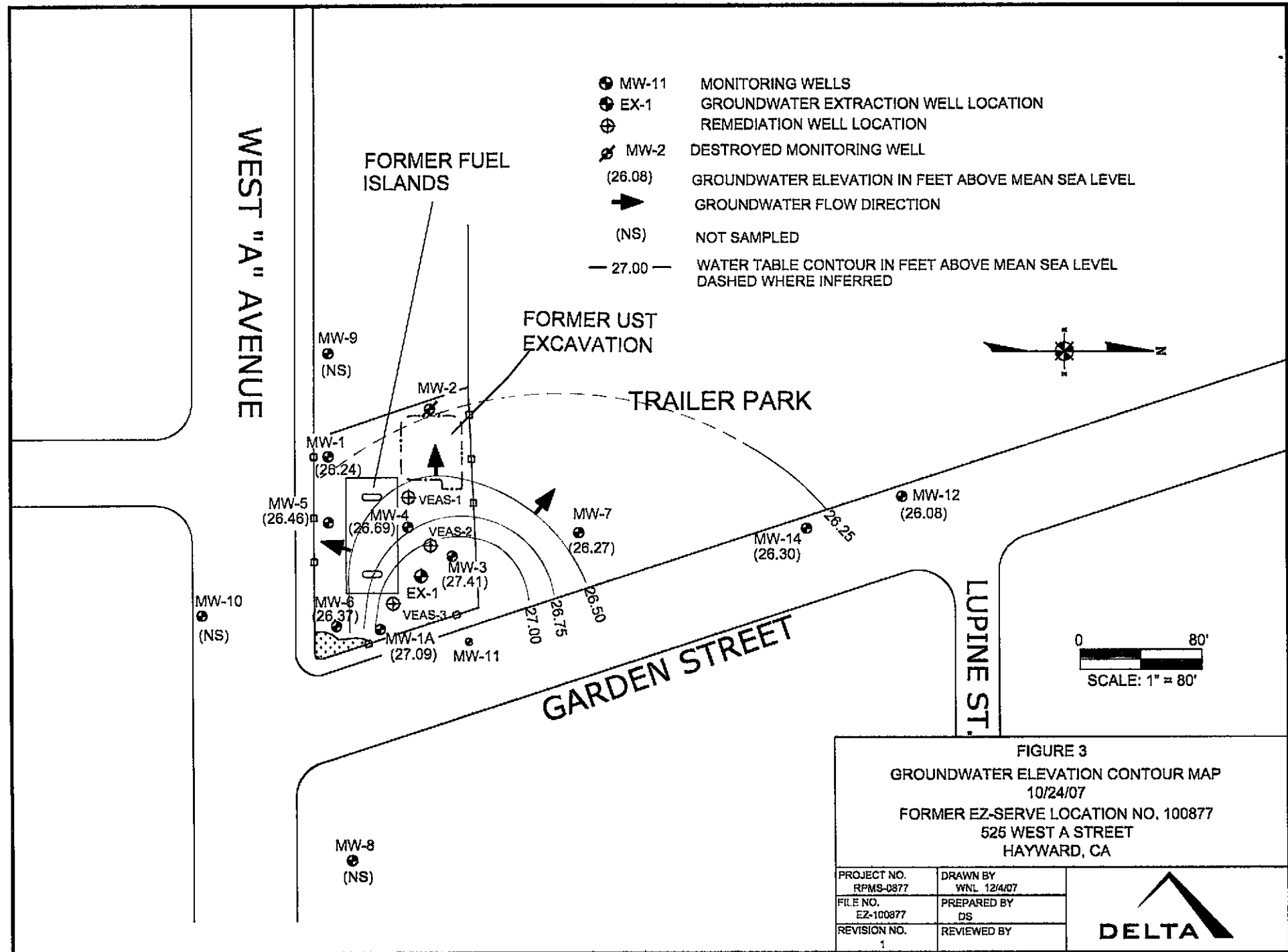
- MW-11 MONITORING WELLS
- ◆ EX-1 PROPOSED GROUNDWATER EXTRACTION WELL LOCATION
- ⊕ REMEDIATION WELL LOCATION
- ⊗ MW-2 DESTROYED MONITORING WELL



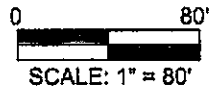
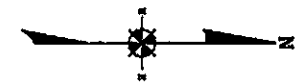
**FIGURE 2  
SITE MAP**

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

PROJECT NO. RPMS-0877	DRAWN BY WNL 4/20/07	
FILE NO. EZ-100877	PREPARED BY DS	
REVISION NO. 1	REVIEWED BY	

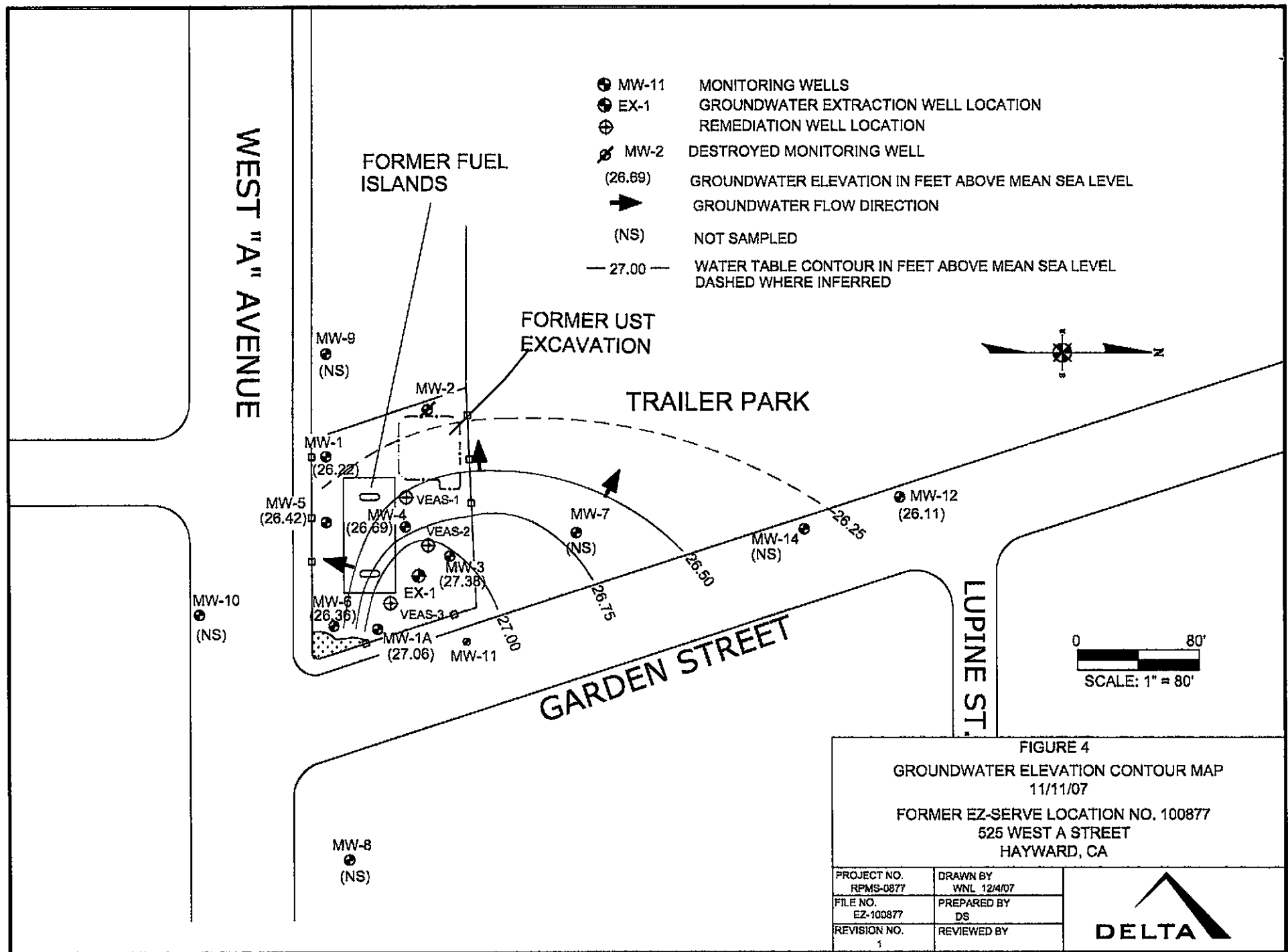


- MW-11 MONITORING WELLS
- ⊕ EX-1 GROUNDWATER EXTRACTION WELL LOCATION
- ⊕ REMEDIATION WELL LOCATION
- ⊗ MW-2 DESTROYED MONITORING WELL
- (26.08) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- ➔ GROUNDWATER FLOW DIRECTION
- (NS) NOT SAMPLED
- 27.00 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL  
DASHED WHERE INFERRED

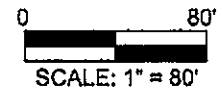
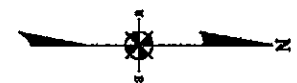


**FIGURE 3**  
**GROUNDWATER ELEVATION CONTOUR MAP**  
 10/24/07  
 FORMER EZ-SERVE LOCATION NO. 100877  
 525 WEST A STREET  
 HAYWARD, CA

