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Alameda County
Environmental Health

August 7, 2008
Project No. SCA5251H1
SAP No. 135785

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services – Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-65771

DELTA

Re: Short Term Groundwater Batch Extraction Report
Shell-Branded Service Station
5251 Hopyard Road
Pleasanton, California

Dear Mr. Wickham:

Delta Consultants, Inc. (DELTA), on behalf of Shell Oil Products US (SHELL), has prepared this long term groundwater extraction report for the above referenced site (Figure 1). Groundwater for batch extraction was performed in order to reduce the mass of petroleum hydrocarbons and fuel related constituents in the groundwater and to evaluate groundwater extraction as a method of migration control.

SITE CONDITIONS

A summary of the site history and environmental data is contained in the October 2005 electronic Site Conceptual Model previously submitted to the ACHCSA. The site is underlain by silt and clay to a depth of approximately 80 feet below ground surface (bgs). Depth to water was approximately 7 to 9 feet bgs during the first quarter sampling event of February 1, 2007. Groundwater flow direction is typically northwesterly with a gradient of less than 0.01 ft/ft. The nearest water supply well is approximately 2,500 feet to the south. Current and historical groundwater gauging and analytical data are presented in Table 1, Well Concentrations.

a member of: Inogen Environmental Alliance

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SCOPE OF WORK FOR GROUNDWATER EXTRACTION SYSTEM INSTALLATION

Based on the results of previous groundwater sampling and batch groundwater extraction events, DELTA proposed to install an interim groundwater extraction system, which was connected to monitoring wells EW-1, EW-2 and S-2. The scope of work includes the installation of an electrical submersible pump in the monitoring well being actively pumped, and installation of above ground protected piping from monitoring wells EW-1, EW-2, and S-2 to a temporary, on-site, storage tank which was emptied and properly disposed on a weekly schedule (see Figure 2).

Extraction Wells

EW-1: Extraction well EW-1 is a 4 inch diameter monitoring well, installed to a depth of 20 feet. It has a screened section extending from 10 feet below ground surface (bgs) to 20 feet bgs with 0.01 inch slotted PVC.

EW-2: Extraction well EW-2 is a 6 inch diameter monitoring well, installed to a depth of 20 feet. It has a screened section extending from 10 feet bgs to 20 feet bgs with 0.01 inch stainless steel, wire wrap screen.

S-2: Monitoring well S-2 was installed by another consultant. Delta has been unable to locate boring logs for this well in SHELL or the previous consultant's files. From sampling observations and measurements taken by Blaine Technical Services during quarterly groundwater sampling, monitoring well S-2 is a 3 inch diameter monitoring well installed to a measured depth of approximately 24 feet.

RESULTS OF 90-DAY PUMPING TEST

Pumping Rate and Gallons Extracted

The system was operated for a period of 92 days. Wells EW-1 and EW-2 were pumped for approximately 30 days each. During system set up 0.4 gpm appeared to be the maximum pumping rate which could be reasonably maintained in wells EW-1 and EW-2. This rate could not be maintained at well S-2 where the extraction rate appeared to be between 0.1 and 0.3 gpm. The amount of groundwater discharged was approximately 6,349 gallons of fuel hydrocarbon impacted groundwater from EW-1; 6,276 gallons from EW-2 and 1,233 gallons from S-2 (see Tables 2, 3 and 4, Pump Data Sheets). An evaluation of the volume of water being discharged over this period of time indicates an effective pumping rate of approximately 0.15 gpm for extraction wells EW-1 and EW-2 and 0.03 gpm for extraction well S-2.

Sampling and Analyses

Groundwater samples were collected from each well at the start, middle and end of each cycle of extraction from wells EW-1, EW-2 and S-2. During these sampling events groundwater samples were also collected from groundwater monitoring wells S-1, S-3 and S-5. Groundwater samples were collected from non-pumping wells directly from the wells. Samples from the pumping well were collected from a sample port in the discharge hose located near the temporary water storage tank. Samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, xylene (BTEX), methyl tert-butyl ether (MTBE), tert-butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE) and tert-amyl methyl ether (TAME)

using EPA Method 8260B. A summary table of laboratory analytical results for the extraction wells is included as Table 5, and for the monitoring wells Table 6, the laboratory analytical reports are included as Attachment A.

Detected Concentration Levels and Mass Removal During 30 Day Test

Analytical results indicate, during the extraction periods, TPH-g concentrations increased in EW-2, generally decreased in EW-2 and increased in S-2. Benzene concentrations increased in EW-1, decreased in EW-2 and remained below detection limits in S-2. MTBE concentrations remained below detection limits in EW-1 and increased in EW-2 and S-2. TBA concentrations remained below detection limits in EW-1, generally decreased in EW-2 and remain generally unchanged in S-2.

A total of 13, 858 gallons of groundwater was extracted which removed approximately 0.274 liters of TPH-g, 0.013 liters of benzene, 0.003 liters of MTBE and 0.012 liters of TBA. These relatively low volumes are a result of the low extraction rate and low incoming concentrations.

Well EW-1

Groundwater extraction was initiated from well EW-1 on February 22, 2008 and continued through March 20, 2008. Sampling of the groundwater was performed on February 20, 2008, March 7, 2008 and March 21, 2008. The detected concentrations of TPH-g were 9,100 micrograms per liter (ug/l) on February 20, increased to 11,000 ug/l on March 7 and increased to 14,000 ug/l on March 21 (Table 1). Benzene concentrations were 110 ug/l on February 20, increased to 380 ug/l on March 7 and increased to 690 ug/l on March 21. MTBE and TBA were both below laboratory detection limits during EW-1 extraction. These analytical results indicate an increase in concentrations of TPH-g and benzene while MTBE and TBA remained below detection limits.

An analysis of the detected concentrations of TPH-g and benzene and the volume of groundwater removed from well EW-1 (6,349 gallons) indicates approximately 0.27 liters of TPH-g and 0.013 liters of benzene were removed from the groundwater at well EW-1.

Well EW-2

Groundwater extraction was initiated from well EW-2 on March 20, 2008 and continued through April 18, 2008. Sampling of the groundwater was performed on March 21, 2008, April 8, 2008, and April 21, 2008. The detected concentrations of TPH-g were 350 ug/l on March 21, decreased to <50 ug/l on April 8 and increased to 140 ug/l on March 21. Benzene concentrations were 5.3 ug/l on March 21 and decreased to <50 ug/l on April 8 and April 21. MTBE concentrations were <2.0 ug/l on March 21, decreased to 8.9 ug/l on April 8 and increased to 57 ug/l on April 21. TBA concentrations were 990 ug/l on March 21, decreased to 180 ug/l on April 8 and increased to 230 ug/l on April 21. These analytical results indicate an overall decrease in concentrations of TPH-g, benzene and TBA but an increase in MTBE.

An analysis of the detected concentrations of TPH-g, benzene, MTBE and TBA and the volume of groundwater removed from EW-2 (6,276 gallons) indicates approximately 0.0033 liters of TPH-g, <0.001 liters of benzene, <0.001 liters of MTBE and 0.011 liters of TBA were removed from the groundwater at well EW-2.

Well S-2

Groundwater extraction was initiated from well S-2 on April 18, 2008 and continued through May 23, 2008. Sampling of the groundwater was performed on April 21, 2008, May 6, 2008, and May 21, 2008. The detected

concentrations of TPH-g were 60 ug/l on April 21, increased to 62 ug/l on May 6 and increased to 130 ug/l on May 21. Benzene concentrations were < 0.50 ug/l for all three sampling events. MTBE concentrations were 8.6 ug/l on March 21, increased to 53 ug/l on May 6 and increased to 61 ug/l on May 21. TBA concentrations were 310 ug/l on April 21, decreased to 300 ug/l on May 6 and increased to 320 ug/l on May 21. These analytical results indicate an over all increase in concentrations of TPH-g and MTBE, while benzene remained below detection limits and TBA concentrations were almost unchanged.

An analysis of the detected concentrations of TPH-g, MTBE and TBA and the volume of groundwater removed from S-2 (1,233 gallons) indicates approximately <0.001 liters of TPH-g, <0.001 liters of MTBE and 0.001 liters of TBA were removed from the groundwater at well S-2.

Extent of Extraction

In addition sampling was performed at nearby monitoring wells to monitor the concentrations of fuel related constituents. These included monitoring well S-1, S-3 and S-5. An evaluation of these results indicates minimal influence to wells S-1 and S-5. During extraction from well EW-1 a consistent pattern of decreasing concentrations in well S-3 indicate the extent of extraction in this well included S-3. The very low pumping rates achieved at well S-2 would indicate very minimal effect from the extraction at this well. Analytical results are summarized in Tables 5 and 6.

EW-1

Extraction Well	Monitoring Well	Water Level	Water Level	Water Level	Water Level
EW-1		2/20/08	3/7/08	3/21/08	4/8/08
	S-1	8.70	10.54	9.79	8.27
	S-3	8.57	8.87	9.00	8.55

The two monitoring wells nearest extraction well EW-1 are S-1 and S-3. S-1 is located approximately 35 feet northeasterly and generally cross gradient from EW-1. During extraction from EW-1 the detected concentrations of TPH-g in samples from S-1 increased from 5,700 ug/l to 6,800 ug/l, followed by a decrease to 5,300 ug/l (Table 2). Benzene concentrations showed a constant decline from 29 ug/l to 25 ug/l to 22 ug/l. MTBE also showed a constant decrease from 35 ug/l to <5.0 ug/l to <2.0 ug/l. TBA followed a pattern similar to TPH-g of an increase from 200 ug/l to 240 ug/l followed by a decrease to 220 ug/l. This overall decreasing trend in concentrations may indicate an effect on well S-1.

As shown in the above table there is a lowering of water levels in S-1 during the extraction from EW-1 and then a rise in water levels after the extraction. This would also indicate an effect on well S-1.

During extraction from EW-1 concentration levels in water samples from S-3, located approximately 35 southwesterly and generally cross gradient from EW-1, showed a consistent decrease. TPH-g concentration decreased from 620 ug/l to 170 ug/l to 68 ug/l. Benzene concentration levels decrease from 150 ug/l to 15 ug/l to 4.8 ug/l. MTBE decreased from 19 ug/l to 12 ug/l to 8.6 ug/l. TBA concentrations were consistently below detection limits at <10 ug/l. This constant decreasing trend in concentrations may indicate an effect on well S-3.

As shown in the above table there is a lowering of water levels in S-3 during the extraction from EW-1 and then a rise in water levels after the extraction. This would also indicate an effect on well S-3.

EW-2

Extraction Well	Monitoring Well	Water Level	Water Level	Water Level	Water Level
EW-2		3/21/08	4/8/08	4/21/08	5/6/08
	S-1	9.79	8.27	8.17	8.00
	S-5	9.43	9.11	9.17	8.80

The two monitoring wells nearest well EW-2 are S-1 and S-5. S-1 is located approximately 35 feet southeasterly from EW-2. During extraction from EW-2 the detected concentrations of TPH-g in samples from S-1 decreased from 5,300 ug/l to 4,200 ug/l and then increased to 6,600 ug/l. Benzene concentration levels decreased from 22 ug/l to 15 ug/l and then increased to 21 ug/l. MTBE concentrations remained below detection limits at <2.0 ug/l. TBA concentrations increased from 220 ug/land then decreased to 170 ug/l. This inconsistent trend in concentrations may indicate no effect on well S-1.

As shown in the above table there is no lowering of water levels in S-1 during the extraction from EW-2, in fact a rise in water levels is indicated. This would also indicate no effect on well S-1.

During extraction from EW-2 concentration levels in water samples from S-5, located approximately 60 feet easterly from EW-2 and generally upgradient from EW-2, the detected concentrations of TPH-g decreased from 150 ug/l to 120 ug/l and then increased to 190 ug/l. Benzene concentrations increased from 0.71 ug/l to 0.76 ug/l and then decreased to 63 ug/l. MTBE concentrations initially remained constant at 5.2 ug/l and then decreased to 3.4 ug/l. TBA concentrations remained below the detection limit at <10 ug/l. This inconsistent trend in concentrations may indicate a minimal effect on S-5.

As shown in the above table there is no lowering of water levels in S-1 during the extraction from EW-2, in fact a rise in water levels is indicated. This would also indicate no effect on well S-1.

S-2

Extraction well S-2 is located approximately 170 feet northeasterly from EW-1 and approximately 110 feet northwesterly from EW-2 and is downgradient from both. The nearest monitoring well to S-2 is well S-8 which is approximately 100 feet westerly and generally cross gradient from S-2. Due to its increased distance, down gradient location and very low pumping rate it is doubtful this well had any noticeable effect on other wells on the site. In addition a review of concentration patterns and water levels indicates no obvious trend.

CONCLUSIONS

A total of 13, 858 gallons of fuel hydrocarbon impacted groundwater was pumped from monitoring wells, EW-1, EW-2 and S-2 during this batch extraction. From this a total of 0.274 liters of TPH-g, 0.013 liters of benzene, 0.003 liters of MTBE and 0.012 liters of TBA were removed from the groundwater.

Samples collected from groundwater monitoring well EW-1 indicated an overall increase in concentrations of TPH-g and benzene, while MTBE and TBA remained below detection limits. Results from S-1 indicate an overall increase of TPHg while benzene, MTBE and TBA remained relatively constant. In well S-2 TPH-g increased overall, benzene remains undetected and MTBE and TBA concentrations decreased. Samples from EW-2 indicate that over all concentrations of TPH-g, benzene and MTBE did not change significantly, while TBA concentrations decreased. In wells S-3 and S-5 TPH-g and benzene concentrations decreased, MTBE remained relatively constant and TBA remained not detected.

An evaluation of groundwater levels indicated influence to monitoring wells nearest EW-1 during extraction. However, no evidence of influence could be detected from EW-2 and S-2 during extraction.

Calculated effective extraction rates were very low, with the volume of water extracted indicating extraction rates of approximately 0.15 gpm for EW-1 and EW-2 and 0.03 gpm for S-2. Such low extraction rates would not provide effective migration control. The low volume of groundwater extracted will result in removing only a small amount of fuel hydrocarbon mass.

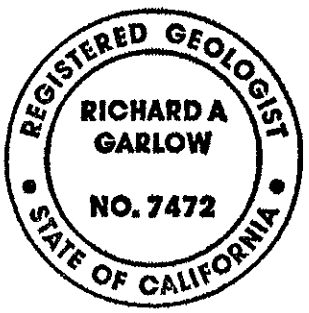
The long term effects of this batch extraction indicate very limited extent and a small amount of fuel hydrocarbon mass removed. It is not recommended that this extraction be repeated.

