RO 2522

Shell Oil Products US

Alameda County
AUG 24 2005
Environmental Health

August 22, 2005

Re: **Shell-branded Service Station**
6750 Santa Rita Road
Pleasanton, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document(s) or report are true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

Denis L. Brown
Sr. Environmental Engineer

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

RO-2522

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

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San Jose, California 95119 USA

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April 15, 2005
Project No. SJ67-50S-1.2005

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

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

Dear Mr. Schultz:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following first 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-4 were gauged and sampled by Blaine on January 26, 2005. Newly installed off-site Well MW-5 was gauged and sampled on February 10, 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), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert amyl methyl ether (TAME), and tert-butanol (TBA) using EPA Method 8260B. Benzene and MTBE 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.

OFF-SITE WELL INSTALLATION ACTIVITIES

Based on MTBE (18 microgram per liter) detected in one downgradient water sample collected in December 2003, Delta recommended the installation of downgradient monitoring Well MW-5 in a report titled *Cone Penetration Test (CPT) Groundwater Investigation*, dated March 3, 2004.

On January 26, 2005, Delta supervised the drilling and installation of off-site Well MW-5 by Gregg Drilling and Test, Inc. (Gregg) (C57: 485165). The well was installed under permit from the Zone 7 Water Agency. A copy of the well permit is provided as Attachment B. The proposed boring location for Well MW-5 was surveyed for possible underground utilities by a private utility locating firm and Underground Service Alert (USA). Prior to drilling, the boring was excavated with air-vac equipment to a depth of approximately 7 feet below grade (bg) in order to minimize the risk of damaging shallow underground utilities.

Well MW-5 was installed using 8-inch hollow-stem-augers. Soil samples were collected at 5-foot intervals between 10 feet and 35 feet bg. A Delta field geologist carefully examined the soil samples as they were collected. Soils were classified based on the Unified Soil Classification System using the American Society for Testing and Materials (ASTM) Method D-2487 published in May 2000. Samples were analyzed in the field by a photo-ionization detector (PID) to measure petroleum hydrocarbon concentrations in the soil. PID readings were recorded on the boring log. The boring log, including well construction details, is included as Attachment C.

The boring for Well MW-5 was converted to a groundwater monitoring well by the insertion of 2-inch diameter, schedule 40 polyvinyl chloride (PVC) casing. The well was constructed to a depth of 32 feet bg. The well was screened with a 0.020-inch manufactured well screen between 27 feet and 32 feet bg. A #3 sand pack was installed from the bottom of the well to approximately 1 foot above the top of the well screen. Two feet of bentonite was then placed above the sand pack, and a cement grout seal was then placed to approximately 1 foot bg. A traffic-rated vault box was constructed flush to the ground surface over the well.

On January 31, 2005, Mid Coast Engineers performed a location and elevation survey of Well MW-5. The survey results are included as Attachment D. On February 8, 2005, Blaine developed Well MW-5 utilizing a surge block and positive air displacement pump. Purge water was transported off site for disposal at the Shell refinery in Martinez, California. A Well Development Data Sheet is included in the Blaine report dated March 11, 2005 (Attachment A).

PREVIOUS REMEDIATION SUMMARY

Monthly batch extraction on Wells MW-2 and MW-3 was initiated during third quarter 2003, and continued through fourth quarter 2003. This remedial action was taken to address the presence of MTBE in groundwater. 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 discharge samples, collected periodically through out the extraction event, were analyzed for TPH-G, BTEX compounds, MTBE and TBA. With the exception of an increase of MTBE in Well MW-3, an overall decrease in concentrations was observed in site wells during the extraction activities indicating the successful mass removal of oxygenates.

GROUNDWATER EXTRACTION ACTIVITIES

Table 1 presents the total gallons extracted and hydrocarbon mass removal estimates from monthly extraction events during the third and fourth quarters 2003, the third quarter 2004 batch extraction activities, and the current first quarter 2005 batch extraction activities.

Due to increasing MTBE groundwater concentrations during fourth quarter 2004, Delta/Shell initiated an 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 discharge samples, collected periodically through out the extraction event, were analyzed for TPH-G, BTEX compounds, MTBE and TBA. Laboratory certified analytical reports and chain of custody documentation for the discharge samples are included as Attachment E. During the batch extraction, the concentration of MTBE in Well MW-2 decreased from 5,200 ug/l to 1,300 ug/l. With the exception of an increase of MTBE in Well MW-4, an overall decrease in concentrations was observed in site wells during extraction activities, indicating the successful mass removal of oxygenates. Groundwater analytical data is presented in Table 2.

DISCUSSION

Depth to groundwater in Wells MW-1, MW-3, and MW-4 decreased by an average of 1.87 feet since last quarter, while the depth to groundwater in Well MW-2 increased by 5.10 feet. Site wells were gauged by Blaine during batch extraction activities, and the increase in depth to water in Well MW-2 reflects a drawdown due to pumping. With the exception of second quarter 2004 (northwest), previous site data has indicated that the groundwater flow direction at the site varies from southeast to southwest. The groundwater gradient on January 26, 2005 was toward the southeast at a magnitude of 0.004 feet/feet.

MTBE continues to be detected in all on-site site wells (MW-1 through MW-4). The MTBE was detected in Wells MW-1, MW-2, and MW-3 decreased by an average of approximately 35 percent. The MTBE concentration in Well MW-4 increased from 35 ug/l last quarter to a historic high of 450 ug/l. MTBE was detected in the initial sample from newly installed off-site Well MW-5 at 5.1 ug/l. TBA was detected in all on-site wells at concentrations ranging from 43 ug/l to 2,300 ug/l. TBA concentrations in Wells MW-1, MW-2, and MW-3 have decreased by an average of approximately 50 percent since last quarter. TBA was detected for the first time in Well MW-4 at 43 ug/l. TPH-G and BTEX compounds remain below the laboratory detection limits in all site wells.

In the second quarter 2005 Blaine will gauge and sample site wells and tabulate the data. Delta will prepare a second quarter 2005 monitoring, sampling, and remediation status report for submittal to the Alameda County Health Care Services Agency.

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.

Sincerely,
Delta Environmental Consultants, Inc.

Garrett Haertel
Project Engineer

Debbie Arnold
Project Manager
PG 7745

Attachments: Table 1 – Groundwater Extraction – Mass Removal Data
Table 2 – Summary of Groundwater Data

Figure 1 – Site Location and Well Survey Map
Figure 2 – Groundwater Elevation Contour Map, January 26, 2005
Figure 3 – Benzene and MTBE Concentrations Map, January 26, 2005

Attachment A – Groundwater Monitoring and Sampling Report, March 11, 2005
Attachment B – Well Construction Permit
Attachment C – Well MW-5 Boring Log
Attachment D – Well Survey
Attachment E – Analytical Results for Groundwater Extraction Samples

cc: Denis Brown, Shell Oil Products US
Betty Graham, Regional Water Quality Control Board, San Francisco Bay Region

TABLE 1

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 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)
					TPH-G			Benzene			MTBE		
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**	**0.01656**	**0.14007**
06/30/03	MW-3	95	2,750	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	2,930	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	3,110	07/08/03	<10,000	0.00751	0.05593	<100	0.00008	0.00047	9,500	0.01427	0.10891

TABLE 1

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 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)
					TPH-G			**Benzene**			**MTBE**		
09/22/03	MW-3	126	3,236	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	3,359	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	3,512	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	3,619	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	3,649	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	3,869	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	5,919	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	6,119	09/10/04	<1,000	0.00083	0.08789	<1,000	0.00083	0.01143	3,600	0.00601	0.20274
Total Gallons Extracted:				**9,069**	**Total Pounds Removed:**		**0.117**	**Total Pounds Removed:**		**0.0117**	**Total Pounds Removed:**		**0.274**
Total Gallons Extracted This Reporting Period:				**2,950**	**Total Gallons Removed:**		**0.019**	**Total Gallons Removed:**		**0.00161**	**Total Gallons Removed:**		**0.044**