PROJECT NO. RPMS-0877	DRAWN BY WNL 12/4/07
FILE NO. EZ-100877	PREPARED BY DS
REVISION NO. 1	REVIEWED BY

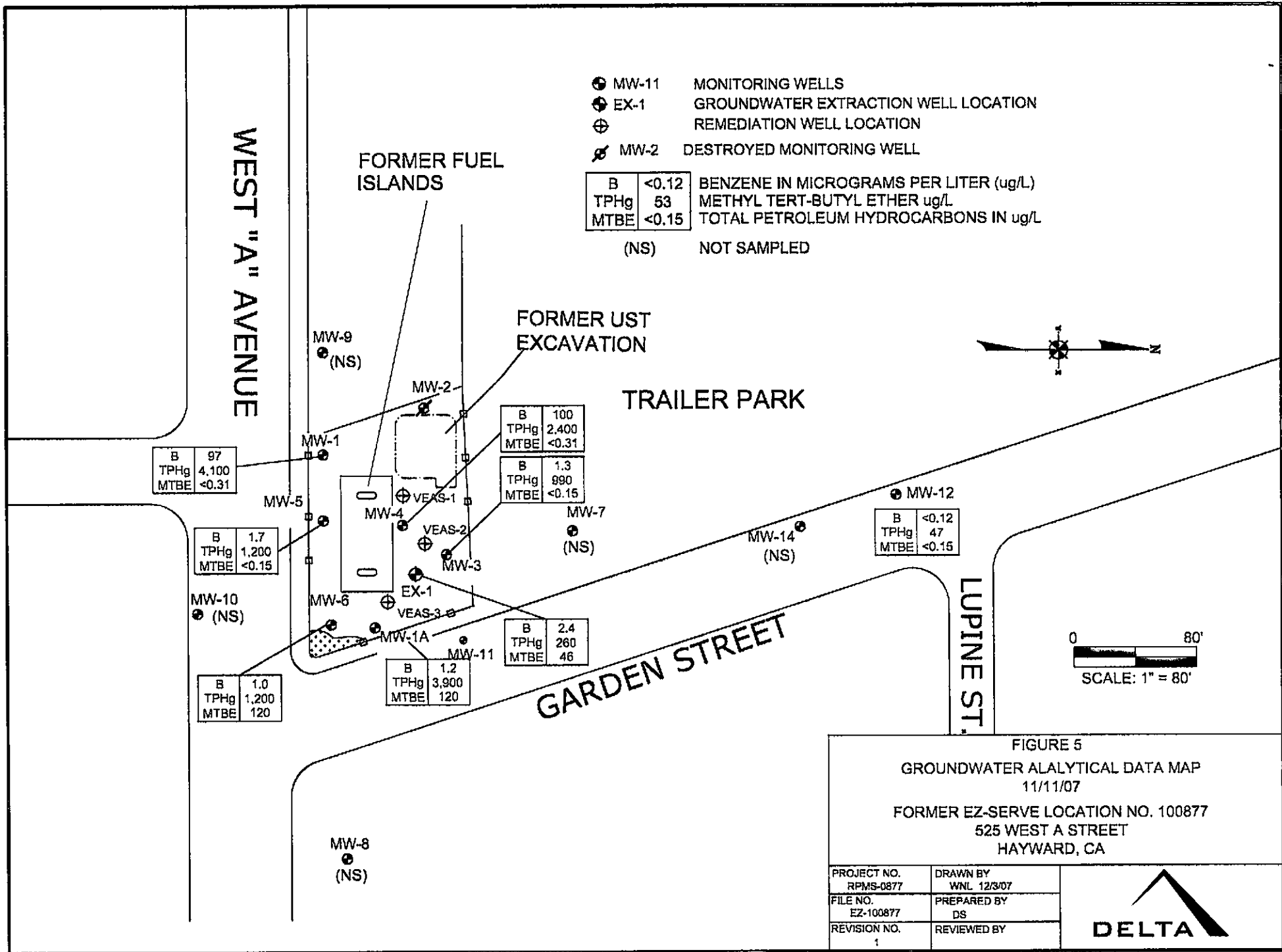


- MW-11 MONITORING WELLS
- EX-1 GROUNDWATER EXTRACTION WELL LOCATION
- ⊕ REMEDIATION WELL LOCATION
- ⊗ MW-2 DESTROYED MONITORING WELL
- (26.69) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- ➔ GROUNDWATER FLOW DIRECTION
- (NS) NOT SAMPLED
- 27.00 — WATER TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL  
DASHED WHERE INFERRED



**FIGURE 4**  
**GROUNDWATER ELEVATION CONTOUR MAP**  
 11/11/07  
 FORMER EZ-SERVE LOCATION NO. 100877  
 525 WEST A STREET  
 HAYWARD, CA

PROJECT NO. RPMS-0877	DRAWN BY WNL 12/4/07
FILE NO. EZ-100877	PREPARED BY DS
REVISION NO. 1	REVIEWED BY



- MW-11 MONITORING WELLS
  - ⊕ EX-1 GROUNDWATER EXTRACTION WELL LOCATION
  - ⊕ REMEDIATION WELL LOCATION
  - ⊗ MW-2 DESTROYED MONITORING WELL
- |      |       |  |
|------|-------|--|
| B    | <0.12 | BENZENE IN MICROGRAMS PER LITER (ug/L) |
| TPHg | 53    | METHYL TERT-BUTYL ETHER ug/L           |
| MTBE | <0.15 | TOTAL PETROLEUM HYDROCARBONS IN ug/L   |
- (NS) NOT SAMPLED

B	97
TPHg	4,100
MTBE	<0.31

B	1.7
TPHg	1,200
MTBE	<0.15

B	1.0
TPHg	1,200
MTBE	120

B	100
TPHg	2,400
MTBE	<0.31

B	1.3
TPHg	990
MTBE	<0.15

B	2.4
TPHg	260
MTBE	46

B	1.2
TPHg	3,900
MTBE	120

B	<0.12
TPHg	47
MTBE	<0.15

**FIGURE 5**  
**GROUNDWATER ANALYTICAL DATA MAP**  
 11/11/07  
 FORMER EZ-SERVE LOCATION NO. 100877  
 525 WEST A STREET  
 HAYWARD, CA

PROJECT NO. RPMS-0877	DRAWN BY WNL 12/3/07	
FILE NO. EZ-100877	PREPARED BY DS	
REVISION NO. 1	REVIEWED BY	



**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-1</b>	2/5/1992	20.82	--	--	20.93	46000	7600	2300	2400	6500	--	--	--	--	--
<b>41.75</b>	9/11/1992	20.08	--	--	21.67	48000	9000	1200	1800	4600	--	--	--	--	--
	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
	8/23/2006	12.75	--	--	29.00	3400	140	1.9	92	9.2	4.2	<0.50	<0.50	<5.0	<0.50
	3/14/2007	13.12	--	--	28.63	5600	75	0.83	160	20	2.5	<0.50	<0.50	<5.0	<0.50
	6/11/2007	14.42	--	--	27.33	5400	90	<1.0	220	12	2.4	<1.0	<1.0	<5.0	<1.0
	8/1/2007	14.97	--	--	26.78	5300	130	<0.74	450	36	<0.77	<0.60	<0.63	<35	<0.83
	10/24/2007	15.51	--	--	26.24	--	--	--	--	--	--	--	--	--	--
	<b>11/11/2007</b>	<b>15.53</b>	--	--	<b>26.22</b>	<b>4100</b>	<b>97</b>	<b>0.77</b>	<b>120</b>	<b>4.3</b>	<b>&lt;0.31</b>	<b>&lt;0.24</b>	<b>&lt;0.25</b>	<b>&lt;14</b>	<b>&lt;0.33</b>
<b>MW-1A</b>	6/23/1993	17.80	17.59	0.21	25.75	--	--	--	--	--	--	--	--	--	--
<b>43.40</b>	9/30/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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

Well Casing	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
Elevation (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)
MW-1A	2/6/1994	18.89	--	--	24.51	8900	1700	42	1000	400	--	--	--	--	--
(cont)	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
	8/23/2006	13.55	--	--	29.85	4700	1.6	1.1	84	1.8	<0.50	<0.50	<0.50	<5.0	<0.50
	3/14/2007	14.00	--	--	29.40	610	<0.50	<0.50	12	<0.50	7.5	<0.50	<0.50	<5.0	<0.50
	6/12/2007	15.30	--	--	28.10	3200	1.1	0.84	79	0.76	20	<0.50	<0.50	<5.0	<0.50
	8/1/2007	15.84	--	--	27.56	440	0.31	<0.15	6.2	<0.34	79	<0.12	<0.13	<6.9	<0.17
	10/24/2007	16.31	--	--	27.09	--	--	--	--	--	--	--	--	--	--
	<b>11/11/2007</b>	<b>16.34</b>	--	--	<b>27.06</b>	<b>3900</b>	<b>1.2</b>	<b>0.61</b>	<b>150</b>	<b>&lt;0.34</b>	<b>120</b>	<b>&lt;0.12</b>	<b>&lt;0.13</b>	<b>&lt;6.9</b>	<b>&lt;0.17</b>
MW-2	2/5/1992	22.35	--	0.00	20.91	67000	13000	4700	820	1300	--	--	--	--	--
43.26	9/11/1992	21.67	--	0.00	21.59	57000	9000	1400	1200	8400	--	--	--	--	--
	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	--	--	--	--	--

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

Well	Depth to	Depth to	Free Product	Water Table												
Casing	Water	Product	Thickness	Elevation	TPHg	Benzene	Toluene	Ethyl-	Total	MTBE	DIPE	ETBE	TBA	TAME		
Elevation	Sample							benzene	Xylenes							
(msl)	Date	(feet)	(feet)	(msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)		
MW-2	9/30/1993	19.63	--	0.00	23.63	38000	12000	780	1500	6500	--	--	--	--	--	
(cont)	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				--	--	--	--	--	--	--	--	--	--	--
MW-3	2/5/1992	21.85	--	--	22.04	16000	2700	410	<1	3400	--	--	--	--	--	
43.89	9/11/1992	21.13	--	--	22.76	43000	7600	1600	1400	4100	--	--	--	--	--	
	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	--	--	--	--	--	

**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)
MW-3 (cont)	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	<5.0	<5.0
	1/30/2002	15.10	--	--	28.79	3600	27	<5.0	120	34	<5.0	<5.0	<5.0	<5.0	<5.0
	5/29/2002	15.63	--	--	28.26	2000	18	<5.0	53	13	<5.0	<5.0	<5.0	<5.0	<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	
3/14/2007	14.11	--	--	29.78	660	0.58	<0.50	22	3.7	1.3	<0.50	<0.50	<5.0	<0.50	
6/12/2007	15.43	--	--	28.46	540	<0.50	<0.50	14	2.2	6.0	<0.50	<0.50	<5.0	<0.50	
8/1/2007	15.97	--	--	27.92	2300	2.3	<0.15	87	13	<0.15	<0.12	<0.13	<6.9	<0.17	
10/24/2007	16.48	--	--	27.41	--	--	--	--	--	--	--	--	--	--	
11/11/2007	16.51	--	--	27.38	990	1.3	<0.15	20	2.1	<0.15	<0.12	<0.13	<6.9	<0.17	
MW-4 42.76	2/5/1992	21.31	--	--	21.45	16000	2700	410	<1	3400	--	--	--	--	--
	9/11/1992	20.62	--	--	22.14	43000	7600	1600	1400	4100	--	--	--	--	--
	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	--	--	--	--	--	

