Shell Oil Products US

August 8, 2007

Re: **Quarterly Monitoring Report – Second Quarter 2007**
Shell-branded Service Station
4226 First Street
Pleasanton, California

Dear Mr. Jerry Wickham:

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

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

20945 S. Wilmington Avenue, Carson, CA 90810 P: (707) 865-0251; F: (707) 865-2542

August 8, 2007
DELTA Project SJ42-26F-X
SAP: 135782

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

Re: SECOND QUARTER 2007 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
4226 First Street
Pleasanton, California

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products (Shell), Delta Consultants, Inc. (Delta) has prepared this *Second Quarter 2007 Groundwater Monitoring Report* for the above referenced site.

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

If you have any questions regarding this site, please contact Mr. Richard Garlow (Delta) at (408) 239-9833 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Consultants, Inc.

Richard A. Garlow, PG 7472
Senior Project Manager

Attachment: Second Quarter 2007 Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US

SHELL QUARTERLY STATUS REPORT

Station Address:	4226 First Street, Pleasanton, California
DELTA Project No.	SJ4226F1X
SHELL Project Manager / Phone No.:	Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.:	Richard Garlow / (408) 239-9833
Primary Agency / Regulatory ID No.:	Alameda County Health Care Services Agency
Other Agencies to Receive Copies:	None

WORK PERFORMED THIS QUARTER (SECOND- 2007):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Continued batch extraction of groundwater started on June 7, 2007.

WORK PROPOSED FOR NEXT QUARTER (THIRD- 2007):

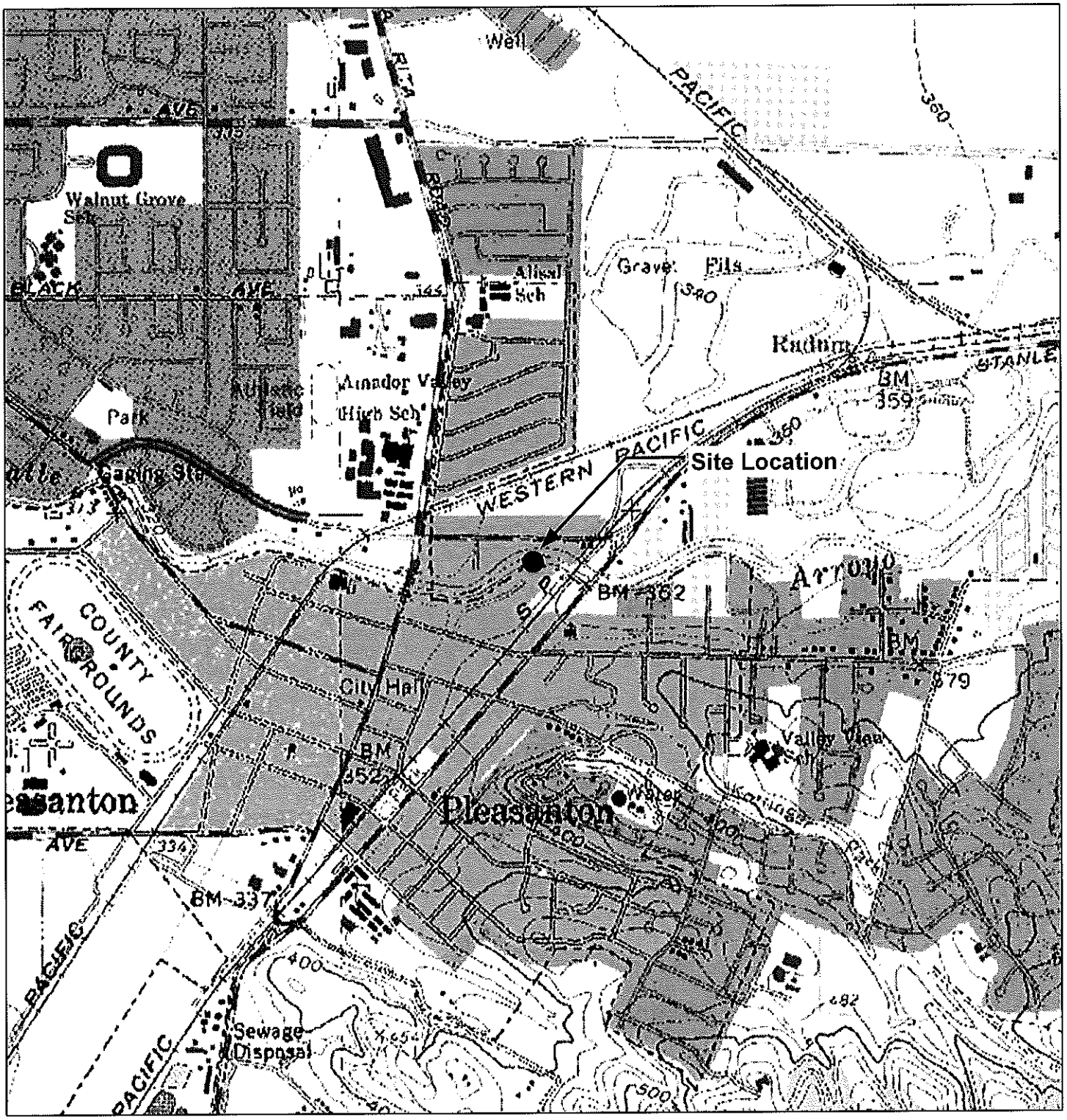
1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Begin Draft Corrective Action Plan, Migration Control and identification of adjacent property owners.
3. Analyses of extracted groundwater and recommendations for future extraction.
4. Discontinued extraction of groundwater.

Current Phase of Project:	Groundwater monitoring.
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	None
Sensitive Receptor(s) and Respective Direction(s):	The Arroyo Del Valle Creek is located approximately 1,133 feet north-west of the site. No municipal water supply wells were identified within a 1-mile radius of the site.
Current Remediation Techniques:	Groundwater batch extraction
Permits for Discharge:	None
Approximate Depth to Groundwater:	32 feet below top of well casing. 61 feet below top of well casing in deeper Well MW1-B.
Groundwater Gradient	North @ approximately 0.04 ft/ft, consistent with previous data
Current Agency Correspondence:	None
Summary:	Relative to the previous quarter TPPH concentrations in MW-1 increased from 800 ug/l to 1,400 ug/l, MTBE concentrations in MW-4 decreased from 14,000 ug/l to 11,000 ug/l. Outside of these values analytical results in all wells showed relatively minor variation from previous quarterly analytical results.

ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, June 1, 2007
- Figure 3 – TPH-G, Benzene, and MTBE Concentration Map, June 1, 2007
- Attachment A – Groundwater Monitoring and Sampling Report, June 1, 2007

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
4226 First Street
Pleasanton, California

PROJECT NO. SJ42-26F-1.2005	DRAWN BY V. F. 5/5/05
FILE NO. SJ42-26F-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY

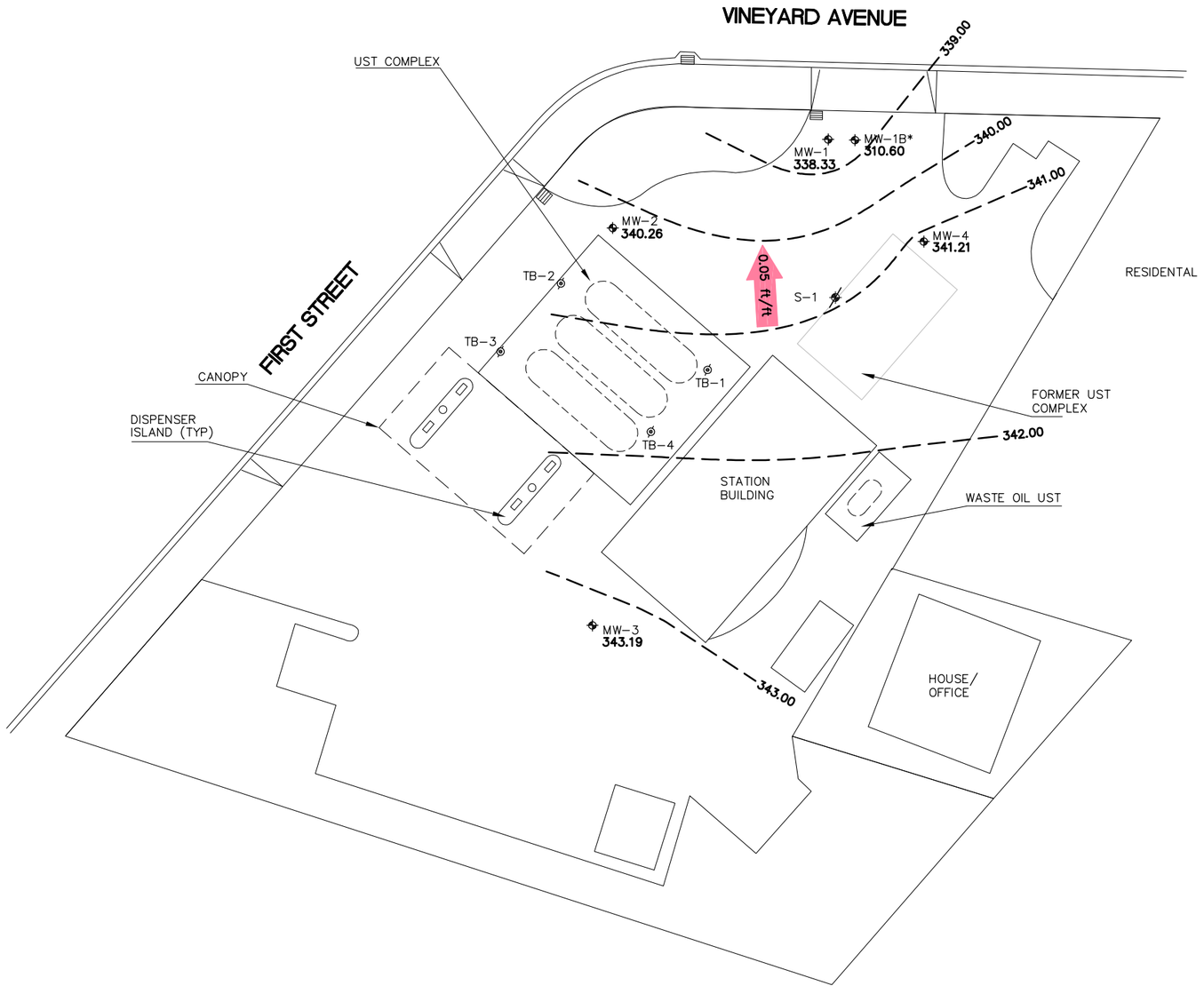
Delta Environmental Consultants, Inc.

PROJECT NUMBER SJ4226F1X

APPROVED BY

CHECKED BY

DRAWN BY ICD 07/04/07



N
W E
S

LEGEND

MW-1 ⌖	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
S-1 ⚡	DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
TB-1 ⌀	ABANDONED TANK BACKFILL WELL LOCATION
338.33	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
340.00 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=1.0 FEET
MW-1B*	MONITORS DEEPER WATER BEARING ZONE; NOT USED USED IN CONTOURING
0.05 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