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

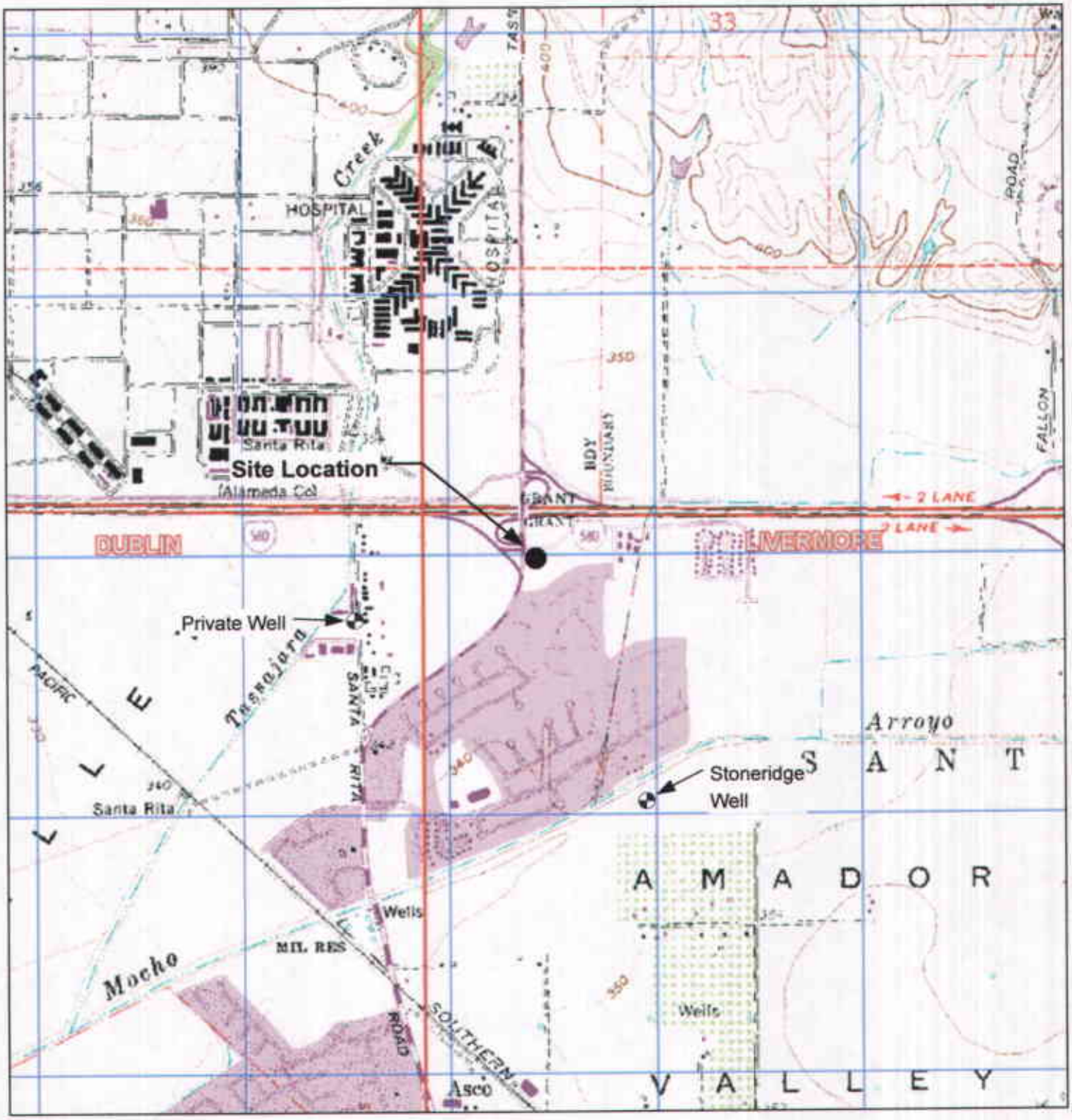
Mass removed based on the formula: volume extracted (gal) x Concentration (mg/L) x (g/10^3mg) x (pound/453.6g) x (3.785 L/gal)
Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)
TPH-G, benzene analyzed by EPA Method 8015/8020

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.

Table 2
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)
MW-1	MW-1 5 GAL	7/30/2004	<1000	<10	<10	<10	<10	830	1,400
	MW-1 125 GAL	8/2/2004	<500	<5.0	<5.0	<5.0	<10	910	840
	MW-1	8/5/2004	<500	<5.0	<5.0	<5.0	<10	<50	770
	MW-1	8/11/2004	<500	<5.0	<5.0	<5.0	<10	430	770
Quarterly Sampling	MW-1	4/6/2004	<1300	<13	<13	<13	<25	3,500	3,300
		7/30/2004	<1300	<13	<13	<13	<25	600	1,000
		10/7/2004	<250	<2.5	<2.5	<2.5	<5	390	530
		1/26/2005	<250	<2.5	<2.5	<2.5	<5	130	320
MW-2	MW-2 25 GAL	7/20/2004	<2500	<25	<25	<25	<50	3,500	3,500
	MW-2 600 GAL	7/23/2004	<2500	<25	<25	<25	<50	3,100	3,300
	MW-2 1300 GAL	7/27/2004	<2500	<25	<25	<25	<50	2,400	2,800
	MW-2 1925 GAL	7/30/2004	<2000	<20	<20	<20	<40	2,100	2,000
	MW-2 11 GAL	1/18/2005	<2500	<25	<25	<25	<50	4,000	5,200
	MW-2 2950 GAL	1/31/2005	<2500	<25	<25	<25	<50	850	1,300
Quarterly Sampling	MW-2	4/6/2004	<2000	<20	<20	<20	<40	5,100	4,600
		7/30/2004	<500	<5.0	<5.0	<5.0	<10	950	1,000
		10/7/2004	<2500	<25	<25	<25	<50	6,500	6,300
		1/26/2005	<1300	<13	<13	<13	<25	2,300	2,100
MW-3	MW-3 @ 30 GAL	9/2/2004	<1300	<13	<13	<13	<25	1,700	2,000
	MW-3 @ 250 GAL	9/3/2004	<1300	<13	<13	<13	<25	1,600	2,600
	MW-3 @ 2300 GAL	9/7/2004	<1000	<10	<10	<10	<20	1,700	2,600
	MW-3 END	9/10/2004	<1000	<10	<10	<10	<20	1,600	3,600
Quarterly Sampling	MW-3	4/6/2004	<5000	<50	<50	<50	<100	2,100	4,200
		7/30/2004	<2500	<25	<25	<25	<50	1,200	3,000
		10/7/2004	<1000	<10	<10	<10	<20	320	860
		1/26/2005	<500	<5	<5	<5	<10	250	820
Quarterly Sampling	MW-4	4/6/2004	<50	<0.50	<0.50	<0.50	<1.0	<5.0	16
		7/30/2004	<50	<0.50	<0.50	<0.50	<1.0	<5.0	25
		10/7/2004	<50	<0.5	<0.5	<0.5	<1.0	<5.0	35
		1/26/2005	<250	<2.5	<2.5	<2.5	<5.0	43	450
Quarterly Sampling	MW-5	2/10/2005	<50	<0.50	<0.50	<0.50	<1.0	<5.0	5.1