Remarks

The information and 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 contracted 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 Richard Garlow (DELTA) at (408) 826-1880 or Denis Brown (SHELL) at 707 865-0251 if you have any questions regarding the contents of this report.

Sincerely,
Delta Consultants, Inc.



Richard A. Garlow, M.S., P.G.
Project Manager

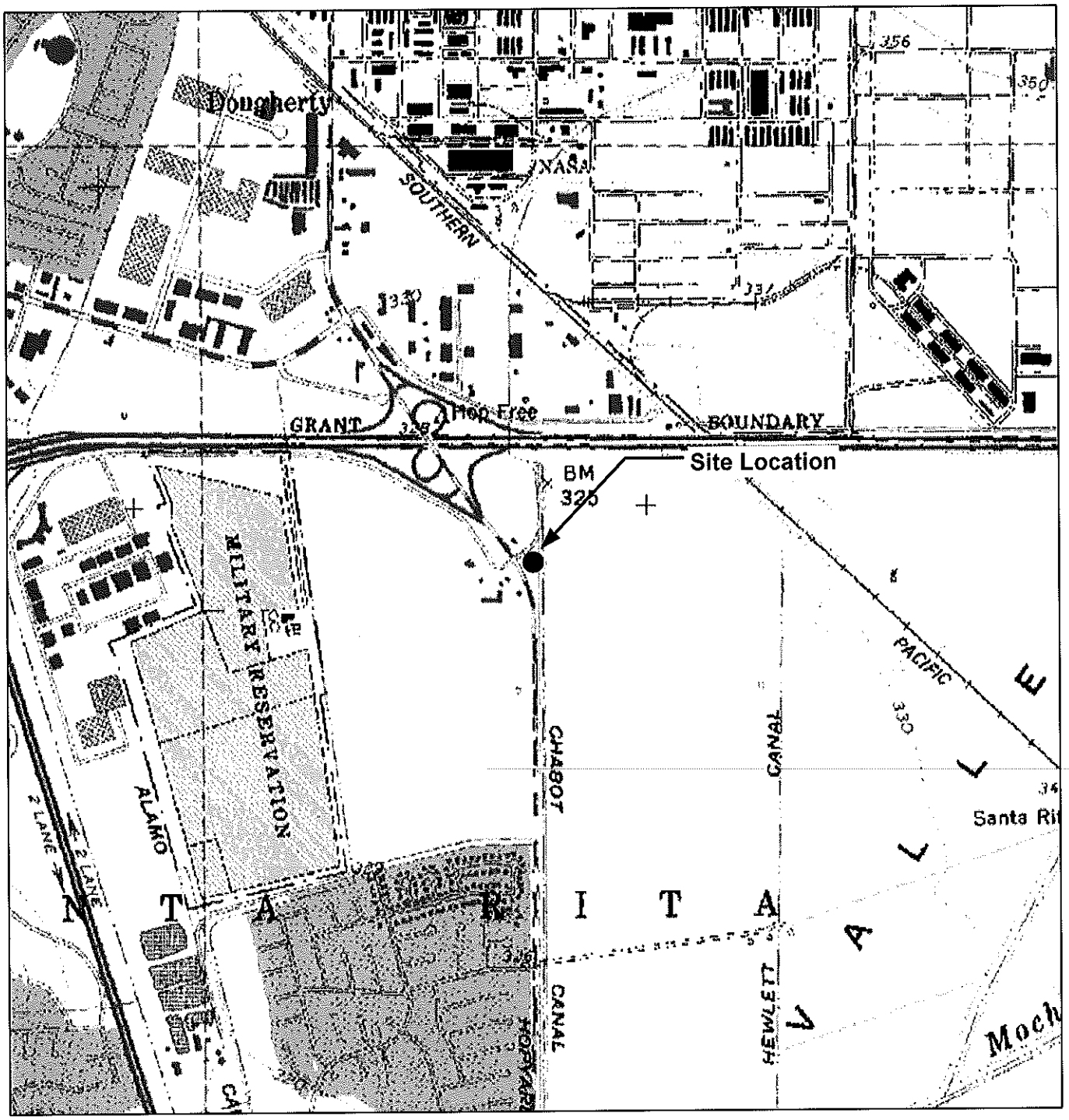
Attachments: Figure 1 – Site Location Map
Figure 2 – Site Plan

Table 1 – Well Concentrations
Table 2 – Pump Data Sheet: Well EW-1
Table 3 – Pump Data Sheet: Well EW-2
Table 4 – Pump Data Sheet: Well S-2
Table 5 – Detected Concentrations In Extraction Wells During Extraction
Table 6 – Detected Concentrations In Observation Wells During Extraction

Attachment A – Laboratory Analytical Reports

Cc: Mr. Denis Brown, Shell Oil Products U S
Mr. Carl Cox, CJC Hopyard LL

FIGURES



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

North

QUADRANGLE LOCATION

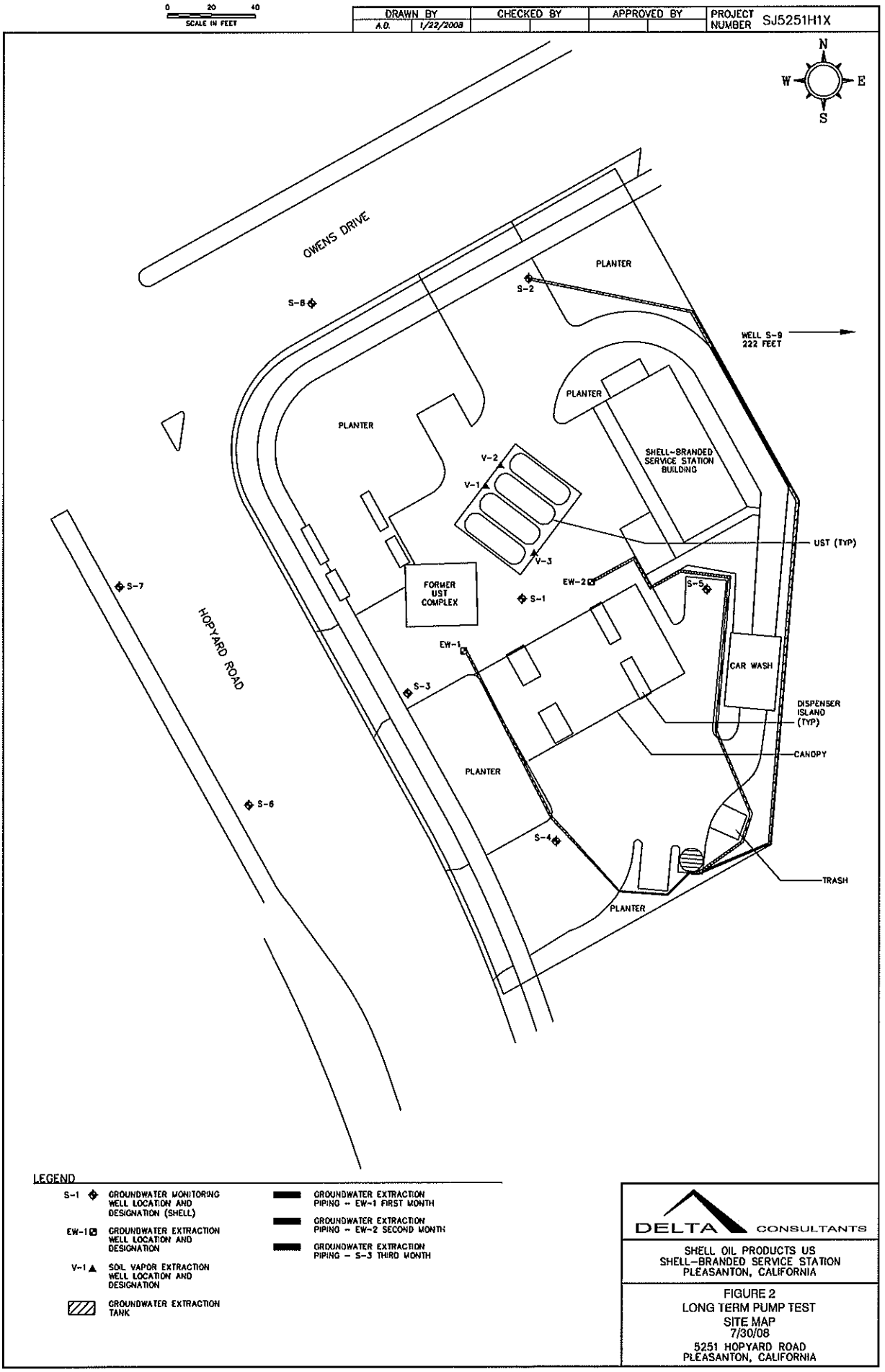
0 1,300 2,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
5251 Hopyard Road
Pleasanton, California

PROJECT NO. SJ52-51H-1.2005	DRAWN BY V. F. 3/31/05
FILE NO. SJ52-51H-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta
Environmental
Consultants, Inc.



DELTA CONSULTANTS

SHELL OIL PRODUCTS US
SHELL-BRANDED SERVICE STATION
PLEASANTON, CALIFORNIA

FIGURE 2
LONG TERM PUMP TEST
SITE MAP
7/30/08
5251 HOPYARD ROAD
PLEASANTON, CALIFORNIA

TABLES

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)
S-1	1/25/1991	2,500	1,500	460	<25	130	36	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	4/6/1991	6,700	2,600 a	2,600	14	580	250	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	7/24/1991	8,800	3,800 a	2,300	30	640	220	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/18/1991	12,000	3,300 a	3,600	380	990	580	NA	NA	NA	NA	NA	NA	326.73	8.85	317.88	NA
S-1	1/23/1992	1,600	890	450	3	120	17	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	4/27/1992	1,100 g	500 a	610	<10	110	10	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	7/21/1992	5,100	290 c	1,900	54	460	140	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	10/16/1992	13,000	390 c	3,200	310	780	360	NA	NA	NA	NA	NA	NA	326.73	NA	NA	NA
S-1	1/23/1993	2,300	30 d	640	<5	110	13	NA	NA	NA	NA	NA	NA	326.73	7.96	318.77	NA
S-1	4/28/1993	4,600	390	780	<0.5	250	<0.5	NA	NA	NA	NA	NA	NA	326.73	9.07	317.66	NA
S-1	9/22/1993	3,000	610 a	660	28	160	17	NA	NA	NA	NA	NA	NA	326.73	8.68	318.05	NA
S-1	12/8/1993	520	280	210	<2.5	49	<2.5	NA	NA	NA	NA	NA	NA	326.73	8.23	318.50	NA
S-1	3/4/1994	640	NA	190	1.4	18	1.3	NA	NA	NA	NA	NA	NA	326.73	8.81	317.92	NA
S-1 (D)	3/4/1994	640	NA	180	1.7	17	1.3	NA	NA	NA	NA	NA	NA	326.73	8.81	317.92	NA
S-1	6/16/1994	2,500	NA	390	9.5	31	7.5	NA	NA	NA	NA	NA	NA	326.73	8.80	317.93	NA
S-1 (D)	6/16/1994	2,000	NA	410	7.8	120	20	NA	NA	NA	NA	NA	NA	326.73	8.80	317.93	NA
S-1	9/13/1994	1,400	NA	310	7.7	29	8.5	NA	NA	NA	NA	NA	NA	326.73	8.62	318.11	NA
S-1 (D)	9/13/1994	1,400	NA	240	7.9	44	6.3	NA	NA	NA	NA	NA	NA	326.73	8.62	318.11	NA
S-1	5/5/1995	800	NA	120	3.6	26	2.7	NA	NA	NA	NA	NA	NA	326.73	11.54	315.19	NA
S-1 (D)	5/5/1995	710	NA	110	3.4	19	2.7	NA	NA	NA	NA	NA	NA	326.73	11.54	315.19	NA
S-1	5/21/1996	1,500	NA	170	8.5	120	6.7	NA	NA	NA	NA	NA	NA	326.73	8.88	317.85	NA
S-1	5/12/1997	4,700	NA	200	15	210	20	2,300	NA	NA	NA	NA	NA	326.73	11.19	315.54	2.4
S-1 (D)	5/12/1997	4,800	NA	210	16	190	16	3,200	2,900	NA	NA	NA	NA	326.73	11.19	315.54	2.4
S-1	5/8/1998	500	NA	18	2.1	2.3	2	1,000	NA	NA	NA	NA	NA	326.73	8.38	318.35	2.1
S-1	6/27/1999	2,970	NA	117	32.0	69.1	17.5	374	NA	NA	NA	NA	NA	326.73	8.79	317.94	2.4
S-1	4/28/2000	1,920	NA	50.5	15.0	67.2	46.7	276	NA	NA	NA	NA	NA	326.73	8.50	318.23	2.8