0 15 30 SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP
06/01/07

4226 FIRST STREET
PLEASANTON, CALIFORNIA

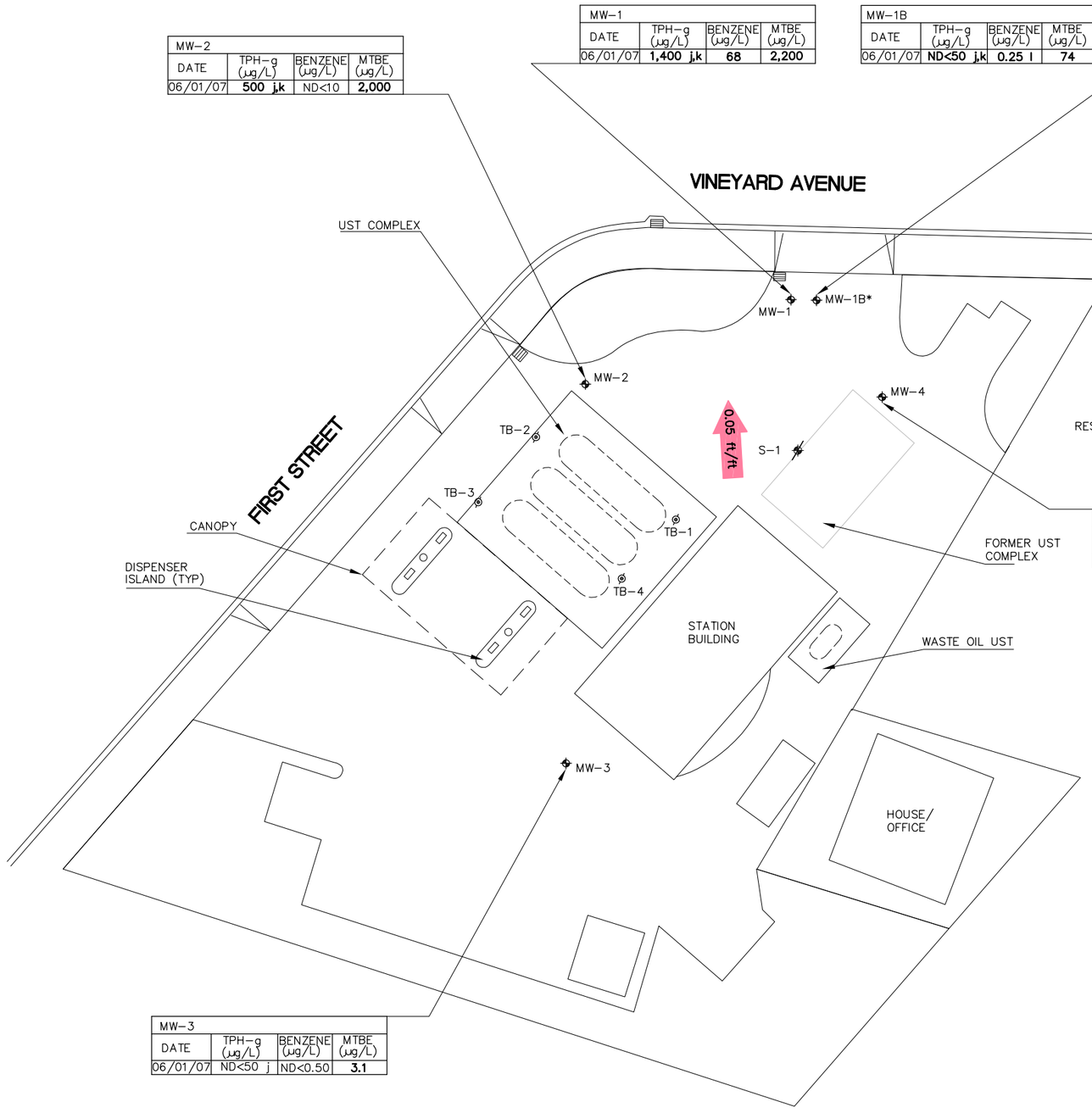
FILENAME: SJ4226F1X_07Q2.DWG|FIG2_GWCONTOURS

PROJECT NUMBER SJ4226F1X

APPROVED BY

CHECKED BY

DRAWN BY ICD 07/04/07



MW-1			
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)
06/01/07	**1,400 j,k**	**68**	**2,200**

MW-1B			
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)
06/01/07	**ND<50 j,k**	**0.25 l**	**74**

MW-2			
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)
06/01/07	**500 j,k**	ND<10	**2,000**

MW-4			
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)
06/01/07	**8,200 j**	**52**	**11,000**

MW-3			
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)
06/01/07	ND<50 j	ND<0.50	**3.1**

N
W E
S

LEGEND

MW-1	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
S-1	DESTROYED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
TB-1	ABANDONED TANK BACKFILL WELL LOCATION
TPH-g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL TERT-BUTYL ETHER
TBA	TERT-BUTYL ALCOHOL
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
0.05 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
j	ANALYZED BY EPA METHOD 8015B (M)
k	THE SAMPLE CHROMATOGRAPHIC PATTERN FOR TPH DOES NOT MATCH THE THE CHROMATOGRAPHIC PATTERN OF THE SPECIFIED STANDART. QUANTATION OF THE UNKNOWN HYDROCARBON(S) IN THE SAMPLE WAS BASED UPON THE SPECIFIED STANDART
l	ANALYTE WAS DETECTED AT A CONCENTRATION BELOW THE REPORTING LIMIT AND ABOVE THE LABORATORY METHOD DETECTION LIMIT. REPORTED VALUE IS ESTIMATED

0 15 30
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 3
TPH-g, BENZENE AND MTBE CONCENTRATION MAP
06/01/07

4226 FIRST STREET
PLEASANTON, CALIFORNIA

FILENAME: SJ4226F1X_07Q2.DWG|FIG3_HYDROCARBONS

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT JUNE 28, 2007

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 28, 2007

Denis Brown
Shell Oil Products US
2095 South Wilmington Avenue
Carson, CA 90810

Second Quarter 2007 Groundwater Monitoring at
Shell-branded Service Station
4212 First Street
Pleasanton, CA

Monitoring performed on June 1. 2007

Groundwater Monitoring Report **070601-DA-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