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



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

North

QUADRANGLE LOCATION

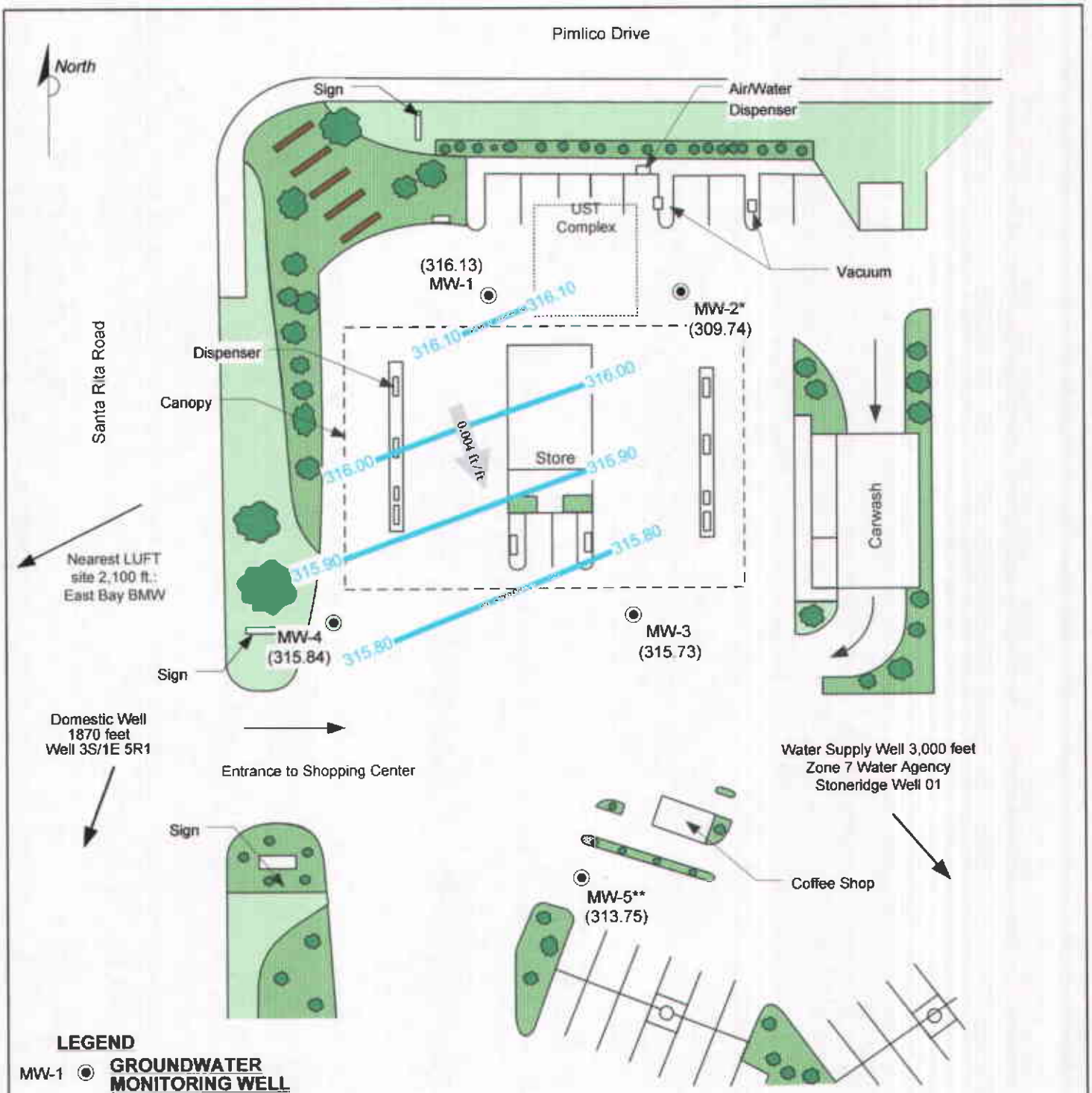
0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION AND WELL SURVEY MAP

SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-505-1.2004	DRAWN BY VF 12/04/03
FILE NO. SJ67-505-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(315.84) **GROUNDWATER ELEVATION (FEET-MSL), 1/26/05**

315.00 **GROUNDWATER ELEVATION CONTOUR**

0.005 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRESTION AND GRADIENT**

* **GAUGED DURING EXTRACTION ACTIVITIES, NOT CONTOURED**

** **GAUGED AND SAMPLED ON 2/10/05, NOT CONTOURED**

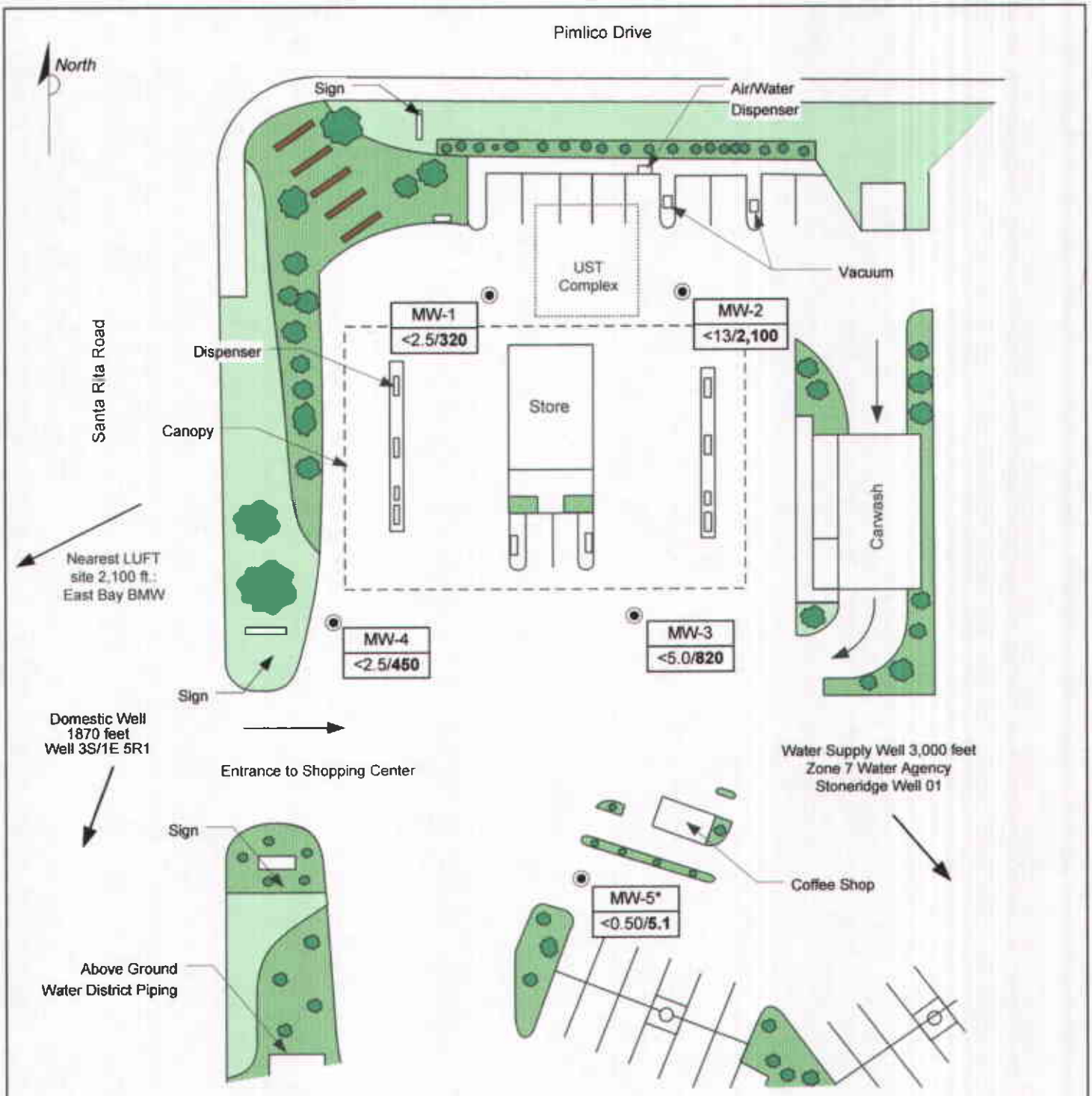
0 40 FT

APPROX. SCALE

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP,
JANUARY 26, 2005
SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-505-1.2005	DRAWN BY V. F.
FILE NO. SJ67-505-1.2005	PREPARED BY V.F.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

<0.50/<0.50 **BENZENE/MTBE CONCENTRATIONS (UG/L), 1/26/05**

* **GAUGED AND SAMPLED ON 2/10/05**

0 40 FT

APPROX. SCALE

FIGURE 3

BENZENE AND MTBE CONCENTRATIONS MAP, JANUARY 26, 2005

SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-50S-1.2005	DRAWN BY V. F.
FILE NO. SJ67-50S-1.2005	PREPARED BY V.F.
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 11, 2005

Karen Petryna
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

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

Monitoring performed on January 26 and
February 8 and 10, 2005

Groundwater Monitoring Report **050126-SS-3**

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,

Leon Gearhart
Project Coordinator

LG/ks

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

cc: Garrett Haertel
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)
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-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
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

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	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-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
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

WELL CONCENTRATIONS
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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-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-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
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

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-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

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:
Site surveyed November 22, 2002 by Mid Coast Engineers.
MW-5 surveyed January 31, 2005 by Mid Coast Engineers of Watsonville, CA.

SEVERN TRENT STL

Submission#: 2005-01-0773

Blaine Tech Services, Inc.