**Table I**  
**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-4 (cont)</b>	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	
8/23/2006	13.23	--	--	29.53	9400	240	79	490	860	6.1	<0.50	<0.50	<5.0	<0.50	
3/14/2007	13.65	--	--	29.11	4600	100	20	350	570	2.3	<0.50	<0.50	<5.0	<0.50	
6/12/2007	14.92	--	--	27.84	3700	120	14	150	230	2.5	<0.50	<0.50	<5.0	<0.50	
8/1/2007	15.48	--	--	27.28	3700	120	15	280	310	<0.77	<0.60	<0.63	<35	<0.83	
10/24/2007	16.07	--	--	26.69	--	--	--	--	--	--	--	--	--	--	
11/11/2007	16.07	--	--	26.69	2400	100	8.5	150	130	<0.31	<0.24	<0.25	<14	<0.33	
<b>MW-5 42.10</b>	2/5/1992	20.93	--	--	21.17	78000	7900	5000	2900	1800	--	--	--	--	--
	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	--	--	--	--	--	

**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-5 (cont)</b>	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	--	--	--	--	--	--	--	--	--	--
	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	
8/23/2006	12.88	--	--	29.22	4000	5.6	0.75	42	3.6	1.3	<0.50	<0.50	<5.0	<0.50	
3/14/2007	13.28	--	--	28.82	3500	3.1	1.0	31	1.6	1.8	<0.50	<0.50	<5.0	<0.50	
6/12/2007	14.56	--	--	27.54	2500	3.0	0.83	14	1.4	1.9	<0.50	<0.50	<5.0	<0.50	
8/1/2007	15.11	--	--	26.99	2700	3.6	1.1	21	1.1	<0.15	<0.12	<0.13	<6.9	<0.17	
10/24/2007	15.64	--	--	26.46	--	--	--	--	--	--	--	--	--	--	
<b>11/11/2007</b>	<b>15.68</b>	--	--	<b>26.42</b>	<b>1200</b>	<b>1.7</b>	<b>0.50</b>	<b>4.7</b>	<b>0.39</b>	<b>&lt;0.15</b>	<b>&lt;0.12</b>	<b>&lt;0.13</b>	<b>&lt;6.9</b>	<b>&lt;0.17</b>	
<b>MW-6 42.33</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	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--	

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

Well	Depth to	Depth to	Free Product	Water Table											
Casing	Water	Product	Thickness	Elevation	TPHg	Benzene	Toluene	Ethyl-	Total	MTBE	DIPE	ETBE	TBA	TAME	
Elevation	(feet)	(feet)	(feet)	(msl)	(µg/L)	(µg/L)	(µg/L)	benzene	Xylenes	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
(msl)	Date							(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW-6	2/6/1994	18.55	--	--	23.78	20000	4600	690	2100	2500	--	--	--	--	
(cont)	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	
	1/30/2002	14.60	--	--	27.73	6600	32	7.2	130	28	<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	
	8/14/2002	16.03	--	--	26.30	5300	24	6.6	120	22	<2.0	<2.0	<2.0	<2.0	
	11/15/2002	16.53	--	--	25.80	5000	19	4.7	70	38	<0.5	<0.5	<0.5	<0.5	
	10/25/2004	16.43	--	--	25.90	3600	9.8	2.1	83	16	2.3	<0.50	<0.50	<0.50	
	12/23/2004	16.12	--	--	26.21	2100	8.2	1.3	10	2.4	1.5	<0.50	<0.50	<0.50	
	2/25/2005	13.13	--	--	29.20	2500	6.6	1.4	29	5.2	0.74	<0.50	<0.50	<0.50	
	5/19/2005	12.61	--	--	29.72	3800	7.5	2.2	54	12	3.1	<0.50	<0.50	<0.50	
	9/15/2005	14.69	--	--	27.64	1900	2.9	0.88	12	2.7	0.94	<0.50	<0.50	<0.50	
	11/10/2005	15.30	--	--	27.03	1700	2.1	0.6	5.4	1.7	0.81	<0.50	<0.50	<0.50	
	3/20/2006	11.88	--	--	30.45	2300	3.6	1.0	12	3.9	1.1	<0.50	<0.50	<0.50	
	5/25/2006	11.38	--	--	30.95	2400	5	1.8	31	14	3	<0.50	<0.50	<0.50	
	8/23/2006	13.10	--	--	29.23	2300	2.3	0.84	7.8	4.2	1.7	<0.50	<0.50	<0.50	
	3/14/2007	13.52	--	--	28.81	3300	2.8	0.70	49	6.5	10	<0.50	<0.50	<0.50	
	6/12/2007	14.80	--	--	27.53	2000	1.4	0.54	3.2	2.1	32	<0.50	<0.50	<0.50	
	8/1/2007	15.38	--	--	26.95	1500	0.99	0.40	2.1	1.2	50	<0.12	<0.13	<6.9	
	10/24/2007	15.96	--	--	26.37	--	--	--	--	--	--	--	--	--	
	11/11/2007	15.97	--	--	26.36	1200	1.0	0.34	1.5	1.0	120	<0.12	<0.13	<6.9	
MW-7	6/23/1993	17.87	--	--	24.83	29000	4200	71	4400	5600	--	--	--	--	
42.70	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	--	--	--	--	

**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)
MW-7	12/5/1994	18.66	--	--	24.04	3700	280	<10	430	350	--	--	--	--	--
(cont)	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		--	--	--	--	--	--	--	--	--	--	--	--
	8/23/2006	13.60	--	--	29.10	380	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	3/14/2007	14.00	--	--	28.70	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	6/12/2007	Well not safe to access due to dog		--	--	--	--	--	--	--	--	--	--	--	--
	8/1/2007	15.82	--	--	26.88	470	<0.12	<0.15	1.7	0.50	<0.15	<0.12	<0.13	<6.9	<0.17
	10/24/2007	16.43	--	--	26.27	--	--	--	--	--	--	--	--	--	--
	11/11/2007	Well not safe to access due to dog		--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/23/1993	17.64	--	--	79.97	350	43	9	35	67	--	--	--	--	--
97.61	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	--	--	--	--	--
	9/20/1994	21.43	--	--	76.18	<100	<1	<1	<1	<1	--	--	--	--	--
	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.



**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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>MW-9</b> <b>95.41</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	--	--	--	--	--
	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> <b>97.11</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	--	--	--	--	--
	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> <b>92.68</b>	2/10/1995	11.80	--	--	80.88	7000	140	22	600	1000	--	--	--	--	--
	3/10/1995	11.58	--	--	81.10	--	--	--	--	--	--	--	--	--	--
	3/14/1995	13.96	--	--	78.72	6000	200	17	750	1276	--	--	--	--	--
	9/23/1996	12.29	--	--	80.39	27000	55	81	300	3500	40	--	--	--	--
	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> <b>43.25</b>	2/10/1995	16.30	--	--	26.95	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	3/10/1995	16.37	--	--	26.88	--	--	--	--	--	--	--	--	--	--
	3/14/1995	15.69	--	--	27.56	<50	<0.5	<0.5	<0.5	0.9	--	--	--	--	--

**Table I**  
**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-12</b> <b>(cont)</b>	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	
	8/23/2006	14.44	--	--	28.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	
3/14/2007	14.70	--	--	28.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50		
6/12/2007	16.02	--	--	27.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50		
8/1/2007	16.57	--	--	26.68	45	<0.12	<0.15	<0.17	<0.34	<0.15	<0.12	<0.13	<6.9	<0.17		
10/24/2007	17.17	--	--	26.08	--	--	--	--	--	--	--	--	--	--		
11/11/2007	17.14	--	--	26.11	47	<0.12	<0.15	<0.17	<0.34	<0.15	<0.12	<0.13	<6.9	<0.17		
<b>MW-13</b> <b>40.97</b>	2/10/1995	14.45	--	--	26.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	
	3/10/1995	14.30	--	--	26.67	--	--	--	--	--	--	--	--	--	--	
	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	<	<	<	<	<	<	--	--	--	--	
	6/30/1997	14.13	--	--	26.84	--	--	--	--	--	--	--	--	--	--	
	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	

**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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
MW-13	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
(cont)	11/15/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/25/2004	Well not sampled. Unable to locate well since 10/25/04.													
MW-14	2/10/1995	16.28	--	--	26.91	12000	42	8	740	2100	--	--	--	--	--
43.19	3/10/1995	16.33	--	--	26.86	--	--	--	--	--	--	--	--	--	--
	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
	8/23/2006	15.32	--	--	27.87	99	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	3/14/2007	14.58	--	--	28.61	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	6/12/2007	15.95	--	--	27.24	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
	8/1/2007	16.47	--	--	26.72	53	<0.12	<0.15	<0.17	<0.34	<0.15	<0.12	<0.13	<6.9	<0.17
	10/24/2007	16.89	--	--	26.30	--	--	--	--	--	--	--	--	--	--
	11/11/2007	Well not sampled due to lack of traffic control													
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	<0.5	<5.0	<0.50
	12/23/2004	16.60	--	--	--	<50	<0.50	<0.50	0.87	<0.50	<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	<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

**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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TBA (µg/L)	TAME (µg/L)
<b>EX-1</b> (cont)	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
	3/14/2007	14.00	--	--	--	360	1.6	<0.50	8.8	1.8	1.7	<0.50	<0.50	<5.0	<0.50
	6/12/2007	15.34	--	--	--	240	1.1	<0.50	6.0	1.4	4.3	<0.50	<0.50	<5.0	<0.50
	8/1/2007	15.89	--	--	--	410	2.5	<0.15	4.2	0.92	3.6	<0.12	<0.13	<6.9	<0.17
	10/24/2007	16.37	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/2007	16.49	--	--	--	260	2.4	<0.15	4.5	0.57	46	<0.12	<0.13	<6.9	<0.17
<b>VEAS-2</b>	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. Wellhead elevations resurveyed on January 30, 2002.

**Explanations:**

- msl = mean seal level
- (mg/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.
- \* = Depth to groundwater measurements from date of coordinated sampling event 10/24/2007.

## **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 an 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. Street  
Hayward, CA  
Recorded By: Todd Shelton

Date: 11/11/07  
Project No: RPMS-0877  
Weather: Overcast 70°

Well No.	Time	Depth to Groundwater	Measured Total Depth	Diameter	Total Volume	Depth to Product	Product Description	Comments
MW-1	11:25	15.53	30.00	4	28.0			
MW-1A	12:57	16.34	30.00	2	8.0			Strong Hydro odor, seen on Pige water
MW-3	12:41	16.51	34.00	4	36.0			
MW-4	11:53	16.07	30.00	4	27.0			Hydrocarbon odor (strong)
MW-5	10:55	15.68	30.00	4	28.0			
MW-6	10:20	15.97	30.00	4	27.0			Fairly Strong Hydro odor
MW-7			30.00	2	NONE			Dog Didn't want me on property
MW-11				4	NONE			Truck Parked on Well
MW-12	9:45	17.14	30.00	2	6.0			
MW-14			30.00	2	NONE			* See notes MWSR
EX-1	12:40	16.49	34.00	6	77.0			Slight Hydrocarbon odor

Notes:

Waste: Drums 11 Date 11/11/07 Contents Purge Water/ Decon Water





SAMPLING INFORMATION SHEET

Well No. MW-1 Project Name Hayward Client PPMS-0877

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

Date Sampled 11/11/07

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

DTW (below top of casing) 15.53 ft Time: 11:25

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA 28

Time	Temperature (F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
<del>11:30</del>					Initial
11:35	68.1	6.04	1310		9.0
11:40	68.0	6.02	1303		18.0
11:45	67.0	6.02	1310		28.0

Comments: \* Missed Initial Reading

Sample Time → 11:48

Transportation (thermal preservation) All Samples iced in field

Form Completed By Todd Shelton Sampled By [Signature]



SAMPLING INFORMATION SHEET

Well No. MW-1A Project Name Hayward Client RPMS-0877

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

Date Sampled 11/11/07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 16.34 ft. Time: 12:57

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

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)
1:00	69.7	6.98	737		Initial
1:06	69.4	7.02	712		2.0
1:12	69.2	6.96	697		5.0
1:18	69.3	6.98	703		8.0

Comments: Strong Hydrocarbon odor  
Seen noticed ~~to~~ PN purge water

Sample Time 1:23

Transportation (thermal preservation) All Samples iced in field

Form Completed By Todd Shelton Sampled By [Signature]



SAMPLING INFORMATION SHEET

Well No. MW-3 Project Name Hayward Client RAMS-0877

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

Date Sampled 11/11/07

Well Depth 31.00 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 16.51 ft Time: 12:41

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

36

Time	Temperature (°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
1:58	68.2	6.59	1112		Initial
2:03	67.8	6.57	1123		12.0
2:08	67.7	6.60	1127		24.0
2:14	67.7	6.60	1134		36.0

Comments:

Sample Time 2:20

Transportation (thermal preservation)

All Samples iced in field

Form Completed By

Bob Shelton

Sampled By

[Signature]



SAMPLING INFORMATION SHEET

Well No. MW-4 Project Name Hayward Client RAMS-0877

Location (address) 525 W. A St. Hayward CA

Date Sampled 11/11/07

Well Depth 30.0 ft below top of casing Casing diameter 4 inches

DTW (below top of casing) 16.07 ft Time: 11:58

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

27

Time	Temperature (°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
12:10	67.7	6.58	1247		Initial
12:15	66.8	6.57	1213		9.0
12:20	66.7	6.58	1192		18.0
12:25	66.7	6.60	1198		27.0

Comments: Hydrocarbon odor. (Fairly strong)

Sample time 12:30

Transportation (thermal preservation) All samples iced in field

Form Completed By Todd Skelton Sampled By [Signature]



SAMPLING INFORMATION SHEET

Well No. MW 5 Project Name Hayward Client RMS-0877

Location (address) 525 W 1st St. Hayward, CA

Date Sampled 11/11/07

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

DTW (below top of casing) 15.68 ft. Time: 10:55

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA 28

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
11:00	68.5	6.05	1298		Initial
11:05	68.6	6.05	1290		9.0
11:10	68.4	6.05	1288		18.0
11:15	68.2	6.05	1290		28.0

Comments:

Sample Time 11:17

Transportation (thermal preservation) All Samples Iced in field

Form Completed By Bald Shelton Sampled By Bald Shelton



SAMPLING INFORMATION SHEET

Well No. MW-6 Project Name Hayward Client RPMS-0877

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

Date Sampled 11/11/07

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

DTW (below top of casing) 15.97 ft. Time: 10:20

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

27

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
10:25	68.7	5.95	1294		Initial
10:30	68.9	6.11	1286		9.0
10:35	69.3	6.12	1280		18.0
10:40	69.4	6.15	1276		27.0

Comments: Fairly strong Hydrocarbon odor

Sample Time 10:43

Transportation (thermal preservation) All samples iced in field

Form Completed By Todd Shelton Sampled By [Signature]



Well No. MW-7 Project Name Hayward Client RPMS-0877  
 Location (address) 505 West A. Street, Hayward, CA  
 Date ~~Sample~~ 11, 11, 07  
 Well Depth 30.00 ft below top of casing Casing diameter 2 inches  
 DTW (below top of casing) \_\_\_\_\_ ft. Time: \_\_\_\_\_  
 DTP \_\_\_\_\_ ft.  
 Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_  
 Sampling Method:  Disposable bailer  Sampling port Samples collected NONE

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)

Comments: I was not able get the DTW Reading, There was a dog tied up next to the well that started growling AS I Approached

Transportation(thermal preservation) \_\_\_\_\_  
 Form Completed By Todd Shelton Sampled By \_\_\_\_\_





Well No. MW-11 Project Name Hayward Client RAMS-0877

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

Date ~~11/11/07~~ 11/11/07

Well Depth \_\_\_\_\_ ft below top of casing Casing diameter 4 inches

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

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

**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)

Comments: There is a Truck parked on Top of well.

\_\_\_\_\_

\_\_\_\_\_

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

Form Completed By Toad Shelton Sampled By \_\_\_\_\_



SAMPLING INFORMATION SHEET

Well No. MW-12 Project Name Hayward Client EPMS-0877

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

Date Sampled 11/11/07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 17.14 ft. Time: 9:45

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature (°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
9:50	65.7	6.69	801		Initial
9:53	66.2	6.37	762		2.0
9:56	66.5	6.22	778		4.0
9:59	66.8	6.19	787		6.0

Comments:

Sample Time 10:01

Transportation (thermal preservation) All samples iced in field

Form Completed By Tom Shebron Sampled By [Signature]



Well No. MW-14 Project Name Hayward Client RPMS-0877

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

Date ~~11/11/07~~ 11/11/07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) \_\_\_\_\_ ft. Time: 10:10

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected NONE

**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)

Comments: There were cars parked on both sides of the road and there was no place to park the work truck ~~and~~ to safely sample this well. The road was too narrow

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

Form Completed By Todd Skelton Sampled By \_\_\_\_\_

The well is in the middle of the east bound lane on a two lane road. There were cars parked on both sides of the road, and there usually isn't if I was to block off some of the road it make traffic problem. There would not be enough room for cars to travel freely



SAMPLING INFORMATION SHEET

Well No. EX-1 Project Name Hayward Client RPMS-0877

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

Date Sampled 11/11/07

Well Depth 34.00 ft below top of casing Casing diameter 6 inches

DTW (below top of casing) 16.49 ft. Time: 12:40

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA 77

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
12:50	68.5	6.67	1104		Initial
1:05	68.1	6.69	1118		24.0
1:20	67.9	6.68	1122		52.0
1:35	67.9	6.68	1123		77.0

Comments: Slight hydrocarbon odor

Sample Time 1:40

Transportation (thermal preservation) All samples iced in field

Form Completed By Todd Shelton Sampled By Todd Shelton

12:20

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

Project Address: 525 West A Street  
Hayward, CA  
Recorded By: Todd Shelton

Date: 10/24/07  
Project No: RPM5-0877  
Weather: pt Cloudy. 76° NO WIND

Well No.	Time	Depth to Groundwater	Measured Total Depth	Diameter	Total Volume	Depth to Product	Product Description	Comments
MW-1	2:10	15.51	30.00	4	28.0			
MW-1A	3:15	16.31	30.00	4	8.0			strong Hydro odor, steam on purge water
MW-3	3:18	16.48	34.00	4	35.0			
MW-4	12:10	16.07	30.00	4	27.0			Hydrocarbon odor
MW-5	1:23	15.64	30.00	4	28.0			Slight Hydro odor
MW-6	12:45	15.96	30.00	4	28.0			strong Hydrocarbon odor
MW-7	11:25	16.43	30.00	2	6.0			Hydro odor
MW-11	-	-	-	-	-			Blocked by parked car
MW-12	10:16	17.17	30.00	2	6.0			
MW-14	10:50	16.89	30.00	2	6.0			
EX-1	3:17	16.37	34.00	6	76.0			Slight Hydro odor

Notes:

Waste: 11 Drums Date: 10/24/07 Contents: purge/Decom water

1007



SAMPLING INFORMATION SHEET

Well No. MW-1 Project Name Hayward Client RMS-0877

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

Date Sampled 10/24/07

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

DTW (below top of casing) 15.51 ft Time: 2:10

DTP ft

Purging Method: [X] Submersible pump [ ] Bailer [ ] Centrifugal pump [ ] Other

Sampling Method: [X] Disposable bailer [ ] Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA 28

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
2:15	69.5	6.16	1296		Initial
2:20	68.6	6.18	1288		9.0
2:25	68.1	6.09	1293		18.0
2:30	67.9	6.11	1308		28.0

Comments:

Sample Time -> 2:38

Transportation (thermal preservation) All samples iced in field

Form Completed By Todd Shelton Sampled By [Signature]



SAMPLING INFORMATION SI

Well No. MW-1A Project Name Hayward Client RPMS-0877

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

Date Sampled 10/24/07

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

DTW (below top of casing) 16.31 ft. Time: 3:15

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

8

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
3:20	69.8	7.08	746		Initial
3:25	69.5	7.01	729		2.0
3:30	69.5	6.96	725		5.0
3:35	69.5	7.00	719		8.0