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

cc: Lee Dooley
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

BLAINE TECH SERVICES, INC.
METHODS AND PROCEDURES
FOR THE ROUTINE MONITORING OF
GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water– 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well.. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewaters and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled "DUP" and the time of collection is omitted from the COC, thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)
MW-1	06/16/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	NA	NA	NA	NA	371.20	33.65	337.55
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	NA	NA	NA	NA	371.20	37.04	334.16
MW-1	12/08/1999	1,020	375	<5.00	<5.00	15.2	<50.0	NA	NA	NA	NA	NA	371.20	36.79	334.41
MW-1	02/10/2000	523	106	<5.00	<5.00	31.8	2.9	NA	NA	NA	NA	NA	371.20	34.90	336.30
MW-1	05/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	37	29.5	NA	NA	NA	NA	371.20	32.55	338.65
MW-1	08/03/2000	808	290	<2.50	<2.50	8.9	<12.5	NA	NA	NA	NA	NA	371.20	39.13	332.07
MW-1	10/31/2000	507	250	0.962	<0.500	23.5	3.76	NA	NA	NA	NA	NA	371.20	37.91	333.29
MW-1	03/01/2001	<50.0	<0.500	<0.500	<0.500	<0.500	74.6	NA	NA	NA	NA	NA	371.20	39.60	331.60
MW-1	05/30/2001	780	280	<2.0	<2.0	11	NA	<2.0	NA	NA	NA	NA	371.20	39.53	331.67
MW-1	08/02/2001	1,900	580	<2.5	<2.5	12	NA	<25	NA	NA	NA	NA	371.20	39.61	331.59
MW-1	12/06/2001	840	190	<0.50	<0.50	13	NA	<5.0	NA	NA	NA	NA	371.20	39.63	331.57
MW-1	02/05/2002	2,700	650	<2.5	<2.5	7.2	NA	<25	NA	NA	NA	NA	371.20	35.53	335.67
MW-1	06/17/2002	2,500	550	<2.0	<2.0	5.9	NA	<20	NA	NA	NA	NA	371.20	39.29	331.91
MW-1	07/25/2002	690	130	<0.50	<0.50	4.4	NA	18	NA	NA	NA	NA	371.20	39.39	331.81
MW-1	11/14/2002	400	31	<0.50	<0.50	2.7	NA	27	NA	NA	NA	NA	371.20	40.00	331.20
MW-1	02/12/2003	840	0.85	<0.50	<0.50	<0.50	NA	40	NA	NA	NA	NA	371.20	32.92	338.28
MW-1	05/14/2003	680	190	<2.5	<2.5	<5.0	NA	95	NA	NA	NA	NA	371.20	32.57	338.63
MW-1	07/29/2003	870	190	<2.5	<2.5	<5.0	NA	150	NA	NA	NA	NA	371.20	33.82	337.38
MW-1	11/19/2003	<200	14	<2.0	<2.0	<4.0	NA	230	NA	NA	NA	NA	371.20	38.28	332.92
MW-1	02/19/2004	58 d	11	<0.50	<0.50	<1.0	NA	85	NA	NA	NA	NA	371.20	36.93	334.27
MW-1	05/03/2004	670	310	<2.5	<2.5	<5.0	NA	420	NA	NA	NA	NA	371.20	32.70	338.50
MW-1	08/24/2004	430 d	34	<2.5	<2.5	<5.0	NA	690	NA	NA	NA	NA	371.20	34.66	336.54
MW-1	11/15/2004	<250	29	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	371.20	38.27	332.93
MW-1	02/02/2005	540 e	87	<2.5	<2.5	<5.0	NA	700	NA	NA	NA	NA	371.20	32.02	339.18
MW-1	05/05/2005	460 e	88	<2.5	<2.5	<5.0	NA	300	NA	NA	NA	NA	371.20	36.82	334.38
MW-1	08/05/2005	910	230	<2.5	<2.5	<5.0	NA	480	NA	NA	NA	NA	371.20	33.35	337.85
MW-1	11/22/2005	1,760	27	<0.500	<0.500	1	NA	1,160	NA	NA	NA	NA	371.20	33.42	337.78
MW-1	02/07/2006	4,620	225	<0.500	<0.500	<0.500	NA	1,480	NA	NA	NA	NA	371.20	31.63	339.57

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)
MW-1	05/16/2006	1,100	130	<0.50	2	2	NA	1,600	NA	NA	NA	NA	371.20	31.16	340.04
MW-1	08/21/2006	2,700	86	<0.500	1	1	NA	1,960	NA	NA	NA	NA	371.20	33.07	338.13
MW-1	11/14/2006	1,400 g	30	<25	<25	<25	NA	2,100	<25	<25	<25	<1,000	371.20	33.73	337.47
MW-1	02/01/2007	800	21	<0.50	<0.50	<1.0	NA	2,300	NA	NA	NA	NA	371.20	33.02	338.18
MW-1	**06/01/2007**	**1,400 j,k**	**68**	**<20**	**<20**	**4.4 l**	**NA**	**2,200**	**NA**	**NA**	**NA**	**NA**	**371.20**	**32.87**	**338.33**
MW-1B	09/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	371.67	76.94	294.73
MW-1B	09/28/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	21	NA	NA	NA	<20	371.67	77.15	294.52
MW-1B	11/14/2006	320 g	<5.0	<5.0	<5.0	<5.0	NA	310	<5.0	<5.0	<5.0	<200	371.67	69.38	302.29
MW-1B	02/01/2007	77	0.53	<0.50	<0.50	<1.0	NA	150	NA	NA	NA	NA	371.67	60.92	310.75
MW-1B	**06/01/2007**	**<50 j,k**	**0.25 l**	**<1.0**	**<1.0**	**<1.0**	**NA**	**74**	**NA**	**NA**	**NA**	**NA**	**371.67**	**61.07**	**310.60**
MW-2	02/03/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.40	32.65	339.75
MW-2	02/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.40	35.51	336.89
MW-2	02/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	NA	NA	NA	NA	NA	372.40	36.62	335.78
MW-2	05/17/2000	120	4.09	<0.500	<0.500	<0.500	29	NA	NA	NA	NA	NA	372.40	32.14	340.26
MW-2	08/03/2000	<50.0	0.692	<0.500	<0.500	<0.500	40.5	36.6b	NA	NA	NA	NA	372.40	32.42	339.98
MW-2	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.4	44.8c	NA	NA	NA	NA	372.40	33.02	339.38
MW-2	03/01/2001	173	1.64	1.65	2.86	3.97	127	167	NA	NA	NA	NA	372.40	32.54	339.86
MW-2	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	372.40	32.42	339.98
MW-2	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	160	NA	NA	NA	NA	372.40	32.55	339.85
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	372.40	33.15	339.25
MW-2	02/05/2002	<50	0.72	<0.50	<0.50	1.7	NA	170	NA	NA	NA	NA	372.40	32.29	340.11
MW-2	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	260	NA	NA	NA	NA	372.40	32.63	339.77
MW-2	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	280	NA	NA	NA	NA	372.40	32.80	339.60
MW-2	11/14/2002	120	13	9	3.8	14	NA	430	NA	NA	NA	NA	372.40	33.31	339.09
MW-2	02/12/2003	<100	<1.0	<1.0	<1.0	<1.0	NA	430	NA	NA	NA	NA	372.40	32.15	340.25
MW-2	05/14/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	470	NA	NA	NA	NA	372.40	32.01	340.39
MW-2	07/29/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	670	NA	NA	NA	NA	372.40	32.51	339.89

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)
MW-2	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	54	NA	NA	NA	NA	372.40	33.83	338.57
MW-2	02/19/2004	65	<0.50	3.4	1.4	6.5	NA	8.2	NA	NA	NA	NA	372.40	32.68	339.72
MW-2	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	5.2	NA	NA	NA	NA	372.40	32.07	340.33
MW-2	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.7	NA	NA	NA	NA	372.40	32.44	339.96
MW-2	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	1.3	NA	NA	NA	NA	372.40	32.95	339.45
MW-2	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	372.40	31.94	340.46
MW-2	05/05/2005	72 f	<0.50	<0.50	<0.50	<1.0	NA	4.9	NA	NA	NA	NA	372.40	31.91	340.49
MW-2	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	372.40	32.15	340.25
MW-2	11/22/2005	840	1	<0.500	<0.500	1	NA	556	NA	NA	NA	NA	372.40	32.31	340.09
MW-2	02/07/2006	3,550	<0.500	<0.500	<0.500	<0.500	NA	2,500	NA	NA	NA	NA	372.40	31.70	340.70
MW-2	05/16/2006	1,400	<5.0	<5.0	<5.0	<10	NA	1,700	NA	NA	NA	NA	372.40	31.38	341.02
MW-2	08/21/2006	1,910	<0.500	<0.500	<0.500	<0.500	NA	2,590	NA	NA	NA	NA	372.40	33.29	339.11
MW-2	11/14/2006	2,300 g	<25	<25	<25	<25	NA	2,500	<25	<25	<25	<1,000	372.40	32.67	339.73
MW-2	02/01/2007	670	<0.50	<0.50	<0.50	<1.0	NA	2,000	NA	NA	NA	NA	372.40	32.13	340.27
MW-2	**06/01/2007**	**500 j,k**	**<10**	**<20**	**<20**	**<20**	**NA**	**2,000**	**NA**	**NA**	**NA**	**NA**	**372.40**	**32.14**	**340.26**
MW-3	02/03/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	375.05	32.06	342.99
MW-3	02/07/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	375.05	32.57	342.48
MW-3	02/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	NA	NA	NA	NA	375.05	32.77	342.28
MW-3	05/17/2000	1,360	414	<5.00	<5.00	17.6	<25.0	NA	NA	NA	NA	NA	375.05	31.00	344.05
MW-3	08/03/2000	<50.0	0.536	<0.500	<0.500	<0.500	22	NA	NA	NA	NA	NA	375.05	31.03	344.02
MW-3	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	31.1	NA	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	03/01/2001	384	172	0.815	<0.500	8	5.16	NA	NA	NA	NA	NA	375.05	31.21	343.84
MW-3	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	375.05	31.02	344.03
MW-3	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	93	NA	NA	NA	NA	375.05	30.94	344.11
MW-3	12/06/2001	110	<0.50	<0.50	<0.50	2.3	NA	180	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	02/05/2002	<50	0.89	0.6	<0.50	2.1	NA	130	NA	NA	NA	NA	375.05	31.12	343.93
MW-3	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	72	NA	NA	NA	NA	375.05	31.21	343.84
MW-3	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	375.05	30.96	344.09

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)
MW-3	11/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	NA	375.05	31.44	343.61
MW-3	02/12/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	43	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	375.05	31.20	343.85
MW-3	07/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	21	NA	NA	NA	NA	375.05	31.29	343.76
MW-3	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	8.2	NA	NA	NA	NA	375.05	31.86	343.19
MW-3	02/19/2004	81	0.67	4.4	1.8	8.6	NA	13	NA	NA	NA	NA	375.05	31.66	343.39
MW-3	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	NA	NA	NA	NA	375.05	31.72	343.33
MW-3	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	10	NA	NA	NA	NA	375.05	32.09	342.96
MW-3	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.6	NA	NA	NA	NA	375.05	31.50	343.55
MW-3	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	3.1	NA	NA	NA	NA	375.05	31.28	343.77
MW-3	05/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	375.05	31.42	343.63
MW-3	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	NA	375.05	31.35	343.70
MW-3	11/22/2005	<50	<0.500	<0.500	<0.500	<0.500	NA	3.84	NA	NA	NA	NA	375.05	31.98	343.07
MW-3	02/07/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	375.05	31.24	343.81
MW-3	05/16/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	4.5	NA	NA	NA	NA	375.05	31.37	343.68
MW-3	08/21/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	4.04	NA	NA	NA	NA	375.05	31.95	343.10
MW-3	11/14/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	3.8	<0.50	<0.50	<0.50	<20	375.05	32.24	342.81
MW-3	02/01/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	2.8	NA	NA	NA	NA	375.05	32.17	342.88
MW-3	**06/01/2007**	**<50 j**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**3.1**	**NA**	**NA**	**NA**	**NA**	**375.05**	**31.86**	**343.19**
MW-4	09/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	372.78	31.58	341.20
MW-4	09/28/2006	11,000	<250	<250	<250	<250	NA	13,000	NA	NA	NA	<10,000	372.78	31.57	341.21
MW-4	11/14/2006	30,000	<250	<250	<250	<250 h,i	NA	14,000	<250	<250	<250	<10,000	372.78	32.11	340.67
MW-4	02/01/2007	6,300	50	<5.0	19	120	NA	14,000	NA	NA	NA	NA	372.78	33.23	339.55
MW-4	**06/01/2007**	**8,200 j**	**52**	**<25**	**26**	**150**	**NA**	**11,000**	**NA**	**NA**	**NA**	**NA**	**372.78**	**31.57**	**341.21**
TB-1	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-1	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-1	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	12.31	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)
TB-2	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-2	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.56	NA
TB-2	05/14/2003	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-3	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:
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
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (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)

Notes:

a = Sample was analyzed outside of the EPA recommended holding time.

b = Concentration is an estimate value above the linear quantitation range.

c = The result reported was generated out of time. The sample was originally run within hold time, but needed to be re-analyzed.

d = Sample contains discrete peak in addition to gasoline.

e = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

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

g = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

h = Sample was originally analyzed with a positive result, however the reanalysis did not confirm the presence of the analyte.

i = Confirmatory analysis was past holding time.

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

k = 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.

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

Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 19, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on January 15, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

3Q06 survey data for wells MW-1B and MW-4 provided by Delta Environmental Consultants, Inc. of San Jose, CA.

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 4212 1st. St. Pleasanton, CA Date 06-01-07

Job Number 070601-DA-1 Technician DA, WW Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X								
MW-1B	~~X~~ WW							X	
MW-2	X								
MW-3	X								
MW-4	~~X~~ WW							X	

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

SHELL SITE INSPECTION CHECKLIST

Client Shell Date 5-8-07

Site Address 4212 First St., Pleasanton

Job Number 070508AA3 Technician Andrew Adinolfi

Site Status Shell Branded Station Vacant Lot Other

Inspected / Labeled / Cleaned - all wells on Scope Of Work	☒	
Inspected / Cleaned Components - all other identifiable wells	☐	N/A
Inspected site for site investigation & site remediation related trip hazards	☒	
Completed all outstanding *BLAINE Wellhead Repair Order(s)*	☒	N/A
Completed *Shell Wellhead Repair Form(s)*	☒	N/A
Inspected treatment / remediation system compound for security, cleanliness and appearance	☐	N/A
Inspected vacant lot for signs of habitation, hazardous materials or terrain, overgrown vegetation and security	☐	N/A
Visually inspected site drums for condition and proper labeling	☐	N/A
Unresolved deficiencies identified - *"Notice of Deficient Condition"* form(s) completed	☐	N/A

Notes

PROJECT MANAGER ONLY

Checklist Reviewed mm 5/10 Initial/Date Notes

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address 4212 First St., Pleasanton Date 5-8-07

Job Number 070508AA3 Technician Andrew Adinolfi Page 1 of 1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto *BLAINE Repair Order*	Remaining Deficiencies Logged onto *Notice of Deficient Condition* - BLAINE Unable to Repair
MW-1			X																
Notes: Lock rusted																			
Well box type / size: 12" EMCO																Materials used: Lock			
MW-1B																		X	
Notes: No Tag																			
Well box type / size: 12" EMCO																Materials used:			
MW-2		X																	
Notes: Lock rusted																			
Well box type / size: 12" EMCO																Materials used: Lock			
MW-3	X																		
Notes:																			
Well box type / size: 12" EMCO																Materials used:			
MW-4	X																	X	
Notes: No Tag																			
Well box type / size: 12" EMCO																Materials used:			
Notes:																			
Well box type / size:																Materials used:			
Notes:																			
Well box type / size:																Materials used:			

070601-DA-1 WELL GAUGING DATA

Project # ~~07053~~ WW.S Date 06-01-07 Client SHELL

Site 4212 First St., Pleasanton, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0755	2					32.87	57.28	TOC	
MW-1B	0750	4					61.07	108.03		
MW-2	0758	4					32.14	45.92		
MW-3	0747	4					31.86	34.81		
MW-4	0801	4					31.57	46.92		

SHELL WELL MONITORING DATA SHEET

BTS #: 070601-DA1	Site: 4212 1st St. Pleasanton, CA
Sampler: DA, WW	Date: 06-01-07
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 57.28	Depth to Water (DTW): 32.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 33.67	

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

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

4 (Gals.) X	3 =	12 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
933	66.3	6.7	1458	421	4	brown, cloudy
937	67.0	6.5	1549	172	8	cloudy
941	67.5	6.4	1568	117	12	clear, particulates

Did well dewater? Yes (No) SLOW RECHG Gallons actually evacuated: 12

Sampling Date: 06/01/07 Sampling Time: 1140 Depth to Water: 38.03 2 HR RECHARGE

Sample I.D.: MW-1 Laboratory: STL Other CAL SCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 070601-DA 1	Site: 4212 1st St., Pleasanton, CA
Sampler: DA, WW	Date: 06-01-07
Well I.D.: MW-1B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 108.03	Depth to Water (DTW): 61.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 70.46	

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

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

30.5 (Gals.) X 3 = 91.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
843	65.9	7.5	1018	48	30.5	cloudy, beige
849	66.5	6.9	1004	357	~~31.0~~ 61.0	"
855	65.9	7.1	1002	166	91.5	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 91.5

Sampling Date: 06-01-07 Sampling Time: 0901 Depth to Water: 62.45

Sample I.D.: MW-1B Laboratory: STL Other CAL SCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 070601-DA-1	Site: 4212 1st. St. Pleasanton, CA
Sampler: DA, WW	Date: 06-01-07
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 48.92	Depth to Water (DTW): ~~34.14~~ 32.14
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.90	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, X Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other

Sampling Method: X Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

9.0 (Gals.) X 3 = 27.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
956	68.0	6.6	1115	31	9	clear
958	68.9	6.7	1271	~~31~~ 27	18	"
1000	68.3	6.8	1351	30	27	"

Did well dewater? Yes (No) Gallons actually evacuated: 27

Sampling Date: 6/1/07 Sampling Time: 1200 Depth to Water: 41.38 post 24hrs

Sample I.D.: MW-2 Laboratory: STL Other CAL SCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: ~~07053~~ 070601-DA1	Site: 4212 1st St. Pleasanton, CA
Sampler: DA, NW	Date: 06/01/07
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.81	Depth to Water (DTW): 31.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.45	

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

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

1.9 (Gals.) X 3 = 5.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
810	60.9	7.4	762	27	2	clear
0811	60.6	7.4	750	35	4	↓
0813	61.7	6.3	744	48	6	↓

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Date: 6/1/07 Sampling Time: ~~0820~~ 1040 Depth to Water: ~~32.09~~ 32.90 2hr recharge

Sample I.D.: MW-3 Laboratory: STL Other CAL SCIENCE

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 070601-DA-1	Site: 4212 1st St. Pleasanton, CA
Sampler: DA, WW	Date: 06-01-07
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 46.92	Depth to Water (DTW): 31.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.64	

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

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

1 Case Volume	Specified Volumes	Calculated Volume
9 10 (Gals.) X	3	= 30 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1012	66.9	6.6	937	>1000	10	brown, cloudy
1014	67.7	6.6	958	~~958~~ 822	20	light brown, cloudy
1016	67.5	6.4	949	>1000	30	dark brown, cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 30

Sampling Date: 6/1/07 Sampling Time: 1130 Depth to Water: ~~32.40~~ 32.72

Sample I.D.: MW-4 Laboratory: STL Other CAL SCIENCE

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

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

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

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

Calscience
Environmental
Laboratories, Inc.

June 12, 2007

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

Subject: **Calscience Work Order No.:** **07-06-0186**
Client Reference: **4212 First St., Pleasanton, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/5/2007 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.
Don Burley
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 06/05/07
Work Order No: 07-06-0186
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-1	07-06-0186-1	06/01/07	Aqueous	GC 4	06/06/07	06/07/07	070606B02

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	1400	250	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	70	38-134	

MW-1B	07-06-0186-2	06/01/07	Aqueous	GC 4	06/06/07	06/07/07	070606B02

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	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	66	38-134	

MW-2	07-06-0186-3	06/01/07	Aqueous	GC 4	06/06/07	06/07/07	070606B02

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	500	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	69	38-134	

MW-3	07-06-0186-4	06/01/07	Aqueous	GC 4	06/06/07	06/07/07	070606B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	70	38-134	

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: 06/05/07
Work Order No: 07-06-0186
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-4	**07-06-0186-5**	**06/01/07**	**Aqueous**	**GC 4**	**06/06/07**	**06/07/07**	**070606B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	8200	500	10		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	66	38-134	

Method Blank	099-12-436-534	N/A	Aqueous	GC 4	06/06/07	06/07/07	070606B02

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	66	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	06/05/07
1680 Rogers Avenue		Work Order No:	07-06-0186
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: 4212 First St., Pleasanton, CA			Page 1 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-1	07-06-0186-1	06/01/07	Aqueous	GC/MS FF	06/07/07	06/07/07	070607L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	68	10	3.8	20		p/m-Xylene	ND	20	5.5	20	
Ethylbenzene	ND	20	2.7	20		o-Xylene	4.4	20	3.4	20	J
Toluene	ND	20	4.5	20		Methyl-t-Butyl Ether (MTBE)	2200	20	4.5	20	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	98	74-140				1,2-Dichloroethane-d4	99	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	96	74-110			

MW-1B	07-06-0186-2	06/01/07	Aqueous	GC/MS FF	06/08/07	06/08/07	070608L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	0.25	0.50	0.19	1	J	p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	74	1.0	0.23	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	101	74-140				1,2-Dichloroethane-d4	102	74-146			
Toluene-d8	100	88-112				1,4-Bromofluorobenzene	96	74-110			

MW-2	07-06-0186-3	06/01/07	Aqueous	GC/MS FF	06/06/07	06/06/07	070606L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	10	3.8	20		p/m-Xylene	ND	20	5.5	20	
Ethylbenzene	ND	20	2.7	20		o-Xylene	ND	20	3.4	20	
Toluene	ND	20	4.5	20		Methyl-t-Butyl Ether (MTBE)	2000	20	4.5	20	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	103	74-140				1,2-Dichloroethane-d4	108	74-146			
Toluene-d8	100	88-112				1,4-Bromofluorobenzene	96	74-110			

MW-3	07-06-0186-4	06/01/07	Aqueous	GC/MS FF	06/08/07	06/08/07	070608L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	3.1	1.0	0.23	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	99	74-140				1,2-Dichloroethane-d4	100	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	95	74-110			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	06/05/07
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L
Project: 4212 First St., Pleasanton, CA		Page 2 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
MW-4	**07-06-0186-5**	**06/01/07**	**Aqueous**	**GC/MS FF**	**06/06/07**	**06/07/07**	**070606L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	52	12	4.8	25		p/m-Xylene	150	25	6.8	25	
Ethylbenzene	26	25	3.3	25		o-Xylene	ND	25	4.2	25	
Toluene	ND	25	5.7	25		Methyl-t-Butyl Ether (MTBE)	11000	200	45	200	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	98	74-140				1,2-Dichloroethane-d4	102	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	96	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,627**	**N/A**	**Aqueous**	**GC/MS FF**	**06/06/07**	**06/06/07**	**070606L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	103	74-140				1,2-Dichloroethane-d4	111	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	98	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,638**	**N/A**	**Aqueous**	**GC/MS FF**	**06/06/07**	**06/07/07**	**070606L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	103	74-140				1,2-Dichloroethane-d4	107	74-146			
Toluene-d8	98	88-112				1,4-Bromofluorobenzene	96	74-110			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,643**	**N/A**	**Aqueous**	**GC/MS FF**	**06/07/07**	**06/07/07**	**070607L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
Surrogates:	REC (%)	Control Limits			Qual	Surrogates:	REC (%)	Control Limits			Qual
Dibromofluoromethane	104	74-140				1,2-Dichloroethane-d4	109	74-146			
Toluene-d8	99	88-112				1,4-Bromofluorobenzene	97	74-110			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	06/05/07
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L
Project: 4212 First St., Pleasanton, CA		Page 3 of 3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,661**	**N/A**	**Aqueous**	**GC/MS FF**	**06/08/07**	**06/08/07**	**070608L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Benzene	ND	0.50	0.19	1		p/m-Xylene	ND	1.0	0.27	1	
Ethylbenzene	ND	1.0	0.13	1		o-Xylene	ND	1.0	0.17	1	
Toluene	ND	1.0	0.23	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	104	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

Blaine Tech Services, Inc.	Date Received: 06/05/07
1680 Rogers Avenue	Work Order No: 07-06-0186
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: EPA 8015B (M)

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3	**Aqueous**	**GC 4**	**06/06/07**	**06/07/07**	**070606S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	96	96	68-122	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received:	06/05/07
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0329-1	Aqueous	GC/MS FF	06/06/07	06/06/07	070606S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	88-118	0	0-7	
Carbon Tetrachloride	99	98	67-145	0	0-11	
Chlorobenzene	101	100	88-118	0	0-7	
1,2-Dichlorobenzene	98	98	86-116	0	0-8	
1,1-Dichloroethene	104	99	70-130	4	0-25	
Toluene	101	100	87-123	1	0-8	
Trichloroethene	94	93	79-127	1	0-10	
Vinyl Chloride	92	91	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	99	95	71-131	4	0-13	
Tert-Butyl Alcohol (TBA)	98	91	36-168	7	0-45	
Diisopropyl Ether (DIPE)	107	105	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	101	98	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	97	72-126	0	0-12	
Ethanol	94	91	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 06/05/07
Work Order No: 07-06-0186
Preparation: EPA 5030B
Method: EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0096-4	Aqueous	GC/MS FF	06/06/07	06/07/07	070606S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	97	88-118	1	0-7	
Carbon Tetrachloride	97	96	67-145	1	0-11	
Chlorobenzene	101	100	88-118	1	0-7	
1,2-Dichlorobenzene	97	98	86-116	1	0-8	
1,1-Dichloroethene	98	98	70-130	1	0-25	
Toluene	99	99	87-123	0	0-8	
Trichloroethene	92	92	79-127	1	0-10	
Vinyl Chloride	92	89	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	98	95	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	97	96	36-168	1	0-45	
Diisopropyl Ether (DIPE)	103	102	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	98	98	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	95	72-126	1	0-12	
Ethanol	87	84	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received:	06/05/07
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0096-3	Aqueous	GC/MS FF	06/07/07	06/07/07	070607S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	99	88-118	0	0-7	
Carbon Tetrachloride	98	98	67-145	0	0-11	
Chlorobenzene	101	101	88-118	0	0-7	
1,2-Dichlorobenzene	96	98	86-116	2	0-8	
1,1-Dichloroethene	101	98	70-130	3	0-25	
Toluene	101	100	87-123	1	0-8	
Trichloroethene	94	94	79-127	0	0-10	
Vinyl Chloride	97	96	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	97	96	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	92	93	36-168	2	0-45	
Diisopropyl Ether (DIPE)	102	101	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	97	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	96	72-126	0	0-12	
Ethanol	86	88	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.		Date Received:	06/05/07
1680 Rogers Avenue		Work Order No:	07-06-0186
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-06-0297-2	Aqueous	GC/MS FF	06/08/07	06/08/07	070608S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	98	88-118	1	0-7	
Carbon Tetrachloride	97	98	67-145	2	0-11	
Chlorobenzene	100	101	88-118	0	0-7	
1,2-Dichlorobenzene	97	98	86-116	1	0-8	
1,1-Dichloroethene	99	98	70-130	1	0-25	
Toluene	101	100	87-123	0	0-8	
Trichloroethene	94	93	79-127	0	0-10	
Vinyl Chloride	96	96	69-129	0	0-13	
Methyl-t-Butyl Ether (MTBE)	95	94	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	95	92	36-168	3	0-45	
Diisopropyl Ether (DIPE)	100	100	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	96	96	72-126	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	95	72-126	1	0-12	
Ethanol	90	88	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8015B (M)

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-534	Aqueous	GC 4	06/06/07	06/07/07	070606B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	97	95	78-120	2	0-10	

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: 07-06-0186
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,627	Aqueous	GC/MS FF	06/06/07	06/06/07	070606L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	100	84-120	2	0-8	
Carbon Tetrachloride	100	107	63-147	7	0-10	
Chlorobenzene	101	101	89-119	1	0-7	
1,2-Dichlorobenzene	99	99	89-119	0	0-9	
1,1-Dichloroethene	102	109	77-125	7	0-16	
Toluene	102	99	83-125	3	0-9	
Trichloroethene	93	97	89-119	4	0-8	
Vinyl Chloride	92	97	63-135	6	0-13	
Methyl-t-Butyl Ether (MTBE)	99	107	82-118	8	0-13	
Tert-Butyl Alcohol (TBA)	100	111	46-154	10	0-32	
Diisopropyl Ether (DIPE)	107	111	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	107	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	103	76-124	3	0-10	
Ethanol	90	105	60-138	15	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,638	Aqueous	GC/MS FF	06/06/07	06/06/07	070606L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	96	84-120	3	0-8	
Carbon Tetrachloride	105	95	63-147	10	0-10	
Chlorobenzene	100	99	89-119	1	0-7	
1,2-Dichlorobenzene	99	98	89-119	1	0-9	
1,1-Dichloroethene	112	97	77-125	14	0-16	
Toluene	99	100	83-125	1	0-9	
Trichloroethene	96	92	89-119	4	0-8	
Vinyl Chloride	97	89	63-135	9	0-13	
Methyl-t-Butyl Ether (MTBE)	108	96	82-118	12	0-13	
Tert-Butyl Alcohol (TBA)	111	98	46-154	12	0-32	
Diisopropyl Ether (DIPE)	109	103	81-123	6	0-11	
Ethyl-t-Butyl Ether (ETBE)	107	100	74-122	7	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	98	76-124	3	0-10	
Ethanol	103	93	60-138	11	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Blaine Tech Services, Inc.	Date Received:	N/A
1680 Rogers Avenue	Work Order No:	07-06-0186
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,643	Aqueous	GC/MS FF	06/07/07	06/07/07	070607L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	100	84-120	0	0-8	
Carbon Tetrachloride	104	104	63-147	1	0-10	
Chlorobenzene	101	101	89-119	0	0-7	
1,2-Dichlorobenzene	99	99	89-119	0	0-9	
1,1-Dichloroethene	110	106	77-125	4	0-16	
Toluene	100	101	83-125	1	0-9	
Trichloroethene	97	96	89-119	1	0-8	
Vinyl Chloride	103	102	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	106	105	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	114	111	46-154	3	0-32	
Diisopropyl Ether (DIPE)	107	106	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	104	103	74-122	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	102	76-124	0	0-10	
Ethanol	104	101	60-138	3	0-32	

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: 07-06-0186
Preparation: EPA 5030B
Method: EPA 8260B

Project: 4212 First St., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,661	Aqueous	GC/MS FF	06/08/07	06/08/07	070608L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	100	84-120	2	0-8	
Carbon Tetrachloride	101	106	63-147	5	0-10	
Chlorobenzene	99	100	89-119	1	0-7	
1,2-Dichlorobenzene	97	98	89-119	1	0-9	
1,1-Dichloroethene	102	107	77-125	5	0-16	
Toluene	100	99	83-125	1	0-9	
Trichloroethene	95	96	89-119	2	0-8	
Vinyl Chloride	97	101	63-135	4	0-13	
Methyl-t-Butyl Ether (MTBE)	96	105	82-118	9	0-13	
Tert-Butyl Alcohol (TBA)	89	109	46-154	21	0-32	
Diisopropyl Ether (DIPE)	101	104	81-123	3	0-11	
Ethyl-t-Butyl Ether (ETBE)	97	102	74-122	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	96	100	76-124	4	0-10	
Ethanol	84	101	60-138	19	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-06-0186

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 or Matrix Spike Duplicate 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 Chain Of Custody Record

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☒ Calscience
- ☐ Other_____

NAME OF PERSON TO BILL: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ BILL CONSULTANT
- ☐ COMPLIANCE
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 8 4 0

PO #:

SAP or CRMT #:

DATE: 06/01-07

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	4212 First St., Pleasanton	CA	T0600101259

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Jon Suing, Delta, Monrovia Office	626.256.6662	jsuing@deltaenv.com	070601-DMH

PROJECT CONTACT (Hardcopy or PDF Report to):	TELEPHONE:	FAX:	E-MAIL:	BTS #
Michael Ninokata	408-573-0555	408-573-7771	mninokata@blainetech.com	

SAMPLER NAME(S) (Print): David Allbut / William Wong

LAB USE ONLY: 07.06.0186

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

CC Lee Dooley ldooley@deltaenv.com and Eric Frohnapple efrohnapple@deltaenv.com when sending final report.

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
1	MW-1	06/01/07	1140	W	5	X		X		X								
2	MW-1B		0901			X		X		X								
3	MW-2		1200			X		X		X								
4	MW-3		1040			X		X		X								
5	MW-4		1130			X		X		X								

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

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
William Wong	William Wong (SAMPLE CUSTODIAN)	06/01/07	1530
		6-4-07	1045am
TO GSO	CET	6-5-07	1000

05/02/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 06 - 0186

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Blaine Tech Svcs **DATE:** 06/05/07

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.
2.5 °C IR thermometer.
_____ Ambient temperature.

Initial: NC

CUSTODY SEAL INTACT:

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

Initial: NC

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: NC

COMMENTS: