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Alameda County  
 Environmental Health  
 JAN 25 2006

**To:** Alameda County Health Care Services Agency  
 Environmental Health Service - Environmental Protection  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, California 94502-6577

**Date:** 1/20/2006  
**Job No:** SJ67-50S-1

**Attn:** Jerry Wickham

We are sending the following items:

Date	Copies	Description
18-Jan-06	1	Quarterly Groundwater Monitoring & Remediation Status Fourth Quarter 2005 Shell Service Station 6750 Santa Rita Road Pleasanton, California

These are transmitted:

- For your Information   
  For action specified below   
  For review and comment   
  For your use   
  As requested

**Copies to:** Denis Brown, Shell Oil Products US  
 Betty Graham, RWQCB, San Francisco Bay Region  
 Beverly Howell, GS Management (property owner rep), Pleasanton

**By:** Lena Martinez  
**Title:** Project Manager Assistant/LFR

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Alameda County  
JAN 23 2006  
Environmental Health

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Letter of Transmittal

To: Alameda County Health Care Services Agency Date: 1/19/2006  
 Environmental Health Service - Environmental Protection  
 1131 Harbor Bay Parkway, Suite 250 Job No: SJ67-50S-1  
 Alameda, California 94502-6577  
 Attn: Jerry Wickham

We are sending the following items:

Date	Copies	Description
18-Jan-06	1	Site Conceptual Model /Soil & Groundwater Investigation
		Shell Service Station
		6750 Santa Rita Road
		Pleasanton, California

These are transmitted:

- For your Information   
  For action specified below   
  For review and comment   
  For your use   
  As requested

Remarks

Copies to: Denis Brown, Shell Oil Products US By: Lena Martinez  
 Isabel Mejia, Shell Oil Products US, Carson Title: Project Manager Assistant/LFR

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January 18, 2006  
Project No. SJ67-50S-1

Mr. Jerry Wickham  
Alameda County Health Care Services Agency  
Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Alameda County  
JAN 25 2006  
Environmental Health

Re: **Quarterly Groundwater Monitoring and Remediation Status Report – Fourth Quarter 2005**  
**Shell Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, California**

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following fourth quarter 2005 groundwater monitoring, sampling, and remediation status report for the above referenced site. Groundwater sampling was performed by Blaine Tech Services (Blaine), at the direction of Delta. A site location map is included as Figure 1.

#### **QUARTERLY GROUND WATER MONITORING PROGRAM**

Groundwater monitoring Wells MW-1 through MW-5 were gauged and sampled by Blaine on October 20, 2005. Depth to groundwater was measured in Wells MW-1 through MW-5. Groundwater elevation data and contours are presented on Figure 2.

Groundwater samples were submitted by Blaine to Severn Trent Laboratories, Inc. in Pleasanton, California for analysis for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); and fuel oxygenates methyl tert-butyl ether (MTBE), and tert-butanol (TBA) using EPA Method 8260B. Benzene, MTBE, and TBA concentrations are presented on Figure 3.

Blaine's groundwater monitoring and sampling report, which includes historical and current groundwater elevation data, historical and current analytical results, and field data records for the current monitoring event, is included as Attachment A.

A member of:



## **PREVIOUS REMEDIATION SUMMARY**

Monthly batch extraction on Wells MW-2 and MW-3 was initiated during third quarter 2003, and continued through the fourth quarter 2003. Over the course of six months, the MTBE concentration in Well MW-3 was lowered from a historic high of 15,000 micrograms per liter (ug/l) to 9,800 ug/l. However, on average, less than 40 gallons of water could be extracted from each well during a two-hour period, and Delta/Shell did not continue monthly groundwater batch extractions during first quarter 2004.

Due to increasing MTBE groundwater concentrations during first and second quarter 2004, Delta/Shell initiated an extended groundwater batch extraction event during third quarter 2004 utilizing Wells MW-1, MW-2 and MW-3. Approximately 4,705 gallons of groundwater were extracted during a six-week period, and an overall decrease in concentrations was observed in site wells during the extraction activities indicating the successful mass removal of oxygenates.

Due to increasing MTBE groundwater concentrations again during fourth quarter 2004, Delta/Shell initiated a second extended groundwater batch extraction event during first quarter 2005 utilizing Well MW-2. Approximately 2,950 gallons of groundwater were extracted during a two week period, and the concentration of MTBE in Well MW-2 decreased from 5,200 ug/l to 1,300 ug/l. The total mass of MTBE removed from groundwater beneath the site through January 2005 was approximately 0.274 pounds.

## **DISCUSSION**

Depth to groundwater in Wells MW-1, MW-3, and MW-4 increased by an average of approximately 1 foot since last quarter, while depth to groundwater in Well MW-5 increased by only 0.22 feet. Depth to groundwater in Well MW-2 decreased by 0.07 feet since last quarter. With the exception of second quarter 2004, previous site data has indicated that the groundwater flow direction at the site varies from southeast to southwest. In the second quarter 2004 groundwater flow was to the northwest. The groundwater gradient on October 20, 2005 was toward the south at an average magnitude of 0.01 feet/foot. A rose diagram of historic groundwater flow directions is also included on Figure 2.

In fourth quarter 2005, MTBE continued to be detected in all on-site site Wells (MW-1 through MW-4). MTBE has decreased in site wells since last quarter to concentrations ranging from 39 ug/l in Well MW-1 to 2,500 ug/l in Well MW-2. The TBA concentration in Well MW-1 decreased to a non-detectable level for the first time since fourth quarter 2002. TBA decreased in Wells MW-2 and MW-3 to concentrations of 480 ug/l and 220 ug/l, respectively. TPH-G and BTEX compounds remain below the laboratory detection limits in all site wells. No fuel oxygenates or petroleum hydrocarbons were detected in the groundwater sample collected from off-site Well MW-5.

Delta is currently preparing a report documenting the results of an additional soil and groundwater investigation conducted at this site during November 2005.

## **GROUNDWATER EXTRACTION ACTIVITIES**

Due to increasing groundwater concentrations of MTBE and TBA, primarily detected in Wells MW-2 and Well MW-3, during the second and third quarter 2005, Delta/Shell initiated a third extended groundwater batch extraction event during fourth quarter 2005. Per an Alameda County Health Care Services Agency letter dated September 7, 2005, batch groundwater extraction is required at the site on a quarterly basis.

On September 26, 2005, a submersible pump was placed in Well MW-2 to extract groundwater. Extracted groundwater was piped to a 6,500-gallon Baker holding tank on-site. Between September 26 and October 7, 2005, an approximate total of 1,118 gallons of groundwater was extracted from Well MW-2 at an average flow rate of 0.25 gallons per minute during pumping activities. Following completion of the extraction event, groundwater in the holding tank was purged by a vac-truck operated by Philips Services Co. (PSC) and transported to the Shell refinery in Martinez, California for disposal. Discharge samples, collected periodically through out the extraction event, were analyzed for TPH-G, BTEX compounds, MTBE and TBA. Table 1 presents groundwater analytical data. Laboratory certified analytical reports and chain of custody documentation for the discharge samples are included as Attachment B.

Table 2 presents the total gallons extracted and mass removal estimates from the batch extraction activities. During the batch extraction, the MTBE concentration in Well MW-2 decreased by one half from an initial concentration of 2,600 ug/l on September 26, 2005 to 1,300 ug/l on October 7, 2005. The TBA concentration in Well MW-2 also decreased by approximately one half from an initial concentration of 280 ug/l on September 26, 2005 to 130 ug/l on October 7, 2005. The total mass of MTBE removed from groundwater beneath the site to date is approximately 0.292 pounds.

Delta/Shell will continue quarterly batch extraction activities and quarterly groundwater monitoring at the site. The batch extraction event for first quarter 2006 will commence in February.

#### **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. Please call if you have any questions regarding the contents of this report.

Should you have any questions or comments regarding this report, please do not hesitate to contact Debbie Arnold at (408) 826-1873.

Sincerely,  
**Delta Environmental Consultants, Inc.**



Heather Buckingham  
Senior Staff Geologist



Debbie Arnold  
Project Manager  
PG 7745



**Attachments:** Table 1 – Summary of Groundwater Analytical Data  
Table 2 – Groundwater Extraction – Mass Removal Data  
Figure 1 – Site Location and Well Survey Map  
Figure 2 – Groundwater Elevation Contour Map, October 20, 2005  
Figure 3 – Benzene, MTBE, and TBA Concentrations Map, October 20, 2005

Attachment A – Groundwater Monitoring and Sampling Report, November 7, 2005  
Attachment B – Laboratory Certified Analytical Reports and Chain-of-Custody  
Documentation for Discharge Samples

cc: Denis Brown, Shell Oil Products US  
Betty Graham, Regional Water Quality Control Board, San Francisco Bay Region  
Beverly Howell, GS Management (property owner rep), Pleasanton

**Table 1**  
**Summary of Groundwater Data**  
Shell-branded Service Station  
6750 Santa Rita Road  
Pleasanton, California