Comments: Very Strong Hydrocarbon odor w/ swirls of sheen on purge water. pink/green/blueish colors

Sample Time → 3:43

Transportation (thermal preservation) All Samples iced in Field

Form Completed By Todd Shelton Sampled By Joel Stiles



SAMPLING INFORMATION SHEET

Well No. MW-3 Project Name Hayward Client RPMS-0877  
 Location (address) 525 West A St. Hayward, CA  
 Date Sampled 10,24,07  
 Well Depth 34.00 ft below top of casing Casing diameter 4 inches  
 DTW (below top of casing) 16.48 ft. Time: 3:18  
 DTP \_\_\_\_\_ ft.  
 Purging Method:  Submersible pump  Bailer  Centrifugal pump  Other \_\_\_\_\_  
 Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA 35

Time	Temperature (°F)	pH units	Conductance (umhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
3:45	68.0	6.61	1106		Initial
3:50	67.5	6.59	1132		12.0
3:55	67.4	6.59	1128		24.0
4:00	67.2	6.60	1137		35.0

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

Sample Time → 4:10

Transportation (thermal preservation) All Samples Iced in Field  
 Form Completed By Todd Shelton Sampled By Todd Shelton





SAMPLING INFORMATION SHEET

Well No. MW-7 Project Name Hayward Client RPMS-0877

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

Date Sampled 10/24/07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 16.43 ft. Time: 11:25

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

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)
11:35	68.8	6.48	1027		Initial
11:38	67.0	6.52	1002		2.0
11:41	66.8	6.50	989		4.0
11:44	66.8	6.51	990		6.0

Comments: Hydrocarbon odor

Sample Time = 11:50

Transportation (thermal preservation) All Samples Iced in Field

Form Completed By Todd Shelton Sampled By Todd Shelton



**Delta**  
Environmental  
Consultants, Inc.

SAMPLING INFORMATION SI

Well No. MW-11 Project Name Hayward Client RPMS-0871

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

Date 10, 24, 07

Well Depth \_\_\_\_\_ ft below top of casing Casing diameter \_\_\_\_\_ inches

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

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected NONE

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)

Comments: Car parked over well. I left my card & a note asking them to call me so I can schedule the next site visit to have them move the car away from well

Transportation(thermal preservation)

Form Completed By Todd Shelton Sampled By \_\_\_\_\_



SAMPLING INFORMATION SI

Well No. MW-12 Project Name Hayward Client RMS-0877

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

Date Sampled 10, 24, 07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 17.17 ft. Time: 10:16

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature (°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
10:20	65.8	6.73	837		Initial
10:23	65.3	6.66	815		2.0
10:26	65.3	6.53	822		4.0
10:29	65.1	6.49	828		6.0

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

Sample Time ⇒ 10:35

Transportation (thermal preservation) All Samples iced in field

Form Completed By Todd Shelton Sampled By [Signature]



SAMPLING INFORMATION SHEET

Well No. MW-14 Project Name Hayward Client RAMS-0877

Location (address) 525 West A Street, Hayward, CA

Date Sampled 10/24/07

Well Depth 30.00 ft below top of casing Casing diameter 2 inches

DTW (below top of casing) 16.89 ft Time: 10:50

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature (°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
11:00	68.8	6.72	1027		Initial
11:03	68.5	6.67	1010		2.0
11:06	68.2	6.63	992		4.0
11:09	67.9	6.59	986		6.0

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

\_\_\_\_\_

Sample Time → 11:15

Transportation (thermal preservation) All Samples Iced in Field

Form Completed By Todd Shelton Sampled By [Signature]



SAMPLING INFORMATION SI

Well No. EX-1 Project Name Hayward Client RPMS-0877

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

Date Sampled 10/24/07

Well Depth 34.00 ft below top of casing Casing diameter 6 inches

DTW (below top of casing) 16.37 ft. Time: 3:17

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

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

Sampling Method:  Disposable bailer  Sampling port Samples collected 6

GROUND WATER EVACUATION/STABILIZATION DATA

Time	Temperature(°F)	pH units	Conductance (µmhos/cm)	DTW (Nearest 0.01 ft)	Cumulative Volume of Water Removed From Well (gallons)
4:25	68.8	6.59	1096		Initial
4:40	68.0	6.58	1113		26.0
4:55	67.8	6.58	1117		51.0
5:10	67.9	6.57	1121		76.0

Comments: Slight Hydrocarbon odor coming from purge water @ the well

Sample Time 5:20

Transportation(thermal preservation) All Samples iced in Field

Form Completed By Todd Shelton Sampled By [Signature]

**ENCLOSURE C**

Analytical Laboratory Report and Chain of Custody  
Documentation



1241 Bellevue Street, Suite 9  
Green Bay, WI 54302  
920-469-2436, Fax: 920-469-8827

**Analytical Report Number: 891058**

Client: DELTA CONSULTANTS  
Project Name: HAYWARD  
Project Number: RPMS-0877

Lab Contact: Kang Sha Khang  
Collected By: TODD SHELTON  
Report Serial No: 891058112120071405

Lab Sample Number	Field ID	Matrix	Collection Date
891058-001	MW-1	WATER	11/11/07 11:48
891058-002	MW-1A	WATER	11/11/07 13:23
891058-003	MW-3	WATER	11/11/07 14:20
891058-004	MW-4	WATER	11/11/07 12:30
891058-005	MW-5	WATER	11/11/07 11:17
891058-006	MW-6	WATER	11/11/07 10:43
891058-007	MW-12	WATER	11/11/07 10:01
891058-008	EX-1	WATER	11/11/07 13:40
891058-009	TRIP BLANK	WATER	11/11/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

**REPORT OF LABORATORY ANALYSIS**

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



*Kang Sha Khang*  
Approval Signature

11/26/07  
Date

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-1

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-001

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 8:57 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	97	0.25	1.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.24	0.24	2.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Ethylbenzene	120	0.34	1.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.25	0.25	4.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.33	0.33	4.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 14	14	50	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.31	0.31	2.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Toluene	0.77	J 0.30	1.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
Xylene, Total	4.3	0.67	2.0	2	ug/L		11/20/07 8:57 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	100	64	132	2	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	92	73	127	2	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	2	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/20/07 10:29 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	4100	40	100	1	ug/L		11/20/07 10:29 PM	SW846 5030B	SW846 M8015



**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-1A

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-002

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 7:47 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	1.2	0.12	0.50	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Ethylbenzene	150	0.17	0.50	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	120	0.15	1.0	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Toluene	0.61	0.15	0.50	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
Xylene, Total	< 0.34	0.34	1.0	1	ug/L		11/20/07 7:47 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	106	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/20/07 10:54 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	3900	40	100	1	ug/L		11/20/07 10:54 PM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-3

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-003

<b>BTEX + MTBE + OXY5 - CALIFORNIA</b>						Prep Date/Time: 11/20/07 8:10 PM		Anl By: TLT	
Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	1.3	0.12	0.50	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Ethylbenzene	20	0.17	0.50	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.15	0.15	1.0	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Toluene	< 0.15	0.15	0.50	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
Xylene, Total	2.1	0.34	1.0	1	ug/L		11/20/07 8:10 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	100	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	91	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

<b>TPH - GASOLINE</b>						Prep Date/Time: 11/20/07 8:21 PM		Anl By: PMS	
Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	990	40	100	1	ug/L		11/20/07 8:21 PM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-4

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-004

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 9:21 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	100	0.25	1.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.24	0.24	2.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Ethylbenzene	150	0.34	1.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.25	0.25	4.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.33	0.33	4.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
i-Butyl alcohol (TBA)	< 14	14	50	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.31	0.31	2.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Toluene	8.5	0.30	1.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
Xylene, Total	130	0.67	2.0	2	ug/L		11/20/07 9:21 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	101	64	132	2	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	94	73	127	2	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	2	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/21/07 1:52 AM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	2400	40	100	1	ug/L		11/21/07 1:52 AM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-5

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-005

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 5:50 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	1.7	0.12	0.50	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Ethylbenzene	4.7	0.17	0.50	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.15	0.15	1.0	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Toluene	0.50	0.15	0.50	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
Xylene, Total	0.39	J 0.34	1.0	1	ug/L		11/20/07 5:50 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	100	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	106	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/20/07 11:19 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	1200	40	100	1	ug/L		11/20/07 11:19 PM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-6

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-006

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 8:34 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	1.0	0.12	0.50	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Ethylbenzene	1.5	0.17	0.50	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	120	0.15	1.0	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Toluene	0.34	J 0.15	0.50	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
Xylene, Total	1.0	0.34	1.0	1	ug/L		11/20/07 8:34 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	102	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/20/07 11:45 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	1200	40	100	1	ug/L		11/20/07 11:45 PM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : MW-12

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-007

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 6:14 PM    Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	< 0.12	0.12	0.50	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Ethylbenzene	< 0.17	0.17	0.50	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Ethyl(terti)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.15	0.15	1.0	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Toluene	< 0.15	0.15	0.50	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
Xylene, Total	< 0.34	0.34	1.0	1	ug/L		11/20/07 6:14 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	98	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	91	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/21/07 12:10 AM    Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	47	J 40	100	1	ug/L		11/21/07 12:10 AM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : EX-1

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-008

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 6:37 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	2.4	0.12	0.50	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Ethylbenzene	4.5	0.17	0.50	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	46	0.15	1.0	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Toluene	< 0.15	0.15	0.50	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
Xylene, Total	0.57	J 0.34	1.0	1	ug/L		11/20/07 6:37 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	99	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	91	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	106	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/21/07 12:36 AM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	260	40	100	1	ug/L		11/21/07 12:36 AM	SW846 5030B	SW846 M8015

**Pace Analytical  
Services, Inc.**

**Analytical Report Number: 891058**

1241 Bellevue Street  
Green Bay, WI 54302  
920-469-2436

Client : DELTA CONSULTANTS  
Project Name : HAYWARD  
Project Number : RPMS-0877  
Field ID : TRIP BLANK

Matrix Type : WATER  
Collection Date : 11/11/07  
Report Date : 11/21/07  
Lab Sample Number : 891058-009

**BTEX + MTBE + OXY5 - CALIFORNIA**

Prep Date/Time: 11/20/07 2:43 PM Anl By: TLT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Benzene	< 0.12	0.12	0.50	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Diisopropyl Ether	< 0.12	0.12	1.0	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Ethylbenzene	< 0.17	0.17	0.50	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Ethyl(tert)butylether (ETBE)	< 0.13	0.13	2.0	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Tertiaryamylmethylether (TAME)	< 0.17	0.17	2.0	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
t-Butyl alcohol (TBA)	< 6.9	6.9	25	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.15	0.15	1.0	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Toluene	< 0.15	0.15	0.50	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
Xylene, Total	< 0.34	0.34	1.0	1	ug/L		11/20/07 2:43 PM	SW 5030B	SW846 8260B
<b>Surrogate</b>		<b>LCL</b>	<b>UCL</b>						
4-Bromofluorobenzene	97	64	132	1	%		11/20/07	SW 5030B	SW846 8260B
Toluene-d8	93	73	127	1	%		11/20/07	SW 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%		11/20/07	SW 5030B	SW846 8260B

**TPH - GASOLINE**

Prep Date/Time: 11/21/07 1:01 AM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
TPH - Gasoline	52	J 40	100	1	ug/L		11/21/07 1:01 AM	SW846 5030B	SW846 M8015



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Lab Number	TestGroupID	Field ID	Comment
891058-001	TPHGAS-W	MW-1	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-002	TPHGAS-W	MW-1A	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-003	TPHGAS-W	MW-3	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-004	TPHGAS-W	MW-4	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-005	TPHGAS-W	MW-5	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-006	TPHGAS-W	MW-6	Sample exhibits hydrocarbon pattern resembling gasoline.
891058-008	TPHGAS-W	EX-1	Sample exhibits hydrocarbon pattern resembling gasoline.

## Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	891058-001	891058-002	891058-003	891058-004	891058-005	891058-006	891058-007	891058-008	891058-009
BTEX + MTBE + OXY5 - CALIFORNIA	G	G	G	G	G	G	G	G	G
TPH - GASOLINE	G	G	G	G	G	G	G	G	G

Code	CA Certification
G	CA-06247CA

Batch: 891058  
Lab Section: GAS  
QC Batch Number: 26804  
Prep Method: SW846 5030B  
Analytical Method: SW846 M8015B

QC Type	Client Sample ID	Lab Sample ID
MB	GG2322-87MB	GG2322-87MB
LCS	GG2322-87MBLCS	GG2322-87MBLCS
LCSD	GG2322-87MBLCSD	GG2322-87MBLCSD
MS	MW-3MS	891058-003MS
MSD	MW-3MSD	891058-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-1	891058-001	MB	MW-1A	891058-002	MB
MW-3	891058-003	MB	MW-4	891058-004	MB
MW-5	891058-005	MB	MW-6	891058-006	MB
MW-12	891058-007	MB	EX-1	891058-008	MB
TRIP BLANK	891058-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
TPH - Gasoline	<	40	1000.0	1024.3	102	1000.0	1031	103	0.7	85	117	20	891058-003	991.13	1000.0	1924.9	93	1000.0	2011.8	102	4.4	71	120	20			

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/21/2007

QC Batch Number: 26804

Batch: 891058  
Lab Section: VOA  
QC Batch Number: 26738  
Prep Method: SW 5030B  
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	VOG2341-51MB	VOG2341-51MB
LCS	VOG2341-51LCS	VOG2341-51LCS
LCSD	VOG2341-51LCSD	VOG2341-51LCSD
MS	891057-001MS	891057-001MS
MSD	891057-001MSD	891057-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-1	891058-001	MB	MW-1A	891058-002	MB
MW-3	891058-003	MB	MW-4	891058-004	MB
MW-5	891058-005	MB	MW-6	891058-006	MB
MW-12	891058-007	MB	EX-1	891058-008	MB
TRIP BLANK	891058-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			LCS Conc	%	C		LCSD Conc	%	C		LCL %	UCL %	RPD %				MS Conc	%	C		MSD Conc	%	C		LCL %	UCL %	RPD %
Diisopropyl Ether	< 0.76	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ethyl(tert)butylether (ETBE)	< 0.15	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tertiaryamylmethylether (TA)	< 0.13	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
t-Butyl alcohol (TBA)	< 7.3	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Methyl-tert-butyl-ether	< 0.61	0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Benzene	< 0.41	50.0	55.5	111	---	50.0	55.6	111	0.1	75	125	20	891057-001	< 0.12	50.0	54.7	109	50.0	54.3	109	0.6	70	130	30	---	---	---
Ethylbenzene	< 0.54	50.0	58	116	---	50.0	58.1	116	0.1	75	125	20	891057-001	< 0.17	50.0	56.7	113	50.0	56.5	113	0.4	70	136	30	---	---	---
Toluene	< 0.67	50.0	53.6	107	---	50.0	53	106	1.0	75	125	20	891057-001	< 0.15	50.0	51.9	104	50.0	52.8	106	1.8	70	130	30	---	---	---
Xylene, Total	< 2.6	150.0	167.9	112	---	150.0	167	111	0.5	75	125	20	891057-001	< 0.34	150.0	164.2	109	150.0	162.6	108	1.0	70	130	30	---	---	---
4-Bromofluorobenzene	98%	---	---	101	---	---	---	101	---	64	132	---	891057-001	100%	---	---	101	---	---	103	---	64	132	---	---	---	---
Toluene-d8	92%	---	---	92	---	---	---	92	---	73	127	---	891057-001	91%	---	---	92	---	---	92	---	73	127	---	---	---	---
Dibromofluoromethane	103%	---	---	105	---	---	---	102	---	68	122	---	891057-001	102%	---	---	106	---	---	106	---	68	122	---	---	---	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/21/2007

QC Batch Number: 26738

## Sample Condition Upon Receipt



Client Name: DtHa Project # B9105B

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace Other \_\_\_\_\_

Tracking #: \_\_\_\_\_

Custody Seal on Cooler/Box Present:  yes  no Seals intact:  yes  no

Packing Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

Thermometer Used JB Type of Ice: Wet Blue None  Samples on ice, cooling process has begun

Cooler Temperature 0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 11/10/07 JB  
ckc 11/10/07

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.	
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.	
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.	
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.	
-Includes date/time/ID/Analysis Matrix: <u>W</u>			
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
exceptions: VOA, coliform, TOC, O&G, W-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed	Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.	
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.	<u>40ml<sup>B</sup> for UN-C, EX-1, &amp; TB</u>
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.	
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: \_\_\_\_\_ Field Data Required? Y / N

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

Project Manager Review: W Date: 11/26/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name: **Delta Consultants**  
 Branch/Location: **Rancho Cordova**  
 Project Contact: **Ken Bowen**  
 Phone: **800 477-7411**  
 Project Number: **RPMS-0877**  
 Project Name: **Hayward**  
 Project State: **CA**  
 Sampled By (Print): **Todd Shelton**  
 Sampled By (Sign): *[Signature]*



UPPER MIDWEST REGION  
 MN: 612-607-1700 WI: 920-469-2436

COC No. **025723**

**CHAIN OF CUSTODY**

Preservation Codes  
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH  
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #: \_\_\_\_\_  
 Mail To Contact: \_\_\_\_\_  
 Mail To Company: \_\_\_\_\_  
 Mail To Address: \_\_\_\_\_  
 Invoice To Contact: \_\_\_\_\_  
 Invoice To Company: \_\_\_\_\_  
 Invoice To Address: \_\_\_\_\_  
 Invoice To Phone: \_\_\_\_\_

Data Package Options (billable)  
 EPA Level III  
 EPA Level IV

MS/MSD  
 On your sample (billable)  
 NOT needed on your sample

Matrix Codes  
 A = Air W = Water  
 B = Biota DW = Drinking Water  
 C = Charcoal GW = Ground Water  
 D = DI SW = Surface Water  
 S = Soil WW = Waste Water  
 SI = Sludge YS = Yipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX	Analytes Requested	Y/N	Pick Letter	PRESERVATION (CODE)	Regulatory Program	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
		DATE	TIME									
001	MW-1	11/10/07	11:40	GW	5 CW, 4 MIBs	N	B				5-40 MIB	
002	MW-1A		1:23		TPH GAS	N	B				6-40 MIB	
003	MW-3		2:20			N	B					
004	MW-4		12:30									
005	MW-5		11:17									
006	MW-6		10:43									
007	MW-12		10:01									
008	EW-1		1:40									
009	Ship Blank	11/10/07	-	W							2-40 MIB	

Rush Turnaround Time Requested - Prelims  
 (Rush TAT subject to approval/surcharge)  
 Date Needed: \_\_\_\_\_

Transmit Prelim Rush Results by (complete what you want):

Relinquished By: **Todd Shelton** Date/Time: **11/15/07 5:00**  
 Relinquished By: **FED EX** Date/Time: **11/17/07 0900**  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: **FedEx Courier** Date/Time: **11/15/07 5:00**  
 Received By: **Shelton Buskey** Date/Time: **11/17/07 0900**  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

PACE Project No. **99105B**  
 Receipt Temp = \_\_\_\_\_ °C  
 Sample Receipt pH **NA**  
 Cooler Custody Seal **OK / Adjusted**  
 Present / Not Present  
 Intact / Not Intact

Version 8.0 06/14/06 ORIGINAL

**ENCLOSURE D**

Quality Tune-Ups Groundwater Sampling Results



## ANALYTICAL REPORT

Job Number: 720-11432-1

Job Description: Prime Properties Hayward

For:

Hydro Analysis

11100 San Pablo Avenue Suite 200-A

El Cerrito, CA 94530

Attention: Mr. Douglas Klingerman

*Melissa Brewer*

---

Melissa Brewer

Project Manager I

melissa.brewer@testamericainc.com

10/31/2007

cc: Gary Aquiar  
Randal Wilson

**TestAmerica Laboratories, Inc.**

TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566

Tel (925) 484-1919 Fax (925) 484-1096 [www.testamericainc.com](http://www.testamericainc.com)

**Job Narrative**  
**720-J11432-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 28044 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: Hydro Analysis

Job Number: 720-11432-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11432-1</b>	<b>MW-1</b>				
Ethylbenzene		660	5.0	ug/L	8260B
MTBE		31	5.0	ug/L	8260B
Toluene		6.3	5.0	ug/L	8260B
Xylenes, Total		250	10	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		12000	500	ug/L	8260B
<b>720-11432-2</b>	<b>MW-2</b>				
Benzene		50	2.5	ug/L	8260B
Ethylbenzene		57	2.5	ug/L	8260B
Toluene		3.4	2.5	ug/L	8260B
Xylenes, Total		13	5.0	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		6000	250	ug/L	8260B
<b>720-11432-3</b>	<b>MW-3</b>				
Ethylbenzene		0.57	0.50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		2600	50	ug/L	8260B
<b>720-11432-4</b>	<b>MW-4</b>				
MTBE		4.4	2.5	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		5200	250	ug/L	8260B
<b>720-11432-5</b>	<b>MW-5</b>				
Benzene		23	5.0	ug/L	8260B
Ethylbenzene		460	5.0	ug/L	8260B
Xylenes, Total		48	10	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		13000	500	ug/L	8260B
<b>720-11432-6</b>	<b>MW-6</b>				
Ethylbenzene		2200	25	ug/L	8260B
Xylenes, Total		180	50	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		23000	2500	ug/L	8260B
<b>720-11432-7</b>	<b>MW-7</b>				
Benzene		4.2	2.5	ug/L	8260B
Ethylbenzene		51	2.5	ug/L	8260B
MTBE		5.7	2.5	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		9800	250	ug/L	8260B

TestAmerica San Francisco

## EXECUTIVE SUMMARY - Detections

Client: Hydro Analysis

Job Number: 720-11432-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11432-8</b>	<b>MW-8</b>				
Benzene		28	2.5	ug/L	8260B
Ethylbenzene		130	2.5	ug/L	8260B
Xylenes, Total		7.1	5.0	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		14000	250	ug/L	8260B
<b>720-11432-9</b>	<b>MW-9</b>				
Benzene		69	2.5	ug/L	8260B
Ethylbenzene		11	2.5	ug/L	8260B
MTBE		2.8	2.5	ug/L	8260B
Toluene		3.0	2.5	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		11000	250	ug/L	8260B
<b>720-11432-10</b>	<b>MW-10</b>				
Ethylbenzene		10	2.5	ug/L	8260B
MTBE		53	2.5	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		1500	250	ug/L	8260B

## METHOD SUMMARY

Client: Hydro Analysis

Job Number: 720-11432-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: Hydro Analysis

Job Number: 720-11432-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11432-1	MW-1	Water	10/24/2007 1505	10/24/2007 1604
720-11432-2	MW-2	Water	10/24/2007 1424	10/24/2007 1604
720-11432-3	MW-3	Water	10/24/2007 1118	10/24/2007 1604
720-11432-4	MW-4	Water	10/24/2007 1330	10/24/2007 1604
720-11432-5	MW-5	Water	10/24/2007 1348	10/24/2007 1604
720-11432-6	MW-6	Water	10/24/2007 1401	10/24/2007 1604
720-11432-7	MW-7	Water	10/24/2007 1452	10/24/2007 1604
720-11432-8	MW-8	Water	10/24/2007 1440	10/24/2007 1604
720-11432-9	MW-9	Water	10/24/2007 1308	10/24/2007 1604
720-11432-10	MW-10	Water	10/24/2007 1254	10/24/2007 1604

**Analytical Data**

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-1

Lab Sample ID: 720-11432-1

Client Matrix: Water

Date Sampled: 10/24/2007 1505

Date Received: 10/24/2007 1604

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**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B

Analysis Batch: 720-27880

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 10

Initial Weight/Volume: 40 mL

Date Analyzed: 10/25/2007 2041

Final Weight/Volume: 40 mL

Date Prepared: 10/25/2007 2041

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		5.0
Ethylbenzene	660		5.0
MTBE	31		5.0
Toluene	6.3		5.0
Xylenes, Total	250		10
Gasoline Range Organics (GRO)-C5-C12	12000		500

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 121
1,2-Dichloroethane-d4 (Surr)	107	73 - 130

**Analytical Data**

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-2

Lab Sample ID: 720-11432-2

Client Matrix: Water

Date Sampled: 10/24/2007 1424

Date Received: 10/24/2007 1604

---

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1541

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1541

Analyte	Result (ug/L)	Qualifier	RL
Benzene	50		2.5
Ethylbenzene	57		2.5
MTBE	ND		2.5
Toluene	3.4		2.5
Xylenes, Total	13		5.0
Gasoline Range Organics (GRO)-C5-C12	6000		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 121
1,2-Dichloroethane-d4 (Surr)	107	73 - 130



**Analytical Data**

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-3

Lab Sample ID: 720-11432-3

Date Sampled: 10/24/2007 1118

Client Matrix: Water

Date Received: 10/24/2007 1604

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**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B

Analysis Batch: 720-27880

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 1.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/25/2007 2108

Final Weight/Volume: 40 mL

Date Prepared: 10/25/2007 2108

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	0.57		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	2600		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 121
1,2-Dichloroethane-d4 (Surr)	113	73 - 130

# Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-4

Lab Sample ID: 720-11432-4

Date Sampled: 10/24/2007 1330

Client Matrix: Water

Date Received: 10/24/2007 1604

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-27880

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/25/2007 1855

Final Weight/Volume: 40 mL

Date Prepared: 10/25/2007 1855

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		2.5
Ethylbenzene	ND		2.5
MTBE	4.4		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	5200		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 121
1,2-Dichloroethane-d4 (Surr)	109	73 - 130

# Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-5

Lab Sample ID: 720-11432-5

Client Matrix: Water

Date Sampled: 10/24/2007 1348

Date Received: 10/24/2007 1604

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
Preparation: 5030B  
Dilution: 10  
Date Analyzed: 10/30/2007 1608  
Date Prepared: 10/30/2007 1608

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\10  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	23		5.0
Ethylbenzene	460		5.0
MTBE	ND		5.0
Toluene	ND		5.0
Xylenes, Total	48		10
Gasoline Range Organics (GRO)-C5-C12	13000		500
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	112		77 - 121
1,2-Dichloroethane-d4 (Surr)	112		73 - 130

# Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-6

Lab Sample ID: 720-11432-6

Client Matrix: Water

Date Sampled: 10/24/2007 1401

Date Received: 10/24/2007 1604

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 50

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1634

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1634

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		25
Ethylbenzene	2200		25
MTBE	ND		25
Toluene	ND		25
Xylenes, Total	180		50
Gasoline Range Organics (GRO)-C5-C12	23000		2500

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	111	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

# Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-7

Lab Sample ID: 720-11432-7

Date Sampled: 10/24/2007 1452

Client Matrix: Water

Date Received: 10/24/2007 1604

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1821

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1821

Analyte	Result (ug/L)	Qualifier	RL
Benzene	4.2		2.5
Ethylbenzene	51		2.5
MTBE	5.7		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	9800		250
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	112		77 - 121
1,2-Dichloroethane-d4 (Surr)	121		73 - 130

**Analytical Data**

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-8

Lab Sample ID: 720-11432-8

Date Sampled: 10/24/2007 1440

Client Matrix: Water

Date Received: 10/24/2007 1604

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**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1848

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1848

Analyte	Result (ug/L)	Qualifier	RL
Benzene	28		2.5
Ethylbenzene	130		2.5
MTBE	ND		2.5
Toluene	ND		2.5
Xylenes, Total	7.1		5.0
Gasoline Range Organics (GRO)-C5-C12	14000		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	113	77 - 121
1,2-Dichloroethane-d4 (Surr)	112	73 - 130

# Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

Client Sample ID: MW-9

Lab Sample ID: 720-11432-9

Date Sampled: 10/24/2007 1308

Client Matrix: Water

Date Received: 10/24/2007 1604

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1915

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1915

Analyte	Result (ug/L)	Qualifier	RL
Benzene	69		2.5
Ethylbenzene	11		2.5
MTBE	2.8		2.5
Toluene	3.0		2.5
Xylenes, Total	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	11000		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	109	77 - 121
1,2-Dichloroethane-d4 (Surr)	121	73 - 130

## Analytical Data

Client: Hydro Analysis

Job Number: 720-11432-1

**Client Sample ID: MW-10**

Lab Sample ID: 720-11432-10

Date Sampled: 10/24/2007 1254

Client Matrix: Water

Date Received: 10/24/2007 1604

### 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-28044

Instrument ID: Saturn 3900B

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 5.0

Initial Weight/Volume: 40 mL

Date Analyzed: 10/30/2007 1941

Final Weight/Volume: 40 mL

Date Prepared: 10/30/2007 1941

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		2.5
Ethylbenzene	10		2.5
MTBE	53		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
Gasoline Range Organics (GRO)-C5-C12	1500		250
Surrogate	%Rec	Acceptance Limits	
Toluene-d8 (Surr)	109	77 - 121	
1,2-Dichloroethane-d4 (Surr)	107	73 - 130	



## DATA REPORTING QUALIFIERS

Client: Hydro Analysis

Job Number: 720-11432-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA	F	RPD of the MS and MSD exceeds the control limits

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-27880</b>					
LCS 720-27880/3	Lab Control Spike	T	Water	8260B	
LCSD 720-27880/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-27880/4	Method Blank	T	Water	8260B	
720-11432-1	MW-1	T	Water	8260B	
720-11432-3	MW-3	T	Water	8260B	
720-11432-4	MW-4	T	Water	8260B	
720-11432-4MS	Matrix Spike	T	Water	8260B	
720-11432-4MSD	Matrix Spike Duplicate	T	Water	8260B	
<b>Analysis Batch:720-28044</b>					
LCS 720-28044/5	Lab Control Spike	T	Water	8260B	
LCSD 720-28044/4	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-28044/6	Method Blank	T	Water	8260B	
720-11432-2	MW-2	T	Water	8260B	
720-11432-5	MW-5	T	Water	8260B	
720-11432-6	MW-6	T	Water	8260B	
720-11432-6MS	Matrix Spike	T	Water	8260B	
720-11432-6MSD	Matrix Spike Duplicate	T	Water	8260B	
720-11432-7	MW-7	T	Water	8260B	
720-11432-8	MW-8	T	Water	8260B	
720-11432-9	MW-9	T	Water	8260B	
720-11432-10	MW-10	T	Water	8260B	

**Report Basis**

T = Total

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

### Method Blank - Batch: 720-27880

Method: 8260B  
Preparation: 5030B

Lab Sample ID: MB 720-27880/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/25/2007 1209  
Date Prepared: 10/25/2007 1209

Analysis Batch: 720-27880  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\1010  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	108	77 - 121
1,2-Dichloroethane-d4 (Surr)	109	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27880**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27880/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/25/2007 1251  
Date Prepared: 10/25/2007 1251

Analysis Batch: 720-27880  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\102  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-27880/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/25/2007 1115  
Date Prepared: 10/25/2007 1115

Analysis Batch: 720-27880  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\102  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	96	96	69 - 129	1	20		
MTBE	100	102	65 - 165	2	20		
Toluene	96	96	70 - 130	0	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	109		110		77 - 121		
1,2-Dichloroethane-d4 (Surr)	109		117		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-27880**

**Method: 8260B  
Preparation: 5030B**

MS Lab Sample ID: 720-11432-4  
Client Matrix: Water  
Dilution: 5.0  
Date Analyzed: 10/25/2007 1921  
Date Prepared: 10/25/2007 1921

Analysis Batch: 720-27880  
Prep Batch: N/A

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 720-11432-4  
Client Matrix: Water  
Dilution: 5.0  
Date Analyzed: 10/25/2007 1948  
Date Prepared: 10/25/2007 1948

Analysis Batch: 720-27880  
Prep Batch: N/A

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	113	107	69 - 129	5	20		
MTBE	137	109	65 - 165	19	20		
Toluene	115	104	70 - 130	10	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	112		113		77 - 121		
1,2-Dichloroethane-d4 (Surr)	118		116		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

# Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

**Method Blank - Batch: 720-28044**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-28044/6  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1224  
Date Prepared: 10/30/2007 1224

Analysis Batch: 720-28044  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\111  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	107	77 - 121
1,2-Dichloroethane-d4 (Surr)	109	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-28044**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-28044/5  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1103  
Date Prepared: 10/30/2007 1103

Analysis Batch: 720-28044  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturmws\data\200710\103  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-28044/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1130  
Date Prepared: 10/30/2007 1130

Analysis Batch: 720-28044  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturmws\data\200710\103  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	105	114	69 - 129	8	20		
MTBE	106	115	65 - 165	8	20		
Toluene	105	114	70 - 130	9	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	114		111		77 - 121		
1,2-Dichloroethane-d4 (Surr)	114		121		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.

## Quality Control Results

Client: Hydro Analysis

Job Number: 720-11432-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-28044**

**Method: 8260B  
Preparation: 5030B**

MS Lab Sample ID: 720-11432-6  
Client Matrix: Water  
Dilution: 50  
Date Analyzed: 10/30/2007 1701  
Date Prepared: 10/30/2007 1701

Analysis Batch: 720-28044  
Prep Batch: N/A

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\1010  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 720-11432-6  
Client Matrix: Water  
Dilution: 50  
Date Analyzed: 10/30/2007 1727  
Date Prepared: 10/30/2007 1727

Analysis Batch: 720-28044  
Prep Batch: N/A

Instrument ID: Saturn 3900B  
Lab File ID: c:\saturnws\data\200710\1010  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	75	99	69 - 129	25	20		F
MTBE	91	131	65 - 165	37	20		F
Toluene	77	105	70 - 130	31	20		F
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	110		109		77 - 121		
1,2-Dichloroethane-d4 (Surr)	103		128		73 - 130		

Calculations are performed before rounding to avoid round-off errors in calculated results.



# 720-11432

## CHAIN OF CUSTODY RECORD

Page 1 of 1

107800

PROJECT NAME AND ADDRESS: <u>Prime Properties</u> <u>580 W. A STREET</u> <u>Hayward</u> <u>Global ID# T0600100023</u>					SAMPLER: (Signature) <u>Doug McViggin</u>					ANALYSIS REQUESTED <div style="display: flex; justify-content: space-around; font-size: small;"> <span>TPH-GW, BTEX</span> <span>PIT/B.E. W. P260</span> </div> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin: 10px auto; display: flex; align-items: center; justify-content: center;">                     5 day TAT                 </div> REMARKS									
HYDRO ANALYSIS, INC. 11100 San Pablo Ave., Suite 200-A El Cerrito, CA 94530 (510) 620-0891 (510) 620-0894 (FAX)					Log Code <u>HAIE</u> SAMPLE LOCATION														
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	SAMPLE LOCATION														
MW-1	10/24/07	15:05		X	Monitor Well # MW-1	X	X						X	3 HCl VOAS					
MW-2	10/24/07	14:24		X	" " # MW-2	X	X						X						
MW-3	10/24/07	11:18		X	" " # MW-3	X	X						X						
MW-4	10/24/07	13:30		X	" " # MW-4	X	X						X						
MW-5	10/24/07	13:48		X	" " # MW-5	X	X						X						
MW-6	10/24/07	14:01		X	" " # MW-6	X	X						X						
MW-7	10/24/07	14:52		X	" " # MW-7	X	X						X						
MW-8	10/24/07	14:40		X	" " # MW-8	X	X						X						
MW-9	10/24/07	13:08		X	" " # MW-9	X	X						X						
MW-10	10/24/07	12:54		X	" " # MW-10	X	X						X						
RELINQUISHED BY: (Signature) <u>Doug McViggin</u>					DATE <u>10/24/07</u> TIME <u>16:04</u>					RECEIVED BY: (Signature)					DATE TIME				
RELINQUISHED BY: (Signature)					DATE TIME					RECEIVED BY: (Signature)					DATE TIME				
RELINQUISHED BY: (Signature)					DATE TIME					RECEIVED BY: (Signature)					DATE TIME				
RELINQUISHED BY: (Signature)					DATE TIME					RECEIVED FOR LABORATORY BY: (Signature) <u>[Signature]</u>					DATE <u>10/24/07</u> TIME <u>16:04</u>				

Temp 4.7°C

## Login Sample Receipt Check List

Client: Hydro Analysis

Job Number: 720-11432-1

**Login Number: 11432**  
**Creator: Bullock, Tracy**  
**List Number: 1**

**List Source: TestAmerica San Francisco**

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

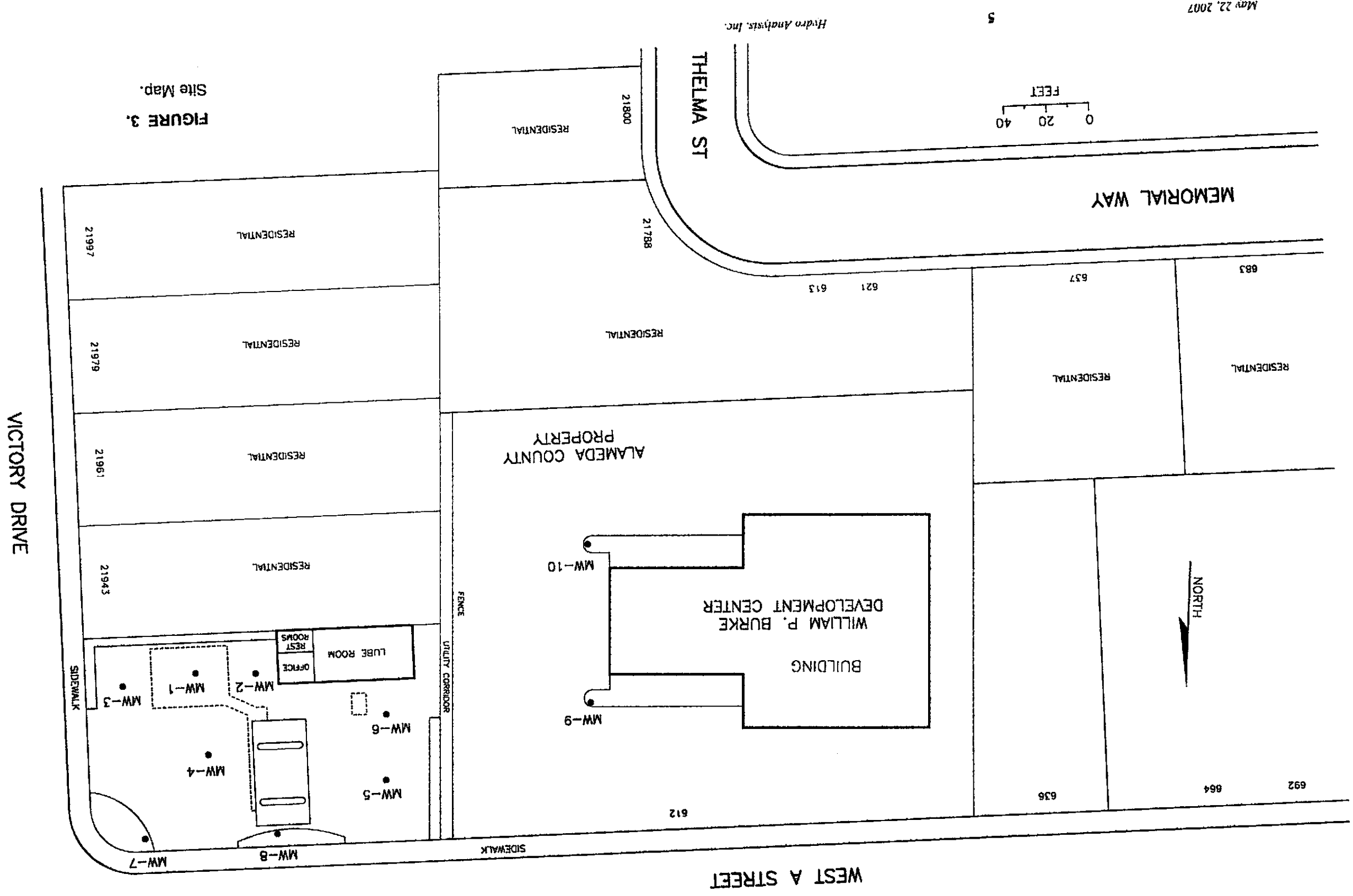


FIGURE 3. Site Map.