February 10, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 050126-SS3
Project: 97464711
Site: 6750 Santa Rita Rd., Pleasanton

Dear Mr.Gearhart,

Attached is our report for your samples received on 01/27/2005 14:38
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 03/13/2005 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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2005-01-0773

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	01/26/2005 14:35	Water	1
MW-2	01/26/2005 14:14	Water	2
MW-3	01/26/2005 15:22	Water	3
MW-4	01/26/2005 14:59	Water	4

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-1**
Sampled: 01/26/2005 14:35
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-01-0773 - 1
Extracted: 2/8/2005 11:03
QC Batch#: 2005/02/08-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	250	ug/L	5.00	02/08/2005 11:03	
Benzene	ND	2.5	ug/L	5.00	02/08/2005 11:03	
Toluene	ND	2.5	ug/L	5.00	02/08/2005 11:03	
Ethylbenzene	ND	2.5	ug/L	5.00	02/08/2005 11:03	
Total xylenes	ND	5.0	ug/L	5.00	02/08/2005 11:03	
tert-Butyl alcohol (TBA)	130	25	ug/L	5.00	02/08/2005 11:03	
Methyl tert-butyl ether (MTBE)	320	2.5	ug/L	5.00	02/08/2005 11:03	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	02/08/2005 11:03	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	02/08/2005 11:03	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	02/08/2005 11:03	
Surrogate(s)						
1,2-Dichloroethane-d4	102.6	73-130	%	5.00	02/08/2005 11:03	
Toluene-d8	100.6	81-114	%	5.00	02/08/2005 11:03	

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

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Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 01/26/2005 14:14
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-01-0773 - 2
Extracted: 2/7/2005 13:07
QC Batch#: 2005/02/07-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	1300	ug/L	25.00	02/07/2005 13:07	
Benzene	ND	13	ug/L	25.00	02/07/2005 13:07	
Toluene	ND	13	ug/L	25.00	02/07/2005 13:07	
Ethylbenzene	ND	13	ug/L	25.00	02/07/2005 13:07	
Total xylenes	ND	25	ug/L	25.00	02/07/2005 13:07	
tert-Butyl alcohol (TBA)	2300	130	ug/L	25.00	02/07/2005 13:07	
Methyl tert-butyl ether (MTBE)	2100	13	ug/L	25.00	02/07/2005 13:07	
Di-isopropyl Ether (DIPE)	ND	50	ug/L	25.00	02/07/2005 13:07	
Ethyl tert-butyl ether (ETBE)	ND	50	ug/L	25.00	02/07/2005 13:07	
tert-Amyl methyl ether (TAME)	ND	50	ug/L	25.00	02/07/2005 13:07	
Surrogate(s)						
1,2-Dichloroethane-d4	102.0	73-130	%	25.00	02/07/2005 13:07	
Toluene-d8	102.2	81-114	%	25.00	02/07/2005 13:07	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 01/26/2005 15:22
Matrix: Water

Test(s): 8260B
Lab ID: 2005-01-0773 - 3
Extracted: 2/7/2005 13:26
QC Batch#: 2005/02/07-1B.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	500	ug/L	10.00	02/07/2005 13:26	
Benzene	ND	5.0	ug/L	10.00	02/07/2005 13:26	
Toluene	ND	5.0	ug/L	10.00	02/07/2005 13:26	
Ethylbenzene	ND	5.0	ug/L	10.00	02/07/2005 13:26	
Total xylenes	ND	10	ug/L	10.00	02/07/2005 13:26	
tert-Butyl alcohol (TBA)	250	50	ug/L	10.00	02/07/2005 13:26	
Methyl tert-butyl ether (MTBE)	820	5.0	ug/L	10.00	02/07/2005 13:26	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	10.00	02/07/2005 13:26	
Ethyl tert-butyl ether (ETBE)	ND	20	ug/L	10.00	02/07/2005 13:26	
tert-Amyl methyl ether (TAME)	ND	20	ug/L	10.00	02/07/2005 13:26	
Surrogate(s)						
1,2-Dichloroethane-d4	103.3	73-130	%	10.00	02/07/2005 13:26	
Toluene-d8	96.0	81-114	%	10.00	02/07/2005 13:26	

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 01/26/2005 14:59
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-01-0773 - 4
Extracted: 2/7/2005 13:45
QC Batch#: 2005/02/07-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	250	ug/L	5.00	02/07/2005 13:45	
Benzene	ND	2.5	ug/L	5.00	02/07/2005 13:45	
Toluene	ND	2.5	ug/L	5.00	02/07/2005 13:45	
Ethylbenzene	ND	2.5	ug/L	5.00	02/07/2005 13:45	
Total xylenes	ND	5.0	ug/L	5.00	02/07/2005 13:45	
tert-Butyl alcohol (TBA)	43	25	ug/L	5.00	02/07/2005 13:45	
Methyl tert-butyl ether (MTBE)	450	2.5	ug/L	5.00	02/07/2005 13:45	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	02/07/2005 13:45	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	02/07/2005 13:45	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	02/07/2005 13:45	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	73-130	%	5.00	02/07/2005 13:45	
Toluene-d8	97.4	81-114	%	5.00	02/07/2005 13:45	

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/02/07-1B.69-049

Water

Test(s): 8260B
QC Batch # 2005/02/07-1B.69
Date Extracted: 02/07/2005 07:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/07/2005 07:49	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/07/2005 07:49	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/07/2005 07:49	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/07/2005 07:49	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/07/2005 07:49	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/07/2005 07:49	
Benzene	ND	0.5	ug/L	02/07/2005 07:49	
Toluene	ND	0.5	ug/L	02/07/2005 07:49	
Ethylbenzene	ND	0.5	ug/L	02/07/2005 07:49	
Total xylenes	ND	1.0	ug/L	02/07/2005 07:49	
Surrogates(s)					
1,2-Dichloroethane-d4	99.0	73-130	%	02/07/2005 07:49	
Toluene-d8	100.4	81-114	%	02/07/2005 07:49	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/02/08-1A.69-036

Water

Test(s): 8260B
QC Batch # 2005/02/08-1A.69
Date Extracted: 02/08/2005 07:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/08/2005 07:36	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/08/2005 07:36	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/08/2005 07:36	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/08/2005 07:36	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/08/2005 07:36	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/08/2005 07:36	
Benzene	ND	0.5	ug/L	02/08/2005 07:36	
Toluene	ND	0.5	ug/L	02/08/2005 07:36	
Ethylbenzene	ND	0.5	ug/L	02/08/2005 07:36	
Total xylenes	ND	1.0	ug/L	02/08/2005 07:36	
Surrogates(s)					
1,2-Dichloroethane-d4	100.0	73-130	%	02/08/2005 07:36	
Toluene-d8	103.6	81-114	%	02/08/2005 07:36	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/02/07-1B.69

LCS 2005/02/07-1B.69-031
LCSD

Extracted: 02/07/2005

Analyzed: 02/07/2005 07:31

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	28.1		25	112.4			65-165	20		
Benzene	24.7		25	98.8			69-129	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	484		500	96.8			73-130			
Toluene-d8	498		500	99.6			81-114			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/02/08-1A.69

LCS 2005/02/08-1A.69-017

LCSD

Extracted: 02/08/2005

Analyzed: 02/08/2005 07:17

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.9		25	95.6			65-165	20		
Benzene	23.2		25	92.8			69-129	20		
Toluene	24.8		25	99.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	455		500	91.0			73-130			
Toluene-d8	501		500	100.2			81-114			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/02/07-1B.69**

MS/MSD

Lab ID: 2005-01-0770 - 001

MS: 2005/02/07-1B.69-011 Extracted: 02/07/2005 Analyzed: 02/07/2005 12:11

Dilution: 1.00

MSD: 2005/02/07-1B.69-030 Extracted: 02/07/2005 Analyzed: 02/07/2005 12:30

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.6	25.6	ND	25	106.4	102.4	3.8	65-165	20		
Benzene	23.3	22.3	ND	25	93.2	89.2	4.4	69-129	20		
Toluene	25.4	24.3	ND	25	101.6	97.2	4.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	493	471		500	98.6	94.2		73-130			
Toluene-d8	506	506		500	101.3	101.2		81-114			

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/02/08-1A.69**

MS/MSD

Lab ID: 2005-02-0088 - 001

MS: 2005/02/08-1A.69-031 Extracted: 02/08/2005 Analyzed: 02/08/2005 08:31

Dilution: 1.00

MSD: 2005/02/08-1A.69-050 Extracted: 02/08/2005 Analyzed: 02/08/2005 08:50

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	25.8	27.2	ND	25	103.2	108.8	5.3	65-165	20		
Benzene	21.7	23.5	ND	25	86.8	94.0	8.0	69-129	20		
Toluene	24.0	27.0	ND	25	96.0	108.0	11.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	510	506		500	102.0	101.2		73-130			
Toluene-d8	517	568		500	103.4	113.6		81-114			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050126-SS3
97464711

Received: 01/27/2005 14:38

Site: 6750 Santa Rita Rd., Pleasanton

Legend and Notes

Analysis Flag

L2

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

LAB: STL

97826

SHELL Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

Karen Petryna

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

2005-01-0775

INCIDENT NUMBER (S&E ONLY): 9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 1/26/05

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	
PROJECT CONTACT (for Hardcopy or PDF Report to): Leon Gearhart	
TELEPHONE: 408-573-0555	FAX: 408-573-7771
E-MAIL: lgearhart@blainetech.com	
SITE ADDRESS (Street and City): 6750 Santa Rita Rd., Pleasanton	GLOBAL ID NO.: T0600102532
EDF DELIVERABLE TO (Responsible Party or Consultant): Vern Fischer	PHONE NO.: (408)224-4724
E-MAIL: vfischer@deltaenv.com	CONSULTANT PROJECT NO.: 930126453
SAMPLER NAME(S) (Print): Sukhbir Singh	BTS #
LAB USE ONLY	

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GCMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	TBA	TPH - Diesel, Extractable
	mw-1	1/26/05	1435	GW	3	X	X		X	X	X	
	mw-2	"	1409	"	"	X	X		X	X	X	
	mw-3	"	1522	"	"	X	X		X	X	X	
	mw-4	"	1459	"	"	X	X		X	X	X	

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

2 oc

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date: 1/26/05	Time: 1938
Relinquished by: (Signature) 1/27/05 1654	Received by: (Signature)	Date: 01/27/05	Time: 1654
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

10/1999 Revision

SEVERN TRENT STL

Submission#: 2005-02-0393

Blaine Tech Services, Inc.

February 25, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 050210-DA3
Project: 97464711
Site: 6750 Santa Rita Rd., Pleasanton

Dear Mr.Gearhart,

Attached is our report for your samples received on 02/11/2005 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 03/28/2005 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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2005-02-0393

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

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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

Project: 050210-DA3
97464711

Received: 02/11/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-5	02/10/2005 14:50	Water	1

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050210-DA3
97464711

Received: 02/11/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-5**
Sampled: 02/10/2005 14:50
Matrix: Water

Test(s): 8260B
Lab ID: 2005-02-0393 - 1
Extracted: 2/21/2005 22:05
QC Batch#: 2005/02/21-2B.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	02/21/2005 22:05	
Benzene	ND	0.50	ug/L	1.00	02/21/2005 22:05	
Toluene	ND	0.50	ug/L	1.00	02/21/2005 22:05	
Ethylbenzene	ND	0.50	ug/L	1.00	02/21/2005 22:05	
Total xylenes	ND	1.0	ug/L	1.00	02/21/2005 22:05	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/21/2005 22:05	
Methyl tert-butyl ether (MTBE)	5.1	0.50	ug/L	1.00	02/21/2005 22:05	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/21/2005 22:05	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/21/2005 22:05	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/21/2005 22:05	
Surrogate(s)						
1,2-Dichloroethane-d4	110.5	73-130	%	1.00	02/21/2005 22:05	
Toluene-d8	106.9	81-114	%	1.00	02/21/2005 22:05	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050210-DA3
97464711

Received: 02/11/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/02/21-2B.68-022

Water

Test(s): 8260B
QC Batch # 2005/02/21-2B.68
Date Extracted: 02/21/2005 16:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/21/2005 16:22	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/21/2005 16:22	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/21/2005 16:22	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/21/2005 16:22	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/21/2005 16:22	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/21/2005 16:22	
Benzene	ND	0.5	ug/L	02/21/2005 16:22	
Toluene	ND	0.5	ug/L	02/21/2005 16:22	
Ethylbenzene	ND	0.5	ug/L	02/21/2005 16:22	
Total xylenes	ND	1.0	ug/L	02/21/2005 16:22	
Surrogates(s)					
1,2-Dichloroethane-d4	103.6	73-130	%	02/21/2005 16:22	
Toluene-d8	106.4	81-114	%	02/21/2005 16:22	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050210-DA3
97464711

Received: 02/11/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/02/21-2B.68**

LCS 2005/02/21-2B.68-005 Extracted: 02/21/2005 Analyzed: 02/21/2005 16:05

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	18.8		25	75.2			65-165	20		
Benzene	20.1		25	80.4			69-129	20		
Toluene	21.8		25	87.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	444		500	88.8			73-130			
Toluene-d8	552		500	110.4			81-114			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 050210-DA3
97464711

Received: 02/11/2005 13:30

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/02/21-2B.68**

MS/MSD

Lab ID: 2005-02-0475 - 018

MS: 2005/02/21-2B.68-045 Extracted: 02/21/2005 Analyzed: 02/21/2005 17:45

Dilution: 1.00

MSD: 2005/02/21-2B.68-002 Extracted: 02/21/2005 Analyzed: 02/21/2005 18:02

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	20.2	20.9	ND	25	80.8	83.6	3.4	65-165	20		
Benzene	21.0	21.1	ND	25	84.0	84.4	0.5	69-129	20		
Toluene	22.5	23.2	ND	25	90.0	92.8	3.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	460	447		500	92.0	89.4		73-130			
Toluene-d8	538	529		500	107.6	105.8		81-114			

LAB: STL

Lab Identification (if necessary):

Address:

City, State, Zip:

SHELL Chain Of Custody Record

1018004

Shell Project Manager to be invoiced: Karen Petryna

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

2005-02-0393

INCIDENT NUMBER (S&E ONLY): 9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 2/10/05

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS (Street and City): 6750 Santa Rita Rd., Pleasanton	GLOBAL ID NO.: T0600102532
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Vera Fischer	PHONE NO.: (408)224-4724
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart		EMAIL: vfischer@deltaenv.com	CONSULTANT PROJECT NO.: 050210-DA3
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com	BTS #:
SAMPLER NAME(S) (Print): David Alkhat			LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GEOMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)		TPH - Diesel, Extractable												
	MW-5	2/10/05	1450	W	3	X	X			X														

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

TEMPERATURE ON RECEIPT C° 2

Relinquished by: (Signature) David Alkhat	Received by: (Signature)	Date: 2/10/05	Time: 1330
Relinquished by: (Signature) 2/10/05 1942	Received by: (Signature)	Date: 2/10/05	Time: 19:42
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

10/1999 Revision

Q&Q Graphics (714) 998-8702

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Date 1/26/05 Client Shell

Site Address 6750 Santa Rita Rd. Pleasanton

Job Number 050126-553 Technician Sooq

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1	X							
MW-2	X							
MW-3	X							
MW-4	X							

NOTES: _____

SITE INSPECTION CHECKLIST

Client Shell Date 1/26/05

Site Address 6750 Santa Rita Rd., Pleasanton

Job Number 050126-MG2 Technician MG

Site Status Shell Branded Station Vacant Lot Other

Inspected / ~~Labeled~~ / Cleaned - All Wells on Scope Of Work (missing)	☒	
Inspected / Cleaned Components - All Other Identifiable Wells	☐	(N/A)
Inspected Site for Investigation Related Trip Hazards	☒	
Addressed All Outstanding Wellhead Repair Order(s)	☒	N/A
Completed Repair Data Sheets(s)	☒	N/A
Inspected Treatment / Remediation System Compound For Security, Cleanliness and Appearance	☒	N/A
Inspected Vacant Lot for Signs of Habitation, Hazardous Materials or Terrain, Overgrown Vegetation and Security	☐	(N/A)

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

Outstanding Problems / Comments (In addition to other issues, note all SOW wellboxes that, by design, are not securable)

MW-2 has temporary above grade ext. system setup.

PROJECT COORDINATOR ONLY

Checklist Reviewed LL 1/27/05 Initial/Date Notes

REPAIR DATA SHEET

Client Shell Date 1/26/05

Site Address 6750 Santa Rita Rd., Pleasanton

Job Number 050126-MG2 Technician MS

Repair Location MW-1

Deficiencies Corrected Gasket in pieces, bolt missing. Tapped tab, + added 1 new bolt, + gasket.

Materials Used 1 bolt, gasket

Repair Location MW-3

Deficiencies Corrected Gasket broken, bolt missing. Tapped tab, + added 1 new bolt + gasket. Cap rusted stuck. Added new 2" cap.

Materials Used 1 bolt, gasket, 2" cap

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used

WELL GAUGING DATA

Project # 050126-553 Date 1/26/05 Client 9 746 4711

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 TOC	
MW-1	2					27.35	41.72		
* MW-2	2					33.12	41.85		
* MW-3	2					26.50	44.10		
MW-4	2					27.60	44.00		
* DELTA TECH		GAUGED W/ PUMP IN WELL.							

SHELL WELL MONITORING DATA SHEET

BTS #: 050126-553	Site: 97464711
Sampler: Sooch	Date: 1/26/05
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 41.72	Depth to Water (DTW): 27.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.22	

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: _____

2.3 (Gals.) X 3 = 6.9 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1425	65.4	7.5	2159	458	2.3	cloudy
1428	66.1	7.6	2283	546	4.6	"
1431	65.6	7.6	2271	306	7.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 7

Sampling Date: 1/26/05 Sampling Time: 1435 Depth to Water: 30.21

Sample I.D.: MW-1 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, OXY'S

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 #: 050126-555	Site: 97464711
Sampler: Sooch	Date: 1/26/05
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 41.85	Depth to Water (DTW): 33.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.87	

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: _____

1.4 (Gals.) X	3	=	4.2 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1407	65.8	7.8	2468	729	1.4	cloudy
1409	65.9	7.8	2574	>1000	2.8	"
1411	66.2	7.8	2677	>1000	4.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 1/26/05 Sampling Time: 1414 Depth to Water: 34.15

Sample I.D.: MW-2 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, OXY'S

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 #: 050126-553	Site: 97464711
Sampler: Sooch	Date: 1/26/05
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 44.10	Depth to Water (DTW): 26.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.02	

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: _____

1 Case Volume		Specified Volumes		Calculated Volume
2.8	(Gals.) X	3	=	8.4 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1510	66.2	7.8	4107	>1000	2.8	cloudy
1514	66.4	7.7	4287	>1000	5.6	"
1518	66.5	7.7	4311	>1000	8.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 8.5

Sampling Date: 1/26/05 Sampling Time: 1522 Depth to Water: 30.00

Sample I.D.: MW-3 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, OXY'S

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 #: 050126-553	Site: 97464711
Sampler: Sooch	Date: 1/26/05
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 44.00	Depth to Water (DTW): 27.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.88	

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: _____

2.6 (Gals.) X	3	= 7.8 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1445	64.5	7.5	2091	338	2.6	TURBID
1448	65.1	7.5	2160	343	5.2	"
1451	65.1	7.5	2117	454	8.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Date: 1/26/05 Sampling Time: 1459 Depth to Water: ~~DK~~ 30.88

Sample I.D.: MW-4 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TBA, OXY'S

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

WELLHEAD INSPECTION CHECKLIST

Date 2/3/05 Client Shell

Site Address 6750 Santa Rita, Pleasanton

Job Number 050203-MT1 Technician MTell

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-5						✓		

NOTES:

WELL GAUGING DATA

Project # 050208-MT1 Date 2/8/05 Client Shell

Site 6750 Santa Rita, 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 TOC	
MW-5	2					26.33	32.00		

WELL DEVELOPMENT DATA SHEET

Project #: 050203-MT1	Client: 9746471
Developer: MTH	Date Developed: 2/3/05
Well I.D. MW-5	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 32.00 After 32.01	Depth to Water: Before 26.32 After 31.73
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

0.32	X	10	=	3.2
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☑ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump _____
Other equipment used 2" Surge Block

TIME	TEMP (F)	pH	Cond. (mS or (uS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
	Surged well for 15 min.					
0920	56.6	6.7	3671	>1000	0.32	Hard Bottom, Removing Silt
0922	61.7	7.0	3470	>1000	1.64	" "
0925	62.0	7.1	3462	>1000	2.46	" "
0927	64.1	7.1	3612	>1000	3.3	" "
0928	64.1	7.1	3620	>1000	4.2	" "
0930	63.5	7.8	3641	>1000	5.1	" "
0932	63.7	7.7	3640	>1000	6	" "
	Stop & surged well for 5 min				6.4	DTW = 31.12
0935	64.0	7.4	3820	>1000	6.9	DTW = 30.00, Hand bailed
0939	63.5	7.3	3970	>1000	7.8	" "
0945	64.0	7.1	3900	>1000	8.2	" "

Did Well Dewater? Yes — If yes, note above. — Gallons Actually Evacuated: 8.2

WELLHEAD INSPECTION CHECKLIST

Date 2/10/05 Client Shell

Site Address 6750 Santa Rita Rd. Pleasanton, CA

Job Number 050210-043 Technician DA

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-5	X							

NOTES:

WELL GAUGING DATA

Project # 050210-DA3 Date 2/10/05 Client Shell

Site 6750 Santa Rita Rd. Pleasanton, CA

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 TOC	
MW-5	2					27.13	31.95	TOC	

SHELL WELL MONITORING DATA SHEET

BTS #: 050210-DA3	Site: 6750 Santa Rita Rd. Pleasanton, CA
Sampler: DA	Date: 2/10/05
Well I.D.: 3 MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 31.95	Depth to Water (DTW): 27.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.09	

Purge Method: X Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

0.8 (Gals.) X 3 = 2.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1443	66.5	6.8	1334	>1000	1	tan, silty
1444	66.7	6.9	3417	>1000	2	"
1445	67.2	6.9	3423	>1000	2.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 2.5

Sampling Date: 2/10/05 Sampling Time: 1450 Depth to Water: 29.33 @ site departure

Sample I.D.: MW-5 Laboratory: (STL) Other_____

Analyzed for: ~~TPH-G~~ ~~BTEX~~ ~~MTBE~~ TPH-D Other: Oxy's

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

WELL CONSTRUCTION PERMIT

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 6750 Santa Rita Rd.
Pleasanton - off site well at 6700 Santa Rita Rd, Pleasanton

California Coordinates Source _____ Accuracy± _____ ft.
CCN _____ ft. CCE _____ ft.
APN 946-1107-37

CLIENT
Name Shell Oil Products US
Address 20945 S. Wilmington Phone (559)645-9306
City Carson, CA Zip 90810

APPLICANT
Name Delta Environmental Consultants, Inc. Fax (408)225-8506
Address 175 Bernal Rd. Ste. 200 Phone (408)224-4724
City San Jose, CA Zip 95119

TYPE OF PROJECT:

Well Construction	☒	Geotechnical Investigation	☐
Well Destruction	☐	Contamination Investigation	☐
Cathodic Protection	☐	Other _____	☐

PROPOSED WELL USE:

Domestic	☐	Irrigation	☐
Municipal	☐	Remediation	☐
Industrial	☐	Groundwater Monitoring	☒
Dewatering	☐	Other _____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Hollow Stem Auger	☒
Cable Tool	☐	Direct Push	☐	Other _____	☐

DRILLING COMPANY Gregg Drilling and Testing
DRILLER'S LICENSE NO. C57-485165

WELL SPECIFICATIONS:
Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 in. Depth 50 ft.
Surface Seal Depth 23 ft. Number MW-5

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 1-26-05
ESTIMATED COMPLETION DATE 1-26-05

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Rebecca Wolff Date 1-11-05

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

* PERMIT NUMBER 25004
WELL NUMBER 3S/1E 4L5
APN 946-1101-037-00

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS:, Submit to Zone 7 within 60 days after completion of permitted work the well installation report **Including all soil and water laboratory analysis results**.

Approved Wyman Hong Date 1/11/05
Wyman Hong

* Please reference Permit number 24061 issued 5/24/04

Attachment C

WELL MW-5 BORING LOG

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	6750 Santa Rita Rd, Pleasanton	Page 1 of 2
Driller:	Gregg Drilling	Date Drilled:	1/26/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	35'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.02	Well Depth:	32'	
Gravel Pack:	#3 Sand	Casing Stickup:	-	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout					0			AF	Asphalt and base rock
					1			CL	**Lean CLAY**; gray, moderate plasticity
					2			CL	**Sandy Lean CLAY**; gray-brown, 25-35% medium grained sand
				Air Knifed	3				
					4				
					5				
					6			CL	**Lean CLAY**; dark gray, high plasticity, trace coarse grained sand, no dilatancy
					7				
					8				
					9				
				7	10				
		damp	0.2	8	11				(trace caliche, trace gravel, trace red mottling small shells in clay)
				12	12				
					13				
				5	14				(root holes, <5% coarse grained sand,
		damp	0.2	9					trace 1/4" gravel, increased caliche)
				12	15				
					16				
					17				
					18				
				4	19				(dark brown, trace caliche, root holes, trace
		damp	0.6	5					gravel, trace sand, dark brown mottling
				10	20				
					21				
					22				

Delta

Environmental Consultants, Inc.

Project No:	SJ67-50S-1	Client:	Shell Oil Products US	Well No: MW-5
Logged By:	Rebecca Wolff	Location:	6750 Santa Rita Rd, Pleasanton	Page 2 of 2
Driller:	Gregg Drilling	Date Drilled:	1/26/2005	
Drilling Method:	HSA	Hole Diameter:	8"	
Sampling Method:	Split Spoon	Hole Depth:	35'	
Casing Type:	Sch. 40 PVC	Well Diameter:	2"	
Slot Size:	0.02	Well Depth:	32'	
Gravel Pack:	#3 Sand	Casing Stickup:	-	
Elevation		Northing		Easting

Location Map

Please see site map

Well Completion (Backfill / Casing)	Static Water Level	Moisture Content	PID Reading (ppm)	Penetration (blows/6")	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
Grout / Bentonite / Sand					23			CL	continued (tan)
		damp	0.3	4 5 9	24 25			SP-SM CL	**SAND with Silt**; brown, coarse to very coarse sand, 5-15% silty fines **Lean CLAY**; tan-brown, 5-15% fine grained sand, some silty fines
	▼				26 27 28				
		moist wet damp	0.1	10 17 20	29 30			SM	**Silty SAND**; brown, medium to fine grained sand (fining downward), 20-30% silt
					31 32 33				
Sand		damp	0.1	3 4 5	34 35			CL	**Lean CLAY**; tan, 5-10% fine grained sand, medium plasticity Bottom of Boring at 35 ft
					36 37 38 39 40 41 42 43 44				

Attachment D

WELL SURVEY

Mid Coast Engineers
Civil Engineers and Land Surveyors
70 Penny Lane, Suite A - Watsonville, CA 95076
phone: (831) 724-2580
fax: (831) 724-8025
e-mail: lee@midcoastengineers.com

Richard A. Wadsworth
Civil Engineer
Stanley O. Nielsen
Land Surveyor
Lee D. Vaage
Land Surveyor
Jeff S. Nielsen
Land Surveyor

February 2, 2005

Rebecca Wolff
Delta Environmental Consultants, Inc.
175 Bernal Road, Suite 200
San Jose, CA 95119

Re: **Shell-branded Service Station, 6750 Santa Rita Road, Pleasanton, California;** DELTA Project No. SJ67-505-1, MCE Job No.02249X

Dear Ms. Wolff,

As you requested, on January 31 we surveyed one additional monitoring well located at the referenced site. Our findings are listed on the attached sheets, expressed in State Plane Coordinates and Latitude/Longitude, and are consistent with our previous survey of November 22, 2002.

A notch was cut in the north rim of the PVC casing (TOC) and a cross chiseled in the north rim of the box (TOB).

Measurements were obtained from conventional survey techniques in combination with GPS techniques (Code CGPS), using control points AA3813 (HPGN D CA 04 EK), AA3815 (HPGN D CA 04 FK) and HS5408 (HPGN CA 04 07), as published by NGS/NOAA and listed on their web site. Latitude and Longitude as shown were determined from the California Coordinate System, Zone 2, NAD 83 Datum. The accuracy range of the reported information is +/- 1cm. GPS equipment is the Trimble 5700/5800 system (Code T57/T58).

The benchmark used for this survey is Q 1257, a disk on the top of a copper coated rod, stamped "Q 1257 1974", at the junction of Santa Rita Road and Black Avenue, at the Amador Valley Community Park. Elevation = 341.578 feet, NGVD 29, as obtained from the City of Pleasanton Public Works Department.

Please let me know if you have questions or need additional information.

Yours truly,

Lee D. Vaage

SHELL BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

DELTA Project No. SJ67-505-1

Project : 02249X
User name MCE Date & Time 10:56:02 AM 2/2/2005
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Northing	Easting	Elevation	Description
212	2080035.73	6164819.32	340.88	MW-5toc
213	2080035.92	6164819.37	342.19	MW-5tob

SHELL BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

DELTA Project No. SJ67-505-1

Project : 02249X
User name MCE Date & Time 10:56:02 AM 2/2/2005 -
Coordinate System US State Plane 1983 Zone California Zone 3 0403
Project Datum NAD 1983 (Conus)
Vertical Datum NGVD29
Coordinate Units US survey feet
Distance Units US survey feet
Elevation Units US survey feet

Point Number	Latitude	Longitude	Elevation	Description
212	37.699393767°N	121.871725477°W	340.88	MW-5toc
213	37.699394278°N	121.871725291°W	342.19	MW-5tob

	A	B	C	D	E	F	G	H	I	J	K	L
1	**SHELL BRANDED SERVICE STATION**											
2	**6750 Santa Rita Road**											
3	**Pleasanton, California**											
4												
5	**DELTA Project No. SJ67-505-1**											
6												
7	Project : 02249X											
8	User name MCE			Date & Time	10:56:02 AM 2/2/2005							
9	Coordinate System	US State Plane 1983		Zone	California Zone 3 0403							
10	Project Datum	NAD 1983 (Conus)										
11	Vertical Datum	NGVD29										
12	Coordinate Units	US survey feet										
13	Distance Units	US survey feet										
14	Elevation Units	US survey feet										
15												
16		MW-5	MW	01/31/2005	37.6993938	-121.8717255	CGPS	NAD83	1	Mid Coast Engineers	T57/T58	top of casing

SHELL BRANDED SERVICE STATION										
6750 Santa Rita Road										
Pleasanton, California										
DELTA Project No. SJ67-505-1										
Project : 02249X										
User name MCE Date & Time 10:56:02 AM 2/2/2005										
Coordinate System US State Plane 1983 Zone California Zone 3 0403										
Project Datum NAD 1983 (Conus)										
Vertical Datum NGVD29										
Coordinate Units US survey feet										
Distance Units US survey feet										
Elevation Units US survey feet										
	MW-5	01/31/2005	340.88	CGPS	29	0.5		Mid Coast Engineers		top of casing

Attachment E

ANALYTICAL RESULTS FOR GROUNDWATER EXTRACTION SAMPLES

SEVERN TRENT STL

Submission#: 2005-01-0488

Delta Env. Consultants San Jose

January 27, 2005

175 Bernal Road, Suite 200
San Jose, CA 95119

Attn.: Garrett Haertel

Project#: Consultant Project #SJ67-50S-1
Project: 97464711
Site: 6750 Santa Rita Rd., Pleasanton, CA

Dear Mr. Haertel:

Attached is our report for your samples received on 01/19/2005 14:30
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 03/05/2005 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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2005-01-0488

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: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2 11 GAL	01/18/2005 11:35	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: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Prep(s): 5030B
Sample ID: **MW-2 11 GAL**
Sampled: 01/18/2005 11:35
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-01-0488 - 1
Extracted: 1/24/2005 20:52
QC Batch#: 2005/01/24-2B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2500	ug/L	50.00	01/24/2005 20:52	
Benzene	ND	25	ug/L	50.00	01/24/2005 20:52	
Toluene	ND	25	ug/L	50.00	01/24/2005 20:52	
Ethylbenzene	ND	25	ug/L	50.00	01/24/2005 20:52	
Total xylenes	ND	50	ug/L	50.00	01/24/2005 20:52	
tert-Butyl alcohol (TBA)	4000	250	ug/L	50.00	01/24/2005 20:52	
Methyl tert-butyl ether (MTBE)	5200	25	ug/L	50.00	01/24/2005 20:52	
Surrogate(s)						
1,2-Dichloroethane-d4	108.7	73-130	%	50.00	01/24/2005 20:52	
Toluene-d8	107.7	81-114	%	50.00	01/24/2005 20:52	

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: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/01/24-2B.69-027

Water

Test(s): 8260B
QC Batch # 2005/01/24-2B.69
Date Extracted: 01/24/2005 19:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	01/24/2005 19:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/24/2005 19:27	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/24/2005 19:27	
Benzene	ND	0.5	ug/L	01/24/2005 19:27	
Toluene	ND	0.5	ug/L	01/24/2005 19:27	
Ethylbenzene	ND	0.5	ug/L	01/24/2005 19:27	
Total xylenes	ND	1.0	ug/L	01/24/2005 19:27	
Surrogates(s)					
1,2-Dichloroethane-d4	95.4	73-130	%	01/24/2005 19:27	
Toluene-d8	88.8	81-114	%	01/24/2005 19:27	

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: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/01/24-2B.69**

LCS 2005/01/24-2B.69-034 Extracted: 01/24/2005 Analyzed: 01/24/2005 18:34

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.7		25	98.8			65-165	20		
Benzene	26.8		25	107.2			69-129	20		
Toluene	26.3		25	105.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	444		500	88.8			73-130			
Toluene-d8	495		500	99.0			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) 224-4724 Fax: (408) 224-4518

Project: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/01/24-2B.69**

MS/MSD

Lab ID: 2005-01-0498 - 001

MS: 2005/01/24-2B.69-015 Extracted: 01/24/2005 Analyzed: 01/24/2005 20:15

Dilution: 1.00

MSD: 2005/01/24-2B.69-031 Extracted: 01/24/2005 Analyzed: 01/24/2005 20:34

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.0	25.5	ND	25	120.0	102.0	16.2	65-165	20		
Benzene	30.3	26.1	ND	25	121.2	104.4	14.9	69-129	20		
Toluene	31.8	27.7	ND	25	127.2	110.8	13.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	497	504		500	99.4	100.8		73-130			
Toluene-d8	528	535		500	105.6	107.0		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) 224-4724 Fax: (408) 224-4518

Project: Consultant Project #SJ67-50S-1
97464711

Received: 01/19/2005 14:30

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.

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA

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

EQUIVA Services LLC Chain Of Custody Record

97573

Equiva Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

2005-01-0488

INCIDENT NUMBER (S&E ONLY): 9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 1-18-2005

PAGE: 1 of 1

SAMPLING COMPANY:	Delta Environmental Consultants
LOG CODE:	
ADDRESS:	175 Bernal Rd #200, San Jose, CA 95119
PROJECT CONTACT (Hardcopy or PDF Report to):	Garrett Haertel
TELEPHONE:	(408) 224-4724
FAX:	(408) 225-8506
E-MAIL:	ghaertel@deltaenv.com
SITE ADDRESS (Street and City):	6750 Santa Rita Rd, Pleasanton, CA
GLOBAL ID NO.:	T0600102532
EDF DELIVERABLE TO (Responsible Party or Designee):	
PHONE NO.:	408.224.4724
E-MAIL:	ghaertel@deltaenv.com darnold@deltaenv.com
CONSULTANT PROJECT NO.:	SJ67-50S-1
SAMPLER NAME(S) (Print):	Justin Link
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: darnold@deltaenv.com

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	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 (48-___)		TPH - Diesel, Extractable (8015m)		MTBE (8260B) Confirmation, See Note	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-2 11 GAL	1/18/2005	11:35	water	4	X	X		X			X														5-Day Turnaround

TEMPERATURE ON RECEIPT C°: 2°C

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		1-19-05	1430
Relinquished by: (Signature)	Received by: (Signature)	Date: 01-19-05	Time: 1745
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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

10/16/00 Revision

Q&Q Graphic (714) 558-5702

SEVERN TRENT STL

Submission#: 2005-02-0021

Delta Env. Consultants San Jose

February 08, 2005

175 Bernal Road, Suite 200
San Jose, CA 95119

Attn.: Garrett Haertel

Project#: Consultant Project #SJ67-50S-1
Project: 97464711
Site: 6750 Santa Rita Rd., Pleasanton, CA

Dear Mr. Haertel:

Attached is our report for your samples received on 02/01/2005 10:39
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 03/18/2005 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

Sincerely,

Melissa Brewer

Melissa Brewer
Project Manager

SEVERN TRENT STL

Submission: 2005-02-0021

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: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

Site: 6750 Santa Rita Rd., Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-2	01/31/2005 14:55	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: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

Site: 6750 Santa Rita Rd., Pleasanton, CA

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 01/31/2005 14:55
Matrix: Water
Analysis Flag: L2 (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2005-02-0021 - 1
Extracted: 2/7/2005 11:36
QC Batch#: 2005/02/07-1A.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	2500	ug/L	50.00	02/07/2005 11:36	
Benzene	ND	25	ug/L	50.00	02/07/2005 11:36	
Toluene	ND	25	ug/L	50.00	02/07/2005 11:36	
Ethylbenzene	ND	25	ug/L	50.00	02/07/2005 11:36	
Total xylenes	ND	50	ug/L	50.00	02/07/2005 11:36	
tert-Butyl alcohol (TBA)	850	250	ug/L	50.00	02/07/2005 11:36	
Methyl tert-butyl ether (MTBE)	1300	25	ug/L	50.00	02/07/2005 11:36	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	73-130	%	50.00	02/07/2005 11:36	
Toluene-d8	100.5	81-114	%	50.00	02/07/2005 11:36	

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: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/02/07-1A.62-006

Water

Test(s): 8260B
QC Batch # 2005/02/07-1A.62
Date Extracted: 02/07/2005 08:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/07/2005 08:06	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/07/2005 08:06	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/07/2005 08:06	
Benzene	ND	0.5	ug/L	02/07/2005 08:06	
Toluene	ND	0.5	ug/L	02/07/2005 08:06	
Ethylbenzene	ND	0.5	ug/L	02/07/2005 08:06	
Total xylenes	ND	1.0	ug/L	02/07/2005 08:06	
Surrogates(s)					
1,2-Dichloroethane-d4	99.2	73-130	%	02/07/2005 08:06	
Toluene-d8	95.6	81-114	%	02/07/2005 08:06	

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: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/02/07-1A.62**

LCS 2005/02/07-1A.62-041 Extracted: 02/07/2005 Analyzed: 02/07/2005 07:41

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.0		25	116.0			65-165	20		
Benzene	24.0		25	96.0			69-129	20		
Toluene	25.8		25	103.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	476		500	95.2			73-130			
Toluene-d8	487		500	97.4			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) 224-4724 Fax: (408) 224-4518

Project: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

Site: 6750 Santa Rita Rd., Pleasanton, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/02/07-1A.62**

MS/MSD

Lab ID: 2005-01-0849 - 002

MS: 2005/02/07-1A.62-053 Extracted: 02/07/2005

Analyzed: 02/07/2005 09:53

Dilution: 1.00

MSD: 2005/02/07-1A.62-019 Extracted: 02/07/2005

Analyzed: 02/07/2005 10:19

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.1	22.4	ND	25	92.4	89.6	3.1	65-165	20		
Benzene	20.3	23.5	ND	25	81.2	94.0	14.6	69-129	20		
Toluene	22.3	25.4	0.778	25	86.1	98.5	13.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	461	455		500	92.2	91.0		73-130			
Toluene-d8	514	481		500	102.8	96.2		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) 224-4724 Fax: (408) 224-4518

Project: Consultant Project #SJ67-50S-1
97464711

Received: 02/01/2005 10:39

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.

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA

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

EQUIVA Services LLC Chain Of Custody Record

97942

Equiva Project Manager to be invoiced:

☑ SCIENCE & ENGINEERING Karen Petryna
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

2005-02-0021

INCIDENT NUMBER (S&E ONLY): 9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT)

DATE: 1-31-2004

PAGE: 1 of 1

SAMPLING COMPANY: Delta Environmental Consultants

LOG CODE:

ADDRESS: 175 Bernal Rd #200, San Jose, CA 95119

PROJECT CONTACT (Hardcopy or PDF Report to): Garrett Haertel

TELEPHONE: (408) 224-4724 FAX: (408) 225-8506 E-MAIL: ghaertel@deltaenv.com

SITE ADDRESS (Street and City): 6750 Santa Rita Rd, Pleasanton, CA

GLOBAL ID NO.: T0600102532

EDF DELIVERABLE TO (Responsible Party or Designee):

PHONE NO.: 408.224.4724

E-MAIL: ghaertel@deltaenv.com

CONSULTANT PROJECT NO.: SJ67-50S-1

SAMPLER NAME(S) (Print): Justin Link

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☐ 10 DAYS ☑ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 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: darnold@deltaenv.com

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	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	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-2	1/31/2005	14:55	water	3	X	X		X			X														5-Day Turnaround

TEMPERATURE ON RECEIPT C°: 2°C

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	2/1/05	1039
[signature] 2/1/05 1822	[signature]	02/01/05	1822

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

10/16/00 Revision