Well Designation	Sample Name	Date Sampled	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethly-benzene (ug/l)	Xylene (ug/l)	TBA (ug/l)	MTBE (ug/l)	
<b>MW-1</b>	<b>MW-1 5 GAL</b>	7/30/2004	<1000	<10	<10	<10	<10	<b>830</b>	<b>1,400</b>	
	<b>MW-1 125 GAL</b>	8/2/2004	<500	<5.0	<5.0	<5.0	<10	<b>910</b>	<b>840</b>	
	<b>MW-1</b>	8/5/2004	<500	<5.0	<5.0	<5.0	<10	<50	<b>770</b>	
	<b>MW-1</b>	8/11/2004	<500	<5.0	<5.0	<5.0	<10	<b>430</b>	<b>770</b>	
<b>Quarterly Sampling</b>	<b>MW-1</b>	4/6/2004	<1300	<13	<13	<13	<25	<b>3,500</b>	<b>3,300</b>	
		7/30/2004	<1300	<13	<13	<13	<25	<b>600</b>	<b>1,000</b>	
		10/7/2004	<250	<2.5	<2.5	<2.5	<5	<b>390</b>	<b>530</b>	
		1/26/2005	<250	<2.5	<2.5	<2.5	<5	<b>130</b>	<b>320</b>	
		4/14/2005	<150	<1.5	<1.5	<1.5	<1.5	<b>260</b>	<b>720</b>	
		7/29/2005	<50	<0.50	<0.50	<0.50	<1.0	<b>150</b>	<b>270</b>	
		10/20/2005	<250	<2.5	<2.5	<2.5	>5.0	<25	<b>39</b>	
<b>MW-2</b>	<b>MW-2 25 GAL</b>	7/20/2004	<2500	<25	<25	<25	<50	<b>3,500</b>	<b>3,500</b>	
	<b>MW-2 600 GAL</b>	7/23/2004	<2500	<25	<25	<25	<50	<b>3,100</b>	<b>3,300</b>	
	<b>MW-2 1300 GAL</b>	7/27/2004	<2500	<25	<25	<25	<50	<b>2,400</b>	<b>2,800</b>	
	<b>MW-2 1925 GAL</b>	7/30/2004	<2000	<20	<20	<20	<40	<b>2,100</b>	<b>2,000</b>	
	<b>MW-2 11 GAL</b>	1/18/2005	<2500	<25	<25	<25	<50	<b>4,000</b>	<b>5,200</b>	
	<b>MW-2 2950 GAL</b>	1/31/2005	<2500	<25	<25	<25	<50	<b>850</b>	<b>1,300</b>	
	<b>MW-2 50 GAL</b>	9/26/2005	<1000	<10	<10	<10	<20	<b>280</b>	<b>2,600</b>	
	<b>MW-2 475 GAL</b>	10/3/2005	<1000	<10	<10	<10	<20	<b>370</b>	<b>1,800</b>	
	<b>MW-2 1100 GAL</b>	10/7/2005	<500	<5.0	<5.0	<5.0	<10	<b>130</b>	<b>1,300</b>	
	<b>Quarterly Sampling</b>	<b>MW-2</b>	4/6/2004	<2000	<20	<20	<20	<40	<b>5,100</b>	<b>4,600</b>
			7/30/2004	<500	<5.0	<5.0	<5.0	<10	<b>950</b>	<b>1,000</b>
10/7/2004			<2500	<25	<25	<25	<50	<b>6,500</b>	<b>6,300</b>	
1/26/2005			<1300	<13	<13	<13	<25	<b>2,300</b>	<b>2,100</b>	
4/14/2005			<500	<5.0	<5.0	<5.0	<5.0	<b>1,100</b>	<b>2,400</b>	
7/29/2005			<2500	<25	<25	<25	<50	<b>1,500</b>	<b>3,900</b>	
10/20/2005			<2500	<25	<25	<25	<50	<b>480</b>	<b>2,500</b>	
<b>MW-3</b>	<b>MW-3 @ 30 GAL</b>	9/2/2004	<1300	<13	<13	<13	<25	<b>1,700</b>	<b>2,000</b>	
	<b>MW-3 @ 250 GAL</b>	9/3/2004	<1300	<13	<13	<13	<25	<b>1,600</b>	<b>2,600</b>	
	<b>MW-3 @ 2300 GAL</b>	9/7/2004	<1000	<10	<10	<10	<20	<b>1,700</b>	<b>2,600</b>	
	<b>MW-3 END</b>	9/10/2004	<1000	<10	<10	<10	<20	<b>1,600</b>	<b>3,600</b>	
<b>Quarterly Sampling</b>	<b>MW-3</b>	4/6/2004	<5000	<50	<50	<50	<100	<b>2,100</b>	<b>4,200</b>	
		7/30/2004	<2500	<25	<25	<25	<50	<b>1,200</b>	<b>3,000</b>	
		10/7/2004	<1000	<10	<10	<10	<20	<b>320</b>	<b>860</b>	
		1/26/2005	<500	<5.0	<5.0	<5.0	<10	<b>250</b>	<b>820</b>	
		4/14/2005	<400	<4.0	<4.0	<4.0	<4.0	<b>690</b>	<b>2,200</b>	
		7/29/2005	<2,500	<25	<25	<25	<50	<b>1,700</b>	<b>3,100</b>	
		10/20/2005	<2,000	<20	<20	<20	<40	<b>220</b>	<b>1,700</b>	
<b>Quarterly Sampling</b>	<b>MW-4</b>	4/6/2004	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<b>16</b>	
		7/30/2004	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<b>25</b>	
		10/7/2004	<50	<0.5	<0.5	<0.5	<1.0	<5.0	<b>35</b>	
		1/26/2005	<250	<2.5	<2.5	<2.5	<5.0	<b>43</b>	<b>450</b>	
		4/14/2005	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<b>210</b>	
		7/29/2005	<50	<0.50	<0.50	<0.50	<1.0	<b>11</b>	<b>57</b>	
10/20/2005	<250	<2.5	<2.5	<2.5	<5.0	<5.0	<b>44</b>			

**Table 1**  
**Summary of Groundwater Data**  
 Shell-branded Service Station  
 6750 Santa Rita Road  
 Pleasanton, California

Well Designation	Sample Name	Date Sampled	TPH-G (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethly-benzene (ug/l)	Xylene (ug/l)	TBA (ug/l)	MTBE (ug/l)
Quarterly Sampling	MW-5	2/10/2005	<50	<0.50	<0.50	<0.50	<1.0	<5.0	5.1
		4/14/2005	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50
		7/29/2005	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
		10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50

**Notes:**  
 All analysis performed by EPA Method 8260B  
 ug/l = micrograms per liter  
 TPH-G = Total petroleum hydrocarbons as gasoline  
 MTBE = Methyl tert-butyl ether  
 TBA = Tert-Butanol



**TABLE 2**  
**Groundwater Extraction - Mass Removal Data**  
Shell-Branded Service Station, Incident #97464711  
6750 Santa Rita Rd, Pleasanton, California

Date Purged	Well ID	Cumulative Volume Pumped		Sample Date	TPH-G			Benzene			MTBE		
		(gal)	(gal)		TPH-G Concentration (ppb)	TPH-G Removed (pounds)	TPH-G To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE To Date (pounds)
07/30/04	MW-1	5	5	07/30/04	<1,000	0.00002	0.00002	<10	0.00000	0.00000	1,400	0.00006	0.00006
08/02/04	MW-1	120	125	08/02/04	<500	0.00025	0.00027	<5.0	0.00000	0.00000	840	0.00084	0.00090
08/05/04	MW-1	50	175	08/05/04	<500	0.00010	0.00038	<5.0	0.00000	0.00000	770	0.00032	0.00122
08/11/04	MW-1	105	280	08/11/04	<500	0.00022	0.00059	<5.0	0.00000	0.00001	770	0.00067	0.00190
05/19/03	MW-2/MW-3	67	347	05/09/03	6,125	0.00342	0.00402	<75	0.00002	0.00003	9,500	0.00531	0.00721
05/31/03	MW-2/MW-3	38	385	05/09/03	6,125	0.00194	0.00596	<75	0.00001	0.00004	9,500	0.00301	0.01022
06/13/03	MW-2/MW-3	58	443	05/09/03	6,125	0.00296	0.00893	<75	0.00002	0.00006	9,500	0.00460	0.01482
06/26/03	MW-2/MW-3	48	491	05/09/03	6,125	0.00245	0.01138	<75	0.00002	0.00007	9,500	0.00381	0.01862
06/30/03	MW-2	20	511	05/09/03	<2,500	0.00021	0.01159	<25	0.00000	0.00007	4,000	0.00067	0.01929
07/31/03	MW-2	60	571	07/08/03	<2,000	0.00050	0.01209	<20	0.00001	0.00008	2,800	0.00140	0.02069
08/29/03	MW-2	25	596	07/08/03	<2,000	0.00021	0.01230	<20	0.00000	0.00008	2,800	0.00058	0.02128
09/22/03	MW-2	25	621	07/08/03	<2,000	0.00021	0.01251	<20	0.00000	0.00008	2,800	0.00058	0.02186
10/28/03	MW-2	45	666	10/03/03	<2,000	0.00038	0.01288	<20	0.00000	0.00009	3,600	0.00135	0.02321
11/24/03	MW-2	21	687	10/03/03	<2,000	0.00018	0.01306	<20	0.00000	0.00009	3,600	0.00063	0.02384
12/29/03	MW-2	43	730	10/03/03	<2,000	0.00036	0.01341	<20	0.00000	0.00009	3,600	0.00129	0.02513
07/20/04	MW-2	25	755	07/20/04	<2,500	0.00026	0.01368	<25	0.00000	0.00009	3,500	0.00073	0.02586
07/23/04	MW-2	575	1,330	07/23/04	<2,500	0.00600	0.01967	<25	0.00006	0.00015	3,300	0.01583	0.04170
07/27/04	MW-2	700	2,030	07/27/04	<2,500	0.00730	0.02697	<25	0.00007	0.00023	2,800	0.01635	0.05805
07/30/04	MW-2	625	2,655	07/30/04	<2,000	0.00522	0.03219	<20	0.00005	0.00028	2,000	0.01043	0.06848
01/20/05	MW-2	421	3,076	01/18/05	<2,500	0.00439	0.03658	<25	0.00004	0.00032	5,200	0.01827	0.08675
01/21/05	MW-2	164	3,240	01/18/05	<2,500	0.00171	0.03829	<25	0.00002	0.00034	5,200	0.00712	0.09387
01/24/05	MW-2	554	3,794	01/18/05	<2,500	0.00578	0.04407	<25	0.00006	0.00040	5,200	0.02404	0.11790
01/26/05	MW-2	377	4,171	01/26/05	<1,300	0.00204	0.04611	<25	0.00004	0.00044	2,100	0.00661	0.12451
01/31/05	MW-2	1,434	5,605	01/31/05	<2,500	0.01496	0.06107	<25	0.00015	0.00059	1,300	0.01556	0.14007
09/26/05	MW-2	50	5,655	09/26/05	<1000	0.00021	0.06128	<10	0.00000	0.00059	2,600	0.00108	0.14115
09/28/05	MW-2	88	5,743	09/26/05	<1000	0.00037	0.06165	<10	0.00000	0.00059	2,600	0.00191	0.14306
09/30/05	MW-2	150	5,893	09/26/05	<1000	0.00063	0.06227	<10	0.00001	0.00060	2,600	0.00325	0.14631
10/03/05	MW-2	187	6,080	10/03/05	<1000	0.00078	0.06305	<10	0.00001	0.00061	1,800	0.00281	0.14912
10/05/05	MW-2	393	6,473	10/03/05	<1000	0.00164	0.06469	<10	0.00002	0.00062	1,800	0.00590	0.15503
10/07/05	MW-2	250	6,723	10/07/05	<500	0.00052	0.06521	<5	0.00001	0.00063	1,300	0.00271	0.15774

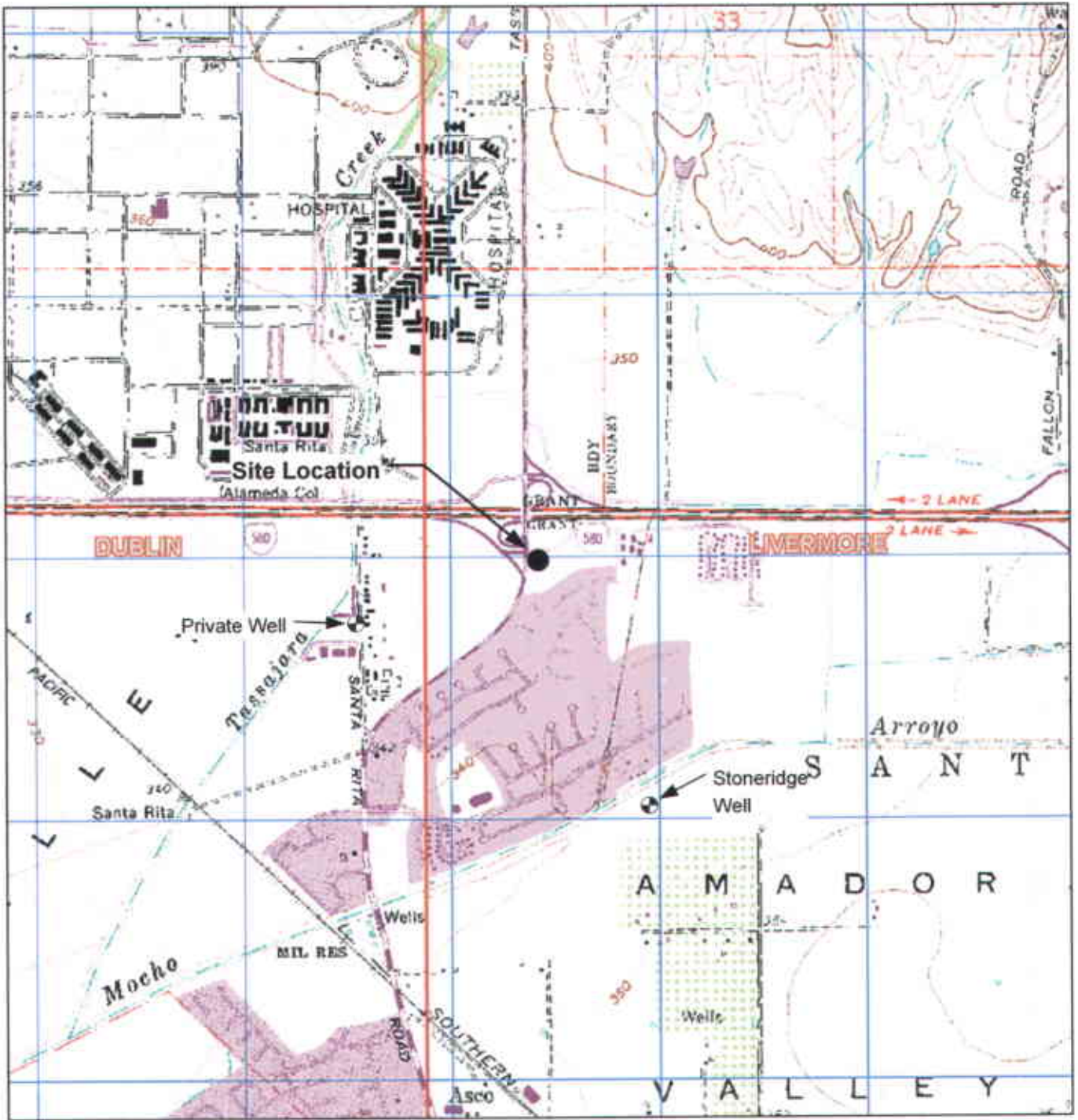
**TABLE 2**  
**Groundwater Extraction - Mass Removal Data**  
 Shell-Branded Service Station, Incident #97464711  
 6750 Santa Rita Rd, Pleasanton, California

Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Sample Date	TPH-G			Benzene			MTBE				
					TPH-G Concentration (ppb)	TPH-G Removed (pounds)	TPH-G Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)		
06/30/03	MW-3	95	6,818	05/09/03	11,000	0.00872	0.04091	<100	0.00004	0.00032	15,000	0.01189	0.08037		
07/31/03	MW-3	180	6,998	07/08/03	<10,000	0.00751	0.04842	<100	0.00008	0.00039	9,500	0.01427	0.09464		
08/29/03	MW-3	180	7,178	07/08/03	<10,000	0.00751	0.05593	<100	0.00008	0.00047	9,500	0.01427	0.10891		
09/22/03	MW-3	126	7,304	07/08/03	<10,000	0.00526	0.06119	<100	0.00005	0.00052	9,500	0.00999	0.11890		
10/28/03	MW-3	123	7,427	10/03/03	<10,000	0.00511	0.06630	<100	0.00005	0.00057	8,800	0.00900	0.12789		
11/24/03	MW-3	153	7,580	10/03/03	<10,000	0.00638	0.07268	<100	0.00006	0.00064	8,800	0.01123	0.13913		
12/29/03	MW-3	107	7,687	10/03/03	<10,000	0.00446	0.07714	<100	0.00004	0.00068	8,800	0.00786	0.14699		
09/02/04	MW-3	30	7,717	09/02/04	<1,300	0.00016	0.07731	<1,300	0.00016	0.00084	2,000	0.00050	0.14749		
09/03/04	MW-3	220	7,937	09/03/04	<1,300	0.00119	0.07850	<1,300	0.00119	0.00204	2,600	0.00477	0.15226		
09/07/04	MW-3	2,050	9,987	09/07/04	<1,000	0.00855	0.08705	<1,000	0.00855	0.01059	2,600	0.04448	0.19674		
09/10/04	MW-3	200	10,187	09/10/04	<1,000	0.00083	0.08789	<1,000	0.00083	0.01143	3,600	0.00601	0.20274		
<b>Total Gallons Extracted:</b>				<b>10,187</b>	<b>Total Pounds Removed:</b>			<b>0.121</b>	<b>Total Pounds Removed:</b>			<b>0.0118</b>	<b>Total Pounds Removed:</b>		<b>0.292</b>
<b>Total Gallons Extracted This Reporting Period:</b>				<b>1,118</b>	<b>Total Gallons Removed:</b>			<b>0.020</b>	<b>Total Gallons Removed:</b>			<b>0.00161</b>	<b>Total Gallons Removed:</b>		<b>0.047</b>

**Abbreviations and Notes:**  
 TPH-G = Total purgeable hydrocarbons as gasoline  
 MTBE = Methyl tert-butyl ether  
 ppb = Parts per billion, equivalent to micrograms per liter (ug/l)  
 gal = Gallon

Mass removed based on the formula: volume extracted (gal) x Concentration (mg/L) x (g/10<sup>6</sup>mg) x (pound/453.6g) x (3.785 L/gal)  
 Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)  
 TPH-G, benzene analyzed by EPA Method 8015/8020

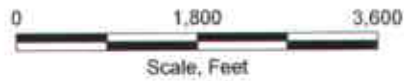
Concentrations based on most recent groundwater monitoring results  
 If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.  
 For combined well numbers, the average concentration was used assuming 1/2 the detection limit for samples less than the detection limit.



GENERAL NOTES:  
 Base Map from: DeLorme Yarmouth, ME 04096  
 Source Data: USGS



QUADRANGLE LOCATION



Scale, Feet

FIGURE 1  
 SITE LOCATION AND WELL SURVEY MAP  
 SHELL-BRANDED SERVICE STATION  
 6750 Santa Rita Road  
 Pleasanton, California

PROJECT NO. SJB7-505-1.2004	DRAWN BY VF 12/04/03
FILE NO. SJB7-505-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY



Pimlico Drive

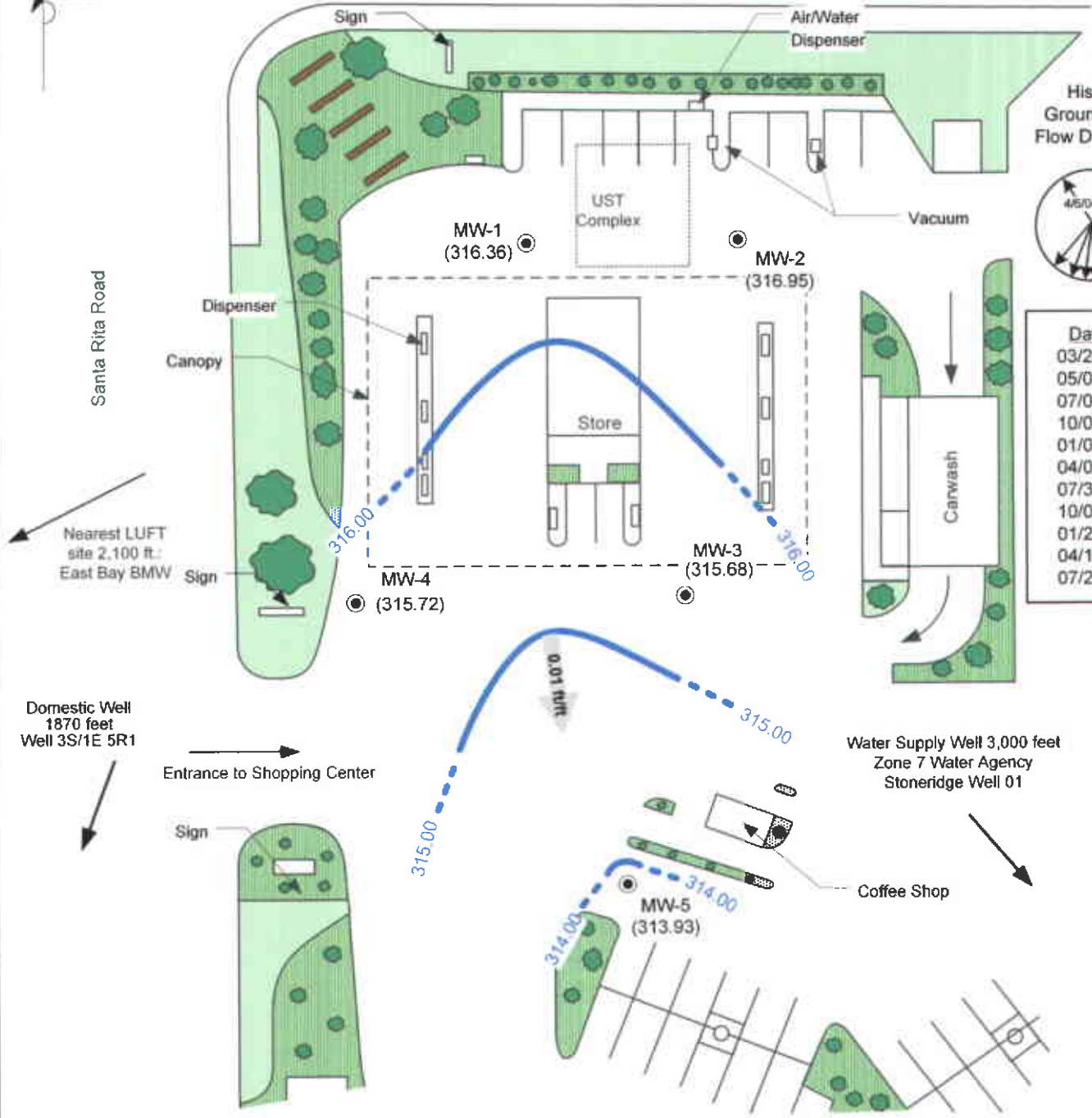


Santa Rita Road

Historic Groundwater Flow Directions



Dates	
03/28/03	
05/08/03	
07/08/03	
10/03/03	
01/06/04	
04/06/04	
07/30/04	
10/07/04	
01/26/05	
04/14/05	
07/29/05	



Nearest LUFT site 2,100 ft.: East Bay BMW

Domestic Well 1870 feet Well 3S/1E 5R1

Entrance to Shopping Center

Water Supply Well 3,000 feet Zone 7 Water Agency Stoneridge Well 01

Coffee Shop

**LEGEND**

- MW-1 ● **GROUNDWATER MONITORING WELL**
- (313.93) **GROUNDWATER ELEVATION (FEET-MSL), 10/20/05**
- 316.00 — **GROUNDWATER ELEVATION CONTOUR**
- 0.01 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**



**FIGURE 2**  
**GROUNDWATER ELEVATION CONTOUR MAP,**  
**OCTOBER 20, 2005**  
**SHELL-BRANDED SERVICE STATION**  
**6750 Santa Rita Road**  
**Pleasanton, California**

PROJECT NO. SJ67-505-1.2005	DRAWN BY JL 12/08/05
FILE NO. SJ67-505-1.2005	PREPARED BY HB
REVISION NO. 1	REVIEWED BY



Pimlico Drive



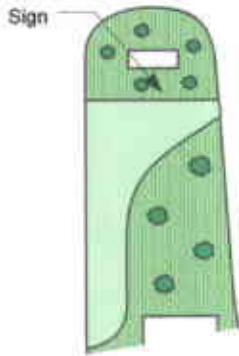
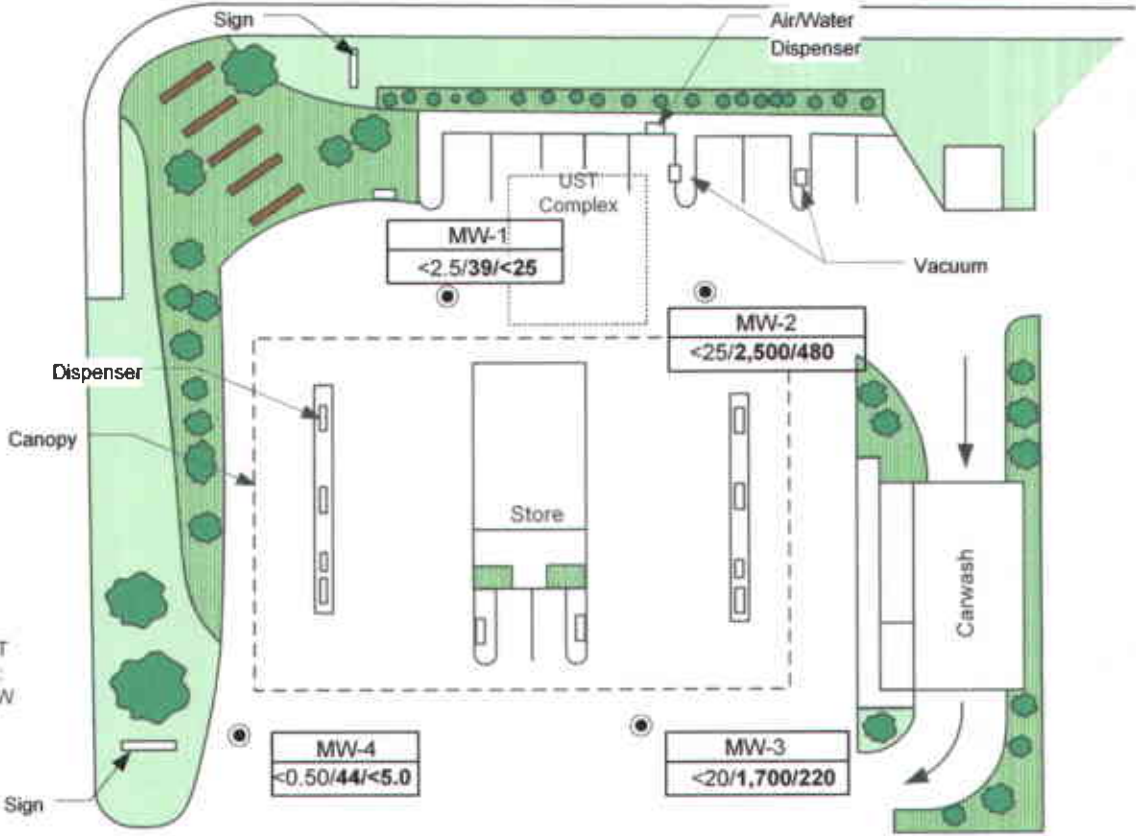
Santa Rita Road

Nearest LUFT site 2,100 ft.: East Bay BMW

Domestic Well 1870 feet Well 3S/1E 5R1

Entrance to Shopping Center

Water Supply Well 3,000 feet Zone 7 Water Agency Stoneridge Well 01



**LEGEND**



**GROUNDWATER MONITORING WELL**

MW-5
<0.50/<0.50/<5.0

**WELL ID**  
**BENZENE/MTBE/TBA CONCENTRATIONS (UG/L) – 10/20/05**



APPROX. SCALE

**FIGURE 3**  
**BENZENE, MTBE AND TBA CONCENTRATION MAP**  
**OCTOBER 20, 2005**  
**SHELL-BRANDED SERVICE STATION**  
**6750 Santa Rita Road**  
**Pleasanton, California**

PROJECT NO. SJ67-505-1 2005	DRAWN BY JL 12/08/05
FILE NO. SJ67-505-1 2005	PREPARED BY HB
REVISION NO. 2	REVIEWED BY



**Attachment A**

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**GROUNDWATER MONITORING AND SAMPLING REPORT**

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**BLAINE**  
**TECH SERVICES** INC.

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GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

November 7, 2005

Denis Brown  
Shell Oil Products US  
20945 South Wilmington Avenue  
Carson, CA 90810

Fourth Quarter 2005 Groundwater Monitoring at  
Shell-branded Service Station  
6750 Santa Rita Road  
Pleasanton, CA

Monitoring performed on October 20, 2005

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Groundwater Monitoring Report **051020-PC-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata  
Project Coordinator

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS  
Certified Analytical Report  
Field Data Sheets

cc: Debbie Arnold  
Delta Environmental  
175 Bernal Road, Suite 200  
San Jose, CA 95119



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-1	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.75	NA
MW-1	12/22/2002	<50	81	<0.50	<0.50	<0.50	<0.50	62	<2.0	<2.0	<2.0	<50	NA	31.93	NA
MW-1	03/28/2003	<50	70	<0.50	<0.50	<0.50	<1.0	130	<2.0	<2.0	<2.0	43	343.48	31.59	311.89
MW-1	05/09/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	280	<10	<10	<10	200	343.48	31.10	312.38
MW-1	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.65	311.83
MW-1	07/08/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	160	<10	<10	<10	170	343.48	30.90	312.58
MW-1	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.53	311.95
MW-1	07/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.95	313.53
MW-1	08/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.99	313.49
MW-1	09/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	30.02	313.46
MW-1	10/03/2003	<500	NA	<5.0	<5.0	<5.0	<10	810	<20	<20	<20	540	343.48	29.89	313.59
MW-1	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	31.38	312.10
MW-1	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.71	313.77
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.48	29.72	313.76
MW-1	01/06/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	400	<10	<10	<10	280	343.48	29.16	314.32
MW-1	04/06/2004	<1,300	NA	<13	<13	<13	<25	3,300	NA	NA	NA	3,500	343.48	31.38	312.10
MW-1	07/30/2004	<1,300	NA	<13	<13	<13	<25	1,000	NA	NA	NA	600	343.48	28.51	314.97
MW-1	10/07/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	530	NA	NA	NA	390	343.48	28.55	314.93
MW-1	01/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	320	<10	<10	<10	130	343.48	27.35	316.13
MW-1	04/14/2005	<150	NA	<1.5	<1.5	<1.5	<1.5	720	NA	NA	NA	260	343.48	26.70	316.78
MW-1	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	270	NA	NA	NA	150	343.48	26.33	317.15
<b>MW-1</b>	<b>10/20/2005</b>	<b>&lt;250</b>	<b>NA</b>	<b>&lt;2.5</b>	<b>&lt;2.5</b>	<b>&lt;2.5</b>	<b>&lt;5.0</b>	<b>39</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>&lt;25</b>	<b>343.48</b>	<b>27.12</b>	<b>316.36</b>

MW-2	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.25	NA
MW-2	12/22/2002	<200	120	<2.0	<2.0	<2.0	<2.0	660	<2.0	<2.0	<2.0	<50	NA	30.70	NA
MW-2	03/28/2003	<2,500	60	<25	<25	<25	<50	4,200	<100	<100	<100	2,500	342.86	30.30	312.56

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	05/09/2003	<2,500	NA	<25	<25	<25	<50	4,000	<100	<100	<100	3,200	342.86	29.83	313.03
MW-2	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.45	312.41
MW-2	07/08/2003	<2,000	NA	<20	<20	<20	<40	2,800	<80	<80	<80	2,900	342.86	29.86	313.00
MW-2	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.33	312.53
MW-2	07/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.33	313.53
MW-2	08/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.98	312.88
MW-2	09/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.21	312.65
MW-2	10/03/2003	<2,000	NA	<20	<20	<20	<40	3,600	<80	<80	<80	3,000	342.86	30.43	312.43
MW-2	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	29.79	313.07
MW-2	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.00	312.86
MW-2	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.86	30.14	312.72
MW-2	01/06/2004	<5,000	NA	<50	<50	<50	<100	4,500	<200	<200	<200	1,900	342.86	30.05	312.81
MW-2	04/06/2004	<2,000	NA	<20	<20	<20	<40	4,600	NA	NA	NA	5,100	342.86	29.30	313.56
MW-2	07/30/2004	<500	NA	<5.0	<5.0	<5.0	<10	1,000	NA	NA	NA	950	342.86	28.80	314.06
MW-2	10/07/2004	<2,500	NA	<25	<25	<25	<50	6,300	NA	NA	NA	6,500	342.86	28.02	314.84
MW-2	01/26/2005	<1,300	NA	<13	<13	<13	<25	2,100	<50	<50	<50	2,300	342.86	33.12	309.74
MW-2	04/14/2005	<500	NA	<5.0	<5.0	<5.0	<5.0	2,400	NA	NA	NA	1,100	342.86	25.55	317.31
MW-2	07/29/2005	<2,500	NA	<25	<25	<25	<50	3,900	NA	NA	NA	1,500	342.86	25.98	316.88
<b>MW-2</b>	<b>10/20/2005</b>	<b>&lt;2,500</b>	<b>NA</b>	<b>&lt;25</b>	<b>&lt;25</b>	<b>&lt;25</b>	<b>&lt;50</b>	<b>2,500</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>480</b>	<b>342.86</b>	<b>25.91</b>	<b>316.95</b>
MW-3	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31.65	NA
MW-3	12/22/2002	<2,000	72	<20	<20	<20	<20	8,000	<20	<20	<20	1,500	NA	31.10	NA
MW-3	03/28/2003	<5,000	89	<50	<50	<50	<100	10,000	<200	<200	<200	6,100	342.23	30.76	311.47
MW-3	05/09/2003	11,000	NA	<100	<100	<100	<200	15,000	<400	<400	<400	9,300	342.23	30.04	312.19
MW-3	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.23	312.00
MW-3	07/08/2003	<10,000	NA	<100	<100	<100	<200	9,500	<400	<400	<400	2,500	342.23	30.11	312.12

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-3	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.80	312.43
MW-3	07/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29
MW-3	08/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	30.05	312.18
MW-3	09/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.95	312.28
MW-3	10/03/2003	<10,000	NA	<100	<100	<100	<200	8,800	<400	<400	<400	6,600	342.23	29.97	312.26
MW-3	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.97	312.26
MW-3	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.94	312.29
MW-3	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	342.23	29.43	312.80
MW-3	01/06/2004	<5,000	NA	<50	<50	<50	<100	9,800	<200	<200	<200	3,800	342.23	29.25	312.98
MW-3	04/06/2004	<5,000	NA	<50	<50	<50	<100	4,200	NA	NA	NA	2,100	342.23	28.82	313.41
MW-3	07/30/2004	<2,500	NA	<25	<25	<25	<50	3,000	NA	NA	NA	1,200	342.23	28.73	313.50
MW-3	10/07/2004	<1,000	NA	<10	<10	<10	<20	860	NA	NA	NA	320	342.23	28.72	313.51
MW-3	01/26/2005	<500	NA	<5.0	<5.0	<5.0	<10	820	<20	<20	<20	250	342.23	26.50	315.73
MW-3	04/14/2005	<400	NA	<4.0	<4.0	<4.0	<4.0	2,200	NA	NA	NA	590	342.23	26.15	316.08
MW-3	07/29/2005	<2,500	NA	<25	<25	<25	<50	3,100	NA	NA	NA	1,700	342.23	25.50	316.73
<b>MW-3</b>	<b>10/20/2005</b>	<b>&lt;2,000</b>	<b>NA</b>	<b>&lt;20</b>	<b>&lt;20</b>	<b>&lt;20</b>	<b>&lt;40</b>	<b>1,700</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>220</b>	<b>342.23</b>	<b>26.85</b>	<b>315.38</b>

MW-4	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	32.92	NA
MW-4	12/22/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	93	<2.0	<2.0	<2.0	<50	NA	32.20	NA
MW-4	03/28/2003	<50	67	<0.50	<0.50	<0.50	<1.0	2.4	<2.0	<2.0	<2.0	<5.0	343.44	32.07	311.37
MW-4	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	75	<2.0	<2.0	<2.0	<5.0	343.44	31.35	312.09
MW-4	06/30/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.42	312.02
MW-4	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	18	<2.0	<2.0	<2.0	<5.0	343.44	31.42	312.02
MW-4	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	07/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.05	312.39
MW-4	08/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	09/23/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.15	312.29
MW-4	10/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	23	<2.0	<2.0	<2.0	<5.0	343.44	31.10	312.34
MW-4	10/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	31.14	312.30
MW-4	11/24/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.92	312.52
MW-4	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	343.44	30.82	312.62
MW-4	01/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	40	<2.0	<2.0	<2.0	<5.0	343.44	30.24	313.20
MW-4	04/06/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	16	NA	NA	NA	<5.0	343.44	30.10	313.34
MW-4	07/30/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	25	NA	NA	NA	<5.0	343.44	29.75	313.69
MW-4	10/07/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	35	NA	NA	NA	<5.0	343.44	29.79	313.65
MW-4	01/26/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	450	<10	<10	<10	43	343.44	27.60	315.84
MW-4	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	210	NA	NA	NA	<5.0	343.44	27.40	316.04
MW-4	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	57	NA	NA	NA	11	343.44	26.68	316.76
<b>MW-4</b>	<b>10/20/2005</b>	<b>&lt;50 a</b>	<b>NA</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>44</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>&lt;5.0</b>	<b>343.44</b>	<b>27.72</b>	<b>315.72</b>
MW-5	02/08/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340.88	26.83	314.05
MW-5	02/10/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	5.1	<2.0	<2.0	<2.0	<5.0	340.88	27.13	313.75
MW-5	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	<5.0	340.88	26.44	314.44
MW-5	07/29/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	<5.0	340.88	26.73	314.15
<b>MW-5</b>	<b>10/20/2005</b>	<b>56</b>	<b>NA</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;0.50</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>&lt;5.0</b>	<b>340.88</b>	<b>26.95</b>	<b>313.93</b>

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**6750 Santa Rita Road**  
**Pleasanton, CA**

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B.

TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol or Tertiary butanol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

a = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

Site surveyed November 22, 2002 by Mid Coast Engineers.

MW-5 surveyed January 31, 2005 by Mid Coast Engineers of Watsonville, CA.

**Blaine Tech Services, Inc.**

October 31, 2005

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attn.: Michael Ninokata  
Project#: BTS#051020-PC1  
Project: 97464711  
Site: 6750 Santa Rita Rd., Pleasanton

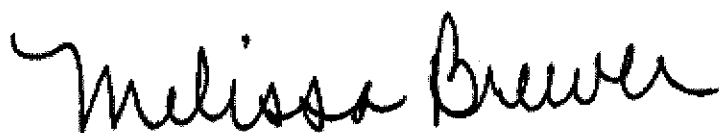
Attached is our report for your samples received on 10/21/2005 14:39  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after  
12/05/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-1	10/20/2005 12:55	Water	1
MW-2	10/20/2005 13:24	Water	2
MW-3	10/20/2005 13:10	Water	3
MW-4	10/20/2005 12:45	Water	4
MW-5	10/20/2005 12:34	Water	5

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-1 Lab ID: 2005-10-0485 - 1  
 Sampled: 10/20/2005 12:55 Extracted: 10/26/2005 10:35  
 Matrix: Water QC Batch#: 2005/10/26-1A.64  
 Analysis Flag: L1, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	250	ug/L	5.00	10/26/2005 10:35	
Benzene	ND	2.5	ug/L	5.00	10/26/2005 10:35	
Toluene	ND	2.5	ug/L	5.00	10/26/2005 10:35	
Ethylbenzene	ND	2.5	ug/L	5.00	10/26/2005 10:35	
Total xylenes	ND	5.0	ug/L	5.00	10/26/2005 10:35	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	10/26/2005 10:35	
Methyl tert-butyl ether (MTBE)	39	2.5	ug/L	5.00	10/26/2005 10:35	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	107.1	73-130	%	5.00	10/26/2005 10:35	
Toluene-d8	105.2	81-114	%	5.00	10/26/2005 10:35	

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/28/2005 15:07



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-2 Lab ID: 2005-10-0485 - 2  
Sampled: 10/20/2005 13:24 Extracted: 10/26/2005 11:38  
Matrix: Water QC Batch#: 2005/10/26-1A.64  
Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2500	ug/L	50.00	10/26/2005 11:38	
Benzene	ND	25	ug/L	50.00	10/26/2005 11:38	
Toluene	ND	25	ug/L	50.00	10/26/2005 11:38	
Ethylbenzene	ND	25	ug/L	50.00	10/26/2005 11:38	
Total xylenes	ND	50	ug/L	50.00	10/26/2005 11:38	
tert-Butyl alcohol (TBA)	480	250	ug/L	50.00	10/26/2005 11:38	
Methyl tert-butyl ether (MTBE)	2500	25	ug/L	50.00	10/26/2005 11:38	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	112.0	73-130	%	50.00	10/26/2005 11:38	
Toluene-d8	106.1	81-114	%	50.00	10/26/2005 11:38	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-3 Lab ID: 2005-10-0485 - 3  
Sampled: 10/20/2005 13:10 Extracted: 10/26/2005 11:59  
Matrix: Water QC Batch#: 2005/10/26-1A.64  
Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2000	ug/L	40.00	10/26/2005 11:59	
Benzene	ND	20	ug/L	40.00	10/26/2005 11:59	
Toluene	ND	20	ug/L	40.00	10/26/2005 11:59	
Ethylbenzene	ND	20	ug/L	40.00	10/26/2005 11:59	
Total xylenes	ND	40	ug/L	40.00	10/26/2005 11:59	
tert-Butyl alcohol (TBA)	220	200	ug/L	40.00	10/26/2005 11:59	
Methyl tert-butyl ether (MTBE)	1700	20	ug/L	40.00	10/26/2005 11:59	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	112.1	73-130	%	40.00	10/26/2005 11:59	
Toluene-d8	107.8	81-114	%	40.00	10/26/2005 11:59	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-4 Lab ID: 2005-10-0485 - 4  
Sampled: 10/20/2005 12:45 Extracted: 10/25/2005 19:32  
Matrix: Water QC Batch#: 2005/10/25-2B.64  
pH: <2

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	10/25/2005 19:32	Q6
Benzene	ND	0.50	ug/L	1.00	10/25/2005 19:32	
Toluene	ND	0.50	ug/L	1.00	10/25/2005 19:32	
Ethylbenzene	ND	0.50	ug/L	1.00	10/25/2005 19:32	
Total xylenes	ND	1.0	ug/L	1.00	10/25/2005 19:32	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	10/25/2005 19:32	
Methyl tert-butyl ether (MTBE)	44	0.50	ug/L	1.00	10/25/2005 19:32	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	105.4	73-130	%	1.00	10/25/2005 19:32	
Toluene-d8	104.3	81-114	%	1.00	10/25/2005 19:32	

Severn Trent Laboratories, Inc.

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**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-5 Lab ID: 2005-10-0485 - 5  
Sampled: 10/20/2005 12:34 Extracted: 10/25/2005 19:53  
Matrix: Water QC Batch#: 2005/10/25-2B.64  
pH: <2

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	56	50	ug/L	1.00	10/25/2005 19:53	
Benzene	ND	0.50	ug/L	1.00	10/25/2005 19:53	
Toluene	ND	0.50	ug/L	1.00	10/25/2005 19:53	
Ethylbenzene	ND	0.50	ug/L	1.00	10/25/2005 19:53	
Total xylenes	ND	1.0	ug/L	1.00	10/25/2005 19:53	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	10/25/2005 19:53	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	10/25/2005 19:53	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	103.4	73-130	%	1.00	10/25/2005 19:53	
Toluene-d8	102.5	81-114	%	1.00	10/25/2005 19:53	

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**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2005/10/25-2B.64-000

Water

Test(s): 8260B

QC Batch # 2005/10/25-2B.64

Date Extracted: 10/25/2005 19:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/25/2005 19:00	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/25/2005 19:00	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/25/2005 19:00	
Benzene	ND	0.5	ug/L	10/25/2005 19:00	
Toluene	ND	0.5	ug/L	10/25/2005 19:00	
Ethylbenzene	ND	0.5	ug/L	10/25/2005 19:00	
Total xylenes	ND	1.0	ug/L	10/25/2005 19:00	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.0	73-130	%	10/25/2005 19:00	
Toluene-d8	105.6	81-114	%	10/25/2005 19:00	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/10/26-1A.64

MB: 2005/10/26-1A.64-033

Date Extracted: 10/26/2005 08:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/26/2005 08:33	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/26/2005 08:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/26/2005 08:33	
Benzene	ND	0.5	ug/L	10/26/2005 08:33	
Toluene	ND	0.5	ug/L	10/26/2005 08:33	
Ethylbenzene	ND	0.5	ug/L	10/26/2005 08:33	
Total xylenes	ND	1.0	ug/L	10/26/2005 08:33	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.4	73-130	%	10/26/2005 08:33	
Toluene-d8	107.8	81-114	%	10/26/2005 08:33	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/25-2B.64**

LCS 2005/10/25-2B.64-039  
LCSD

Extracted: 10/25/2005

Analyzed: 10/25/2005 18:39

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.6		25	102.4			65-165	20		
Benzene	26.8		25	107.2			69-129	20		
Toluene	27.1		25	108.4			70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	496		500	99.2			73-130			
Toluene-d8	542		500	108.4			81-114			

Severn Trent Laboratories, Inc.

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10/28/2005 15:07

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/26-1A.64**

LCS 2005/10/26-1A.64-012

Extracted: 10/26/2005

Analyzed: 10/26/2005 08:12

LCSD 2005/10/26-1A.64-054

Extracted: 10/26/2005

Analyzed: 10/26/2005 08:54

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.1	23.4	25	100.4	93.6	7.0	65-165	20		
Benzene	27.2	26.6	25	108.8	106.4	2.2	69-129	20		
Toluene	26.5	25.9	25	106.0	103.6	2.3	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	499	488	500	99.8	97.6		73-130			
Toluene-d8	537	537	500	107.4	107.4		81-114			

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10/28/2005 15:07



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

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Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/25-2B.64**

MS/MSD

Lab ID: 2005-10-0473 - 001

MS: 2005/10/25-2B.64-035

Extracted: 10/25/2005

Analyzed: 10/25/2005 20:35

Dilution: 1.00

MSD: 2005/10/25-2B.64-056

Extracted: 10/25/2005

Analyzed: 10/25/2005 20:56

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	25.8	25.1	ND	25	103.2	100.4	2.8	65-165	20		
Benzene	27.8	26.1	ND	25	111.2	104.4	6.3	69-129	20		
Toluene	26.7	25.6	ND	25	106.8	102.4	4.2	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	497	511		500	99.4	102.2		73-130			
Toluene-d8	523	535		500	104.6	107.0		81-114			

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10/28/2005 15:07

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Blaine Tech Services, Inc.

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1680 Rogers Avenue  
San Jose, CA 95112-1105  
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1  
97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/26-1A.64**

MW-1 >> MS

Lab ID: 2005-10-0485 - 001

MS: 2005/10/26-1A.64-056

Extracted: 10/26/2005

Analyzed: 10/26/2005 10:56

Dilution: 5.00

MSD: 2005/10/26-1A.64-017

Extracted: 10/26/2005

Analyzed: 10/26/2005 11:17

Dilution: 5.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	178	176	38.7	125	111.4	140.8	23.3	65-165	20		R1
Benzene	152	153	ND	125	121.6	122.4	0.7	69-129	20		
Toluene	148	150	ND	125	118.4	120.0	1.3	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	531	531		500	106.2	106.2		73-130			
Toluene-d8	542	540		500	108.4	108.0		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/28/2005 15:07

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Blaine Tech Services, Inc.

Attn.: Michael Ninokata

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: BTS#051020-PC1

97464711

Received: 10/21/2005 14:39

Site: 6750 Santa Rita Rd., Pleasanton

---

**Legend and Notes**

---

**Sample Comment**

Lab ID: 2005-10-0485 -4

Siloxane peaks were found in the sample which are not believed to be gasoline related. If they were to be quantified as gasoline, the concentration would be 63 ug/L.

**Analysis Flag**

L1

Reporting limits raised due to high level of non-target analyte materials.

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

Q6

The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

R1

Analyte RPD was out of QC limits.

LAB: STL

# SHELL Chain Of Custody Record

98530

Lab Identification (If necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Denis Brown

## 2005-10-0485

INCIDENT NUMBER (S&E ONLY)

9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT)

DATE: 10/20/05

PAGE: 1 of 1

SAMPLING COMPANY:

Blaine Tech Services

ADDRESS:  
1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to):  
Loren Goerhart Michael Ninska

TELEPHONE: 408-573-0555 FAX: 408-573-7771

E-MAIL: [lninska@blainetech.com](mailto:lninska@blainetech.com)

LOG CODE:

BTSS

SITE ADDRESS (Street and City):

6750 Santa Rita Rd., Pleasanton

GLOBAL ID NO.:

T0600102532

EDF DELIVERABLE TO (Responsible Party or Designee):

Heather Buckingham  
SAMPLER NAME(S) (Print):  
P. Cornish

PHONE NO.:

(408)224-4724

E-MAIL:

hbuckingham@deltaenv.com

CONSULTANT PROJECT NO.:

051020.R1  
BTS #

LAB USE ONLY

### REQUESTED ANALYSIS

### FIELD NOTES:

Container/Preservative  
or PID Readings  
or Laboratory Notes

TEMPERATURE ON RECEIPT

LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (0021B - 5ppb RL)	MTBE (0260B - 0.5ppb RL)	Oxygenates (6) by (0260B)	TPH - Diesel, Extractable	TBA
	DATE	TIME											
	MW-1	10/20/05	1255	60	3	X	X	X	X	X	X	X	X
	MW-2		1324		3	X	X	X	X	X	X	X	X
	MW-3		1310		3	X	X	X	X	X	X	X	X
	MW-4		1245		3	X	X	X	X	X	X	X	X
	MW-5		1234		3	X	X	X	X	X	X	X	X

Relinquished by: (Signature) *[Signature]*  
 Relinquished by: (Signature) *[Signature]*  
 Relinquished by: (Signature) *[Signature]*

DATE: 10/20/05

Received by: (Signature) *[Signature]*  
 Received by: (Signature) *[Signature]*  
 Received by: (Signature) *[Signature]*

DATE: 10/21/05  
DATE: 10/21/05

Date: 10/20/05 Time: 1600  
 Date: 10/21/05 Time: 1439  
 Date: 10/21/05 Time: 1745

10/16/00 Revision

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

## WELL GAUGING DATA

Project # 051020-PC Date 10/20/05 Client Shell

Site 6750 Santa Rita Rd., Pleasanton

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <del>TOP</del>
MW-1	2					27.12	41.71	TOB
MW-2	2					25.91	41.78	 ↓
MW-3	2					26.85	<del>2</del> 44.06	
MW-4	2					27.72	44.03	
MW-5	2					26.95	32.05	

### SHELL WELL MONITORING DATA SHEET

BTS #: 051020-PC1	Site: 97464711
Sampler: PC	Date: 10/20/05
Well I.D.: MW-1	Well Diameter: ② 3 4 6 8
Total Well Depth (TD): 41.71	Depth to Water (DTW): 27.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVO Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.04	

Purge Method: Bailer  
 Disposable Bailer  
 Positive Air Displacement  
 Electric Submersible

Waterra  
 Peristaltic  
 Extraction Pump  
 Other \_\_\_\_\_

Sampling Method:  Bailer  
 Disposable Bailer  
 Extraction Port  
 Dedicated Tubing

Other: \_\_\_\_\_

$\frac{2.3 \text{ (Gals.)} \times 3 \text{ Specified Volumes}}{1 \text{ Case Volume}} = 6.9 \text{ Gals. Calculated Volume}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <del>µS</del> )	Turbidity (NTUs)	Gals. Removed	Observations
1138	65.7	7.7	2233	616	2.5	
1143	65.9	7.4	2196	216	5	
1150	65.0	7.88	2330	154	7	

Did well dewater? Yes  No  Gallons actually evacuated: 7

Sampling Date: 10/20/05 Sampling Time: 1255 Depth to Water: 29.88

Sample I.D.: MW-1 Laboratory: 8D Other \_\_\_\_\_

Analyzed for: ~~TPH-G BTEX MTBE~~ TPH-D Other: TBA

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>05W20-PC</u>	Site: <u>97464711</u>
Sampler: <u>PC</u>	Date: <u>10/20/05</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>3</u> 3 4 6 8
Total Well Depth (TD): <u>41.78</u>	Depth to Water (DTW): <u>25.91</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>Pye</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>29.08</u>	

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

$\frac{2.5 \text{ (Gals.)} \times 3 \text{ Specified Volumes}}{1 \text{ Case Volume}} = 7.5 \text{ Gals. Calculated Volume}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1216	65.8	7.3	2401	371	2.5	
1222	65.9	7.2	2367	780	5	
1228	66.1	7.1	2421	474	7.5	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>7.5</u>	
Sampling Date: <u>10/20/05</u>	Sampling Time: <u>1324</u>	Depth to Water: <u>25.95</u>
Sample I.D.: <u>MW-2</u>	Laboratory: <u>STL</u> Other _____	
Analyzed for: <u>TPH-G BTEX MTBE</u> TPH-D Other: <u>TBA</u>		
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____		
D.O. (if req'd): Pre-purge: _____ mg/L	Post-purge: _____ mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV	

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>057020-PCI</u>	Site: <u>974646711</u>
Sampler: <u>PC</u>	Date: <u>10/20/05</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>3</u> 4 6 8 <u>  </u>
Total Well Depth (TD): <u>44.06</u>	Depth to Water (DTW): <del><u>26.55</u></del> <u>26.85</u> <small>mon 10/20</small>
Depth to Free Product: <u>  </u>	Thickness of Free Product (feet): <u>  </u>
Referenced to: <u>GC</u> Grade	D.O. Meter (if req'd): <u>  </u> YSI <u>  </u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>30.05</u>	

Purge Method:   Bailer                              Watters                              Sampling Method:       Bailer  
                   Disposable Bailer                        Peristaltic                              Disposable Bailer  
                      Positive Air Displacement                     Extraction Pump                        Extraction Port  
                   Electric Submersible                     Other                                   Dedicated Tubing

$2.8 \text{ (Gals.)} \times 3 = 8.4 \text{ Gals.}$ <small>I Case Volume        Specified Volumes        Calculated Volume</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1210	66.1	7.7	3765	650	3	
1215	66.0	7.2	3998	838	6	
1222	66.5	7.1	4042	594	8.5	

Did well dewater?   Yes  No                              Gallons actually evacuated: 8.5

Sampling Date: 10/20/05    Sampling Time: 1210    Depth to Water: 26.61

Sample I.D.: MW-3                              Laboratory: STI    Other   

Analyzed for: ~~TPH-G BTEX MTBE~~ TPH-D    Other: TDA

EB I.D. (if applicable):    @    Time    Duplicate I.D. (if applicable):   

Analyzed for: TPH-G BTEX MTBE TPH-D    Other:   

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV



## SHELL WELL MONITORING DATA SHEET

BTS #: <u>051020-PC1</u>	Site: <u>97464711</u>
Sampler: <u>PC</u>	Date: <u>10/20/05</u>
Well I.D.: <u>MW4</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>44.03</u>	Depth to Water (DTW): <u>27.72</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>30.98</u>	

Purge Method:  Bailer  Disposable Bailer  Positive Air Displacement  Electric Submersible

Waterra  Peristaltic  Extraction Pump  Other \_\_\_\_\_

Sampling Method:  Bailer  Disposable Bailer  Extraction Port  Dedicated Tubing

Other: \_\_\_\_\_

$$\underline{2.6} \text{ (Gals.)} \times \underline{3} = \underline{7.8} \text{ Gals.}$$

1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1115	65.4	7.7	2739	551	2.5	
1119	65.7	7.4	2746	578	5.2	
1125	66.5	7.2	2799	201	7.8	

Did well dewater? Yes  No  Gallons actually evacuated: 7.8

Sampling Date: 10/20      Sampling Time: 1245      Depth to Water: 27.75

Sample I.D.: MW4      Laboratory: (ST) Other \_\_\_\_\_

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D Other: TBA

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558**

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>051020-PC1</u>	Site: <u>97464711</u>
Sampler: <u>PC</u>	Date: <u>10/20/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>32.05</u>	Depth to Water (DTW): <u>26.95</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PC <input type="checkbox"/> Grade	D.O. Meter (if req'd):      YSI      HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>27.97</u>	

Purge Method:  Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing

$\frac{0.8 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 2.4 \text{ Gals. Calculated Volume}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1050	66.5	7.1	3274	71000	.8	
1051	67.0	6.9	3311	71000	1.6	
1053	66.7	6.9	3301	>1000	2.4	

Did well dewater?    Yes     Gallons actually evacuated: 2.5

Sampling Date: 10/20/05    Sampling Time: 12:34    Depth to Water: 27.17

Sample I.D.: MW-5    Laboratory:  STD    Other \_\_\_\_\_

Analyzed for:  TPH-G     BTEX     MTBE    TPH-D    Other: TRA

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time    Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for:    TPH-G    BTEX    MTBE    TPH-D    Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

**Attachment B**

---

**LABORATORY CERTIFIED ANALYTICAL REPORTS AND CHAIN OF CUSTODY  
DOCUMENTATION FOR DISCHARGE SAMPLES**

**Delta Env. Consultants San Jose**

September 30, 2005

175 Bernal Road, Suite 200  
San Jose, CA 95119

Attn.: Garrett Haertel  
Project: 97464711  
Site: 6750 Santa Rita Rd, Pleasanton, CA

Dear Mr. Haertel:

Attached is our report for your samples received on 09/27/2005 14:44

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 11/11/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2 50 GAL	09/26/2005 17:45	Water	1

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

Prep(s): 5030B Test(s): 8260B  
 Sample ID: **MW-2 50 GAL** Lab ID: 2005-09-0677 - 1  
 Sampled: 09/26/2005 17:45 Extracted: 9/29/2005 16:25  
 Matrix: Water QC Batch#: 2005/09/29-1A.64  
 Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1000	ug/L	20.00	09/29/2005 16:25	
Benzene	ND	10	ug/L	20.00	09/29/2005 16:25	
Toluene	ND	10	ug/L	20.00	09/29/2005 16:25	
Ethylbenzene	ND	10	ug/L	20.00	09/29/2005 16:25	
Total xylenes	ND	20	ug/L	20.00	09/29/2005 16:25	
tert-Butyl alcohol (TBA)	280	100	ug/L	20.00	09/29/2005 16:25	
Methyl tert-butyl ether (MTBE)	2600	10	ug/L	20.00	09/29/2005 16:25	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	112.3	73-130	%	20.00	09/29/2005 16:25	
Toluene-d8	108.7	81-114	%	20.00	09/29/2005 16:25	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2005/09/29-1A.64-052

Water

Test(s): 8260B

QC Batch # 2005/09/29-1A.64

Date Extracted: 09/29/2005 10:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	09/29/2005 10:16	
Benzene	ND	0.5	ug/L	09/29/2005 10:16	
Toluene	ND	0.5	ug/L	09/29/2005 10:16	
Ethylbenzene	ND	0.5	ug/L	09/29/2005 10:16	
Total xylenes	ND	1.0	ug/L	09/29/2005 10:16	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/29/2005 10:16	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/29/2005 10:16	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	94.6	73-130	%	09/29/2005 10:16	
Toluene-d8	108.0	81-114	%	09/29/2005 10:16	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/09/29-1A.64**

LCS 2005/09/29-1A.64-051

Extracted: 09/29/2005

Analyzed: 09/29/2005 08:51

LCSD 2005/09/29-1A.64-012

Extracted: 09/29/2005

Analyzed: 09/29/2005 09:12

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.2	24.4	25	92.8	97.6	5.0	65-165	20			
Benzene	27.2	26.7	25	108.8	106.8	1.9	69-129	20			
Toluene	27.6	26.9	25	110.4	107.6	2.6	70-130	20			
<b>Surrogates(s)</b>											
1,2-Dichloroethane-d4	476	487	500	95.2	97.4		73-130				
Toluene-d8	545	533	500	109.0	106.6		81-114				

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

09/30/2005 16:11



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/09/29-1A.64**

MS/MSD

Lab ID: 2005-09-0680 - 001

MS: 2005/09/29-1A.64-016

Extracted: 09/29/2005

Analyzed: 09/29/2005 13:16

Dilution: 1.00

MSD: 2005/09/29-1A.64-037

Extracted: 09/29/2005

Analyzed: 09/29/2005 13:37

Dilution: 1.00

Compound	Conc. ug/L		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	17.4	15.4	ND	25	69.6	61.6	12.2	65-165	20		M5
Benzene	26.8	25.8	ND	25	107.2	103.2	3.8	69-129	20		
Toluene	28.0	26.4	ND	25	112.0	105.6	5.9	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	543	529		500	108.6	105.8		73-130			
Toluene-d8	544	534		500	108.8	106.8		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

09/30/2005 16:11

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 224-4724 Fax: (408) 224-4518

Project: 97464711

Received: 09/27/2005 14:44

Site: 6750 Santa Rita Rd, Pleasanton, CA

---

Legend and Notes

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

M5

MS/MSD spike recoveries were below acceptance limits. See blank spike (LCS).

1220 Quarry Lane  
Pleasanton, CA  
(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:  
Denise Brown  
 SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON  
**2005-09-0677**

INCIDENT NUMBER (S&E ONLY)  
**9 7 4 6 4 7 1 1**  
SAP or CRMT NUMBER (TS/CRMT)

DATE: 9-27-2005  
PAGE: 1 of 1

SAMPLING COMPANY: Delta Environmental Consultants  
LOG CODE:  
SITE ADDRESS (Street and City): 6750 Santa Rita Rd, Pleasanton, CA  
GLOBAL ID NO.: T0600102532  
ADDRESS: 175 Bernal Rd #200, San Jose, CA 95119  
EOP DELIVERABLE TO (Responsible Party or Designer): Justin Link  
PHONE NO.: 408.224.4724  
E-MAIL: jlink@deltaenv.com  
PROJECT CONTACT (Hardcopy or PDF Report to): Garrett Haertel  
SAMPLER NAME(S) (Print): Jim Bobey  
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS):  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS  
 LA - RWQCB REPORT FORMAT  UST AGENCY:  
GC/MS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_  
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED   
Also email results to: damold@deltaenv.com

REQUESTED ANALYSIS

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor-VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal ( 4B- )	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
----------------------	------	------------------------	--------------------------	---------------------------	-----------------	-----	-----------------------	-----------------------------------	-----------------------------------	--------------	--------------------------------	------------------------------	------------------------	--------------------------------	---------------------------	-----------------------------------	-------------------------------------	--

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor-VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal ( 4B- )	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	TEMPERATURE ON RECEIPT C°
		DATE	TIME																					2
	MW-2 50 GAL	9/26/2005	17:45	water	6	X	X		X			X												5-Day Turnaround

Received by: (Signature) *[Signature]* Date: 9/27/05 Time: 1444  
Relinquished by: (Signature) *[Signature]* Date: 9/27/05 Time: 17:30  
Received by: (Signature) *[Signature]* Date: 9/27/05 Time: 17:30

Delta Env. Consultants San Jose

October 12, 2005

175 Bernal Road, Suite 200  
San Jose, CA 95119

Attn.: Garrett Haertel  
Project: 97464711  
Site: 6750 Santa Rita Rd., Pleasanton, CA

Dear Mr. Haertel:

Attached is our report for your samples received on 10/04/2005 13:40  
This report has been reviewed and approved for release. Reproduction of this report  
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after  
11/18/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2 475 GAL	10/03/2005 12:10	Water	1

## Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-2 475 GAL Lab ID: 2005-10-0051 - 1  
Sampled: 10/03/2005 12:10 Extracted: 10/6/2005 15:29  
Matrix: Water QC Batch#: 2005/10/06-1A.64  
Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1000	ug/L	20.00	10/06/2005 15:29	
Benzene	ND	10	ug/L	20.00	10/06/2005 15:29	
Toluene	ND	10	ug/L	20.00	10/06/2005 15:29	
Ethylbenzene	ND	10	ug/L	20.00	10/06/2005 15:29	
Total xylenes	ND	20	ug/L	20.00	10/06/2005 15:29	
tert-Butyl alcohol (TBA)	370	100	ug/L	20.00	10/06/2005 15:29	
Methyl tert-butyl ether (MTBE)	1800	10	ug/L	20.00	10/06/2005 15:29	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	112.0	73-130	%	20.00	10/06/2005 15:29	
Toluene-d8	108.7	81-114	%	20.00	10/06/2005 15:29	

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/11/2005 17:56

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200  
San Jose, CA 95119  
Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2005/10/06-1A.64-035

Water

Test(s): 8260B

QC Batch # 2005/10/06-1A.64

Date Extracted: 10/06/2005 08:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/06/2005 08:35	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/06/2005 08:35	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/06/2005 08:35	
Benzene	ND	0.5	ug/L	10/06/2005 08:35	
Toluene	ND	0.5	ug/L	10/06/2005 08:35	
Ethylbenzene	ND	0.5	ug/L	10/06/2005 08:35	
Total xylenes	ND	1.0	ug/L	10/06/2005 08:35	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	102.2	73-130	%	10/06/2005 08:35	
Toluene-d8	106.0	81-114	%	10/06/2005 08:35	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/06-1A.64**

LCS 2005/10/06-1A.64-014

Extracted: 10/06/2005

Analyzed: 10/06/2005 08:14

LCSD 2005/10/06-1A.64-055

Extracted: 10/06/2005

Analyzed: 10/06/2005 08:55

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.4	23.8	25	93.6	95.2	1.7	65-165	20		
Benzene	26.8	27.8	25	107.2	111.2	3.7	69-129	20		
Toluene	27.6	27.6	25	110.4	110.4	0.0	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	487	485	500	97.4	97.0		73-130			
Toluene-d8	544	550	500	108.8	110.0		81-114			



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Water**

**QC Batch # 2005/10/06-1A.64**

MS/MSD

Lab ID: 2005-10-0052 - 005

MS: 2005/10/06-1A.64-054

Extracted: 10/06/2005

Analyzed: 10/06/2005 09:54

Dilution: 1.00

MSD: 2005/10/06-1A.64-015

Extracted: 10/06/2005

Analyzed: 10/06/2005 10:15

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	22.7	22.1	ND	25	90.8	88.4	2.7	65-165	20		
Benzene	26.2	24.9	ND	25	104.8	99.6	5.1	69-129	20		
Toluene	25.5	24.7	ND	25	102.0	98.8	3.2	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	486	490		500	97.2	98.0		73-130			
Toluene-d8	543	521		500	108.6	104.2		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/11/2005 17:56

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: 97464711

Received: 10/04/2005 13:40

Site: 6750 Santa Rita Rd., Pleasanton, CA

---

Legend and Notes

---

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

1220 Quarry Lane  
Pleasanton, CA

Equiva Project Manager to be Invoiced:

 SCIENCE & ENGINEERING  
 TECHNICAL SERVICES  
 CRMT HOUSTON

Denis Brown

2005-10-0051

INCIDENT NUMBER (S&E ONLY):

9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 10-04-2005

PAGE: 1 of 1

(925)484-1919 (925)484-1096 Fax

<b>SAMPLING COMPANY:</b> Delta Environmental Consultants	<b>LOG CODE:</b>	<b>SITE ADDRESS (Street and City):</b> 6750 Santa Rita Rd, Pleasanton, CA	<b>INTERNAL ID NO.:</b> T0600102532
<b>ADDRESS:</b> 175 Bernal Rd #200, San Jose, CA 95119	<b>CLIENT REFERENCE TO (Responsible Party or Designee):</b>	<b>PHONE NO.:</b> 408.224.4724	<b>CONSULTANT PROJECT NO.:</b>
<b>PROJECT CONTACT (Print name or CRMT Project ID):</b> Garrett Haerfel	<b>SAMPLER NAME(S) (Print):</b> Jim Bobey		<b>E-MAIL:</b> jlink@deltanv.com
<b>TELEPHONE:</b> (408) 224-4724	<b>FAX:</b> (408) 224-8500	<b>E-MAIL:</b> ghaerfel@deltanv.com	

**TURNAROUND TIME (BUSINESS DAYS):**  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS

LA - RWQCB REPORT FORMAT  LIST AGENCY:

**OCMS MTBE CONFIRMATION:** HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

**SPECIAL INSTRUCTIONS OR NOTES:** CHECK BOX IF EDD IS NEEDED   
 Also email results to: darnold@deltanv.com

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	REQUESTED ANALYSIS														TEMPERATURE ON RECEIPT °C 8°C	FIELD NOTES: Contained/Preservative or PID Readings or Laboratory Notes					
		DATE	TIME			TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TPH (418.1)	Vapor VOCs BTEX / MTBE (70-15)	Vapor VOCs Full List (70-15)	Vapor TPH (ASTM 3416a)			Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note	
	MW-2 475 GAL	10/3/2005	12:10	water	6	X	X		X			X														5-Day Turnaround

Received by: (Signature) <i>J. Bobey</i>	Received by: (Signature) <i>[Signature]</i>	Date: 10/4/05	Time: 13:40
Received by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 10/4/05	Time: 17:00

Case 01/14/05 09:50:02Z

**Delta Env. Consultants San Jose**

October 18, 2005

175 Bernal Road, Suite 200  
San Jose, CA 95119

Attn.: Garrett Haertel

Project#: SJ67-50S-1.JD2005

Project: 97464711

Site: 6750 Santa Rita Rd., Pleasanton, CA

Dear Mr. Haertel:

Attached is our report for your samples received on 10/10/2005 13:30

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 11/24/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: [mbrewer@stl-inc.com](mailto:mbrewer@stl-inc.com)

Sincerely,



Melissa Brewer  
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* [www.stl-inc.com](http://www.stl-inc.com) \* CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: SJ67-50S-1.JD2005  
97464711

Received: 10/10/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2 1100 GAL	10/07/2005 15:10	Water	1

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200  
San Jose, CA 95119  
Phone: (408) 826-1874 Fax: (408) 225-8506

Project: SJ67-50S-1.JD2005  
97464711

Received: 10/10/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Prep(s): 5030B    Test(s): 8260B  
Sample ID: MW-2 1100 GAL    Lab ID: 2005-10-0195 - 1  
Sampled: 10/07/2005 15:10    Extracted: 10/14/2005 11:56  
Matrix: Water    QC Batch#: 2005/10/14-1A.64  
Analysis Flag: L2, pH: <2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	500	ug/L	10.00	10/14/2005 11:56	
Benzene	ND	5.0	ug/L	10.00	10/14/2005 11:56	
Toluene	ND	5.0	ug/L	10.00	10/14/2005 11:56	
Ethylbenzene	ND	5.0	ug/L	10.00	10/14/2005 11:56	
Total xylenes	ND	10	ug/L	10.00	10/14/2005 11:56	
tert-Butyl alcohol (TBA)	130	50	ug/L	10.00	10/14/2005 11:56	
Methyl tert-butyl ether (MTBE)	1300	5.0	ug/L	10.00	10/14/2005 11:56	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	108.4	73-130	%	10.00	10/14/2005 11:56	
Toluene-d8	108.9	81-114	%	10.00	10/14/2005 11:56	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: SJ67-50S-1.JD2005  
97464711

Received: 10/10/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

**Method Blank**

MB: 2005/10/14-1A.64-020

**Water**

Test(s): 8260B

**QC Batch # 2005/10/14-1A.64**

Date Extracted: 10/14/2005 10:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	10/14/2005 10:20	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/14/2005 10:20	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/14/2005 10:20	
Benzene	ND	0.5	ug/L	10/14/2005 10:20	
Toluene	ND	0.5	ug/L	10/14/2005 10:20	
Ethylbenzene	ND	0.5	ug/L	10/14/2005 10:20	
Total xylenes	ND	1.0	ug/L	10/14/2005 10:20	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	99.2	73-130	%	10/14/2005 10:20	
Toluene-d8	104.2	81-114	%	10/14/2005 10:20	

**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: SJ67-50S-1.JD2005

97464711

Received: 10/10/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2005/10/14-1A.64**

LCS 2005/10/14-1A.64-059

Extracted: 10/14/2005

Analyzed: 10/14/2005 09:59

LCSD 2005/10/14-1A.64-041

Extracted: 10/14/2005

Analyzed: 10/14/2005 10:41

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	24.6	24.0	25	98.4	96.0	2.5	65-165	20		
Benzene	26.8	26.8	25	107.2	107.2	0.0	69-129	20		
Toluene	27.1	26.0	25	108.4	104.0	4.1	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	482	490	500	96.4	98.0		73-130			
Toluene-d8	540	539	500	108.0	107.8		81-114			

Severn Trent Laboratories, Inc.

STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

10/18/2005 13:11



**Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)**

Delta Env. Consultants San Jose  
 Attn.: Garrett Haertel  
 175 Bernal Road, Suite 200  
 San Jose, CA 95119  
 Phone: (408) 826-1874 Fax: (408) 225-8506  
 Project: SJ67-50S-1.JD2005  
 97464711

Received: 10/10/2005 13:30  
 Site: 6750 Santa Rita Rd., Pleasanton, CA

**Batch QC Report**

Prep(s): 5030B Test(s): 8260B

**Matrix Spike ( MS / MSD )** **Water** **QC Batch # 2005/10/14-1A.64**

MW-2 1100 GAL >> MS Lab ID: 2005-10-0195 - 001

MS: 2005/10/14-1A.64-017 Extracted: 10/14/2005 Analyzed: 10/14/2005 12:17

Dilution: 10.00

MSD: 2005/10/14-1A.64-038 Extracted: 10/14/2005 Analyzed: 10/14/2005 12:38

Dilution: 10.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	1610	1640	1280	250	132.0	144.0	8.7	65-165	20		
Benzene	292	306	4.51	250	115.0	120.6	4.8	69-129	20		
Toluene	293	302	ND	250	117.2	120.8	3.0	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	528	538		500	105.6	107.6		73-130			
Toluene-d8	542	556		500	108.4	111.2		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Delta Env. Consultants San Jose

Attn.: Garrett Haertel

175 Bernal Road, Suite 200

San Jose, CA 95119

Phone: (408) 826-1874 Fax: (408) 225-8506

Project: SJ67-50S-1.JD2005

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Received: 10/10/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

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Legend and Notes

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Analysis Flag

L2

Reporting limits were raised due to high level of analyte present in the sample.

1220 Quarry Lane  
Pleasanton, CA

(925)484-1919 (925)484-1096 fax

Equiva Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Denis Brown

2005-10-0195

INCIDENT NUMBER (S&E ONLY)

9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT)

DATE: 10-04-2005

PAGE: 1 of 1

SAMPLING COMPANY: <b>Delta Environmental Consultants</b>		LOG CODE:	SITE ADDRESS (Street and City): <b>6750 Santa Rita Rd, Pleasanton, CA</b>		GLOBAL ID NO.: <b>T0600102532</b>
ADDRESS: <b>175 Bernal Rd #200, San Jose, CA 95119</b>		EDF DELIVERABLE TO (Responsible Party or Designer): <b>Justin Link</b>		PHONE NO.: <b>408.224.4724</b>	E-MAIL: <b>jlink@deltaenv.com</b>
PROJECT CONTACT (Hardcopy or PDF Report to): <b>Garrett Haertel</b>		SAMPLER NAME(S) (Print): <b>Jim Bobey</b>		CONSULTANT PROJECT NO.:	
TELEPHONE: <b>(408) 224-4724</b>	FAX: <b>(408) 225-8506</b>	E-MAIL: <b>ghaertel@deltaenv.com</b>		LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS):  
 10 DAYS  5 DAYS  72 HOURS  48 HOURS  24 HOURS

LA - RWQCB REPORT FORMAT  UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST \_\_\_\_\_ HIGHEST per BORING \_\_\_\_\_ ALL \_\_\_\_\_

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED

Also email results to: damold@deltaenv.com

REQUESTED ANALYSIS

TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	TBA	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	VOCs Halogenated/Aromatic (8021B)	TRPH (418.1)	Vapor VOCs BTEX / MTBE (TO-15)	Vapor VOCs Full List (TO-15)	Vapor TPH (ASTM 3416m)	Vapor Fixed Gases (ASTM D1946)	Test for Disposal (4B-)	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note
X	X	X				X											

FIELD NOTES:  
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

2

5-Day Turnaround

Relinquished by (Signature):	Received by (Signature):	Date: 10/10/05	Time: 1330
Relinquished by (Signature):	Received by (Signature):	Date: 10/10/05	Time: 1800