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)
S-1	5/30/2001	3,900	NA	27	12	140	28	NA	140	NA	NA	NA	NA	326.73	8.18	318.55	2.6
S-1	6/17/2002	2,700	NA	25	11	51	14	NA	140	NA	NA	NA	NA	326.73	8.39	318.34	3.2
S-1	5/30/2003	3,900	NA	12	8.2	47	12	NA	270	NA	NA	NA	NA	326.74	7.41	319.33	1.2
S-1	5/3/2004	3,700	NA	32	21	170	34	NA	410	NA	NA	NA	NA	326.74	11.18	315.56	2.4
S-1	1/14/2005	4,200	NA	22	34	380	33	NA	100	NA	NA	NA	NA	326.74	7.10	319.64	0.58
S-1	5/5/2005	5,000	NA	33	110	970	210	NA	190	<0.50	<0.50	0.95	630	326.74	11.32	315.42	NA
S-1	08/05/2005 l	4,600	NA	32	52	420	69	NA	110	<40	<40	<40	410	326.74	9.04	317.70	NA
S-1	9/16/2005	3,300	NA	14	28	280	43	NA	60	51	<10	<10	260	326.74	11.37	315.37	NA
S-1	11/8/2005	4,700	NA	19.2	47	416	84.0	NA	50.2	<0.500	<0.500	<0.500	<10.0	326.74	9.06	317.68	NA
S-1	1/31/2006	6,380	NA	21.0	33.1	280	31.0	NA	59.9	<0.500	<0.500	<0.500	306	326.74	8.12	318.62	NA
S-1	5/16/2006	9,080	NA	25.8	46.6	517	86.6 m	NA	69.5	<0.500	<0.500	<0.500	268	326.74	7.95	318.79	NA
S-1	8/23/2006	4,980	NA	19.0	22.7	74.7	38.7	NA	42.9	<0.500	<0.500	<0.500	252	326.74	7.95	318.79	NA
S-1	11/13/2006	7,900	NA	38	41	480	52	NA	44	<5.0	<5.0	<5.0	480	326.74	7.99	318.75	NA
S-1	2/1/2007	1,500	NA	18	15	110	17	NA	27	<10	<10	<10	640	326.74	8.19	318.55	NA
S-1	5/23/2007	5,300 n	NA	35	42	260	67.9	NA	<5.0	<10	<10	<10	720	326.74	10.50	316.24	NA
S-1	8/7/2007	6,900 n	NA	26	31	240	40.9 o	NA	30	<10	<10	<10	270	326.74	8.13	318.61	NA
S-1	11/29/2007	840 n	NA	16	18	120	14.5	NA	26	<2.0	<2.0	<2.0	190	326.74	9.40	317.34	NA
S-1	**2/8/2008**	**4,500 n**	**NA**	**25**	**39**	**410**	**37**	**NA**	**28**	**<10**	**<10**	**<10**	**330**	**326.74**	**7.91**	**318.83**	**NA**
S-2	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.83	317.76	NA
S-2	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	7/17/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)
S-2	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	NA	NA	NA
S-2	1/23/1993	<50	140 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.10	318.49	NA
S-2	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	9.06	317.53	NA
S-2	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.91	317.68	NA
S-2	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	9.07	317.52	NA
S-2	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.90	317.69	NA
S-2	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.59	8.98	317.61	NA
S-2	9/13/1994	<50	NA	<0.5	2.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.78	317.81	NA
S-2	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.60	317.99	NA
S-2	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.59	8.75	317.84	NA
S-2	5/12/1997	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	326.59	8.72	317.87	3.4
S-2	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.59	8.63	317.96	3.1
S-2	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	326.59	8.79	317.80	2.6
S-2	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	326.59	8.33	318.26	2.0
S-2	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	326.59	8.56	318.03	1.8
S-2	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	326.59	8.87	317.72	i
S-2	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	326.47	7.89	318.58	1.7
S-2	5/3/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	510	NA	NA	NA	NA	326.47	5.44	321.03	0.1
S-2	1/14/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	270	NA	NA	NA	NA	326.47	7.88	318.59	NA
S-2	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	280	<0.50	<0.50	0.55	8.9 j	326.47	8.14	318.33	NA
S-2	08/05/2005 l	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	320	<2.0	<2.0	<2.0	510	326.47	8.24	318.23	NA
S-2	9/16/2005	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	320	<10	<10	<10	1,800	326.47	8.06	318.41	NA
S-2	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	375	<0.500	<0.500	0.610	1,130	326.47	8.20	318.27	NA
S-2	1/31/2006	281	NA	<0.500	<0.500	<0.500	<0.500	NA	354	<0.500	<0.500	<0.500	3,090	326.47	8.18	318.29	NA
S-2	5/16/2006	785	NA	<0.500	<0.500	<0.500	<0.500	NA	282	<0.500	<0.500	<0.500	3,250	326.47	8.34	318.13	NA
S-2	8/23/2006	344	NA	<0.500	<0.500	<0.500	<0.500	NA	194	<0.500	<0.500	0.560	10,600	326.47	8.32	318.15	NA

TABLE 1
WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (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)	DO Reading (ppm)
S-2	11/13/2006	320	NA	<5.0 f	<5.0 f	<5.0 f	<5.0 f	NA	140 f	<5.0 f	<5.0 f	<5.0 f	6,000 f	326.50	8.37	318.13	NA
S-2	2/1/2007	160	NA	<0.50	<0.50	<0.50	<1.0	NA	130	<2.0	<2.0	<2.0	3,900	326.50	8.13	318.37	NA
S-2	5/23/2007	120 n	NA	<0.50	<1.0	<1.0	<1.0	NA	110	<2.0	<2.0	<2.0	1,500	326.50	8.55	317.95	NA
S-2	8/7/2007	93 n,p	NA	<2.5	<5.0	<5.0	<5.0	NA	120	<10	<10	<10	1,700	326.50	8.26	318.24	NA
S-2	11/29/2007	110 n,p	NA	<0.50	<1.0	<1.0	<1.0	NA	98	<2.0	<2.0	<2.0	880	326.50	8.29	318.21	NA
S-2	**2/8/2008**	**110 n,p**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**110**	**<2.0**	**<2.0**	**<2.0**	**830**	**326.50**	**8.07**	**318.43**	**NA**
S-3	1/25/1991	870	330	230	<2.5	130	<2.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	4/16/1991	190	140 a	12	0.8	6.2	1.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	7/24/1991	1,700	1,200 a	450	4.4	150	2.9	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	10/18/1991	1,900	500	370	3.1	120	220	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	1/23/1992	2,000	650 a	580	3	200	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	4/27/1992	1,100	230 a	150	<3	76	14	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	7/17/1992	810	58	200	<2.5	57	3.8	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	10/16/1992	440	190 c	79	1.8	18	4.6	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-3	1/23/1993	670	170 d	79	1.5	46	15	NA	NA	NA	NA	NA	NA	327.38	8.81	318.57	NA
S-3	4/28/1993	2,000	<50	300	3.4	210	38	NA	NA	NA	NA	NA	NA	327.38	9.87	317.51	NA
S-3	9/22/1993	4,800	670 a	2,000	34	150	51	NA	NA	NA	NA	NA	NA	327.38	9.65	317.73	NA
S-3	12/8/1993	1,200	11	440	<5.0	120	29	NA	NA	NA	NA	NA	NA	327.38	9.26	318.12	NA
S-3	3/4/1994	630	NA	130	<0.5	17	0.8	NA	NA	NA	NA	NA	NA	327.38	9.64	317.74	NA
S-3	6/16/1994	1,800	NA	430	19	35	21	NA	NA	NA	NA	NA	NA	327.38	9.78	317.60	NA
S-3	5/5/1995	160	NA	50	0.9	7.2	4.1	NA	NA	NA	NA	NA	NA	327.38	9.38	318.00	NA
S-3	5/21/1996	270	NA	45	<0.5	1.4	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.41	317.97	NA
S-3 (D)	5/21/1996	210	NA	<0.5	<0.5	0.95	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.41	317.97	NA
S-3	5/12/1997	420	NA	<1.0	<1.0	<1.0	<1.0	57	NA	NA	NA	NA	NA	327.38	9.30	318.08	2.5
S-3	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	327.38	9.12	318.26	2.2

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WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (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)	DO Reading (ppm)
S-3	6/27/1999	106	NA	8.51	<0.500	<0.500	<0.500	31.0	NA	NA	NA	NA	NA	327.38	9.39	317.99	2.1
S-3	4/28/2000	139	NA	7.58	<0.500	<0.500	<0.500	42.6	NA	NA	NA	NA	NA	327.38	9.04	318.34	1.8
S-3	5/30/2001	2,200	NA	510	6.9	100	21	NA	33	NA	NA	NA	NA	327.38	9.19	318.19	2.0
S-3	6/17/2002	600	NA	150	2.1	30	11	NA	36	NA	NA	NA	NA	327.38	9.35	318.03	0.1
S-3	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	9.0	NA	NA	NA	NA	327.04	8.39	318.65	1.2
S-3	5/3/2004	61 k	NA	0.90	<0.50	<0.50	<1.0	NA	9.8	NA	NA	NA	NA	327.04	8.73	318.31	1.2
S-3	1/14/2005	94	NA	4.6	<0.50	3.1	1.0	NA	13	NA	NA	NA	NA	327.04	8.00	319.04	NA
S-3	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	5.7	<0.50	<0.50	<0.50	<5.0	327.04	8.31	318.73	NA
S-3	08/05/2005 I	<50	NA	0.51	<0.50	<0.50	<1.0	NA	6.0	<2.0	<2.0	<2.0	42	327.04	8.32	318.72	NA
S-3	9/16/2005	<50	NA	0.62	<0.50	<0.50	<1.0	NA	7.9	<2.0	<2.0	<2.0	<5.0	327.04	8.29	318.75	NA
S-3	11/8/2005	166	NA	63.0	1.32	7.20	2.99	NA	8.67	<0.500	<0.500	<0.500	<10.0	327.04	8.17	318.87	NA
S-3	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	7.05	<0.500	<0.500	<0.500	<10.0	327.04	8.05	318.99	NA
S-3	5/16/2006	<50.0	NA	3.23	<0.500	1.42	1.63 m	NA	3.92	<0.500	<0.500	<0.500	<10.0	327.04	8.62	318.42	NA
S-3	8/23/2006	<50.0	NA	18.9	<0.500	1.72	0.800	NA	7.65	<0.500	<0.500	<0.500	<10.0	327.04	8.54	318.50	NA
S-3	11/13/2006	530	NA	130 f	3.4 f	10 f	4.6 f	NA	17 f	<2.0 f	<2.0 f	<2.0 f	<80 f	327.01	8.65	318.36	NA
S-3	2/1/2007	430	NA	230	4.4	4.0	<5.0	NA	17	<10	<10	<10	<25	327.01	8.41	318.60	NA
S-3	5/23/2007	1,400 n	NA	370	11	17	11.58 o	NA	21	<2.0	<2.0	<2.0	12	327.01	8.37	318.64	NA
S-3	8/7/2007	1,000 n	NA	150	4.6 o	4.1 o	4.0 o	NA	21	<10	<10	<10	<50	327.01	8.59	318.42	NA
S-3	11/29/2007	710 n	NA	110	3.1	3.8	5.3 o	NA	17	<2.0	<2.0	<2.0	<10	327.01	8.78	318.23	NA
S-3	**2/8/2008**	**300 n**	**NA**	**2.7**	**<1.0**	**<1.0**	**<1.0**	**NA**	**19**	**<2.0**	**<2.0**	**<2.0**	**<10**	**327.01**	**8.05**	**318.96**	**NA**
S-4	1/25/1991	<50	<50	<0.5	1.5	<0.5	2.8	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	4/16/1991	<50	0.7	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/18/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	8.82	318.56	NA
S-4	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA

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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 8020 (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)	DO Reading (ppm)
S-4	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	7/17/1992	<500	74	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	10/16/1992	<500	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	NA	NA	NA
S-4	1/23/1993	<500	94 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	8.32	319.06	NA
S-4	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.76	317.62	NA
S-4	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.30	318.08	NA
S-4	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.74	317.64	NA
S-4	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.60	317.78	NA
S-4	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	327.38	9.42	317.96	NA
S-4	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.02	318.36	NA
S-4	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.38	9.29	318.09	NA
S-4	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	140	NA	NA	NA	NA	NA	327.38	7.95	319.43	2.5
S-4	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	250	NA	NA	NA	NA	NA	327.38	8.96	318.42	2.0
S-4	6/27/1999	303	NA	35.8	24.8	12.4	69.8	106	NA	NA	NA	NA	NA	327.38	8.90	318.48	2.6
S-4	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	40.2	NA	NA	NA	NA	NA	327.38	8.37	319.01	1.9
S-4	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	6.8	NA	NA	NA	NA	327.38	8.83	318.55	1.8
S-4	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	31	NA	NA	NA	NA	327.38	9.37	318.01	4.8
S-4	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	130	NA	NA	NA	NA	327.24	8.46	318.78	1.4
S-4	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	170	NA	NA	NA	NA	327.24	8.70	318.54	1.1
S-4	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	25	NA	NA	NA	NA	327.24	8.17	319.07	NA
S-4	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	15	<0.50	<0.50	<0.50	<5.0	327.24	8.25	318.99	NA
S-4	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	6.1	<2.0	<2.0	<2.0	<5.0	327.24	8.14	319.10	NA
S-4	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	1.01	<0.500	<0.500	<0.500	<10.0	327.24	8.33	318.91	NA
S-4	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.29	318.95	NA
S-4	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.46	318.78	NA
S-4	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	327.24	8.34	318.90	NA

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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 8020 (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)	DO Reading (ppm)
S-4	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	327.24	8.23	319.01	NA
S-4	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	327.24	8.56	318.68	NA
S-4	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.60 o	<2.0	<2.0	<2.0	<10	327.24	7.92	319.32	NA
S-4	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.32 o	<2.0	<2.0	<2.0	<10	327.24	8.52	318.72	NA
S-4	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	327.24	8.58	318.66	NA
S-4	**2/8/2008**	**<50 n**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**327.24**	**8.07**	**319.17**	**NA**
S-5	1/25/1991	<50	<50	<0.5	<0.5	<0.5	0.7	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	4/16/1991	<50	<50	<0.5	<0.5	<0.5	0.8	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/18/1991	120 e	<50	4.3	<0.5	1	0.7	NA	NA	NA	NA	NA	NA	327.76	10.00	317.76	NA
S-5	1/23/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	4/27/1992	50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	7/17/1992	<50	70	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	10/16/1992	230	57	13	<0.5	4.9	4.3	NA	NA	NA	NA	NA	NA	327.76	NA	NA	NA
S-5	1/23/1993	<50	150 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	8.88	318.88	NA
S-5	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	10.20	317.56	NA
S-5	9/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	9.92	317.84	NA
S-5	12/8/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	10.19	317.57	NA
S-5	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	9.95	317.81	NA
S-5	6/16/1994	<50	NA	0.9	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	10.02	317.74	NA
S-5	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	9.58	318.18	NA
S-5	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	327.76	9.84	317.92	NA
S-5	5/12/1997	360	NA	3.3	<0.50	17	9.8	130	NA	NA	NA	NA	NA	327.76	9.16	318.60	4.2
S-5	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	92	NA	NA	NA	NA	NA	327.76	9.25	318.51	3.8
S-5 (D)	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	100	NA	NA	NA	NA	NA	327.76	9.25	318.51	3.8

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (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)	DO Reading (ppm)
S-5	6/27/1999	223	NA	13.7	12.9	8.20	45.8	106	NA	NA	NA	NA	NA	327.76	9.39	318.37	3.0
S-5	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	255	NA	NA	NA	NA	NA	327.76	9.43	318.33	1.2
S-5	5/30/2001	<100	NA	<1.0	<1.0	<1.0	<1.0	NA	480	NA	NA	NA	NA	327.76	9.47	318.29	1.1
S-5	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	210	NA	NA	NA	NA	327.76	9.74	318.02	0.2
S-5	5/30/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	450	NA	NA	NA	NA	327.43	8.87	318.56	1.7
S-5	5/3/2004	<250	NA	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	327.43	9.10	318.33	0.7
S-5	1/14/2005	<100	NA	<1.0	<1.0	<1.0	<2.0	NA	230	NA	NA	NA	NA	327.43	8.43	319.00	NA
S-5	5/5/2005	76	NA	16	<0.50	<0.50	<0.50	NA	120	<0.50	<0.50	<0.50	630	327.43	8.71	318.72	NA
S-5	08/05/2005 l	1,900	NA	57	7.5	22	17	NA	240	<4	<4	<4	480	327.43	8.90	318.53	NA
S-5	9/16/2005	1,400	NA	87	2.0	7.8	5.8	NA	75	<4.0	<4.0	<4.0	630	327.43	8.84	318.59	NA
S-5	11/8/2005	315	NA	35.8	<0.500	<0.500	1.07	NA	49.1	<0.500	<0.500	<0.500	<10.0	327.43	8.86	318.57	NA
S-5	1/31/2006	335	NA	7.74	<0.500	<0.500	<0.500	NA	48.2	<0.500	<0.500	<0.500	337	327.43	8.66	318.77	NA
S-5	5/16/2006	349	NA	3.54	<0.500	<0.500	<0.500	NA	24.7	<0.500	<0.500	<0.500	182	327.43	9.00	318.43	NA
S-5	8/23/2006	<50.0	NA	5.39	<0.500	<0.500	<0.500	NA	17.0	<0.500	<0.500	<0.500	91.0	327.43	8.97	318.46	NA
S-5	11/13/2006	420	NA	19	1.7	<0.50	1.7	NA	19	<0.50	<0.50	<0.50	80	327.43	8.77	318.66	NA
S-5	2/1/2007	280	NA	14	2.1	<0.50	1.4	NA	13	<2.0	<2.0	<2.0	42	327.43	9.30	318.13	NA
S-5	5/23/2007	590 n	NA	19	2.0	<1.0	0.92 o	NA	11	<2.0	<2.0	<2.0	24	327.43	8.73	318.70	NA
S-5	8/7/2007	450 n	NA	10	1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	17	327.43	9.00	318.43	NA
S-5	11/29/2007	340 n	NA	4.1	0.34 o	<1.0	<1.0	NA	7.1	<2.0	<2.0	<2.0	<10	327.43	9.06	318.37	NA
S-5	**2/8/2008**	**270 n**	**NA**	**4.7**	**<1.0**	**<1.0**	**<1.0**	**NA**	**6.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**327.43**	**8.75**	**318.68**	**NA**
S-6	1/25/1991	<50	<50	<0.5	1.7	<0.5	2.8	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	4/16/1991	<50	<50	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	7/24/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/18/1991	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	326.56	8.84	317.22	NA
S-6	1/23/1992	<50	<50	<0.5	<0.5	<0.5	0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (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)	DO Reading (ppm)
S-6	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	7/17/1992	400	130	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	NA	NA	NA
S-6	1/23/1993	<50	230 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	7.82	318.74	NA
S-6	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	9.00	317.56	NA
S-6	9/22/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.61	317.96	NA
S-6	12/8/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	10.02	316.54	NA
S-6	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.88	317.68	NA
S-6	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	9.04	317.52	NA
S-6	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.54	318.02	NA
S-6	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.56	8.62	317.94	NA
S-6	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.56	8.60	317.96	2.6
S-6	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.56	7.90	318.66	2.2
S-6	6/27/1999	430	NA	50.1	30.5	15.2	83.5	8.05	NA	NA	NA	NA	NA	326.56	8.01	318.55	2.3
S-6	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	326.56	8.84	317.72	2.0
S-6	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	326.56	8.54	318.02	1.9
S-6	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	326.56	8.48	318.08	1.3
S-6	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	8.7	NA	NA	NA	NA	326.35	7.36	318.99	1.0
S-6	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	326.35	8.08	318.27	0.9
S-6	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	326.35	7.38	318.97	NA
S-6	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	326.35	7.55	318.80	NA
S-6	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	326.35	7.61	318.74	NA
S-6	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	326.35	7.64	318.71	NA
S-6	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	30.5	326.35	7.90	318.45	NA
S-6	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	326.35	8.16	318.19	NA
S-6	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	10.9	326.35	7.77	318.58	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (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)	DO Reading (ppm)
S-6	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	326.35	8.15	318.20	NA
S-6	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	1.2	<2.0	<2.0	<2.0	<5.0	326.35	8.36	317.99	NA
S-6	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	326.35	7.80	318.55	NA
S-6	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	0.39 o	<2.0	<2.0	<2.0	<10	326.35	8.07	318.28	NA
S-6	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	326.35	8.17	318.18	NA
S-6	**2/8/2008**	**<50 n**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**326.35**	**7.67**	**318.68**	**NA**
S-7	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/18/1991	<50	140 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.92	317.57	NA
S-7	1/23/1992	<50	140 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	7/17/1992	<50	<50	<0.5	1.8	0.6	4.1	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	NA	NA	NA
S-7	1/23/1993	<50	110 b	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.06	318.43	NA
S-7	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.94	317.55	NA
S-7	9/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.57	317.92	NA
S-7	12/8/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.00	317.49	NA
S-7	3/4/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	8.96	317.53	NA
S-7	6/16/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	326.49	9.12	317.37	NA
S-7	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.58	317.91	NA
S-7	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	326.49	8.64	317.85	NA
S-7	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.49	8.74	317.75	2.3
S-7	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	326.49	8.00	318.49	2.5
S-7	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	326.49	8.75	317.74	2.9

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S-7	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	326.49	8.96	317.53	2.2
S-7	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	326.49	8.65	317.84	2.0
S-7	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	326.49	8.55	317.94	2.3
S-7	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	326.36	7.88	318.48	1.8
S-7	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	NA	NA	NA	NA	326.36	8.30	318.06	1.2
S-7	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	NA	326.36	7.70	318.66	NA
S-7	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	91	<0.50	<0.50	6.8	<5.0	326.36	7.60	318.76	NA
S-7	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	100	<2.0	<2.0	7.5	<5.0	326.36	8.42	317.94	NA
S-7	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	124	<0.500	<0.500	8.70	<10.0	326.36	7.61	318.75	NA
S-7	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	93.0	<0.500	<0.500	4.50	<10.0	326.36	7.85	318.51	NA
S-7	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	76.3	<0.500	<0.500	2.98	<10.0	326.36	8.08	318.28	NA
S-7	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	34.7	<0.500	<0.500	2.02	<10.0	326.36	7.93	318.43	NA
S-7	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	27	<0.50	<0.50	1.6	<20	326.36	8.15	318.21	NA
S-7	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	45	<2.0	<2.0	2.9	28	326.36	8.35	318.01	NA
S-7	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	1.7	<2.0	<2.0	<2.0	<10	326.36	8.11	318.25	NA
S-7	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	23	<2.0	<2.0	<2.0	<10	326.36	8.36	318.00	NA
S-7	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	10	<2.0	<2.0	<2.0	<10	326.36	8.19	318.17	NA
S-7	**2/8/2008**	**<50 n**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**9.2**	**<2.0**	**<2.0**	**<2.0**	**<10**	**326.36**	**7.73**	**318.63**	**NA**
S-8	1/25/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	4/16/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	7/24/1991	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	10/18/1991	<50	360 f	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.62	317.70	NA
S-8	1/23/1992	<50	90	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	4/27/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	7/17/1992	53	<50	<0.5	1	<0.5	1.8	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)
S-8	10/16/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	NA	NA	NA
S-8	1/23/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.00	318.32	NA
S-8	4/28/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.77	317.55	NA
S-8	9/22/1993	<50	160	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.67	317.65	NA
S-8	12/8/1993	<50	210	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.76	317.56	NA
S-8	3/4/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.66	317.66	NA
S-8	6/16/1994	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.78	317.54	NA
S-8	5/5/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.42	317.90	NA
S-8	5/21/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	325.32	7.50	317.82	NA
S-8	5/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	325.32	7.56	317.76	1.6
S-8	5/8/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	325.32	7.64	317.68	2.0
S-8	6/27/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	325.32	7.75	317.57	2.3
S-8	4/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	325.32	8.02	317.30	1.8
S-8	5/30/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	325.32	7.34	317.98	1.8
S-8	6/17/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	325.32	7.45	317.87	1.8
S-8	5/30/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	325.03	7.39	317.64	3.0
S-8	5/3/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	325.03	7.00	318.03	1.0
S-8	1/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	325.03	8.65	316.39	NA
S-8	5/5/2005	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<5.0	325.03	6.73	318.30	NA
S-8	8/5/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.03	6.93	318.10	NA
S-8	11/8/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	6.95	318.08	NA
S-8	1/31/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	6.91	318.12	NA
S-8	5/16/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	7.02	318.01	NA
S-8	8/23/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	325.03	6.98	318.05	NA
S-8	11/13/2006	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<0.50	<0.50	<0.50	<20	325.03	7.09	317.94	NA
S-8	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.03	7.27	317.76	NA

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)
S-8	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.03	6.80	318.23	NA
S-8	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.03	7.04	317.99	NA
S-8	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.03	7.04	317.99	NA
S-8	**2/8/2008**	**<50 n**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**325.03**	**6.77**	**318.26**	**NA**
S-9	11/22/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	325.89	7.61	318.28	NA
S-9	11/27/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.89	7.77	318.12	NA
S-9	2/1/2007	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	325.89	8.14	317.75	NA
S-9	5/23/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.89	7.85	318.04	NA
S-9	8/7/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.89	7.77	318.12	NA
S-9	11/29/2007	<50 n	NA	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	325.89	7.99	317.90	NA
S-9	**2/8/2008**	**<50 n**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**325.89**	**7.78**	**318.11**	**NA**
EW-2	12/14/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.25	NA	NA
EW-2	**2/8/2008**	**70 n,p**	**NA**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**8.9**	**<2.0**	**<2.0**	**<2.0**	**940**	**NA**	**8.42**	**NA**	**NA**

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isoproyl 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, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
TOB = Top of Wellbox Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample

TABLE 1
WELL CONCENTRATIONS
Shell-branded Service Station
5251 Hopyard 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 8020 (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)	DO Reading (ppm)

Notes:

a = Compounds detected as TEPH appear to be the less volatile constituents of gasoline.

b = The concentration reported as TEPH primarily due to the presence of a heavier petroleum product.

c = The concentration reported as TEPH due to the presence of a lighter petroleum product.

d = Concentrations reported as diesel includes a heavier petroleum product.

e = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard gasoline pattern.

f = There was insufficient preservative to reduce the sample pH to less than 2.

g = Compounds detected within the chromatographic range of TEPH but not characteristic of the standard diesel pattern.

h = The chromatographic pattern of the purgeable hydrocarbons found in the sample is similar to the pattern of weathered gasoline.

i = DO reading not taken.

j = The results may be biased slightly high.

k = The hydrocarbon reported in the gasoline range does not match the laboratory standard.

l = Extracted out of holding time.

m = Analyte was detected in the associated Method Blank.

n = Analyzed by EPA Method 8015B (M).

o = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

p = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Site surveyed April 16, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Beginning May 30, 2003, depth to water referenced to Top of Casing elevation.

Wells S-2, S-3 and S-9 were surveyed on November 22, 2006 by Mid Coast Engineers.

TABLE 2

Pump Data Sheet: Well EW-1

Project Number: SCA5251H	Date: 2/22/2008 to 3/20/2008
Site: 5251 Hopyard, Pleasanton	Type of Test: long term extraction
Performed By: Abhik Dutta & Matt Lambert	Set Pumping Rate: ~0.4

DATE	TIME	TOTALIZER	GALLONS PUMPED		PUMPING RATE	NOTES
			Since last reading	Total	GPM	
2/22/2008	15:45	56,493.0	0.0	0.0	0.5	set up day
2/25/2008	15:30	56,502.5	9.5	9.5	0.5	repaired joints and managed leaks
2/26/2008	11:06	56,548.2	45.7	55.0	1.0 (start) 0.4 (departure)	no leaks (all good)
2/29/2008	13:30	56,584.8	36.6	91.8	0.0 (closed valve) 0.4 (departure)	managed leaks, pump running, but valve closed at totalizer ok on departure
3/7/2008	14:45	59,894.0	3,309.2	3,401.0	0.5	replaced cracked fitting
3/14/2008	12:30	62,612.0	2,718.0	6,119.0	0.4	no leaks, PSC pumped out
3/20/2008	15:30	62,742.0	130.0	6,249.0	0.4	pulled pump from EW-1 (batch extraction complete) switched pump to EW-2

TABLE 3

Pump Data Sheet: Well EW-2

Project Number: SCA5251H		Date: 3/20/2008 to 4/18/2008	
Site: 5251 Hopyard, Pleasanton		Type of Test: long term extraction	
Performed By: Abhik Dutta & Matt Lambert		Set Pumping Rate: ~0.4	

DATE	TIME	TOTALIZER	GALLONS PUMPED		PUMPING RATE		NOTES
			Since last reading	Total	GPM		
					Arrival	Departure	
3/20/2008	15:30	62,742.0	0.0	0.0	.5	.5	switched pump from EW-1 to EW-2
3/21/2008	15:00	63,150.3	408.3	408.3	0.5	0.4	tank was emptied
3/27/2008	14:20	65,440.0	2,289.7	2,698.0	0.4	0.4	hole in one of the hoses somewhere w/in secondary containment; tank full
4/3/2008	15:00	66,892.5	1,452.5	4,150.5	0.4	0.4	tank full
4/11/2008	14:00	67,868.8	976.3	5,126.8	0.2	0.4	tank emptied
4/18/2008	10:00	69,018.2	1,149.4	6,276.2	0	0	tank emptied; switched pump from EW-2 to S-2

TABLE 4

Pump Data Sheet: Well S-2

Project Number: SCA5251H		Date: 3/20/2008 to 4/18/2008	
Site: 5251 Hopyard, Pleasanton		Type of Test: long term extraction	
Performed By: Abhik Dutta & Matt Lambert		Set Pumping Rate: ~0.4	

DATE	TIME	TOTALIZER	GALLONS PUMPED		PUMPING RATE		NOTES
			Since last reading	Total	GPM		
					Arrival	Departure	
4/18/2008	17:00	69,018.2	0.0	0.0	0	0	pump moved to S-2
4/21/2008	12:30	69,081.9	63.7	63.7	0.1	0.4	after stopping flow and allowing pressure to build flow was increased
4/25/2008	15:20	69,157.6	75.7	139.4	0	0.3	low water levels made it difficult to maintain constant pumping rate
5/2/2008	9:00	69,861.6	704.0	843.4	0.2	0.4	adjusted pumping rate; tank empty
5/8/2008	11:00	72,309.8	2,448.2	3,291.6	<0.1	0.2 - 0.3	tank 3/4 full; adjusted pumping rate
5/16/2008	14:00	73,252.3	942.5	4,234.1	<0.1	0.1 - 0.2	slow rate but constantly pumping
5/23/2008	10:00	73,252.3	0.0	4,234.1	0		end of long term extraction, disassembled pumping equipment

TABLE 5

DETECTED CONCENTRATIONS IN EXTRACTION WELLS DURING EXTRACTION
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	Depth to Water (ft.)
EW-1	2/20/2008	9,100	110	180	840	146.9	<5.0	<10	<10	<10	<50	8.07
EW-1	3/7/2008	11,000	380	200	370	317.0	<5.0	<10	<10	<10	<50	7.80
EW1	3/21/2008	14,000	690	430	750	614	<5.0	<10	<10	<10	<50	8.61
EW-1	4/8/2008	12,000	430	200	430	302	<5.0	<10	<10	<10	<50	8.40
EW-1	4/21/2008	22,000	430	510	1,100	747	<5.0	<10	<10	<10	71	8.33
EW-1	5/6/2008	20,000	280	620	1000	616	<10	<20	<20	<20	<100	8.30
EW-1	5/21/2008	17,000	180	440	830	484	<10	<20	<20	<20	<100	8.60
EW-2	2/20/2008	59	<1.0	<2.0	<2.0	<2.0	10	<4.0	<4.0	<4.0	1,300	8.85
EW-2	3/7/2008	850	<1.0	<2.0	<2.0	<2.0	8.0	<4.0	<4.0	<4.0	1,200	9.75
EW-2	3/21/2008	350	5.3	4.6	6.2	18	<2.0	<4.0	<4.0	<4.0	990	9.51
EW-2	4/8/2008	<50	<0.50	<1.0	<1.0	<1.0	8.9	<2.0	<2.0	<2.0	180	9.12
EW-2	4/21/2008	140	<0.50	<1.0	<1.0	<1.0	57	<2.0	<2.0	<2.0	230	8.86
EW-2	5/6/2008	<50	<0.50	<1.0	<1.0	<1.0	8.3	<2.0	<2.0	<2.0	590	8.87
EW-2	5/21/2008	53	<0.50	<1.0	<1.0	<1.0	11	<2.0	<2.0	<2.0	380	9.00
S-2	2/20/2008	73	<0.50	<1.0	<1.0	<1.0	100	<2.0	<2.0	<2.0	650	8.30
S-2	3/7/2008	<50	<0.50	<1.0	<1.0	<1.0	57	<2.0	<2.0	<2.0	240	9.25
S-2	3/21/2008	73	<0.50	<1.0	<1.0	<1.0	91	<2.0	<2.0	<2.0	480	9.01
S-2	4/8/2008	88	<0.50	<1.0	<1.0	<1.0	72	<2.0	<2.0	<2.0	310	8.46
S-2	4/21/2008	60	<0.50	<1.0	<1.0	<1.0	8.6	<2.0	<2.0	<2.0	310	9.60
S-2	5/6/2008	62	<0.50	<1.0	<1.0	<1.0	53	<2.0	<2.0	<2.0	300	10.55
S-2	5/21/2008	130	<0.50	<1.0	<1.0	<1.0	61	<2.0	<2.0	<2.0	320	9.43

Notes:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether, analyzed by method 8260B
DIPE = Di-isoproyl 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, analyzed by EPA Method 8260B
ug/l = Micrograms per liter (parts per billion)
ft. = Feet
<n = Below method detection limit
Large Well ID Font: Time period where well is operating as extraction well

TABLE 6

DETECTED CONCENTRATIONS IN OBSERVATION WELLS DURING EXTRACTION
Shell-branded Service Station
5251 Hopyard Road
Pleasanton, CA

Well ID	Date	TPPH (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TAME (ug/l)	TBA (ug/l)	Depth to Water (ft.)
S-1	2/20/2008	5,700	29	56	650	89	35	<10	<10	<10	200	8.70
S-1	3/7/2008	6,800	25	37	310	59.2	<5.0	<10	<10	<10	240	10.54
S-1	3/21/2008	5,300	22	23	210	38.7	<2.0	<4.0	<4.0	<4.0	220	9.79
S-1	4/8/2008	4,200	15	18	230	26.4	<2.0	<4.0	<4.0	<4.0	240	8.27
S-1	4/21/2008	6,600	21	27	440	53	<2.0	<4.0	<4.0	<4.0	170	8.17
S-1	5/6/2008	5,700	21	29	440	56	<5.0	<10	<10	<10	270	8.00
S-1	5/21/2008	7,800	29	51	620	108	40	<10	<10	<10	190	8.27
S-3	2/20/2008	620	150	4.1	11	11	19	<2.0	<2.0	<2.0	<10	8.57
S-3	3/7/2008	170	15	<1.0	2.5	4.0	12	<2.0	<2.0	<2.0	<10	8.87
S-3	3/21/2008	68	4.8	<1.0	1.3	1.6	8.6	<2.0	<2.0	<2.0	<10	9.00
S-3	4/8/2008	170	7.8	<1.0	2.6	4.0	8.1	<2.0	<2.0	<2.0	<10	8.55
S-3	4/21/2008	350	2.8	<1.0	1.2	1.9	12	<2.0	<2.0	<2.0	<10	8.65
S-3	5/6/2008	210	2.3	<1.0	<1.0	<1.0	9.1	<2.0	<2.0	<2.0	<10	8.60
S-3	5/21/2008	430	21	<1.0	3.5	4.2	17	<2.0	<2.0	<2.0	<10	8.81
S-5	2/20/2008	340	4.6	<1.0	<1.0	<1.0	5.5	<2.0	<2.0	<2.0	<10	9.03
S-5	3/7/2008	220	1.8	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	9.20
S-5	3/21/2008	150	0.71	<1.0	<1.0	<1.0	5.2	<2.0	<2.0	<2.0	<10	9.43
S-5	4/8/2008	120	0.76	<1.0	<1.0	<1.0	5.2	<2.0	<2.0	<2.0	<10	9.11
S-5	4/21/2008	190	0.63	<1.0	<1.0	<1.0	3.4	<2.0	<2.0	<2.0	<10	9.17
S-5	5/6/2008	150	1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	8.80
S-5	5/21/2008	250	1.6	<1.0	<1.0	<1.0	3.8	<2.0	<2.0	<2.0	<10	9.20

Notes:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001 analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether, analyzed by EPA Method 8260B
DIPE = Di-isoproyl 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, analyzed by EPA Method 8260B
ug/l = Parts per billion
ft. = Feet
<n = Below detection limit

ATTACHMENT A

Laboratory Analytical Report

Calscience Environmental Laboratories, Inc.

March 03, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-02-1545**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 2/21/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	02/21/08
1680 Rogers Avenue	Work Order No:	08-02-1545
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	08-02-1545-1-E	02/20/08 11:36	Aqueous	GC 22	02/22/08	02/23/08 09:37	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	5700	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	158	38-134		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	08-02-1545-2-D	02/20/08 09:07	Aqueous	GC 22	02/22/08	02/22/08 18:58	080221B02

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	73	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	74	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	08-02-1545-3-D	02/20/08 10:24	Aqueous	GC 22	02/22/08	02/22/08 13:52	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	620	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	87	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	08-02-1545-4-D	02/20/08 09:26	Aqueous	GC 22	02/22/08	02/22/08 20:06	080221B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	340	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	68	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	02/21/08
1680 Rogers Avenue	Work Order No:	08-02-1545
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-02-1545-5-E**	**02/20/08 10:15**	**Aqueous**	**GC 22**	**02/22/08**	**02/22/08 21:15**	**080221B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	9100	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	167	38-134		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-02-1545-6-E**	**02/20/08 10:39**	**Aqueous**	**GC 22**	**02/22/08**	**02/22/08 20:41**	**080221B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	59	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	68	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,514**	**N/A**	**Aqueous**	**GC 22**	**02/22/08**	**02/22/08 10:38**	**080221B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	74	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	02/21/08
1680 Rogers Avenue	Work Order No:	08-02-1545
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-02-1545-1-B**	**02/20/08 11:36**	**Aqueous**	**GC/MS LL**	**02/29/08**	**02/29/08 21:00**	**080229L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	29	2.5	5		Tert-Butyl Alcohol (TBA)	200	50	5	
Ethylbenzene	650	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	56	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	78	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	11	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	35	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	74-140		1,2-Dichloroethane-d4	94	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	100	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**08-02-1545-2-B**	**02/20/08 09:07**	**Aqueous**	**GC/MS LL**	**02/29/08**	**02/29/08 21:28**	**080229L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	650	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	100	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	74-140		1,2-Dichloroethane-d4	97	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	101	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**08-02-1545-3-C**	**02/20/08 10:24**	**Aqueous**	**GC/MS LL**	**02/29/08**	**02/29/08 21:56**	**080229L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	150	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	11	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	4.1	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	11	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	19	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	02/21/08
1680 Rogers Avenue	Work Order No:	08-02-1545
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	08-02-1545-4-B	02/20/08 09:26	Aqueous	GC/MS LL	02/29/08	02/29/08 22:25	080229L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	4.6	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	5.5	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	102	88-112		1,4-Bromofluorobenzene	97	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	08-02-1545-5-B	02/20/08 10:15	Aqueous	GC/MS LL	02/29/08	02/29/08 22:54	080229L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	110	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	840	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	180	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	140	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	6.9	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	101	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	08-02-1545-6-C	02/20/08 10:39	Aqueous	GC/MS LL	02/29/08	02/29/08 23:22	080229L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2		Tert-Butyl Alcohol (TBA)	1300	20	2	
Ethylbenzene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	ND	2.0	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	10	2.0	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	100	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	02/21/08
1680 Rogers Avenue	Work Order No:	08-02-1545
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-006-24,635**	**N/A**	**Aqueous**	**GC/MS LL**	**02/29/08**	**02/29/08 18:38**	**080229L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	101	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	02/21/08
1680 Rogers Avenue		Work Order No:	08-02-1545
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-3	**Aqueous**	**GC 22**	**02/22/08**	**02/22/08**	**080221S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	87	83	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 02/21/08
Work Order No: 08-02-1545
Preparation: EPA 5030B
Method: EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-02-1751-1	**Aqueous**	**GC/MS LL**	**02/29/08**	**02/29/08**	**080229S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	66	56	88-118	2	0-7	3
Carbon Tetrachloride	90	87	67-145	3	0-11	
Chlorobenzene	99	98	88-118	1	0-7	
1,2-Dibromoethane	97	98	70-130	1	0-30	
1,2-Dichlorobenzene	103	101	86-116	2	0-8	
1,1-Dichloroethene	90	86	70-130	4	0-25	
Ethylbenzene	100	94	70-130	3	0-30	
Toluene	101	91	87-123	7	0-8	
Trichloroethene	85	83	79-127	3	0-10	
Vinyl Chloride	102	93	69-129	10	0-13	
Methyl-t-Butyl Ether (MTBE)	106	107	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	93	90	36-168	3	0-45	
Diisopropyl Ether (DIPE)	104	103	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	105	104	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	105	72-126	1	0-12	
Ethanol	95	101	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-02-1545
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,514	Aqueous	GC 22	02/22/08	02/22/08	080221B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	92	78-120	3	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-02-1545
Preparation: EPA 5030B
Method: EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,635	Aqueous	GC/MS LL	02/29/08	02/29/08	080229L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	84-120	2	0-8	
Carbon Tetrachloride	102	97	63-147	5	0-10	
Chlorobenzene	102	100	89-119	2	0-7	
1,2-Dibromoethane	104	102	80-120	2	0-20	
1,2-Dichlorobenzene	102	102	89-119	0	0-9	
1,1-Dichloroethene	97	91	77-125	6	0-16	
Ethylbenzene	105	102	80-120	3	0-20	
Toluene	102	99	83-125	4	0-9	
Trichloroethene	95	93	89-119	2	0-8	
Vinyl Chloride	104	101	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	104	105	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	120	107	46-154	12	0-32	
Diisopropyl Ether (DIPE)	105	104	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	106	106	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	106	76-124	0	0-10	
Ethanol	101	101	60-138	0	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-02-1545

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES

DATE: 2/20/08

PO #:

SAP #:

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton

State: CA

GLOBAL ID NO: T0600101267

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office

PHONE NO.: 626.256.6662

E-MAIL: jsuing@deltaenv.com

CONSULTANT PROJECT NO: 080220-MN1

BTS#:

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

SAMPLER NAME(S) (Print): Michael Ninokata

LAB USE ONLY: 02-1545

TELEPHONE: (408)573-0555

FAX: (408)573-7771

E-MAIL: mninokata@blainetech.com

TURNAROUND TIME (CALENDAR DAYS):
- ☑ STANDARD (14 DAY)
- ☐ 5 DAYS
- ☐ 3 DAYS
- ☐ 2 DAYS
- ☐ 24 HOURS
- ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

CC Rich Garlow rgarlow@deltaenv.com with final report.

- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
1	S-1	2/20/08	1136	W	X					5	X		X	X								X		
2	S-2		0907								X		X	X								X		
3	S-3		1024								X		X	X								X		
4	S-5		0926								X		X	X								X		
5	EW-1		1015								X		X	X								X		
6	EW-2		1039								X		X	X								X		

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(Sample Custodian)	2/20/08	1220
(Sample Custodian)		2/20/08	1625
		2/21/08	9:15

05/2/06 Revision

G.S.O.# 105528170

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 02 - 1545

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech DATE: 2/21/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.2 °C IR thermometer.
_____ Ambient temperature.

Initial: HT

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: HT

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: HT

COMMENTS:

Calscience Environmental Laboratories, Inc.

May 07, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-04-1953**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/23/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	04/23/08
1680 Rogers Avenue	Work Order No:	08-04-1953
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-04-1953-1-A**	**04/21/08 12:50**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 15:57**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	6600	100	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	2	
Benzene	21	1.0	2		Tert-Butyl Alcohol (TBA)	170	20	2	
Ethylbenzene	440	10	10		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	27	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	39	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	14	2.0	2		Ethanol	ND	200	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	88	70-130		

S-2	**08-04-1953-2-A**	**04/21/08 12:21**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 16:24**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	60	50	1		Methyl-t-Butyl Ether (MTBE)	8.6	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	310	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	87	70-130			1,4-Bromofluorobenzene-TPPH	89	70-130		

S-3	**08-04-1953-3-A**	**04/21/08 10:41**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 16:52**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	350	50	1		Methyl-t-Butyl Ether (MTBE)	12	1.0	1	
Benzene	2.8	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	1.2	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	1.9	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/23/08
1680 Rogers Avenue		Work Order No:	08-04-1953
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-04-1953-4-A**	**04/21/08 09:41**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 14:04**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	190	50	1		Methyl-t-Butyl Ether (MTBE)	3.4	1.0	1	
Benzene	0.63	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	88	70-130			1,4-Bromofluorobenzene-TPPH	88	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-04-1953-5-B**	**04/21/08 11:59**	**Aqueous**	**GC/MS T**	**05/02/08**	**05/02/08 21:35**	**080502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	22000	500	10		Methyl-t-Butyl Ether (MTBE)	ND	5.0	5	
Benzene	430	2.5	5		Tert-Butyl Alcohol (TBA)	71	50	5	
Ethylbenzene	1100	10	10		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	510	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	720	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	27	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-04-1953-6-A**	**04/21/08 13:45**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 17:20**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	140	50	1		Methyl-t-Butyl Ether (MTBE)	57	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	230	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/23/08
1680 Rogers Avenue		Work Order No:	08-04-1953
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-261**	**N/A**	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08 13:36**	**080501L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	89	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-267**	**N/A**	**Aqueous**	**GC/MS T**	**05/02/08**	**05/02/08 14:53**	**080502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	90	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-273**	**N/A**	**Aqueous**	**GC/MS T**	**05/03/08**	**05/03/08 13:31**	**080503L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	88	70-130			1,4-Bromofluorobenzene-TPPH	89	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.	Date Received:	04/23/08
1680 Rogers Avenue	Work Order No:	08-04-1953
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-5	**Aqueous**	**GC/MS T**	**05/01/08**	**05/01/08**	**080501S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	92	70-130	2	0-30	
Ethylbenzene	104	107	70-130	3	0-30	
Toluene	97	100	70-130	3	0-30	
p/m-Xylene	109	109	70-130	1	0-30	
o-Xylene	106	109	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	83	91	70-130	9	0-30	
Tert-Butyl Alcohol (TBA)	110	96	70-130	14	0-30	
Diisopropyl Ether (DIPE)	81	82	70-130	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	79	87	70-130	10	0-30	
Tert-Amyl-Methyl Ether (TAME)	76	83	70-130	8	0-30	
Ethanol	95	78	70-130	20	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	04/23/08
1680 Rogers Avenue		Work Order No:	08-04-1953
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-04-2172-1	**Aqueous**	**GC/MS T**	**05/02/08**	**05/02/08**	**080502S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	97	70-130	3	0-30	
Ethylbenzene	108	111	70-130	2	0-30	
Toluene	101	104	70-130	3	0-30	
p/m-Xylene	111	115	70-130	3	0-30	
o-Xylene	111	114	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	117	117	70-130	0	0-30	
Tert-Butyl Alcohol (TBA)	114	114	70-130	0	0-30	
Diisopropyl Ether (DIPE)	90	94	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	109	110	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	106	107	70-130	1	0-30	
Ethanol	96	93	70-130	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 04/23/08
Work Order No: 08-04-1953
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-04-2344-5	**Aqueous**	**GC/MS T**	**05/03/08**	**05/03/08**	**080503S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	87	86	70-130	2	0-30	
Ethylbenzene	100	99	70-130	2	0-30	
Toluene	92	92	70-130	1	0-30	
p/m-Xylene	100	98	70-130	2	0-30	
o-Xylene	100	100	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	105	103	70-130	2	0-30	
Tert-Butyl Alcohol (TBA)	103	106	70-130	3	0-30	
Diisopropyl Ether (DIPE)	83	83	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	97	97	70-130	0	0-30	
Tert-Amyl-Methyl Ether (TAME)	98	95	70-130	3	0-30	
Ethanol	92	83	70-130	10	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-04-1953
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-261	Aqueous	GC/MS T	05/01/08	05/01/08	080501L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	82	82	65-135	0	0-30	
Benzene	89	86	70-130	3	0-30	
Ethylbenzene	103	100	70-130	3	0-30	
Toluene	96	95	70-130	2	0-30	
p/m-Xylene	106	106	70-130	0	0-30	
o-Xylene	106	104	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	81	82	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	109	107	70-130	2	0-30	
Diisopropyl Ether (DIPE)	80	80	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	78	79	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	75	75	70-130	0	0-30	
Ethanol	91	90	70-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	08-04-1953
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-267	Aqueous	GC/MS T	05/02/08	05/02/08	080502L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	94	91	65-135	3	0-30	
Benzene	90	96	70-130	7	0-30	
Ethylbenzene	104	111	70-130	6	0-30	
Toluene	97	104	70-130	7	0-30	
p/m-Xylene	108	116	70-130	7	0-30	
o-Xylene	108	116	70-130	7	0-30	
Methyl-t-Butyl Ether (MTBE)	110	115	70-130	5	0-30	
Tert-Butyl Alcohol (TBA)	103	108	70-130	4	0-30	
Diisopropyl Ether (DIPE)	85	91	70-130	7	0-30	
Ethyl-t-Butyl Ether (ETBE)	103	108	70-130	5	0-30	
Tert-Amyl-Methyl Ether (TAME)	100	106	70-130	6	0-30	
Ethanol	80	83	70-130	4	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-04-1953
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-273	**Aqueous**	**GC/MS T**	**05/03/08**	**05/03/08**	**080503L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	83	80	65-135	4	0-30	
Benzene	86	89	70-130	3	0-30	
Ethylbenzene	100	102	70-130	2	0-30	
Toluene	92	96	70-130	4	0-30	
p/m-Xylene	102	104	70-130	3	0-30	
o-Xylene	102	105	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	102	104	70-130	2	0-30	
Tert-Butyl Alcohol (TBA)	95	95	70-130	1	0-30	
Diisopropyl Ether (DIPE)	83	86	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	93	99	70-130	6	0-30	
Tert-Amyl-Methyl Ether (TAME)	92	96	70-130	4	0-30	
Ethanol	80	84	70-130	5	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-04-1953

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
INCIDENT # (ENV SERVICES): 98995843 ☐ CHECK IF NO INCIDENT # APPLIES
PO #: _____ SAP #: _____
DATE: 4-21-08
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS
SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton | State: CA | GLOBAL ID NO: T0600101267
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office | PHONE NO: 626.256.6662 | E-MAIL: jsuing@deltaenv.com | CONSULTANT PROJECT NO: BTSS 080421-EC1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
SAMPLER NAME(S) (Print): _____ | LAB USE ONLY: 04-1953
TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
CC Rich Garlow rgarlow@deltaenv.com with final report.

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-1	4-21-08	1250	W	X					3	X		X	X								X		
2	S-2		1221								X		X	X								X		
3	S-3		1041								X		X	X								X		
4	S-5		0941								X		X	X								X		
5	EW-1		1159								X		X	X								X		
6	EW-2		1345								X		X	X								X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
H. Elias Chavarria	(Sample Custodian)	4-21-08	1518
(Sample Custodian)	Tom O'Malley CEL	4/22/08	0955
Tom O'Malley TO GSO 04/22/08 1730		4/22/08	1010

309410161

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 04 - 1953

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech DATE: 4/23/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.1 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS:

Calscience Environmental Laboratories, Inc.

May 22, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.:** **08-05-0901**
Client Reference: **5251 Hopyard Rd., Pleasanton, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/9/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	05/09/08
1680 Rogers Avenue	Work Order No:	08-05-0901
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-05-0901-1-B**	**05/06/08 11:09**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 18:48**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	5700	250	5		Methyl-t-Butyl Ether (MTBE)	ND	5.0	5	
Benzene	21	2.5	5		Tert-Butyl Alcohol (TBA)	270	50	5	
Ethylbenzene	440	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	29	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	40	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	16	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	70-130			1,4-Bromofluorobenzene-TPPH	86	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**08-05-0901-2-B**	**05/06/08 09:45**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 19:11**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	62	50	1		Methyl-t-Butyl Ether (MTBE)	53	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	300	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	70-130			1,4-Bromofluorobenzene-TPPH	81	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**08-05-0901-3-B**	**05/06/08 10:13**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 19:34**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	210	50	1		Methyl-t-Butyl Ether (MTBE)	9.1	1.0	1	
Benzene	2.3	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	84	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	05/09/08
1680 Rogers Avenue		Work Order No:	08-05-0901
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-05-0901-4-B**	**05/06/08 09:15**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 19:57**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	150	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	1.0	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	190	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	70-130			1,4-Bromofluorobenzene-TPPH	81	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-05-0901-5-B**	**05/06/08 12:22**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 20:20**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	20000	500	10		Methyl-t-Butyl Ether (MTBE)	ND	10	10	
Benzene	280	5.0	10		Tert-Butyl Alcohol (TBA)	ND	100	10	
Ethylbenzene	1000	10	10		Diisopropyl Ether (DIPE)	ND	20	10	
Toluene	620	10	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	10	
p/m-Xylene	590	10	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	10	
o-Xylene	26	10	10		Ethanol	ND	1000	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	70-130			1,4-Bromofluorobenzene-TPPH	86	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-05-0901-6-B**	**05/06/08 13:20**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 20:43**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	8.3	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	590	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	70-130			1,4-Bromofluorobenzene-TPPH	80	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 05/09/08
Work Order No: 08-05-0901
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-330**	**N/A**	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08 12:14**	**080513L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	81	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.	Date Received:	05/09/08
1680 Rogers Avenue	Work Order No:	08-05-0901
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-05-0740-1	**Aqueous**	**GC/MS W**	**05/13/08**	**05/13/08**	**080513S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	114	70-130	4	0-30	
Ethylbenzene	107	109	70-130	2	0-30	
Toluene	104	109	70-130	4	0-30	
p/m-Xylene	109	111	70-130	2	0-30	
o-Xylene	106	108	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	102	105	70-130	4	0-30	
Tert-Butyl Alcohol (TBA)	109	118	70-130	8	0-30	
Diisopropyl Ether (DIPE)	100	103	70-130	3	0-30	
Ethyl-t-Butyl Ether (ETBE)	105	107	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	104	106	70-130	1	0-30	
Ethanol	82	86	70-130	3	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received:	N/A
Work Order No:	08-05-0901
Preparation:	EPA 5030B
Method:	LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-330	Aqueous	GC/MS W	05/13/08	05/13/08	080513L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	89	104	65-135	16	0-30	
Benzene	114	104	70-130	9	0-30	
Ethylbenzene	111	101	70-130	9	0-30	
Toluene	109	101	70-130	8	0-30	
p/m-Xylene	113	104	70-130	9	0-30	
o-Xylene	108	100	70-130	8	0-30	
Methyl-t-Butyl Ether (MTBE)	103	102	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	109	105	70-130	4	0-30	
Diisopropyl Ether (DIPE)	101	97	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	105	94	70-130	11	0-30	
Tert-Amyl-Methyl Ether (TAME)	103	97	70-130	6	0-30	
Ethanol	112	109	70-130	3	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-05-0901

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:

- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 05-06-08

PAGE: 1 of 1

PO #:

SAP #:

SAMPLING COMPANY	Blaine Tech Services
LOG CODE	BTSS
SITE ADDRESS: Street and City	5251 Hopyard Rd., Pleasanton
State	CA
GLOBAL ID NO	T0600101267
ADDRESS	1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location)	Jon Suing, Delta, Monrovia Office
PHONE NO	626.256.6662
E-MAIL	jsuing@deltaenv.com
CONSULTANT PROJECT NO	BTSS 080506-MT1
PROJECT CONTACT (Hardcopy or PDF Report to)	Michael Ninokata
SAMPLER NAME(S) (Print)	M. Todi
TELEPHONE	(408)573-0555
FAX	(408)573-7771
E-MAIL	mninokata@blainetech.com
LAB USE ONLY	05-0901

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

CC Rich Garlow rgarlow@deltaenv.com with final report.

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)							Container PID Readings or Laboratory Notes
1	S-1	05/06/08	1109	W	X					3	X		X	X								X								
2	S-2	↓	0945	↓	X					3	X		X	X								X								
3	S-3	↓	1013	↓	X					3	X		X	X								X								
4	S-5	↓	0915	↓	X					3	X		X	X								X								
5	EW-1	↓	1222	↓	X					3	X		X	X								X								
6	EW-2	↓	1320	↓	X					3	X		X	X								X								

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] (Sample custodian)	05-06-08	1430
[signature] (Sample Custodian)	[signature]	5/8/08	1505
[signature]	Wdbat CEL	5-9-08	1030

1650 1055 774 202

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 05 - 0401

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech DATE: 5/9/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

3.2 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: JP

COMMENTS:

Calscience Environmental Laboratories, Inc.

May 30, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-05-2262**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/24/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received:	05/24/08
Work Order No:	08-05-2262
Preparation:	EPA 5030B
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-05-2262-1-A**	**05/21/08 15:30**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 05:39**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	7800	250	5		Methyl-t-Butyl Ether (MTBE)	40	5.0	5	
Benzene	29	2.5	5		Tert-Butyl Alcohol (TBA)	190	50	5	
Ethylbenzene	620	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	51	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	78	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	30	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	70-130			1,4-Bromofluorobenzene-TPPH	97	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**08-05-2262-2-A**	**05/21/08 15:45**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 06:09**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	130	50	1		Methyl-t-Butyl Ether (MTBE)	61	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	320	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**08-05-2262-3-A**	**05/21/08 14:31**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 06:39**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	430	50	1		Methyl-t-Butyl Ether (MTBE)	17	1.0	1	
Benzene	21	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	3.5	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	4.2	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	97	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	05/24/08
1680 Rogers Avenue		Work Order No:	08-05-2262
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**08-05-2262-4-A**	**05/21/08 12:02**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 04:08**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-05-2262-5-A**	**05/21/08 14:01**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 07:09**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	250	50	1		Methyl-t-Butyl Ether (MTBE)	3.8	1.0	1	
Benzene	1.6	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**08-05-2262-6-A**	**05/21/08 10:10**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 07:39**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 05/24/08
Work Order No: 08-05-2262
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7	**08-05-2262-7-A**	**05/21/08 10:36**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 08:09**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	8.8	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	89	70-130			1,4-Bromofluorobenzene-TPPH	93	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	**08-05-2262-8-A**	**05/21/08 11:28**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 08:40**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**08-05-2262-9-A**	**05/21/08 12:32**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 09:10**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	05/24/08
1680 Rogers Avenue	Work Order No:	08-05-2262
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-05-2262-10-A**	**05/21/08 15:20**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 09:40**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	17000	500	10		Methyl-t-Butyl Ether (MTBE)	ND	10	10	
Benzene	180	5.0	10		Tert-Butyl Alcohol (TBA)	ND	100	10	
Ethylbenzene	830	10	10		Diisopropyl Ether (DIPE)	ND	20	10	
Toluene	440	10	10		Ethyl-t-Butyl Ether (ETBE)	ND	20	10	
p/m-Xylene	460	10	10		Tert-Amyl-Methyl Ether (TAME)	ND	20	10	
o-Xylene	24	10	10		Ethanol	ND	1000	10	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	70-130			1,4-Bromofluorobenzene-TPPH	96	70-130		

EW-2	**08-05-2262-11-B**	**05/21/08 15:50**	**Aqueous**	**GC/MS R**	**05/28/08**	**05/29/08 06:59**	**080528L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	53	50	1		Methyl-t-Butyl Ether (MTBE)	11	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	380	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	88	70-130			1,4-Bromofluorobenzene-TPPH	92	70-130		

Method Blank	**099-12-715-407**	**N/A**	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08 03:38**	**080527L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	88	70-130			1,4-Bromofluorobenzene-TPPH	92	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 05/24/08
Work Order No: 08-05-2262
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-410**	**N/A**	**Aqueous**	**GC/MS R**	**05/28/08**	**05/29/08 04:28**	**080528L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	87	70-130			1,4-Bromofluorobenzene-TPPH	91	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 05/24/08
Work Order No: 08-05-2262
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-4	**Aqueous**	**GC/MS R**	**05/27/08**	**05/28/08**	**080527S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	107	70-130	6	0-30	
Ethylbenzene	102	107	70-130	5	0-30	
Toluene	101	107	70-130	6	0-30	
p/m-Xylene	100	105	70-130	5	0-30	
o-Xylene	100	105	70-130	5	0-30	
Methyl-t-Butyl Ether (MTBE)	93	97	70-130	4	0-30	
Tert-Butyl Alcohol (TBA)	86	87	70-130	2	0-30	
Diisopropyl Ether (DIPE)	89	93	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	82	89	70-130	9	0-30	
Tert-Amyl-Methyl Ether (TAME)	87	90	70-130	3	0-30	
Ethanol	90	95	70-130	4	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 05/24/08
Work Order No: 08-05-2262
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-05-2258-5	**Aqueous**	**GC/MS R**	**05/28/08**	**05/29/08**	**080528S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	111	70-130	1	0-30	
Ethylbenzene	111	112	70-130	1	0-30	
Toluene	112	112	70-130	0	0-30	
p/m-Xylene	110	110	70-130	0	0-30	
o-Xylene	108	109	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	99	99	70-130	0	0-30	
Tert-Butyl Alcohol (TBA)	84	84	70-130	1	0-30	
Diisopropyl Ether (DIPE)	95	96	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	92	88	70-130	4	0-30	
Tert-Amyl-Methyl Ether (TAME)	93	94	70-130	2	0-30	
Ethanol	93	95	70-130	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-05-2262
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-407	Aqueous	GC/MS R	05/27/08	05/28/08	080527L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	95	93	65-135	3	0-30	
Benzene	107	108	70-130	1	0-30	
Ethylbenzene	109	109	70-130	0	0-30	
Toluene	108	108	70-130	0	0-30	
p/m-Xylene	108	106	70-130	1	0-30	
o-Xylene	104	105	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	83	89	70-130	6	0-30	
Tert-Butyl Alcohol (TBA)	86	84	70-130	3	0-30	
Diisopropyl Ether (DIPE)	86	90	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	78	86	70-130	10	0-30	
Tert-Amyl-Methyl Ether (TAME)	80	85	70-130	6	0-30	
Ethanol	99	97	70-130	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-05-2262
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-410	Aqueous	GC/MS R	05/28/08	05/29/08	080528L03

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	94	95	65-135	1	0-30	
Benzene	110	112	70-130	2	0-30	
Ethylbenzene	112	113	70-130	1	0-30	
Toluene	111	114	70-130	2	0-30	
p/m-Xylene	111	111	70-130	0	0-30	
o-Xylene	108	111	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	94	97	70-130	4	0-30	
Tert-Butyl Alcohol (TBA)	94	90	70-130	4	0-30	
Diisopropyl Ether (DIPE)	100	95	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	89	91	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	89	93	70-130	5	0-30	
Ethanol	108	101	70-130	7	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-05-2262

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES
PO #: SAP #:
DATE: 5/21/08
PAGE: 1 of 2

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton	State: CA	GLOBAL ID NO.: T0600101267
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112		EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office	PHONE NO.: 626.256.6662	E-MAIL: jsuing@deltaenv.com	CONSULTANT PROJECT NO.: 080521-1SD1 BTS#
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata		SAMPLER NAME(S) (Print): B. Doshier		LAB USE ONLY: 05-2267
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com		

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

CC Rich Garlow rgarlow@deltaenv.com with final report.

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
1	S-1	5/21/08	1350	W	X					3	X		X	X								X		
2	S-2		1345	W	X						X		X	X								X		
3	S-3		1431	W	X						X		X	X								X		
4	S-4		1202	W	X						X		X	X								X		
5	S-5		1401	W	X						X		X	X								X		
6	S-6		1010	W	X						X		X	X								X		
7	S-7		1036	W	X						X		X	X								X		
8	S-8		1128	W	X						X		X	X								X		
9	S-9		1232	W	X					↓	X		X	X								X		
		↓																						

TEMPERATURE ON RECEI.. C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		5/21/08	1716
Shipped VIA GSO		5/23/08	1700
GSO		5/24/08	8:40

05/2/06 Revision

5096378O9

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☑ ENV. SERVICES | ☐ MOTIVA RETAIL | ☐ SHELL RETAIL
☐ MOTIVA SD&CM | ☐ CONSULTANT | ☐ LUBES
☐ SHELL PIPELINE | ☐ OTHER _____

Print Bill To Contact Name: Denis Brown
INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES
PO #: SAP #:
DATE: 5/21/08
PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services | LOG CODE: BTSS
SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton | State: CA | GLOBAL ID NO: T0600101267
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office | PHONE NO: 626.256.6662 | E-MAIL: jsuing@deltaenv.com | CONSULTANT PROJECT NO: 080521-BD1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
SAMPLER NAME(S) (Print): B. Doshier | LAB USE ONLY: 05-2267
TELEPHONE: (408)573-0555 | FAX: (408)573-7771 | E-MAIL: mninokata@blainetech.com

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
CC Rich Garlow rgarlow@deltaenv.com with final report.

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEI.. C° / Container PID Readings or Laboratory Notes
10	EW-1	5/21/08	1520	W	X					3	X		X	X								X		
11	EW-2	↓	1550	W	X					3	X		X	X								X		

Relinquished by: (Signature) [signature] | Received by: (Signature) [signature] | Date: 5/21/08 | Time: 1716
Relinquished by: (Signature) Shipped Via GSO | Received by: (Signature) | Date: 5/23/08 | Time: 1700 est
Relinquished by: (Signature) GSO | Received by: (Signature) [signature] CEL | Date: 5/24/08 | Time: 8:40

05/2/06 Revision

5096378 09

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 05 - 2262

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BLAINE TECH **DATE:** 5-24-08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.5 °C IR thermometer.
_____ Ambient temperature.

Initial: TD

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: TD

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: TD

COMMENTS:

Calscience Environmental Laboratories, Inc.

April 23, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-04-0887**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/10/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 04/10/08
Work Order No: 08-04-0887
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-04-0887-1-A**	**04/08/08 09:54**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 19:37**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	4200	100	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	2	
Benzene	15	1.0	2		Tert-Butyl Alcohol (TBA)	240	20	2	
Ethylbenzene	230	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	18	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	21	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	5.4	2.0	2		Ethanol	ND	200	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	70-130			1,4-Bromofluorobenzene-TPPH	87	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**08-04-0887-2-A**	**04/08/08 09:25**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 20:02**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	88	50	1		Methyl-t-Butyl Ether (MTBE)	72	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	310	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	93	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**08-04-0887-3-A**	**04/08/08 09:50**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 20:26**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	170	50	1		Methyl-t-Butyl Ether (MTBE)	8.1	1.0	1	
Benzene	7.8	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	2.6	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	4.0	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	70-130			1,4-Bromofluorobenzene-TPPH	99	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	04/10/08
1680 Rogers Avenue		Work Order No:	08-04-0887
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-04-0887-4-A**	**04/08/08 08:40**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 20:51**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	120	50	1		Methyl-t-Butyl Ether (MTBE)	5.2	1.0	1	
Benzene	0.76	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	93	70-130			1,4-Bromofluorobenzene-TPPH	94	70-130		

EW-1	**08-04-0887-5-A**	**04/08/08 09:45**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 21:16**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	12000	250	5		Methyl-t-Butyl Ether (MTBE)	ND	5.0	5	
Benzene	430	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	430	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	200	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	290	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	12	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	70-130			1,4-Bromofluorobenzene-TPPH	99	70-130		

EW-2	**08-04-0887-6-C**	**04/08/08 10:05**	**Aqueous**	**GC/MS LL**	**04/22/08**	**04/22/08 12:56**	**080422L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	8.9	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	180	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	91	70-130			1,4-Bromofluorobenzene-TPPH	95	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received:	04/10/08
Work Order No:	08-04-0887
Preparation:	EPA 5030B
Method:	LUFT GC/MS / EPA 8260B
Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-189**	**N/A**	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08 15:04**	**080418L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	90	70-130			1,4-Bromofluorobenzene-TPPH	93	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-193**	**N/A**	**Aqueous**	**GC/MS LL**	**04/22/08**	**04/22/08 12:31**	**080422L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	98	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 04/10/08
Work Order No: 08-04-0887
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-04-0779-1	**Aqueous**	**GC/MS LL**	**04/18/08**	**04/18/08**	**080418S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	83	79	70-130	4	0-30	
Ethylbenzene	76	72	70-130	5	0-30	
Toluene	83	79	70-130	5	0-30	
p/m-Xylene	75	71	70-130	6	0-30	
o-Xylene	78	75	70-130	5	0-30	
Methyl-t-Butyl Ether (MTBE)	93	92	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	85	87	70-130	3	0-30	
Diisopropyl Ether (DIPE)	99	97	70-130	3	0-30	
Ethyl-t-Butyl Ether (ETBE)	96	95	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	95	95	70-130	0	0-30	
Ethanol	75	79	70-130	5	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 04/10/08
Work Order No: 08-04-0887
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
EW-2	**Aqueous**	**GC/MS LL**	**04/22/08**	**04/22/08**	**080422S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	83	93	70-130	11	0-30	
Ethylbenzene	84	86	70-130	2	0-30	
Toluene	88	93	70-130	5	0-30	
p/m-Xylene	83	84	70-130	1	0-30	
o-Xylene	86	87	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	80	96	70-130	16	0-30	
Tert-Butyl Alcohol (TBA)	72	88	70-130	11	0-30	
Diisopropyl Ether (DIPE)	84	98	70-130	15	0-30	
Ethyl-t-Butyl Ether (ETBE)	84	99	70-130	16	0-30	
Tert-Amyl-Methyl Ether (TAME)	87	100	70-130	14	0-30	
Ethanol	67	68	70-130	2	0-30	3

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-04-0887
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-189	Aqueous	GC/MS LL	04/18/08	04/18/08	080418L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	91	93	65-135	2	0-30	
Benzene	94	88	70-130	7	0-30	
Ethylbenzene	87	87	70-130	0	0-30	
Toluene	94	91	70-130	4	0-30	
p/m-Xylene	86	86	70-130	0	0-30	
o-Xylene	88	90	70-130	2	0-30	
Methyl-t-Butyl Ether (MTBE)	94	91	70-130	4	0-30	
Tert-Butyl Alcohol (TBA)	83	84	70-130	1	0-30	
Diisopropyl Ether (DIPE)	104	100	70-130	4	0-30	
Ethyl-t-Butyl Ether (ETBE)	98	95	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	98	96	70-130	1	0-30	
Ethanol	85	85	70-130	0	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-04-0887
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-193	Aqueous	GC/MS LL	04/22/08	04/22/08	080422L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	95	94	65-135	1	0-30	
Benzene	86	87	70-130	1	0-30	
Ethylbenzene	87	87	70-130	1	0-30	
Toluene	91	93	70-130	2	0-30	
p/m-Xylene	86	86	70-130	0	0-30	
o-Xylene	89	89	70-130	0	0-30	
Methyl-t-Butyl Ether (MTBE)	82	84	70-130	2	0-30	
Tert-Butyl Alcohol (TBA)	77	81	70-130	5	0-30	
Diisopropyl Ether (DIPE)	86	87	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	87	87	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	91	92	70-130	1	0-30	
Ethanol	70	76	70-130	8	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-04-0887

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:
☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3 ☐ CHECK IF NO INCIDENT # APPLIES

PO #: SAP #:

DATE: 4/8/08 PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112	
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata	
TELEPHONE: (408)573-0555 FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com
SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton	State: CA
GLOBAL ID NO: T0600101267	
EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office	PHONE NO: 626.256.6662
E-MAIL: jsuing@deltaenv.com	CONSULTANT PROJECT NO: 080408-KC1 BTS#
SAMPLER NAME(S) (Print): K. Cordes	LAB USE ONLY: 04-0887

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

CC Rich Garlow rgarlow@deltaenv.com with final report.

TEMPERATURE ON RECEIPT C°

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
1	S-1	4/8/08	0954	W	X					5	X		X	X								X		
2	S-2	↓	0925	↓	X					5	X		X	X								X		
3	S-3	↓	0950	↓	X					5	X		X	X								X		
4	S-5	↓	0840	↓	X					5	X		X	X								X		
5	EW-1	↓	0945	↓	X					5	X		X	X								X		
6	EW-2	↓	1005	↓	X					5	X		X	X								X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] (Sample Custodian)	4/8/08	1405
[signature]	Tom O'Malley CEL	4/9/08	1000
Tom O'Malley TO GSO 4.9.08 1730	[signature]	4/10/08	1030

509316386

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 04 - 0887

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech **DATE:** 4/10/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

1.2 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: JP

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: JP

COMMENTS:

Calscience Environmental Laboratories, Inc.

April 01, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-03-1955**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/22/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received: 03/22/08
1680 Rogers Avenue	Work Order No: 08-03-1955
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B
	Units: ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	08-03-1955-1-C	03/21/08 14:00	Aqueous	GC/MS W	03/31/08	04/01/08 04:11	080331L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	5300	100	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	2	
Benzene	22	1.0	2		Tert-Butyl Alcohol (TBA)	220	20	2	
Ethylbenzene	210	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	23	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	33	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	5.7	2.0	2		Ethanol	ND	200	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	99	70-130			1,4-Bromofluorobenzene-TPPH	110	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	08-03-1955-2-C	03/21/08 09:55	Aqueous	GC/MS W	03/31/08	04/01/08 04:34	080331L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	73	50	1		Methyl-t-Butyl Ether (MTBE)	91	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	480	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	107	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	08-03-1955-3-C	03/21/08 11:05	Aqueous	GC/MS W	03/31/08	04/01/08 04:57	080331L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	68	50	1		Methyl-t-Butyl Ether (MTBE)	8.6	1.0	1	
Benzene	4.8	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	1.3	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	1.6	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	70-130			1,4-Bromofluorobenzene-TPPH	109	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	03/22/08
1680 Rogers Avenue		Work Order No:	08-03-1955
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-03-1955-4-C**	**03/21/08 10:35**	**Aqueous**	**GC/MS W**	**03/31/08**	**04/01/08 05:21**	**080331L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	150	50	1		Methyl-t-Butyl Ether (MTBE)	5.2	1.0	1	
Benzene	0.71	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	96	70-130			1,4-Bromofluorobenzene-TPPH	103	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-03-1955-5-C**	**03/21/08 12:20**	**Aqueous**	**GC/MS W**	**03/31/08**	**04/01/08 05:44**	**080331L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	14000	250	5		Methyl-t-Butyl Ether (MTBE)	ND	5.0	5	
Benzene	690	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	750	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	430	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	590	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	24	5.0	5		Ethanol	ND	500	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	70-130			1,4-Bromofluorobenzene-TPPH	109	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-03-1955-6-C**	**03/21/08 13:25**	**Aqueous**	**GC/MS W**	**03/31/08**	**04/01/08 06:07**	**080331L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	350	100	2		Methyl-t-Butyl Ether (MTBE)	ND	2.0	2	
Benzene	5.3	1.0	2		Tert-Butyl Alcohol (TBA)	990	20	2	
Ethylbenzene	6.2	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	4.6	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	18	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	ND	2.0	2		Ethanol	ND	200	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	95	70-130			1,4-Bromofluorobenzene-TPPH	107	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	03/22/08
1680 Rogers Avenue	Work Order No:	08-03-1955
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-85**	**N/A**	**Aqueous**	**GC/MS W**	**03/31/08**	**04/01/08 02:37**	**080331L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	94	70-130			1,4-Bromofluorobenzene-TPPH	105	70-130		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 03/22/08
Work Order No: 08-03-1955
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-03-1986-1	**Aqueous**	**GC/MS W**	**03/31/08**	**04/01/08**	**080331S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	99	70-130	2	0-30	
Ethylbenzene	97	99	70-130	2	0-30	
Toluene	101	101	70-130	0	0-30	
p/m-Xylene	98	100	70-130	2	0-30	
o-Xylene	99	100	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	98	101	70-130	3	0-30	
Tert-Butyl Alcohol (TBA)	80	104	70-130	26	0-30	
Diisopropyl Ether (DIPE)	100	100	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	100	101	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	101	102	70-130	1	0-30	
Ethanol	92	91	70-130	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	08-03-1955
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-715-85	Aqueous	GC/MS W	03/31/08	04/01/08	080331L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPPH	81	86	65-135	7	0-30	
Benzene	109	110	70-130	1	0-30	
Ethylbenzene	112	112	70-130	1	0-30	
Toluene	112	115	70-130	3	0-30	
p/m-Xylene	111	113	70-130	2	0-30	
o-Xylene	108	111	70-130	3	0-30	
Methyl-t-Butyl Ether (MTBE)	102	104	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	112	109	70-130	3	0-30	
Diisopropyl Ether (DIPE)	105	105	70-130	0	0-30	
Ethyl-t-Butyl Ether (ETBE)	104	105	70-130	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	106	105	70-130	1	0-30	
Ethanol	109	107	70-130	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-03-1955

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

1955

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:

☑ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL ☐ MOTIVA SD&CM ☐ CONSULTANT ☐ LUBES ☐ SHELL PIPELINE ☐ OTHER ______

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3/21/08

PAGE: 1 of 1

PO #:

SAP #:

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112	
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata	
TELEPHONE: (408)573-0555	FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com	

SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton	State: CA
GLOBAL ID NO: T0600101267	
EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office	PHONE NO: 626.256.6662
E-MAIL: jsuing@deltaenv.com	CONSULTANT PROJECT NO: BTS# 080321-WL1
SAMPLER NAME(S) (Print): Will Lampe	LAB USE ONLY: 08-03-1955

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMBURSEMENT RATE APPLIES
☐ EDD NOT NEEDED
☑ RECEIPT VERIFICATION REQUESTED

CC Rich Garlow rgarlow@deltaenv.com with final report.

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
1	S-1	03/21/08	1400	Water	X					5	X		X	X								X		
2	S-2	↓	0955	↓	X					↓	X		X	X								X		
3	S-3	↓	1105	↓	X					↓	X		X	X								X		
4	S-5	↓	1035	↓	X					↓	X		X	X								X		
5	EW-1	↓	1220	↓	X					↓	X		X	X								X		
6	EW-2	↓	1325	↓	X					↓	X		X	X								X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
William Lampe	William Lampe (sample custodian)	3/21/08	1530
[signature] (BTS)	[signature]	3/21/08	1755
[signature] (1655) (DO28 43A)	Rodyne [signature] (CEL)	3/22/08	~~1950~~ 0900

05/2/06 Revision

Page 8 of 9

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 03 - 1955

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BTS DATE: 3/22/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
2.0 °C IR thermometer.
_____ Ambient temperature.

Initial: KW

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: ✓ No (Not Intact) : _____ Not Present: _____

Initial: KW

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: KW

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

March 20, 2008

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **Calscience Work Order No.: 08-03-0692**
Client Reference: 5251 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/8/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	03/08/08
1680 Rogers Avenue	Work Order No:	08-03-0692
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	08-03-0692-1-D	03/07/08 11:20	Aqueous	GC 21	03/12/08	03/13/08 02:47	080312B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	6800	100	2		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	145	38-134		2	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	08-03-0692-2-D	03/07/08 09:20	Aqueous	GC 21	03/12/08	03/13/08 03:19	080312B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	93	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	08-03-0692-3-D	03/07/08 11:10	Aqueous	GC 21	03/12/08	03/13/08 03:52	080312B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	170	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	94	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	08-03-0692-4-D	03/07/08 09:40	Aqueous	GC 21	03/12/08	03/13/08 04:25	080312B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	220	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	96	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	03/08/08
1680 Rogers Avenue		Work Order No:	08-03-0692
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-03-0692-5-D**	**03/07/08 10:50**	**Aqueous**	**GC 21**	**03/12/08**	**03/13/08 04:58**	**080312B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	11000	250	5		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	105	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-03-0692-6-D**	**03/07/08 11:30**	**Aqueous**	**GC 21**	**03/12/08**	**03/13/08 05:30**	**080312B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	850	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	97	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,617**	**N/A**	**Aqueous**	**GC 21**	**03/12/08**	**03/12/08 21:52**	**080312B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	95	38-134			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	03/08/08
1680 Rogers Avenue		Work Order No:	08-03-0692
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: 5251 Hopyard Rd., Pleasanton, CA			Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-1	**08-03-0692-1-A**	**03/07/08 11:20**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 07:13**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	25	2.5	5		Tert-Butyl Alcohol (TBA)	240	50	5	
Ethylbenzene	310	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	37	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	51	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	8.2	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	74-140		1,2-Dichloroethane-d4	96	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	101	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**08-03-0692-2-A**	**03/07/08 09:20**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 07:41**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	240	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	57	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	90	74-140		1,2-Dichloroethane-d4	74	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	94	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**08-03-0692-3-A**	**03/07/08 11:10**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 08:10**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	15	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	2.5	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	4.0	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	12	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	100	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	03/08/08
1680 Rogers Avenue	Work Order No:	08-03-0692
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5	**08-03-0692-4-A**	**03/07/08 09:40**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 05:17**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.8	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	74-140		1,2-Dichloroethane-d4	96	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	97	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	**08-03-0692-5-A**	**03/07/08 10:50**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 09:08**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	380	2.5	5		Tert-Butyl Alcohol (TBA)	ND	50	5	
Ethylbenzene	370	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	200	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
p/m-Xylene	310	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
o-Xylene	7.0	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	74-140		1,2-Dichloroethane-d4	94	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	99	74-110	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	**08-03-0692-6-A**	**03/07/08 11:30**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 09:37**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2		Tert-Butyl Alcohol (TBA)	1200	20	2	
Ethylbenzene	ND	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
p/m-Xylene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
o-Xylene	ND	2.0	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	8.0	2.0	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	95	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	98	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	03/08/08
1680 Rogers Avenue	Work Order No:	08-03-0692
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: 5251 Hopyard Rd., Pleasanton, CA — Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-006-24,846**	**N/A**	**Aqueous**	**GC/MS FF**	**03/19/08**	**03/20/08 04:19**	**080319L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	96	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: 03/08/08
Work Order No: 08-03-0692
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-03-0703-4	Aqueous	GC 21	03/12/08	03/13/08	080312S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	89	90	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.	Date Received:	03/08/08
1680 Rogers Avenue	Work Order No:	08-03-0692
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-5	Aqueous	GC/MS FF	03/19/08	03/20/08	080319S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	102	88-118	6	0-7	
Carbon Tetrachloride	97	105	67-145	7	0-11	
Chlorobenzene	98	102	88-118	4	0-7	
1,2-Dibromoethane	108	96	70-130	12	0-30	
1,2-Dichlorobenzene	98	97	86-116	1	0-8	
1,1-Dichloroethene	89	102	70-130	14	0-25	
Ethylbenzene	96	105	70-130	9	0-30	
Toluene	99	103	87-123	3	0-8	
Trichloroethene	90	98	79-127	8	0-10	
Vinyl Chloride	105	118	69-129	12	0-13	
Methyl-t-Butyl Ether (MTBE)	114	102	71-131	11	0-13	
Tert-Butyl Alcohol (TBA)	104	92	36-168	13	0-45	
Diisopropyl Ether (DIPE)	101	100	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	100	93	72-126	7	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	88	72-126	9	0-12	
Ethanol	93	75	53-149	22	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.		Date Received:	N/A
1680 Rogers Avenue		Work Order No:	08-03-0692
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,617	Aqueous	GC 21	03/12/08	03/12/08	080312B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	93	92	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Date Received: N/A
Work Order No: 08-03-0692
Preparation: EPA 5030B
Method: EPA 8260B

Project: 5251 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-24,846	Aqueous	GC/MS FF	03/19/08	03/20/08	080319L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	97	84-120	3	0-8	
Carbon Tetrachloride	105	99	63-147	6	0-10	
Chlorobenzene	100	98	89-119	2	0-7	
1,2-Dibromoethane	99	93	80-120	6	0-20	
1,2-Dichlorobenzene	99	96	89-119	3	0-9	
1,1-Dichloroethene	102	95	77-125	7	0-16	
Ethylbenzene	103	100	80-120	3	0-20	
Toluene	102	99	83-125	3	0-9	
Trichloroethene	99	97	89-119	3	0-8	
Vinyl Chloride	125	114	63-135	9	0-13	
Methyl-t-Butyl Ether (MTBE)	93	86	82-118	7	0-13	
Tert-Butyl Alcohol (TBA)	97	83	46-154	15	0-32	
Diisopropyl Ether (DIPE)	96	91	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	93	90	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	87	76-124	4	0-10	
Ethanol	81	72	60-138	13	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-03-0692

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

(0692)

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (______)
- ☐ SPL (______)
- ☐ XENCO (______)
- ☐ TEST AMERICA (______)
- ☐ OTHER (______)

Please Check Appropriate Box:
- ☑ ENV. SERVICES
- ☐ MOTIVA RETAIL
- ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM
- ☐ CONSULTANT
- ☐ LUBES
- ☐ SHELL PIPELINE
- ☐ OTHER ______

Print Bill To Contact Name: Denis Brown

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 3

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3/7/08

PAGE: 1 of 1

PO #:

SAP #:

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
SITE ADDRESS: Street and City: 5251 Hopyard Rd., Pleasanton	State: CA
GLOBAL ID NO.: T0600101267	
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112	
EDF DELIVERABLE TO (Name, Company, Office Location): Jon Suing, Delta, Monrovia Office	PHONE NO.: 626.256.6662
E-MAIL: jsuing@deltaenv.com	CONSULTANT PROJECT NO.: 080307-MN1 BTS#
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata	SAMPLER NAME(S) (Print): Michael Ninokata
TELEPHONE: (408)573-0555	FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com	LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

CC Rich Garlow rgarlow@deltaenv.com with final report.

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
	S-1	3/7/08	1120	W	X					5	X	[crossed out]	X	X								X		
	S-2	↓	0920	↓	↓					↓	X	[crossed out]	X	X								X		
	S-3	↓	1110	↓	↓					↓	X		X	X								X		
	S-5	↓	0940	↓	↓					↓	X		X	X								X		
	EW-1	↓	1050	↓	↓					↓	X		X	X								X		
	EW-2	↓	1130	↓	↓					↓	X		X	X								X		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] CEL	3/7/08	1150
[signature] TO GSO			
GSO50909512O	Wcbatin CEL	3-8-08	0845

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 03 - 0692

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BTS **DATE:** 3/8/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.1 °C IR thermometer.
_____ Ambient temperature.

Initial: [signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: [signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: [signature]

COMMENTS: