Shell Oil Products US

November 15, 2010

Re: Third Quarter 2010 Semiannual Groundwater Monitoring Report & Feasibility Study Report
Shell-Branded Service Station
3790 Hopyard road
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: (559) 645-9306; F: (559) 645-5643

November 15, 2010
Delta Project No. SCA3790H1D
SAP No. 135784

Mr. Jerry Wickham, P.G., CEG, CHG
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6540

Re: **THIRD QUARTER 2010 SEMIANNUAL GROUNDWATER MONITORING AND QUARTERLY FEASIBILITY STUDY REPORT**
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products US (Shell), Delta Consultants (Delta) has prepared this *Third Quarter 2010 Semiannual Groundwater Monitoring and Quarterly Feasibility Study Report* for the site referenced above (Figure 1). Field activities at the site were conducted by Blaine Tech Services, Inc. (Blaine Tech) under contract to Shell and included the collection of groundwater samples and static water level measurements. Delta did not provide any oversight of Blaine Tech's work or protocol. A Delta staff member evaluated the data provided to us under the supervision of a California Registered Civil Engineer or a California Professional Geologist.

The third quarter groundwater monitoring and sampling event was performed by Blaine Tech on July 6, 2010; twenty wells and the Arroyo Mocho canal were gauged, and ten wells were sampled. A groundwater elevation contour map with a rose diagram is included on Figure 2 and a map of hydrocarbon distribution in groundwater is shown on Figure 3. Isoconcentration maps for total petroleum hydrocarbons as gasoline (TPH-g), benzene, methy-tert butyl ether (MTBE) and tert-butyl alcohol (TBA) are presented on Figures 4 through 7. Historical groundwater data is summarized in Table 1. Concentrations of MTBE and TBA in wells S-2, S-4, S-6, SR-2 and SR-3 during 2009 and 2010 are presented on Graphs 1 through 5. Concentrations of MTBE and TBA in wells S-2, S-4 and S-6 during 2000 through 2010 are presented on Graphs 6 through 8 and concentrations of MTBE and TBA in wells SR-2 and SR-3 during 2002 through 2010 are presented on Graphs 9 and 10. Agency correspondence is included as Appendix A; Blaine Tech's field data sheets and field procedures are presented as Appendices B and C. Finally, certified analytical reports with chain-of-custody documentation are included as Appendix D.

312 Piercy Road San Jose, California 95138 USA
Phone +1 408.224.4724 / USA Toll Free 800.477.7411
Fax +1 408.225.8506 www.deltaenv.com

In the *Second Quarter 2010 Quarterly Feasibility Study and Site Investigation Report* dated July 16, 2010, Delta recommended doing a comparison of purge and no-purge samples during the subsequent semiannual monitoring and sampling event. The recommendation was based on the reporting of significantly higher concentrations of TPH-g in samples collected for the magnesium sulfate ($MgSO_4$) feasibility pilot study as compared to those typically reported during groundwater monitoring events. Alameda County Environmental Health (ACEH) approved the proposed sampling method comparison in a letter to Shell dated August 16, 2010; since approval was obtained after the third quarter monitoring and sampling event was completed in July, the method comparison will be implemented during the first quarter 2011 groundwater monitoring event.

$MgSO_4$ FEASIBILITY PILOT STUDY

The $MgSO_4$ feasibility pilot study was initiated in May 2010 based on Delta's *Site Investigation and Magnesium Sulfate Feasibility Study Work Plan* submitted January 19, 2010. The work plan was approved with modifications by ACEH in a letter dated February 19, 2010, included as Appendix A.

Under anaerobic conditions, insoluble iron (ferric iron, Fe3+) can be reduced to its more soluble form, ferrous iron (Fe2+). The anaerobic sulfate reduction of hydrocarbons uses insoluble ferric iron as a co-metabolite. Ferrous iron concentrations during a preliminary evaluation in October 2009 showed an inverse relationship to sulfate concentrations; ferrous iron was detected in the plume core (S-2 and S-6) where sulfate levels were low; and was not detected outside of the plume (S-3) where sulfate levels were high. The data suggested sulfate was being utilized in the process of anaerobic hydrocarbon biodegradation, and that low sulfate concentrations could be a limiting factor for continued natural bioremediation of the plume. Results of the preliminary investigation are summarized in Table 2, and the correlation between total petroleum hydrocarbons as gasoline (TPH-g) and sulfate concentrations are illustrated on Graph 11.

$MgSO_4$ applications

To date, two of three proposed application events have been completed at the site in accordance with the original pilot study work plan. Prior to the $MgSO_4$ applications on May 7, 2010 and August 11, 2010, baseline no-purge groundwater samples were collected from application wells S-2 and S-4 and observation wells SR-2, S-3, SR-3, and S-6. Comparative samples for sulfate were collected from wells S-2 and S-4 on the same day after application of the $MgSO_4$ solution. Three subsequent sampling events to monitor conditions in the application and observation wells were performed following each application event. Five drums (approximately 55-gallons each) of EAS™ (electron acceptor solution) were obtained from EOS Remediation, LLC for application at the site. One and one-half drums of EAS™ were introduced by gravity feed to each application well (S-2 and S-4) on May 7, 2010. On August 11, 2010, one drum of EAS™ was introduced to each of the application wells using a pump at a low flow rate (less than 4 standard cubic feet [scfm]).

Groundwater samples were submitted to a California state-certified laboratory, and were analyzed for TPH-g, benzene, toluene, ethylbenzene and total xylenes (BTEX compounds), MTBE, TBA, di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert-amyl methyl ether (TAME) and ethanol by Environmental Protection Agency (EPA) Method 8260B, and sulfate by EPA Method 300.0. The samples collected on May 7, 2010 were tested for pH by laboratory method SM 4500 H+ B; all subsequent pH measurements were measured using a field instrument. Ferrous iron concentrations were collected using a field kit and ferric iron concentrations were calculated from the ferrous iron measurements and total iron analyzed by EPA

Method 6010B. Groundwater data from each $MgSO_4$ sampling event are presented in Table 3 and certified analytical reports with chain-of-custody documentation are included as Appendix D.

Findings and Recommendations

Analytical results indicate that sulfate is being utilized and depleted at the two application wells (S-2 and S-4). During the 8-week period following the second application event, sulfate concentrations decreased by an order of magnitude in both Well S-2 and Well S-4. Following each of the $MgSO_4$ applications, a decreasing trend in sulfate was also noted in observation well SR-2, and a decrease from pre-application concentrations was seen in observation Well SR-3. Observation wells SR-2 and SR-3 are in close proximity to application wells S-4 and S-2, respectively. All four wells are built to the same depth with similar screened intervals; however the concentrations in wells S-2 and S-4 are not mirrored in wells SR-2 and SR-3. Despite their proximity, the wells in each pair have historically had different water levels and concentrations of petroleum hydrocarbons that differ by up to an order of magnitude.

Ferric iron concentrations in the wells were inconclusive; however, a month following the second $MgSO_4$ application, slight increases in ferrous iron above pre-application concentrations were observed in the samples collected from both the application and observation wells. General analytical results for observation wells S-3 and S-6, located near the edge of the plume, were also inconclusive.

Results from the observation wells (SR-2, S-3, SR-3 and S-6) do not show clear indications of anaerobic sulfate reduction. None of the observation wells reported a significant increase in sulfate concentrations following the second $MgSO_4$ application. Corresponding changes in TPH-g concentrations did not occur in wells SR-2, S-3 and S-6, however, a general decreasing trend was observed in Well SR-3. The subsurface lithology down to approximately 50 feet below ground surface (bgs) is predominantly clay, which may contribute to the apparent lack of influence noted in the observation wells.

Sulfate concentrations steadily decreased in wells S-2 and S-4 following each $MgSO_4$ application event. Although discontinuous, a general decreasing trend in TPH-g concentrations was also observed in the application wells over the course of the two application sequences. The correlation at each application well of TPH-g and sulfate concentrations is shown on Graph 12.

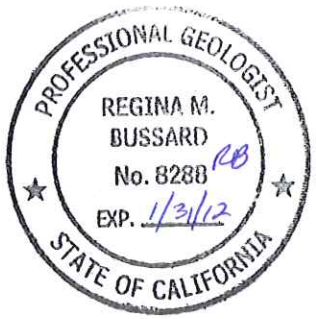
Although the initial evaluation indicated favorable chemical conditions for this technology at the subject site, the application of $MgSO_4$ may not adequately stimulate continued bioremediation of the plume over a broad area. While the application of $MgSO_4$ had a beneficial effect on localized attenuation of TPH-g, the effect is relatively minimal to date. It is difficult to attain effective distribution of $MgSO_4$ in adequate volume and coverage to effectively accelerate contaminant removal through the formation. Delta recommends continued monitoring and sampling for potential rebound, followed by an evaluation of subsequent site conditions for future applications of bioremediation enhancement solutions.

REMARKS

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

This site is part of a portfolio of sites which have been transitioned to a new consultant, Conestoga-Rovers & Associates (CRA). The CRA project manager for this site is Peter Schaefer; he can be contacted directly at (510) 420-3319. If you have any questions regarding this report, please contact Regina Bussard (Delta Project Manager) at (408) 826-1876 or Denis Brown (Shell Project Manager) at (707) 865-0251.

Sincerely,
Delta Consultants



Regina Bussard , P.G.
Project Manager

Attachment: Third Quarter 2010 Semiannual Groundwater Monitoring and Quarterly Feasibility Study Report

cc: Denis Brown, Shell Oil Products US
Anabi Real Estate Development, LLC, Upland
Danielle Stefani, Livermore-Pleasanton Fire Department, Pleasanton
Cheryl Dizon, Zone 7 Water Agency, Pleasanton

SHELL SEMIANNUAL STATUS REPORT

Station Address:	3790 Hopyard Road, Pleasanton, California
Delta Project No.:	SCA3790H1D
Shell Project Manager / Phone No.:	Denis Brown / (707) 865-0251
Delta Site Manager / Phone No.:	Regina Bussard / (408) 826-1876
Primary Agency / Regulatory ID No.:	Alameda County Environmental Health (ACEH) / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies:	Livermore-Pleasanton Fire Department Zone 7 Water Agency

WORK PERFORMED THIS PERIOD (SECOND AND THIRD QUARTER 2010):

1. Submitted 1Q10 semiannual monitoring report.
2. Performed 3Q10 semiannual groundwater monitoring and sampling on **July 6, 2010**.
3. Performed two magnesium sulfate applications.
4. Submitted *Second Quarter 2010 Quarterly Feasibility Study and Site Investigation Report* dated July 16, 2010.

WORK PROPOSED FOR THE NEXT PERIOD (FOURTH QUARTER 2010 AND FIRST QUARTER 2011):

1. Completed final magnesium sulfate sampling event.
2. Submit 3Q10 semiannual monitoring report.
3. Perform 1Q11 semiannual groundwater monitoring and sampling.

Current Phase of Project:	Groundwater Monitoring / Interim Remediation Activities
Site Use:	Shell-branded Service Station
Frequency of Sampling:	Semiannual (1Q/3Q): S-2, -4, -5, -5B, -5C, -6, -7, -9, SR-1 and SR-3 Annual (1Q): S-3, -8, -9B, -9C, -10, -11, -12, -14, -15 and SR-2
Frequency of Monitoring:	Semiannual (1Q/3Q): S-2, -4, -5, -5B, -5C, -6, -7, -9, SR-1, SR-3, C-1, S-3, -8, -9B, -9C, -10, -11, -12, -14, -15 and SR-2
Frequency of System Sampling:	None (GWE system decommissioned)
Frequency of System Monitoring:	None (GWE system decommissioned)
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date:	None
Groundwater Removed this Quarter:	245.7 gallons were recovered during sampling on July 6, 2010.
Receptors in Site Vicinity:	The Arroyo Mocho Canal is located 365 ft south of the site location. There are two municipal drinking wells (Hopyard Well 01 and Hopyard Well 06) located 1,367 ft southeast of site.
Site Lithology:	Beneath two to three feet of surface material is a clay or silt to a depth of approximately 50 to 60 feet. This is overlying approximately 20 feet of a sand to an interbedded sand with silt or clay. Underlying this is a clay or silt to the bottom of the borings which may extend to a depth of 110 feet.

SHELL SEMIANNUAL STATUS REPORT (CONT.)

Approximate Depth to Groundwater:	12.80 to 23.90 feet below top of casing (TOC - shallow wells) 35.18 and 34.49 feet below TOC (B wells– MW-5B & MW-9B) 35.14 and 34.34 feet below TOC (C wells – MW-5C & MW-9C) 30.92 feet below bridge (C-1, canal)
Groundwater Gradient:	Site groundwater flow direction is towards the south-southeast at a gradient of 0.01 ft/ft.
Current Remediation Techniques:	Interim hot-spot remediation - application of magnesium sulfate for bio-enhancement
Permits for Discharge:	None
Current Agency Correspondence:	ACEH letter dated August 16, 2010 (Attachment A)
Site History:	
Case Opening	1986, Soil borings by Emcon prior to UST replacement
On-Site Assessment	1986, Soil borings by Emcon prior to UST replacement 1987 – 1990, Well installations 2002 - 2005, exploratory borings (SB-1 through SB-16), CPT borings and well installations
Off-Site Assessment	1989-1990 Well installations 2002 - 2005, CPT borings and well installations
Passive Remediation	1997 Risk Assessment Monitor natural attenuation
Active Remediation	1988 UST replacement GWE 2002 – dispenser and piping upgrades
Closure	NA
Summary of Unusual Activity:	None

Comments:

Total petroleum hydrocarbons as gasoline (TPH-g, reported as total purgeable petroleum hydrocarbons [TPPH[in the analytical report) were detected in groundwater samples collected from wells S-2, S-4 through S-6 and SR-3 at concentrations ranging from 100 micrograms per liter (µg/L) [SR-3] to 2,100 µg/L (S-2). Benzene was detected in groundwater samples collected from wells S-2, S-4 and S-5 at concentrations ranging from 1.8 µg/L (SR-4) to 28 µg/L (S-2). Methyl tert-butyl ether (MTBE) was detected in groundwater samples collected from wells S-2, S-4 through S-7, S-9, SR-1 and SR-3 at concentrations ranging from 2.3 µg/L (SR-3) to 49 µg/L (S-5). TBA was detected in groundwater samples collected from wells S-2, S-4 through S-6, SR-1 and SR-3 at concentrations ranging from 85 µg/L (S-5) to 5,200 µg/L (S-6).

ATTACHMENTS:

Figures:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map – 7/6/2010
- Figure 3 – Hydrocarbon Distribution in Groundwater Map – 7/6/2010
- Figure 4 – TPH-g Isoconcentration Map - 7/6/2010
- Figure 5 – Benzene Isoconcentration Map - 7/6/2010
- Figure 6 – MTBE Isoconcentration Map - 7/6/2010
- Figure 7 – TBA Isoconcentration Map - 7/6/2010

Tables:

- Table 1 – Historical Groundwater Gauging and Analytical Data
- Table 2 – $MgSO_4$ Application Feasibility Groundwater Testing
- Table 3 – $MgSO_4$ Feasibility Pilot Study Monitoring Data

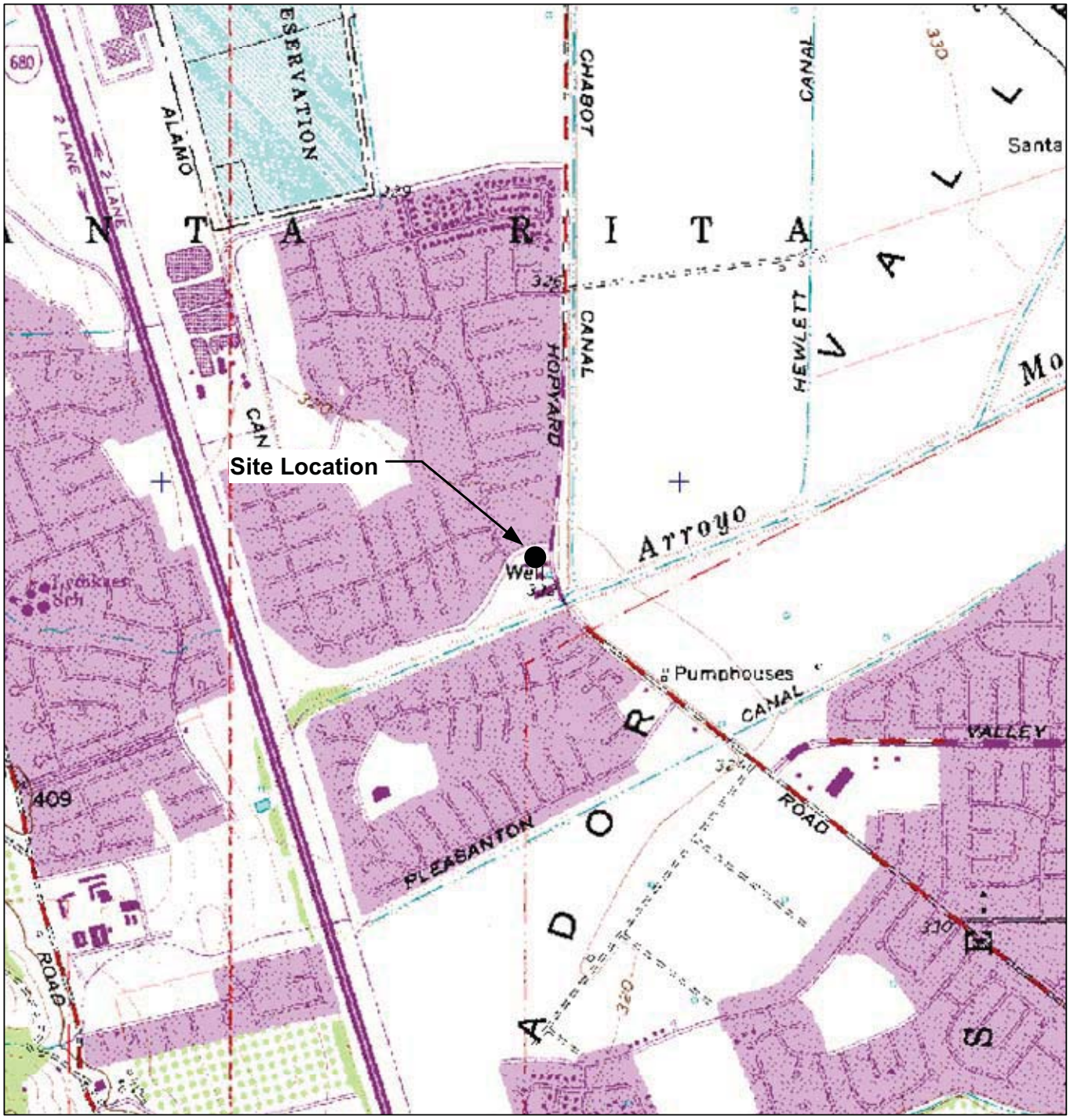
Graphs:

- Graph 1 – MTBE and TBA Concentrations Well S-2 (2009-2010)
- Graph 2 – MTBE and TBA Concentrations Well S-4 (2009-2010)
- Graph 3 – MTBE and TBA Concentrations Well S-6 (2009-2010)
- Graph 4 – MTBE and TBA Concentrations Well SR-2 (2009-2010)
- Graph 5 – MTBE and TBA Concentrations Well SR-3 (2009-2010)
- Graph 6 – MTBE and TBA Concentrations Well S-2 (2000-2010)
- Graph 7 – MTBE and TBA Concentrations Well S-4 (2000-2010)
- Graph 8 – MTBE and TBA Concentrations Well S-6 (2000-2010)
- Graph 9 – MTBE and TBA Concentrations Well SR-2 (2002-2010)
- Graph 10 – MTBE and TBA Concentrations Well SR-3 (2002-2010)
- Graph 11 – $MgS0_4$ Feasibility Study Preliminary Evaluation - TPH-g vs. Sulfate Concentrations
- Graph 12 – $MgS0_4$ Feasibility Pilot Study - TPH-g vs. Sulfate Concentrations

Appendices:

- Appendix A – Agency Correspondence
- Appendix B – Blaine Tech Services, Inc. Field Data Sheets
- Appendix C – Blaine Tech Services, Inc. Field Procedures
- Appendix D – Certified Analytical Reports with Chain-of-Custody Documentation

FIGURES



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

QUADRANGLE LOCATION

North

0 1,300 2,600

Scale, Feet

FIGURE 1

SITE LOCATION MAP

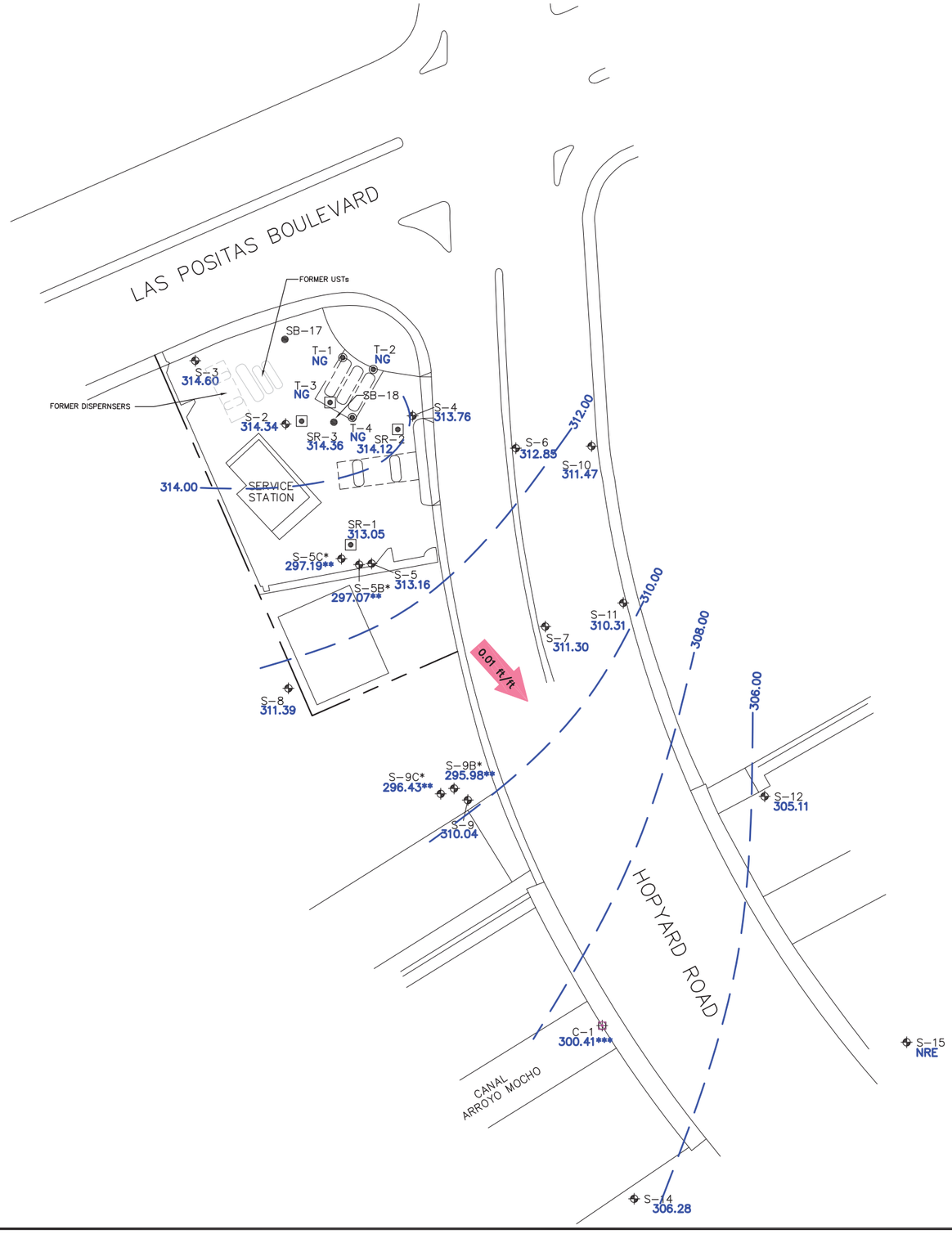
SHELL-BRANDED SERVICE STATION

3790 Hopyard Road
Pleasanton, California

PROJECT NO. SCA3790H1D	DRAWN BY VF 12/04/03
FILE NO.	PREPARED BY VF
REVISION NO.	REVIEWED BY

DELTA CONSULTANTS

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA3790H1D			J.F.F. 8/27/2010



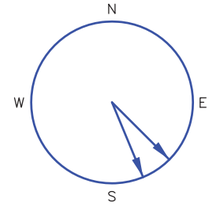
N
W E
S

LEGEND

SB-17 ●	SOIL BORING LOCATION
MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3 ⊡	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2 ◉	TANK BACKFILL
C-1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
314.30	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL)
310.00 — — —	GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft/MSL) CONTOUR INTERVAL=2.00 FEET
0.01 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)
NG	NOT GAUGED
**	DEEPER LEVEL WELLS NOT USED IN CONTOURING
***	WATER LEVEL IN ARROYO MOCHO CANAL
NRE	NO REFERENCE ELEVATION

HISTORIC GROUNDWATER FLOW DIRECTIONS

DATE	FLOW
4/24/2006	SE
10/20/2006	SSE
1/22/2007	SE
4/13/2007	SSE
7/8/2007	SSE
1/9/2008	SE
4/11/2008	SSE
7/29/2008	SSE
10/29/2008	SSE
1/21/2009	SSE
7/9/2009	SSE
1/11/2010	SSE
7/6/2010	SSE



0 45 90
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP

7/6/2010

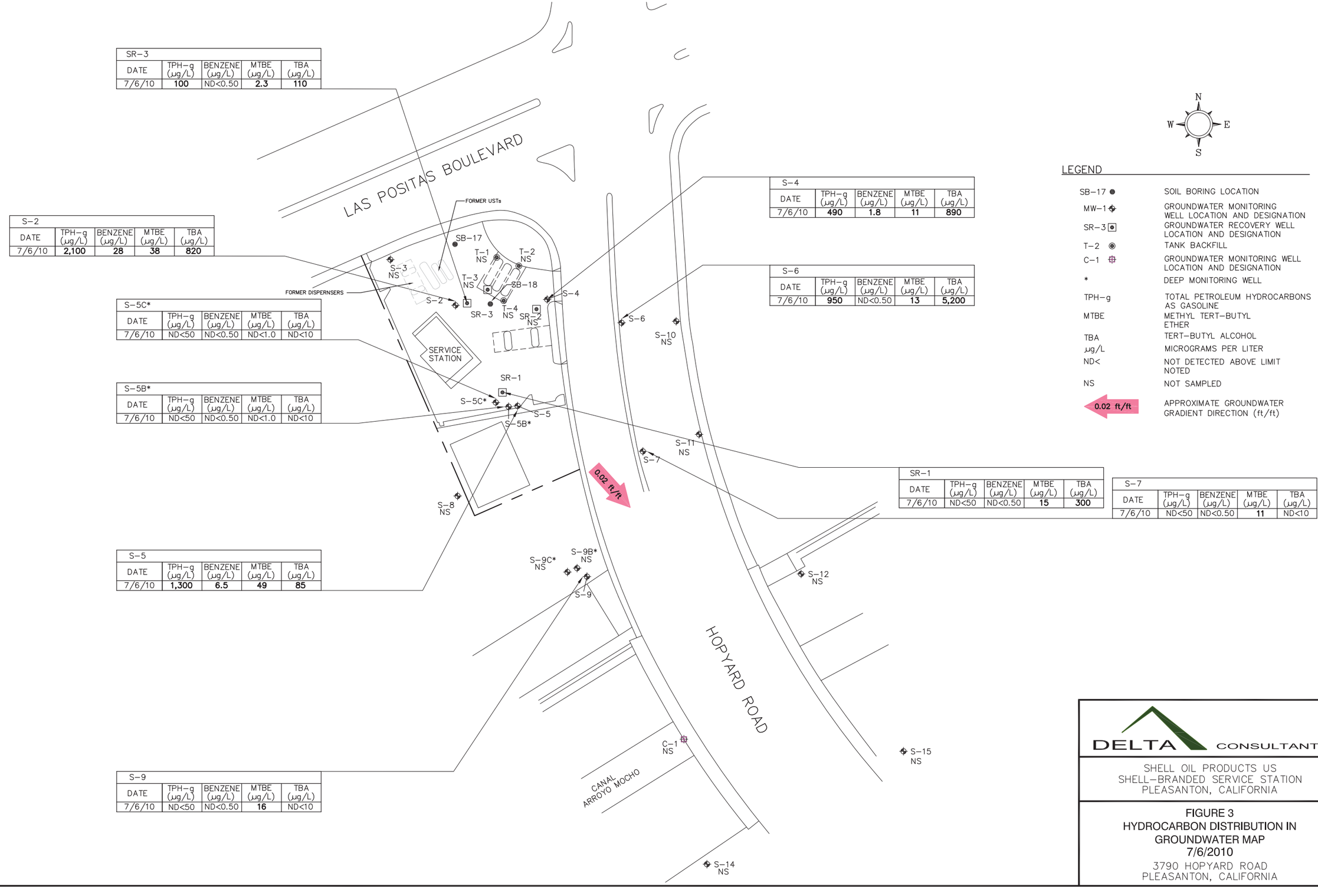
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER SCA3790H1D

APPROVED BY

CHECKED BY

DRAWN BY J.F.F. 8/27/2010



SR-3				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	**100**	ND<0.50	**2.3**	**110**

S-2				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	**2,100**	**28**	**38**	**820**

S-5C*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	ND<50	ND<0.50	ND<1.0	ND<10

S-5B*				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	ND<50	ND<0.50	ND<1.0	ND<10

S-5				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	**1,300**	**6.5**	**49**	**85**

S-9				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	ND<50	ND<0.50	**16**	ND<10

S-4				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	**490**	**1.8**	**11**	**890**

S-6				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	**950**	ND<0.50	**13**	**5,200**

SR-1				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	ND<50	ND<0.50	**15**	**300**

S-7				
DATE	TPH-g (µg/L)	BENZENE (µg/L)	MTBE (µg/L)	TBA (µg/L)
7/6/10	ND<50	ND<0.50	**11**	ND<10

LEGEND

SB-17 ●	SOIL BORING LOCATION
MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3 ⊡	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2 ◉	TANK BACKFILL
C-1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
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
NS	NOT SAMPLED
0.02 ft/ft	APPROXIMATE GROUNDWATER GRADIENT DIRECTION (ft/ft)

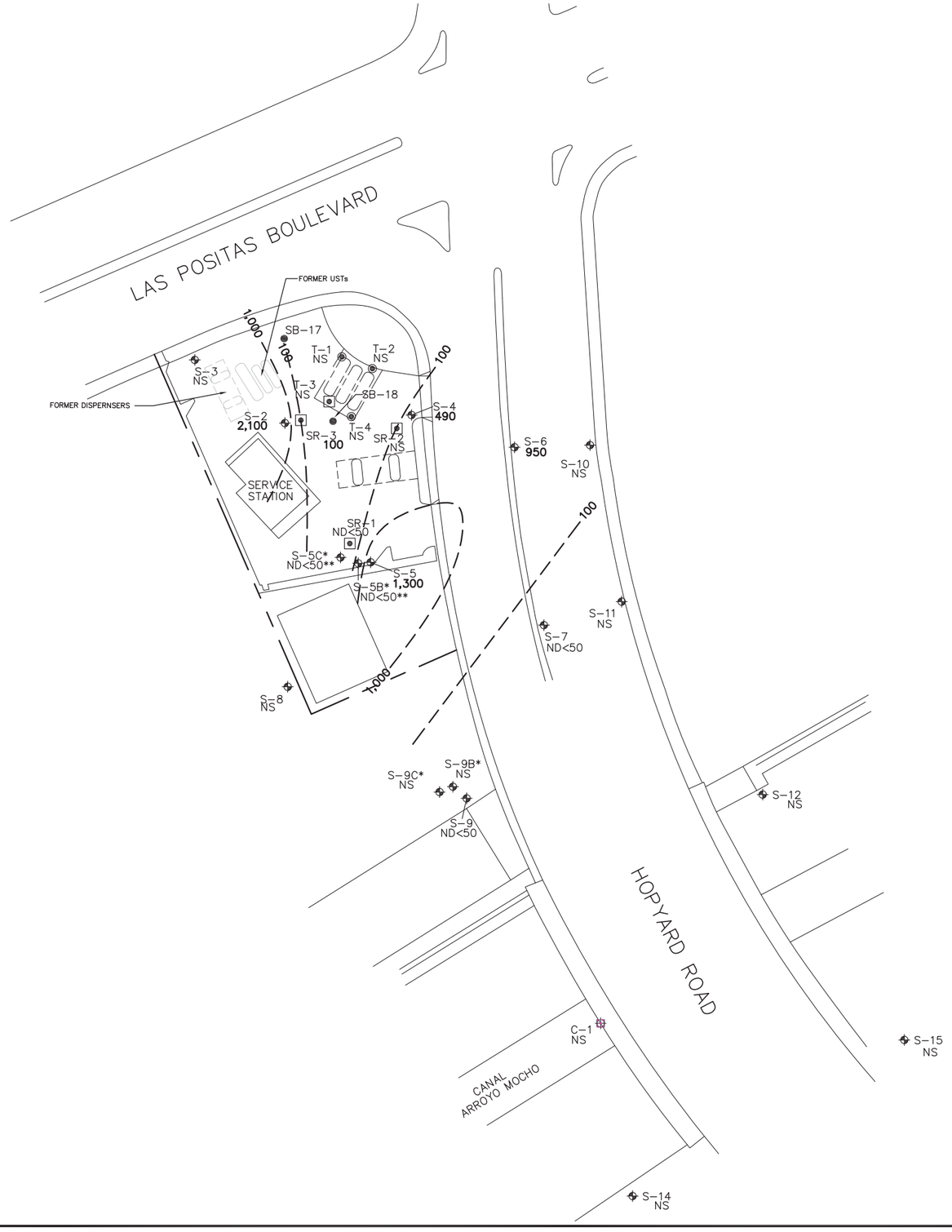
0 45 90 SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 3
HYDROCARBON DISTRIBUTION IN GROUNDWATER MAP
7/6/2010
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA3790H1D			J.F.F. 8/27/2010



N
W E
S

LEGEND

SB–17 ●	SOIL BORING LOCATION
MW–1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR–3 ⊙	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T–2 ◉	TANK BACKFILL
C–1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
450	TPH–g CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
100 — — —	LINE OF EQUAL TPH–g CONCENTRATION
TPH–g	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED
**	DEEP WELLS NOT USED IN CONTOURING

0 45 90
SCALE IN FEET

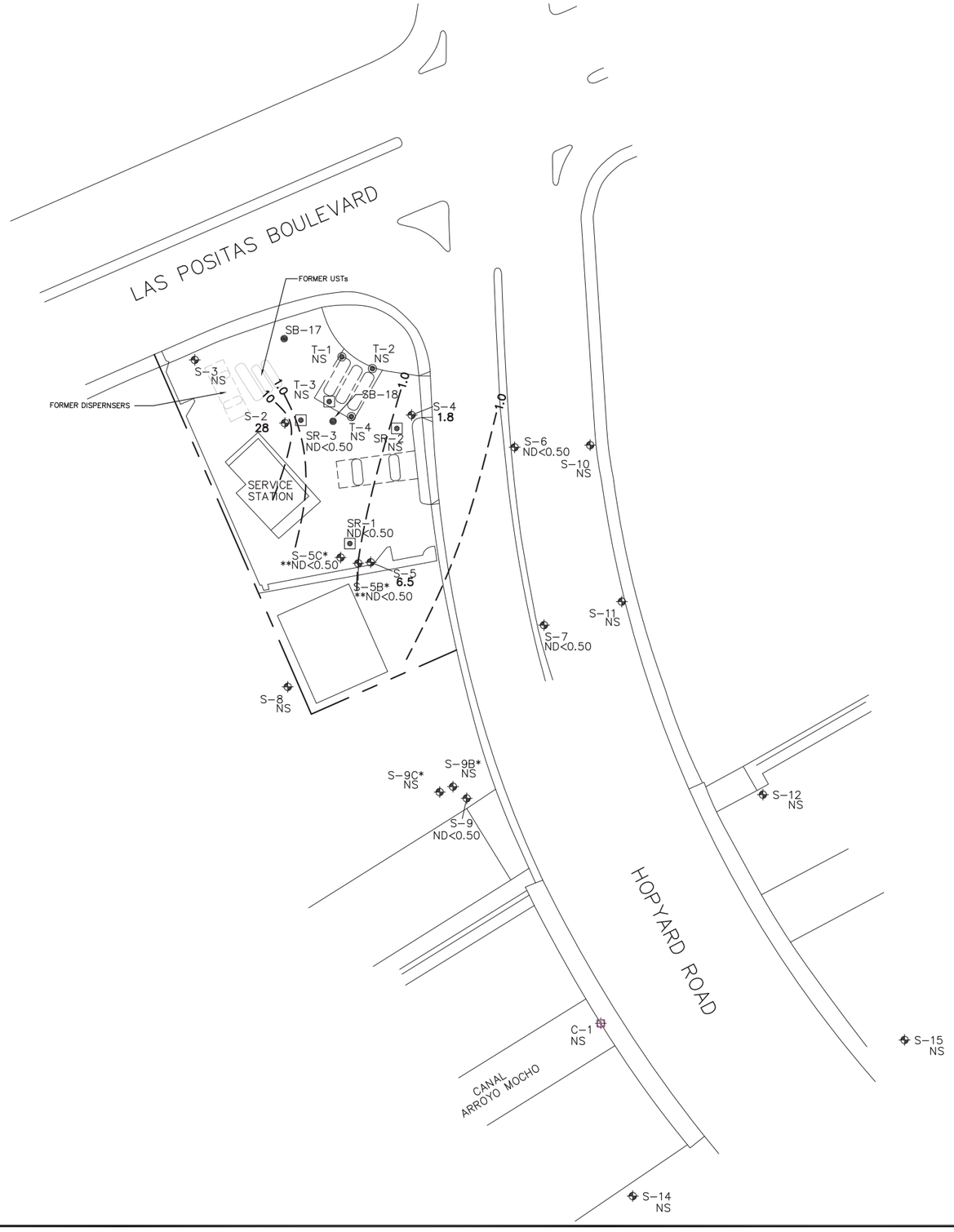
DELTA CONSULTANTS

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

FIGURE 4
TPH-g ISOCONCENTRATION MAP

7/6/2010
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA3790H1D			J.F.F. 8/27/2010



0 45 90
SCALE IN FEET

N
W E
S

LEGEND

SB-17 ●	SOIL BORING LOCATION
MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3 ⊡	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2 ◉	TANK BACKFILL
C-1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
3.8	BENZENE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
1.0 – – – –	LINE OF EQUAL BENZENE CONCENTRATION
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED
**	DEEP WELLS NOT USED IN CONTOURING

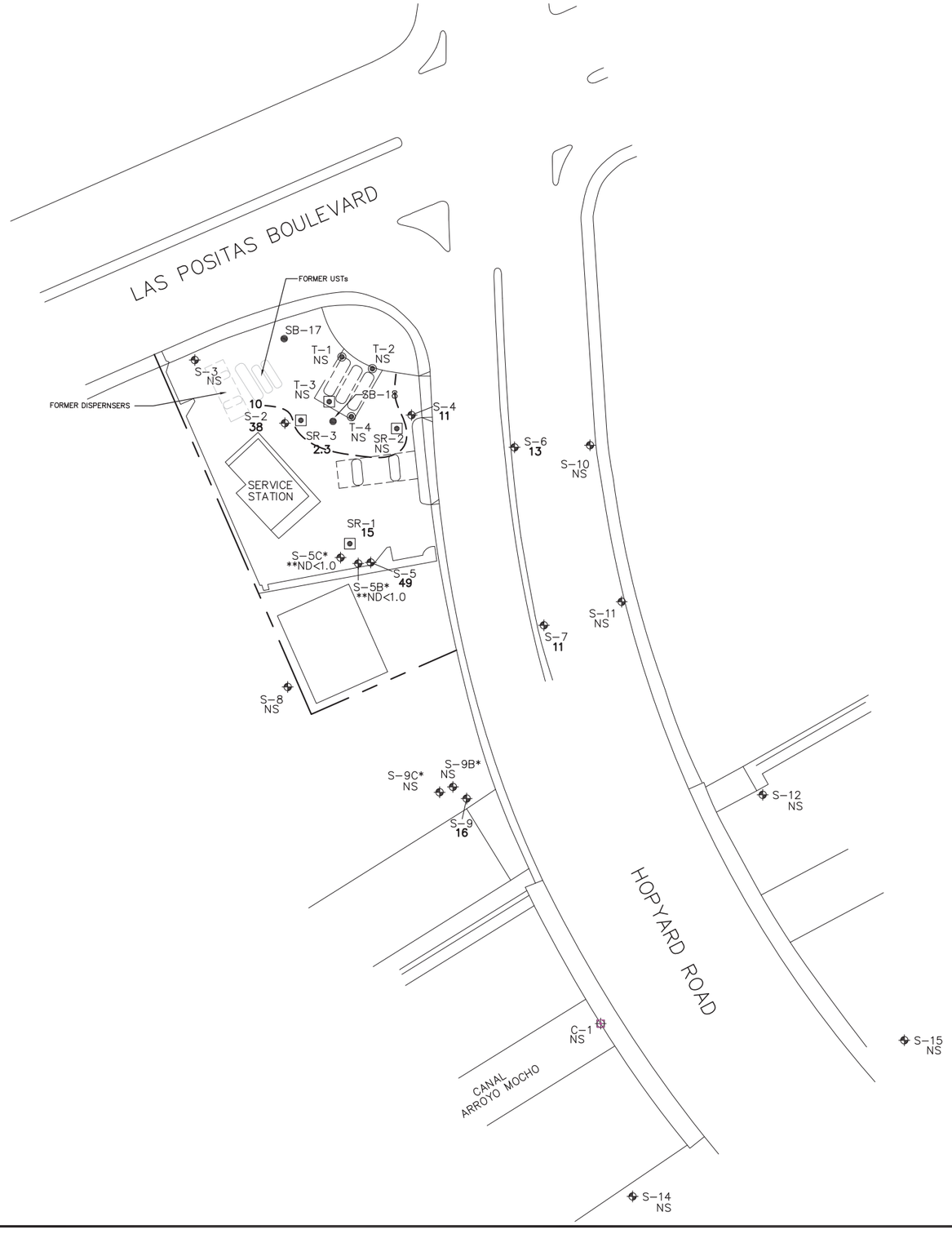
DELTA CONSULTANTS

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

FIGURE 5
BENZENE ISOCONCENTRATION MAP

7/6/2010
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA3790H1D			J.F.F. 8/27/2010



N
W E
S

LEGEND

SB-17 ●	SOIL BORING LOCATION
MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3 ⊡	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2 ◉	TANK BACKFILL
C-1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
37	MTBE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER(µg/L)
10 — — — —	LINE OF EQUAL MTBE CONCENTRATION
MTBE	METHYL TERT-BUTYL ETHER
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED
**	DEEP WELLS NOT USED IN CONTOURING

0 45 90
SCALE IN FEET

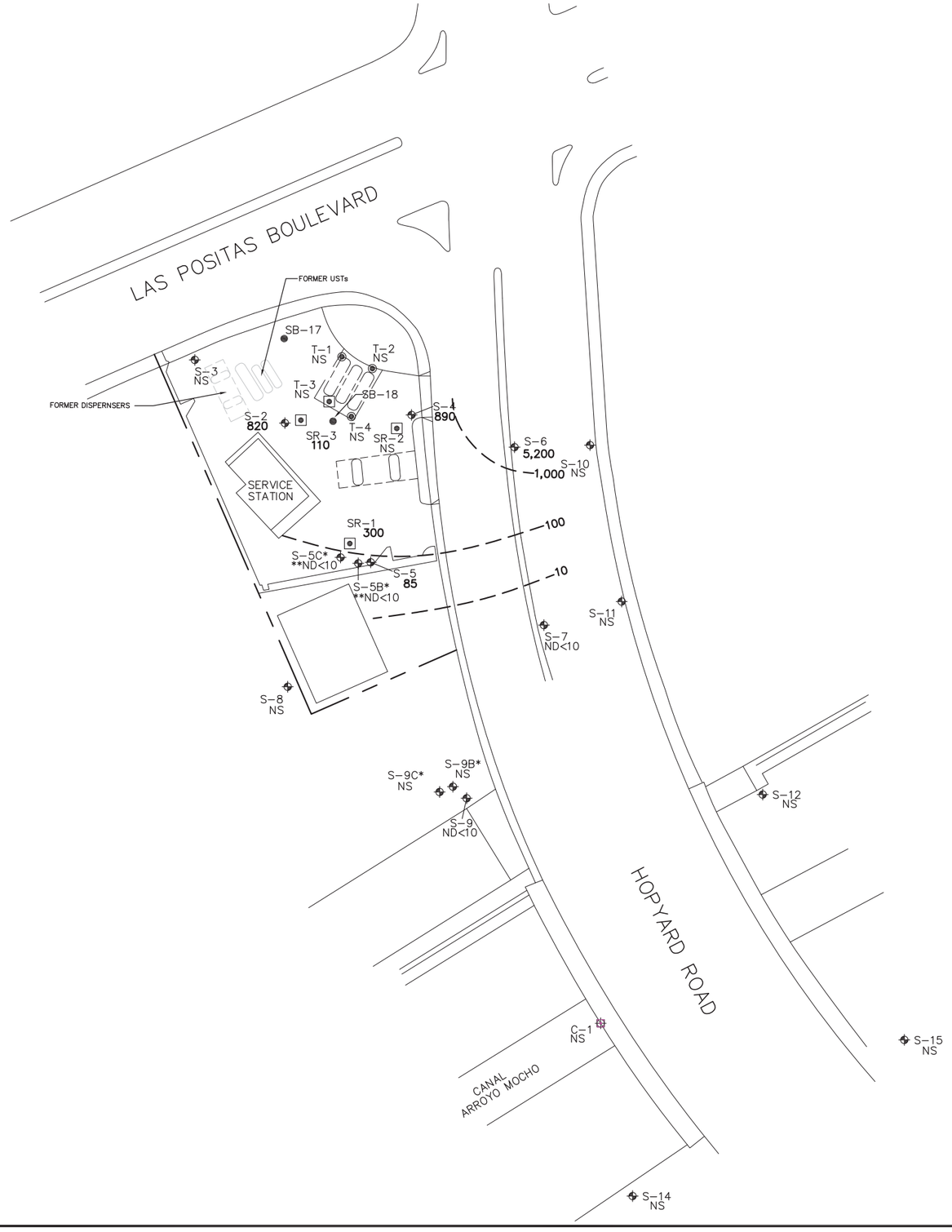
DELTA CONSULTANTS

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

FIGURE 6
MTBE ISOCONCENTRATION MAP

7/6/2010
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

PROJECT NUMBER	APPROVED BY	CHECKED BY	DRAWN BY
SCA3790H1D			J.F.F. 8/27/2010



N
W E
S

LEGEND

SB-17 ●	SOIL BORING LOCATION
MW-1 ⊕	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
SR-3 ⊡	GROUNDWATER RECOVERY WELL LOCATION AND DESIGNATION
T-2 ◉	TANK BACKFILL
C-1 ⊞	GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
*	DEEP MONITORING WELL
4,300	TBA CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)
10 — — —	LINE OF EQUAL TBA CONCENTRATION
TBA	TERTIARY BUTYL ALCOHOL
µg/L	MICROGRAMS PER LITER
ND<	NOT DETECTED ABOVE LIMIT NOTED
NS	NOT SAMPLED
**	DEEP WELLS NOT USED IN CONTOURING

0 45 90
SCALE IN FEET

DELTA CONSULTANTS

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

FIGURE 7
TBA ISOCONCENTRATION MAP

7/6/2010
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

TABLES

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
C-1	05/09/03	331.33		28.50	NM	302.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/08/03	331.33		28.50	NM	302.83	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/15/03	331.33		28.52	NM	302.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/06/04	331.33		28.21	NM	303.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/07/04	331.33		28.54	NM	302.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/27/04	331.33		28.58	NM	302.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/29/04	331.33		28.58	NM	302.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/06/05	331.33		28.55	NM	302.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/14/05	331.33		28.55	NM	302.78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/29/05	331.33		28.54	NM	302.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/20/05	331.33		31.11	NM	300.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/26/06	331.33		31.15	NM	300.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/24/06	331.33		32.07	NM	299.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/12/06	331.33		29.30	NM	302.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/20/06	331.33		31.64	NM	299.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/22/07	331.33		30.03	NM	301.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/13/07	331.33		30.21	NM	301.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/09/07	331.33		33.38	NM	297.95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/22/07	331.33		33.18	NM	298.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/09/08	331.33		28.21	NM	303.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/11/08	331.33		33.52	NM	297.81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/29/08	331.33		30.91	NM	300.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	10/29/08	331.33		31.02	NM	300.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/21/09	331.33		30.54	NM	300.79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	04/16/09	331.33		30.61	NM	300.72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	07/09/09	331.33		30.74	NM	300.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
C-1	01/11/10	331.33	NP	30.83	0.00	300.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			NA	
C-1	07/06/10	331.33	NP	30.92	0.00	300.41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-1	11/06/87	0.00		NG	NM	NM	**920**	**230**	ND<5	**150**	**150**	NA	NA	NA	NA	NA	NA	NA		NA	
S-1	02/14/88	0.00		NG	NM	NM	**3500**	**1300**	ND<40	**500**	**500**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	11/06/87	329.21		NG	NM	NM	**16000**	**870**	**100**	**2700**	**2700**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	02/14/88	329.21		NG	NM	NM	**1800**	**440**	ND<10	**140**	**140**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	10/13/88	329.21		NG	NM	NM	**550**	**110**	**1**	**45**	**15**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	01/31/89	329.21		NG	NM	NM	**620**	**170**	**2**	**62**	**14**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	03/07/89	329.21		NG	NM	NM	**1900**	**260**	**270**	**130**	**260**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/26/89	329.21		NG	NM	NM	**320**	**88**	**1**	**32**	**10**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	09/08/89	329.21		NG	NM	NM	**230**	**80**	**1**	**30**	**15**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	12/14/89	329.21		NG	NM	NM	**160**	**56**	**0.5**	**21**	**3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	03/05/90	329.21		NG	NM	NM	**710**	**57**	ND<0.5	ND<0.5	**88**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/14/90	329.21		NG	NM	NM	**110**	**39**	**0.5**	**11**	**2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	10/02/90	329.21		NG	NM	NM	**290**	**84**	**1.7**	**160**	**8.1**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	12/18/90	329.21		NG	NM	NM	**61**	**18**	**1.4**	**2.2**	**2.4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	03/20/91	329.21		NG	NM	NM	**110**	**30**	**2.2**	**10**	**7**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/26/91	329.21		NG	NM	NM	**50 a**	**6.3**	ND<0.5	**3.3**	**1.3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	09/05/91	329.21		NG	NM	NM	**90**	**12**	**3.2**	**2.5**	**2.3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	12/13/91	329.21		15.85	NM	313.36	ND<50	**12**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	03/11/92	329.21		14.94	NM	314.27	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/24/92	329.21		15.78	NM	313.43	ND<50	**0.9**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	09/17/92	329.21		15.03	NM	314.18	**78**	**2.6**	**1.3**	**1.3**	**0.9**	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	12/11/92	329.21		14.81	NM	314.40	ND<50	**0.8**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	02/04/93	329.21		NG	NM	NM	**55**	**1.3**	**0.7**	**0.7**	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/03/93	329.21		NG	NM	NM	ND<50	**0.7**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	09/15/93	329.21		14.63	NM	314.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	12/09/93	329.21		14.70	NM	314.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/16/94	329.21		14.94	NM	314.27	ND<50	**0.8**	ND<0.5	**0.7**	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	09/13/94	329.21		15.17	NM	314.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/21/95	329.21		14.25	NM	314.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-2	06/12/96	329.21		14.31	NM	314.90	ND<50	**6.1**	ND<0.5	ND<0.5	ND<0.5	**48**	NA	NA	NA	NA	NA	NA		NA	
S-2	06/25/97	329.21		14.40	NM	314.81	**120**	**25**	**0.59**	**2.4**	**8.7**	**130**	NA	NA	NA	NA	NA	4.4		NA	
S-2	06/19/98	329.21		13.72	NM	315.49	**450**	**96**	ND<2.5	**4**	**19**	**180**	NA	NA	NA	NA	NA	2.8		NA	
S-2	06/17/99	329.21		13.97	NM	315.24	**312**	**74.4**	**2.04**	**1.02**	ND<1	**147**	NA	NA	NA	NA	NA	3.7		NA	
S-2	06/15/00	329.21		14.25	NM	314.96	**1050**	**261**	ND<5	**7.54**	**11.4**	**9850 b**	NA	NA	NA	NA	NA	3.3		NA	
S-2	11/29/00	329.21		14.82	NM	314.39	ND<250	**3.75**	ND<2.5	ND<2.5	ND<2.5	**10700 b**	NA	NA	NA	NA	NA	2.2		NA	
S-2	03/07/01	329.21		13.70	NM	315.51	ND<500	**14.7**	ND<5	ND<5	ND<5	**8610**	NA	NA	NA	NA	NA	2.3		NA	
S-2	06/18/01	329.21		14.56	NM	314.65	ND<2000	ND<20	ND<20	ND<20	ND<20	**7100**	NA	NA	NA	NA	NA	NA		NA	
S-2	09/17/01	329.21		15.18	NM	314.03	ND<2000	ND<10	ND<10	ND<10	ND<10	**7500**	**680**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-2	12/31/01	329.21		13.19	NM	316.02	ND<1000	ND<10	ND<10	ND<10	ND<10	**3800**	NA	NA	NA	NA	NA	NA		NA	
S-2	03/13/02	329.21		15.03	NM	314.18	ND<1000	**65**	ND<10	**13**	ND<10	**6500**	NA	NA	NA	NA	NA	NA		NA	
S-2	06/18/02	329.21		15.60	NM	313.61	**520**	**28**	ND<5	ND<5	ND<5	**2800**	NA	NA	NA	NA	NA	NA		NA	
S-2	09/27/02	328.77		14.90	NM	313.87	ND<1000	ND<10	ND<10	ND<10	ND<10	**4200**	NA	NA	NA	NA	NA	NA		NA	
S-2	12/27/02	328.77		14.40	NM	314.37	ND<1000	ND<10	ND<10	ND<10	ND<10	**4300**	**5600**	ND<10	ND<10	ND<10	NA	NA		ND<10	
S-2	03/24/03	328.77		14.86	NM	313.91	ND<2500	**28**	ND<25	ND<25	ND<50	**1300**	NA	NA	NA	NA	NA	NA		NA	
S-2	05/09/03	328.77		13.45	NM	315.32	ND<2500	**36**	ND<25	**35**	ND<50	**4000**	**6200**	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-2	07/08/03	328.77		20.10	NM	308.67	ND<2000	ND<20	ND<20	ND<20	ND<40	**3200**	NA	NA	NA	NA	NA	NA		NA	
S-2	10/15/03	328.77		16.67	NM	312.10	**960 e**	**6.9**	ND<2.5	**9**	ND<5	**90**	**2400**	NA	NA	NA	NA	NA		NA	
S-2	01/06/04	328.77		21.00	NM	307.77	**690**	**8.3**	ND<0.5	**0.72**	**2.8**	**82**	**860**	NA	NA	NA	NA	NA		NA	
S-2	04/07/04	328.77		16.62	NM	312.15	**980 e**	**12**	ND<2.5	ND<2.5	ND<5	**28**	**2500**	NA	NA	NA	NA	NA		NA	
S-2	07/27/04	328.77		16.64	NM	312.13	**62**	**1.5**	ND<0.5	ND<0.5	ND<1	**16**	**550**	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-2	10/29/04	328.77		16.43	NM	312.34	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**22**	**1800**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-2	01/06/05	328.77		16.37	NM	312.40	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**21**	**2700**	ND<10	ND<10	ND<10	NA	NA		NA	
S-2	04/14/05	328.77		18.54	NM	310.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**14**	**290**	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-2	07/29/05	328.77		21.37	NM	307.40	**1300 g**	ND<5	ND<5	ND<5	ND<10	**19**	**1000**	ND<20	ND<20	ND<20	ND<500	NA		NA	
S-2	10/20/05	328.77		21.88	NM	306.89	**1300**	**13**	ND<1	**9.8**	**2.6**	**26**	**730**	ND<4	ND<4	ND<4	ND<100	NA		NA	
S-2	01/26/06	328.77		21.15	NM	307.62	**3820**	**16.3**	ND<0.5	**5.78**	ND<0.5	**25.8**	**445**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-2	04/24/06	328.77		13.80	NM	314.97	**4720**	**68.8**	**1.44**	**115**	**8.31**	**1600**	**1010**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-2	07/12/06	328.77		14.19	NM	314.58	ND<50	**14.4**	ND<0.5	ND<0.5	ND<1.5	**70.9**	**1660**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-2	10/20/06	328.77		14.13	NM	314.64	**108**	**5.52**	ND<0.5	**0.69**	ND<0.5	**17.9**	**382**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-2	01/22/07	328.77		14.05	NM	314.72	ND<50	**0.4**	ND<0.5	ND<0.5	ND<1	**16**	**450**	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-2	04/13/07	328.77		14.09	NM	314.68	**52 k**	**0.53**	ND<1	**0.22 m**	ND<1	**14**	**660**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	07/09/07	328.77		13.33	NM	315.44	**97 kl**	**4.6**	ND<1	ND<1	ND<1	**23**	**1500**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	10/22/07	328.77		14.70	NM	314.07	**120 k**	**0.23 m**	ND<1	ND<1	ND<1	**13**	**2400**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	01/09/08	328.77		13.65	NM	315.12	**66 k**	**1.5 m**	ND<5	ND<5	ND<5	**12**	**1500**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-2	04/11/08	328.77		14.47	NM	314.30	**450**	**3.8**	ND<5	ND<5	ND<5	**37**	**4300**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-2	07/29/08	328.77		15.00	NM	313.77	**370**	**5.3**	ND<5	ND<5	ND<5	**18**	**2300**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-2	10/29/08	328.77		15.10	NM	313.67	**100**	**2.3**	ND<1	ND<1	ND<1	**11**	**710**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	01/21/09	328.77		13.89	NM	314.88	**990**	**37**	ND<1	**8.8**	**1.4**	**83**	**1200**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	04/16/09	328.77		13.75	NM	315.02	**2100**	**54**	**1.2**	**21**	**3**	**88**	**930**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	07/09/09	328.77		15.18	NM	313.59	**620**	**16**	ND<1	**5.6**	ND<1	**35**	**900**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-2	01/11/10	328.77	NP	13.68	0.00	315.09	**3300**	**39**	**1.5**	**23**	**4.1**	**51**	**600**	ND<2	ND<2	ND<2	ND<100			NA	
S-2	07/06/10	328.77	NP	14.43	0.00	314.34	**2100**	**28**	ND<2.0	**21**	**2.0**	**38**	**820**	NA	NA	NA	ND<200			NA	
S-3	02/14/88	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<4	ND<4	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	10/13/88	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	01/31/89	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	03/07/89	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/26/89	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	09/08/89	327.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	12/14/89	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	03/05/90	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/14/90	327.67		NG	NM	NM	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	10/02/90	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	**1**	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	12/18/90	327.67		NG	NM	NM	ND<50	ND<0.5	**1.6**	ND<0.5	**2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	03/20/91	327.67		NG	NM	NM	**70**	**2.3**	**8.9**	**4**	**23**	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/26/91	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	09/05/91	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	12/13/91	327.67		13.87	NM	313.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	03/11/92	327.67		13.05	NM	314.62	ND<30	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/24/92	327.67		13.86	NM	313.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	09/17/92	327.67		13.01	NM	314.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	12/11/92	327.67		13.00	NM	314.67	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	02/04/93	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/03/93	327.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	09/15/93	327.67		13.02	NM	314.65	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	12/09/93	327.67		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	09/13/94	327.67		15.17	NM	312.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/21/95	327.67		12.49	NM	315.18	**50**	**4.1**	ND<0.5	**20**	**1.2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-3	06/12/96	327.67		12.53	NM	315.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	NA		NA	
S-3	06/25/97	327.67		12.64	NM	315.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	1.8		NA	
S-3	06/19/98	327.67		11.74	NM	315.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	4.1		NA	
S-3	06/17/99	327.67		12.35	NM	315.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	2.8		NA	
S-3	06/15/00	327.67		12.51	NM	315.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	3.2		NA	
S-3	11/29/00	327.67		12.84	NM	314.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	1		NA	
S-3	03/07/01	327.67		12.42	NM	315.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.8		NA	
S-3	06/18/01	327.67		13.74	NM	313.93	ND<50	**0.66**	**1.1**	ND<0.5	**0.51**	**0.66**	NA	NA	NA	NA	NA	NA		NA	
S-3	09/17/01	327.67		13.25	NM	314.42	ND<50	**0.73**	**0.96**	ND<0.5	**0.61**	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	12/31/01	327.67		12.38	NM	315.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	03/13/02	327.67		13.16	NM	314.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	06/18/02	327.67		13.55	NM	314.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	09/27/02	327.40		13.32	NM	314.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	12/27/02	327.40		12.55	NM	314.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	ND<2	ND<2	ND<2	NA	NA		ND<2	
S-3	03/24/03	327.40		12.71	NM	314.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-3	05/09/03	327.40		12.27	NM	315.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-3	07/08/03	327.40		14.10	NM	313.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.7**	ND<5	NA	NA	NA	NA	NA		NA	
S-3	10/15/03	327.40		14.64	NM	312.76	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-3	01/06/04	327.40		15.11	NM	312.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-3	04/07/04	327.40		14.36	NM	313.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-3	07/27/04	327.40		14.21	NM	313.19	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-3	10/29/04	327.40		14.03	NM	313.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-3	01/06/05	327.40		14.08	NM	313.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	NA	NA		NA	
S-3	04/14/05	327.40		12.16	NM	315.24	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-3	07/29/05	327.40		15.29	NM	312.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-3	10/20/05	327.40		15.90	NM	311.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-3	01/26/06	327.40		15.00	NM	312.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**59.5**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-3	04/24/06	327.40		12.03	NM	315.37	ND<50	**0.61**	**0.64**	ND<0.5	ND<0.5	ND<0.5	**13**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-3	07/12/06	327.40		12.35	NM	315.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-3	10/20/06	327.40		12.46	NM	314.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-3	01/22/07	327.40		13.05	NM	314.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-3	04/13/07	327.40		12.50	NM	314.90	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	07/09/07	327.40		12.04	NM	315.36	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	10/22/07	327.40		13.02	NM	314.38	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	01/09/08	327.40		12.21	NM	315.19	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	04/11/08	327.40		12.80	NM	314.60	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	07/29/08	327.40		13.25	NM	314.15	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	**13**	ND<2	ND<2	ND<2	**170**	NA		NA	
S-3	10/29/08	327.40		13.40	NM	314.00	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	01/21/09	327.40		12.41	NM	314.99	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	04/16/09	327.40		12.20	NM	315.20	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	07/09/09	327.40		13.49	NM	313.91	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-3	01/11/10	327.40	NP	12.39	0.00	315.01	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-3	07/06/10	327.40	NP	12.80	0.00	314.60	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-4	02/14/88	328.53		NG	NM	NM	**5100**	**160**	**8**	**730**	**730**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	10/13/88	328.53		NG	NM	NM	**530**	**24**	**1**	**25**	**16**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	01/31/89	328.53		NG	NM	NM	**1100**	**33**	**2**	**20**	**24**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/07/89	328.53		NG	NM	NM	**650**	**37**	**1**	**35**	**27**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/26/89	328.53		NG	NM	NM	**670**	**110**	ND<1	**85**	**71**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	09/08/89	328.53		NG	NM	NM	**380**	**32**	ND<1	**36**	**26**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	12/14/89	328.53		NG	NM	NM	**210**	**21**	ND<0.5	**30**	**23**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/05/90	328.53		NG	NM	NM	**350**	**43**	ND<0.5	**24**	**47**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/14/90	328.53		NG	NM	NM	**430**	**74**	ND<0.5	**71**	**46**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	10/02/90	328.53		NG	NM	NM	**700**	**74**	**2.2**	**100**	**55**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	12/18/90	328.53		NG	NM	NM	**1400**	**180**	**2.9**	**280**	**230**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/20/91	328.53		NG	NM	NM	**1200**	**100**	ND<2	**210**	**130**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/26/91	328.53		NG	NM	NM	**220**	**14**	ND<0.5	**34**	**17**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	09/05/91	328.53		NG	NM	NM	**580**	**31**	**0.8**	**53**	**26**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	12/13/91	328.53		15.20	NM	313.33	**370**	**24**	**0.9**	**1.3**	**46**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/11/92	328.53		14.37	NM	314.16	**1600**	**23**	**1.2**	**12**	**20**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/24/92	328.53		15.30	NM	313.23	**480**	**48**	ND<1	**95**	**22**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	09/17/92	328.53		14.17	NM	314.36	**260**	**35**	**1.2**	**51**	**7.8**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	12/11/92	328.53		14.18	NM	314.35	**270**	**34**	**0.8**	**28**	**4.5**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	02/04/93	328.53		NG	NM	NM	**1100**	**12**	ND<5	**89**	**100**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/03/93	328.53		NG	NM	NM	**210**	**48**	**1.1**	**42**	**4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	09/15/93	328.53		13.86	NM	314.67	**700**	**21**	ND<1	**110**	**91**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	12/09/93	328.53		14.16	NM	314.37	**250**	**39**	ND<0.5	**3.8**	**2.6**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/04/94	328.53		14.17	NM	314.36	**150**	**25**	**1.4**	**6.8**	**2.8**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	03/04/94	328.53		14.17	NM	314.36	**140**	**28**	**0.8**	**7.9**	**3.2**	NA	NA	NA	NA	NA	NA	NA		NA	Duplicate sample
S-4	06/16/94	328.53		14.14	NM	314.39	**90**	**12**	ND<0.5	**1.8**	**2.4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/16/94	328.53		14.14	NM	314.39	**80**	**5.9**	ND<0.5	**1.5**	**0.9**	NA	NA	NA	NA	NA	NA	NA		NA	Duplicate sample
S-4	09/13/94	328.53		14.42	NM	314.11	ND<50	**23**	ND<0.5	**4.9**	**2.4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	09/13/94	328.53		14.42	NM	314.11	ND<50	**23**	ND<0.5	**4**	**2.3**	NA	NA	NA	NA	NA	NA	NA		NA	Duplicate sample
S-4	06/21/95	328.53		13.82	NM	314.71	**270**	**34**	**1.4**	**25**	**7.6**	NA	NA	NA	NA	NA	NA	NA		NA	
S-4	06/21/95	328.53		13.82	NM	314.71	**280**	**35**	**2.1**	**26**	**8.4**	NA	NA	NA	NA	NA	NA	NA		NA	Duplicate sample
S-4	06/12/96	328.53		13.64	NM	314.89	**360**	**52**	ND<0.5	ND<0.5	ND<0.5	**92**	NA	NA	NA	NA	NA	NA		NA	
S-4	06/12/96	328.53		13.64	NM	314.89	**430**	**54**	ND<1.2	**72**	**21**	**96**	NA	NA	NA	NA	NA	NA		NA	Duplicate sample
S-4	06/25/97	328.53		13.74	NM	314.79	**6700**	**93**	**1200**	**240**	**1300**	**6800**	NA	NA	NA	NA	NA	0.6		NA	
S-4	06/19/98	328.53		12.55	NM	315.98	**3500**	**56**	**15**	**140**	**670**	**2100**	NA	NA	NA	NA	NA	0.8		NA	
S-4	06/19/98	328.53		12.55	NM	315.98	**3000**	**51**	**14**	**110**	**530**	**2000**	NA	NA	NA	NA	NA	0.8		NA	Duplicate sample
S-4	06/17/99	328.53		13.24	NM	315.29	**1510**	**28.4**	**9.84**	**176**	**132**	**1780**	NA	NA	NA	NA	NA	4.8		NA	
S-4	06/15/00	328.53		13.65	NM	314.88	ND<500	**12**	ND<5	**31**	**22.8**	**12200**	NA	NA	NA	NA	NA	2.1		NA	
S-4	11/29/00	328.53		14.23	NM	314.30	ND<500	ND<5	ND<5	ND<5	ND<5	**12100**	NA	NA	NA	NA	NA	1.8		NA	
S-4	03/07/01	328.53		13.15	NM	315.38	ND<500	**5.44**	ND<5	**6.49**	ND<5	**14500**	NA	NA	NA	NA	NA	2.4		NA	
S-4	06/18/01	328.53		13.81	NM	314.72	ND<1000	ND<10	ND<10	ND<10	ND<10	**3500**	NA	NA	NA	NA	NA	NA		NA	
S-4	09/17/01	328.53		14.29	NM	314.24	ND<500	ND<5	ND<5	ND<5	ND<5	**7700**	NA	NA	NA	NA	NA	NA		NA	
S-4	12/31/01	328.53		13.44	NM	315.09	ND<1000	ND<10	ND<10	ND<10	ND<10	**3800**	NA	NA	NA	NA	NA	NA		NA	
S-4	03/13/02	328.53		14.42	NM	314.11	ND<2500	ND<25	ND<25	ND<25	ND<25	**18000**	NA	NA	NA	NA	NA	NA		NA	
S-4	06/18/02	328.53		15.19	NM	313.34	ND<100	**1.1**	ND<1	ND<1	ND<1	**530**	NA	NA	NA	NA	NA	NA		NA	
S-4	09/27/02	328.11		14.32	NM	313.79	ND<200	ND<2	ND<2	ND<2	ND<2	**1100**	NA	NA	NA	NA	NA	NA		NA	
S-4	12/27/02	328.11		13.50	NM	314.61	**280**	**3.5**	ND<2.5	**17**	**4.7**	**390**	**9000**	ND<2.5	ND<2.5	ND<5	NA	NA		ND<2.5	
S-4	03/24/03	328.11		14.56	NM	313.55	ND<2500	ND<25	ND<25	ND<25	ND<50	**780**	NA	NA	NA	NA	NA	NA		NA	
S-4	05/09/03	328.11		13.20	NM	314.91	ND<2500	ND<25	ND<25	ND<25	ND<50	**1200**	**18000**	NA	NA	NA	NA	NA		NA	
S-4	07/08/03	328.11		20.87	NM	307.24	ND<2500	ND<25	ND<25	ND<25	ND<50	**1700**	**8700**	NA	NA	NA	NA	NA		NA	
S-4	10/15/03	328.11		16.15	NM	311.96	ND<2500	ND<25	ND<25	ND<25	ND<50	**280**	**11000**	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-4	01/06/04	328.11		21.64	NM	306.47	**3500**	ND<5	**19**	**190**	**570**	**58**	**9600**	NA	NA	NA	NA	NA		NA	
S-4	04/07/04	328.11		20.89	NM	307.22	ND<1000	ND<10	ND<10	ND<10	ND<20	**110**	**9900**	NA	NA	NA	NA	NA		NA	
S-4	07/27/04	328.11		20.78	NM	307.33	ND<1000	ND<10	ND<10	ND<10	ND<20	ND<10	**10000**	ND<40	ND<40	ND<40	ND<1000	NA		NA	
S-4	10/29/04	328.11		20.53	NM	307.58	ND<1000	ND<10	ND<10	ND<10	ND<20	**110**	**5600**	ND<40	ND<40	ND<40	ND<1000	NA		NA	
S-4	01/06/05	328.11		20.44	NM	307.67	ND<1000	ND<10	ND<10	ND<10	ND<20	ND<10	**6500**	ND<40	ND<40	ND<40	NA	NA		NA	
S-4	04/14/05	328.11		18.60	NM	309.51	ND<250	ND<2.5	ND<2.5	**3.1**	ND<2.5	**120**	**6000**	ND<2.5	ND<2.5	ND<2.5	ND<25	NA		NA	
S-4	07/29/05	328.11		21.03	NM	307.08	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**4.4**	**3100**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-4	10/20/05	328.11		21.62	NM	306.49	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	ND<2.5	**2700**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-4	01/26/06	328.11		21.10	NM	307.01	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.95**	**723**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-4	04/24/06	328.11		13.24	NM	314.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**79.4**	**1310**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-4	07/12/06	328.11		13.45	NM	314.66	ND<50	**4.42**	ND<0.5	**29.1**	**36.5**	**230**	**1530**	ND<0.5	ND<0.5	**0.93**	ND<50	NA		NA	
S-4	10/20/06	328.11		13.63	NM	314.48	**1150**	**5.3**	**0.99**	**41.5**	**2.79**	**208**	**2160**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-4	01/22/07	328.11		14.32	NM	313.79	**550**	**4.8**	ND<2.5	**30**	ND<5	**130**	**3000**	ND<5	ND<5	ND<5	ND<750	NA		NA	
S-4	04/13/07	328.11		13.68	NM	314.43	**320 kl**	**0.48 m**	ND<1	**3.3**	ND<1	**18**	**390**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-4	07/09/07	328.11		12.78	NM	315.33	**240 k**	**1.5**	**0.32 m**	**6.9**	ND<1	**59**	**1900**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-4	10/22/07	328.11		14.26	NM	313.85	**170 k**	**1.3 m**	ND<5	**3.8 m**	ND<5	**36**	**1600**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-4	01/09/08	328.11		13.40	NM	314.71	**85 k**	ND<2.5	ND<5	**1.3 m**	ND<5	**26**	**1700**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-4	04/11/08	328.11		14.00	NM	314.11	**430**	ND<2.5	ND<5	ND<5	ND<5	**49**	**3100**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-4	07/29/08	328.11		14.64	NM	313.47	**190**	**1.1**	ND<1	**1.3**	ND<1	**24**	**1500**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-4	10/29/08	328.11		14.73	NM	313.38	**180**	**1.3**	ND<1	**5.7**	ND<1	**21**	**1700**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-4	01/21/09	328.11		13.66	NM	314.45	**940**	**4.6**	ND<2	**31**	ND<2	**38**	**2400**	ND<4	ND<4	ND<4	ND<200	NA		NA	
S-4	04/16/09	328.11		13.43	NM	314.68	**680**	**3.4**	ND<5	**14**	ND<5	**29**	**2200**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-4	07/09/09	328.11		15.04	NM	313.07	**280**	ND<2.5	ND<5	ND<5	ND<5	**17**	**1900**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-4	01/11/10	328.11	NP	13.75	0.00	314.36	**580**	**2.8**	ND<2	**6**	ND<2	**19**	**1500**	ND<4	ND<4	ND<4	ND<200			NA	
S-4	07/06/10	328.11	NP	14.35	0.00	313.76	**490**	**1.8**	ND<1.0	**23**	ND<1.0	**11**	**890**	NA	NA	NA	ND<100			NA	
S-5	02/14/88	329.66		NG	NM	NM	**1000**	**40**	**86**	**180**	**180**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	10/13/88	329.66		NG	NM	NM	**560**	**66**	**20**	**18**	**36**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	01/31/89	329.66		NG	NM	NM	**180**	**27**	**8**	**9**	**13**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	03/07/89	329.66		NG	NM	NM	**3800**	**520**	**530**	**260**	**570**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/26/89	329.66		NG	NM	NM	ND<50	**3.8**	ND<1	**2**	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	09/08/89	329.66		NG	NM	NM	**110**	**25**	**2**	**2**	**12**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	12/14/89	329.66		NG	NM	NM	**1700**	**300**	**86**	**67**	**140**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	03/05/90	329.66		NG	NM	NM	**1100**	**100**	**110**	**79**	**240**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/14/90	329.66		NG	NM	NM	**600**	**94**	**36**	**40**	**62**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	10/02/90	329.66		NG	NM	NM	**4500**	**1400**	**160**	**260**	**300**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	11/20/90	329.66		NG	NM	NM	**16000**	**4600**	**720**	**790**	**1000**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	12/18/90	329.66		NG	NM	NM	**25000**	**7600**	**1100**	**1300**	**2300**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	03/20/91	329.66		NG	NM	NM	**310**	**39**	**12**	**18**	**30**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/26/91	329.66		NG	NM	NM	**1300**	**250**	**62**	**120**	**180**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	09/05/91	329.66		NG	NM	NM	**4700**	**660**	**150**	**170**	**280**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	12/13/91	329.66		17.48	NM	312.18	**1400**	**580**	**19**	**110**	**80**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	03/11/92	329.66		16.22	NM	313.44	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/24/92	329.66		17.47	NM	312.19	**1800**	**380**	**52**	**120**	**180**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	09/17/92	329.66		16.84	NM	312.82	**2200**	**750**	**91**	**170**	**170**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	12/11/92	329.66		16.37	NM	313.29	**8700**	**1600**	**66**	**48**	**340**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	02/04/93	329.66		NG	NM	NM	**150**	**156**	**0.7**	**4.7**	**4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/03/93	329.66		NG	NM	NM	**480**	**140**	**3.4**	**17**	**14**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	09/15/93	329.66		16.20	NM	313.46	**80**	**2.4**	**0.5**	**1.4**	**2.9**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	12/09/93	329.66		16.26	NM	313.40	**120**	**0.56**	ND<0.5	**2.2**	**1.2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	03/04/94	329.66		16.25	NM	313.41	**70**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/16/94	329.66		16.04	NM	313.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	09/13/94	329.66		11.52	NM	318.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/21/95	329.66		14.50	NM	315.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	06/12/96	329.66		12.53	NM	317.13	ND<500	**6**	ND<5	ND<5	ND<5	**1400**	NA	NA	NA	NA	NA	NA		NA	
S-5	06/25/97	329.66		15.34	NM	314.32	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	**1100**	NA	NA	NA	NA	NA	1.1		NA	
S-5	06/19/98	329.66		13.71	NM	315.95	ND<50	**1**	ND<0.5	ND<0.5	ND<0.5	**61**	NA	NA	NA	NA	NA	3.6		NA	
S-5	06/17/99	329.66		13.56	NM	316.10	ND<50	**1.44**	ND<0.5	ND<0.5	ND<0.5	**336**	NA	NA	NA	NA	NA	1.4		NA	
S-5	06/15/00	329.66		15.00	NM	314.66	ND<50	**0.82**	ND<0.5	ND<0.5	ND<0.5	**221**	NA	NA	NA	NA	NA	2.7		NA	
S-5	11/29/00	329.66		16.29	NM	313.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**183**	NA	NA	NA	NA	NA	0.7		NA	
S-5	03/07/01	329.66		15.49	NM	314.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7.55**	NA	NA	NA	NA	NA	2.5		NA	
S-5	06/18/01	329.66		15.50	NM	314.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**11**	NA	NA	NA	NA	NA	NA		NA	
S-5	09/17/01	329.66		16.35	NM	313.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**17**	NA	NA	NA	NA	NA	NA		NA	
S-5	12/31/01	329.66		12.80	NM	316.86	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-5	03/13/02	329.66		16.32	NM	313.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**93**	NA	NA	NA	NA	NA	NA		NA	
S-5	06/18/02	329.66		17.00	NM	312.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**130**	NA	NA	NA	NA	NA	NA		NA	
S-5	09/27/02	329.36		16.34	NM	313.02	ND<50	**0.88**	ND<0.5	ND<0.5	ND<0.5	**280**	NA	NA	NA	NA	NA	NA		NA	
S-5	12/27/02	329.36		15.45	NM	313.91	ND<50	**1.9**	ND<0.5	ND<0.5	ND<0.5	**87**	ND<50	ND<2	ND<2	ND<2	NA	NA		ND<2	
S-5	03/24/03	329.36		16.70	NM	312.66	ND<250	**2.5**	ND<2.5	ND<2.5	ND<5	**220**	NA	NA	NA	NA	NA	NA		NA	
S-5	05/09/03	329.36		13.16	NM	316.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**110**	**17**	NA	NA	NA	NA	NA		NA	
S-5	07/08/03	329.36		19.00	NM	310.36	ND<1000	ND<10	ND<10	ND<10	ND<20	**320**	ND<100	NA	NA	NA	NA	NA		NA	
S-5	10/15/03	329.36		19.08	NM	310.28	**1400 e**	**27**	ND<2.5	ND<2.5	ND<5	**180**	**51**	NA	NA	NA	NA	NA		NA	
S-5	01/06/04	329.36		20.97	NM	308.39	**84000**	**1400**	**1200**	ND<25	**17000**	**140**	ND<250	NA	NA	NA	NA	NA		NA	
S-5	04/07/04	329.36		20.81	NM	308.55	**20000**	**70**	ND<25	**230**	**290**	**66**	ND<250	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-5	07/27/04	329.36		20.93	0.04	308.46	**9900**	**46**	ND<25	**74**	ND<50	**43**	ND<250	ND<100	ND<100	ND<100	ND<2500	NA		NA	
S-5	08/04/04	329.36		20.97	0.09	308.46	**22000**	**48**	ND<10	**63**	**38**	NA	NA	NA	NA	NA	NA	NA		NA	
S-5	10/29/04	329.36		18.59	NM	310.77	**14000**	**93**	ND<25	**96**	**94**	ND<25	ND<250	ND<100	ND<100	ND<100	ND<2500	NA		NA	
S-5	01/06/05	329.36		18.83	NM	310.53	**4500**	**32**	ND<10	**47**	**86**	ND<10	ND<100	ND<40	ND<40	ND<40	NA	NA		NA	
S-5	04/14/05	329.36		15.03	NM	314.33	**1700**	**1**	ND<0.5	**8.4**	**16**	**5.6**	**8.1**	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-5	07/29/05	329.36		19.71	NM	309.65	**3900**	**8.9**	ND<2.5	**9.8**	**13**	**21**	ND<200	ND<10	ND<10	ND<40	ND<1000	NA		NA	
S-5	10/20/05	329.36		21.90	NM	307.46	**3300**	**27**	ND<2.5	**9.1**	**14**	**6**	**32**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-5	11/11/05	329.36		22.17	NM	307.19	**2300**	**54**	**0.69**	**15**	**19**	**8.3**	ND<5	NA	NA	NA	NA	NA		NA	
S-5	01/26/06	329.36		20.85	NM	308.51	**6680**	**43.6**	**4.93**	**38.2**	**89.1**	**8.38**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5	04/24/06	329.36		14.40	NM	314.96	**1930**	**1.43**	ND<0.5	ND<0.5	**12.1**	**2.76**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5	07/12/06	329.36		15.50	NM	313.86	ND<50	**4.24**	ND<0.5	**25.8**	**44.8**	**6.43**	**35.3**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5	10/20/06	329.36		15.55	NM	313.81	**2890**	**17.5**	**0.76**	**55.1**	**106**	**3.78**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5	01/22/07	329.36		15.74	NM	313.62	**1600**	**7.3**	**0.54**	**35**	**60**	**0.73 i**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-5	04/13/07	329.36		15.69	NM	313.67	**1100 k**	**4.6**	**0.47 m**	**18**	**25.9**	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	07/09/07	329.36		15.46	NM	313.90	**440 k**	**3**	**0.29 m**	**13**	**19.7**	**2.8**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	10/22/07	329.36		15.87	NM	313.49	**6300 k**	**3.1**	**0.41 m**	**21**	**28.3**	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	01/09/08	329.36		14.97	NM	314.39	**590 k**	**0.69**	**0.28 m**	**10**	**11.3**	**0.71 m**	ND<10	ND<2	ND<2	ND<2	**100**	NA		NA	
S-5	04/11/08	329.36		16.38	NM	312.98	**470**	**0.76**	ND<1	**5.4**	**4.7**	**4.9**	**18**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	07/29/08	329.36		16.22	NM	313.14	**350**	**1.1**	ND<1	**3.9**	**2.3**	**4.4**	**18**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	10/29/08	329.36		17.50	NM	311.86	**630**	**5.7**	ND<1	**4.5**	**2.9**	**9.5**	**23**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	01/21/09	329.36		16.52	NM	312.84	**1200**	**14**	ND<1	**7**	**4.1**	**22**	**46**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	04/16/09	329.36		15.95	NM	313.41	**280**	**1.3**	ND<1	**2.7**	**1.4**	**11**	**35**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	07/09/09	329.36		17.46	NM	311.90	**500**	**4.3**	ND<1	**2.9**	**1.4**	**22**	**32**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5	01/11/10	329.36	NP	16.68	0.00	312.68	**370**	**5**	ND<1	**4**	ND<1	**26**	**31**	ND<2	ND<2	ND<2	ND<100			NA	
S-5	07/06/10	329.36	NP	16.20	0.00	313.16	**1300**	**6.5**	ND<1.0	**8.5**	ND<1.0	**49**	**85**	NA	NA	NA	ND<100			NA	
S-5B	11/08/05	332.25		43.71	NM	288.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-5B	11/11/05	332.25		43.79	NM	288.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**2.5**	**15**	NA	NA	NA	NA	NA		NA	
S-5B	01/26/06	332.25		38.21	NM	294.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.63**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5B	04/24/06	332.25		30.68	NM	301.57	ND<50	**0.54**	**1.18**	ND<0.5	ND<0.5	**1.88**	**12.2**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5B	07/12/06	332.25		30.05	NM	302.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.63**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5B	10/20/06	332.25		31.60	NM	300.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.04**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5B	01/22/07	332.25		27.79	NM	304.46	ND<50	**0.33 i**	**0.36 i**	**0.27 i**	ND<1	**0.9**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-5B	04/13/07	332.25		24.78	NM	307.47	ND<50 k	**0.3**	**0.28 m**	ND<1	ND<1	**0.73 m**	ND<10	ND<2	ND<2	ND<2	**79 m**	NA		NA	
S-5B	07/09/07	332.25		31.12	NM	301.13	ND<50 k	**0.37 m**	ND<1	ND<1	ND<1	**0.49 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	10/22/07	332.25		29.64	NM	302.61	**66 k**	**0.33 m**	ND<1	ND<1	ND<1	**0.64 m**	**5.7 m**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	01/09/08	332.25		25.52	NM	306.73	ND<50 k	**0.29 m**	ND<1	ND<1	ND<1	**0.46 m**	ND<10	ND<2	ND<2	ND<2	**220**	NA		NA	
S-5B	04/11/08	332.25		25.32	NM	306.93	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	07/29/08	332.25		32.33	NM	299.92	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	**100**	NA		NA	
S-5B	10/29/08	332.25		34.51	NM	297.74	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	01/21/09	332.25		32.27	NM	299.98	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	**10**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	04/16/09	332.25		29.30	NM	302.95	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	**14**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5B	07/09/09	332.25		34.41	NM	297.84	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	**200**	NA		NA	
S-5B	01/11/10	332.25	NP	37.45	0.00	294.80	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	**200**			NA	
S-5B	07/06/10	332.25	NP	35.18	0.00	297.07	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	NA	NA	NA	ND<100			NA	
S-5C	11/08/05	332.33		43.69	NM	288.64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-5C	11/11/05	332.33		43.65	NM	288.68	**55**	ND<0.5	**0.67**	ND<0.5	ND<1	**0.87**	ND<5	NA	NA	NA	NA	NA		NA	
S-5C	01/26/06	332.33		38.11	NM	294.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.91**	**41.2**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5C	04/24/06	332.33		30.61	NM	301.72	ND<50	**0.74**	ND<0.5	ND<0.5	ND<0.5	**1.93**	**17.8**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5C	07/12/06	332.33		30.07	NM	302.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.42**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5C	10/20/06	332.33		31.67	NM	300.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-5C	01/22/07	332.33		27.90	NM	304.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	**9 hi**	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-5C	04/13/07	332.33		24.90	NM	307.43	ND<50 k	**0.24 m**	ND<1	ND<1	ND<1	ND<1	**12**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	07/09/07	332.33		31.22	NM	301.11	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	**5.5 m**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	10/22/07	332.33		29.59	NM	302.74	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	**10**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	01/09/08	332.33		25.51	NM	306.82	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	**8.8 m**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	04/11/08	332.33		25.51	NM	306.82	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	07/29/08	332.33		32.48	NM	299.85	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	10/29/08	332.33		36.39	NM	295.94	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	01/21/09	332.33		32.20	NM	300.13	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	04/16/09	332.33		29.29	NM	303.04	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	07/09/09	332.33		34.51	NM	297.82	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-5C	01/11/10	332.33	NP	37.45	0.00	294.88	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-5C	07/06/10	332.33	NP	35.14	0.00	297.19	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	NA	NA	NA	ND<100			NA	
S-6	10/13/88	327.62		NG	NM	NM	**1100**	**13**	**1**	**42**	**33**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	01/31/89	327.62		NG	NM	NM	**340**	**3.8**	ND<1	**8**	**3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	03/07/89	327.62		NG	NM	NM	**190**	**3.8**	ND<1	**7**	**3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/26/89	327.62		NG	NM	NM	**480**	**15**	ND<1	**6**	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	09/08/89	327.62		NG	NM	NM	**270**	**1.3**	**1**	**7**	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	12/15/89	327.62		NG	NM	NM	**320**	**1**	ND<0.5	**2.6**	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	03/06/90	327.62		NG	NM	NM	**420**	**3.1**	ND<0.5	**14**	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/14/90	327.62		NG	NM	NM	**370**	**3.7**	**0.9**	**4.8**	**3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	10/02/90	327.62		NG	NM	NM	**190**	**6.6**	**1.6**	**1.9**	**2.8**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	12/18/90	327.62		NG	NM	NM	**430**	**10**	**0.7**	**1.6**	**1.5**	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-6	03/20/91	327.62		NG	NM	NM	**130 a**	**606**	**0.6**	**0.7**	**3**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/26/91	327.62		NG	NM	NM	**120 a**	**3.8**	**0.8**	ND<0.5	**1.7**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	09/05/91	327.62		NG	NM	NM	**60**	ND<0.5	**0.8**	ND<0.5	**0.5**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	12/13/91	327.62		15.11	NM	312.51	**150**	**2.3**	ND<0.5	ND<0.5	**150**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	03/11/92	327.62		16.35	NM	311.27	ND<30	ND<0.3	ND<0.3	ND<0.5	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/24/92	327.62		16.51	NM	311.11	**170**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	09/17/92	327.62		14.33	NM	313.29	**190**	ND<0.5	**1.6**	ND<0.5	**1.2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	12/11/92	327.62		14.48	NM	313.14	**180**	ND<0.5	**0.8**	ND<0.5	**0.7**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	02/04/93	327.62		NG	NM	NM	**290**	ND<0.5	ND<0.5	ND<0.5	**0.7**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/03/93	327.62		NG	NM	NM	**100**	**1.2**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	09/15/93	327.62		14.16	NM	313.46	**160**	**1.4**	ND<0.5	**0.9**	**2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	12/09/93	327.62		14.68	NM	312.94	**130**	**2.3**	**2.6**	**5.1**	**6.2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	03/04/94	327.62		14.42	NM	313.20	**220**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/16/94	327.62		14.92	NM	312.70	**60**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	09/13/94	327.62		14.72	NM	312.90	ND<50	ND<0.5	**6**	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/21/95	327.62		13.86	NM	313.76	**270**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-6	06/12/96	327.62		13.90	NM	313.72	**200**	**2**	ND<0.5	ND<0.5	ND<0.5	**12**	NA	NA	NA	NA	NA	NA		NA	
S-6	06/25/97	327.62		13.64	NM	313.98	**180**	ND<0.5	**0.61**	ND<0.5	**0.77**	**28**	NA	NA	NA	NA	NA	1.8		NA	
S-6	06/25/97	327.62		13.64	NM	313.98	**130**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**21**	NA	NA	NA	NA	NA	1.8		NA	Duplicate sample
S-6	06/19/98	327.62		13.81	NM	313.81	**100**	**7.6**	ND<0.5	ND<0.5	ND<0.5	**27**	NA	NA	NA	NA	NA	1.7		NA	
S-6	06/17/99	327.62		14.21	NM	313.41	**114**	**4.14**	ND<0.5	ND<0.5	ND<0.5	**19.9**	NA	NA	NA	NA	NA	1.6		NA	
S-6	06/15/00	327.62		14.51	NM	313.11	**367**	**17.5**	ND<0.5	ND<0.5	ND<0.5	**1050**	NA	NA	NA	NA	NA	1.8		NA	
S-6	11/29/00	327.62		14.32	NM	313.30	**154**	**0.754**	**16.4**	ND<0.5	**1.05**	**5470**	NA	NA	NA	NA	NA	2.1		NA	
S-6	03/07/01	327.62		15.39	NM	312.23	**183**	**0.971**	**25.1**	**0.636**	**0.996**	**6830**	NA	NA	NA	NA	NA	1.7		NA	
S-6	06/18/01	327.62		14.72	NM	312.90	ND<2000	ND<20	ND<20	ND<20	ND<20	**8200**	NA	NA	NA	NA	NA	NA		NA	
S-6	09/17/01	327.62		16.69	NM	310.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.7**	ND<50	ND<2	ND<2	ND<2	ND<500	NA		NA	ells S-6 and S-7 may have b
S-6	12/31/01	327.62		13.99	NM	313.63	**260**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**11000**	NA	NA	NA	NA	NA	NA		NA	
S-6	03/13/02	327.62		15.10	NM	312.52	**440**	ND<2.5	ND<2.5	ND<2.5	ND<2.5	**930**	NA	NA	NA	NA	NA	NA		NA	
S-6	06/18/02	327.62		15.24	NM	312.38	**340**	ND<1	ND<1	ND<1	ND<1	**560**	NA	NA	NA	NA	NA	NA		NA	
S-6	09/27/02	327.26		14.34	NM	312.92	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	**580**	NA	NA	NA	NA	NA	NA		NA	
S-6	12/27/02	327.26		14.30	NM	312.96	ND<500	ND<5	ND<5	ND<5	ND<5	**230**	**10000**	ND<5	ND<5	ND<5	NA	NA		ND<5	
S-6	03/24/03	327.26		14.37	NM	312.89	ND<5000	ND<50	ND<50	ND<50	ND<100	ND<500	NA	NA	NA	NA	NA	NA		NA	
S-6	05/09/03	327.26		14.25	NM	313.01	ND<2500	ND<25	ND<25	ND<25	ND<50	**140**	**12000**	NA	NA	NA	NA	NA		NA	
S-6	07/08/03	327.26		15.37	NM	311.89	ND<2500	ND<25	ND<25	ND<25	ND<50	**100**	**8400**	NA	NA	NA	NA	NA		NA	
S-6	10/15/03	327.26		17.69	NM	309.57	ND<1000	ND<10	ND<10	ND<10	ND<20	**63**	**10000**	NA	NA	NA	NA	NA		NA	
S-6	01/06/04	327.26		17.19	NM	310.07	ND<500	ND<5	ND<5	ND<5	ND<10	**27**	**7600**	NA	NA	NA	NA	NA		NA	
S-6	04/07/04	327.26		16.72	NM	310.54	ND<500	ND<5	ND<5	ND<5	ND<10	**15**	**2900**	NA	NA	NA	NA	NA		NA	
S-6	07/27/04	327.26		16.90	NM	310.36	**860 e**	ND<5	ND<5	ND<5	ND<10	**30**	**5700**	ND<20	ND<20	ND<20	ND<500	NA		NA	
S-6	10/29/04	327.26		16.68	NM	310.58	ND<500	ND<5	ND<5	ND<5	ND<10	**14**	**2500**	ND<20	ND<20	ND<20	ND<500	NA		NA	
S-6	01/06/05	327.26		16.75	NM	310.51	ND<200	ND<2	ND<2	ND<2	ND<4	**8.7**	**1200**	ND<8	ND<8	ND<8	NA	NA		NA	
S-6	04/14/05	327.26		15.30	NM	311.96	**180**	ND<0.9	ND<0.9	ND<0.9	ND<0.9	**11**	**2300**	ND<0.9	ND<0.9	ND<0.9	ND<9	NA		NA	
S-6	07/29/05	327.26		16.77	NM	310.49	**270 g**	ND<2.5	ND<2.5	ND<2.5	ND<5	**17**	**2300**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-6	10/20/05	327.26		17.30	NM	309.96	**570**	ND<2.5	ND<2.5	ND<2.5	ND<5	**7.1**	**1200**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-6	01/26/06	327.26		17.00	NM	310.26	**808**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.07**	**473**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-6	04/24/06	327.26		15.42	NM	311.84	**303**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4.03**	**212**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-6	07/12/06	327.26		15.15	NM	312.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**13.3**	**609**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-6	10/20/06	327.26		13.98	NM	313.28	**850**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**26.4**	**1050**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-6	01/22/07	327.26		14.14	NM	313.12	**620**	ND<2	ND<2	ND<2	ND<4	**30**	**2000**	ND<4	ND<4	ND<4	ND<600	NA		NA	
S-6	04/13/07	327.26		14.35	NM	312.91	**490 kl**	ND<2.5	ND<5	ND<5	ND<5	**21**	**1700**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	07/09/07	327.26		14.22	NM	313.04	**830 kl**	ND<0.5	ND<1	ND<1	ND<1	**29**	**2300**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-6	10/22/07	327.26		14.72	NM	312.54	**810 k**	ND<2.5	ND<5	ND<5	ND<5	**26**	**2300**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	01/09/08	327.26		14.97	NM	312.29	**220 k**	ND<2.5	ND<5	ND<5	ND<5	**15**	**1100**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	04/11/08	327.26		14.70	NM	312.56	**590**	ND<0.5	ND<1	ND<1	ND<1	**13**	**2000**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-6	07/29/08	327.26		15.84	NM	311.42	**1100**	ND<2.5	ND<5	ND<5	ND<5	**15**	**1700**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	10/29/08	327.26		16.29	NM	310.97	**1000**	ND<2.5	ND<5	ND<5	ND<5	**14**	**3200**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	01/21/09	327.26		15.80	NM	311.46	**600**	ND<2.5	ND<5	ND<5	ND<5	**8.1**	**1900**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	04/16/09	327.26		14.35	NM	312.91	**840**	ND<2.5	ND<5	ND<5	ND<5	**13**	**4000**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	07/09/09	327.26		15.02	NM	312.24	**970**	ND<2.5	ND<5	ND<5	ND<5	**17**	**7100**	ND<10	ND<10	ND<10	ND<500	NA		NA	
S-6	01/11/10	327.26	NP	14.61	0.00	312.65	**880**	ND<2.5	ND<5	ND<5	ND<5	**8.7**	**4400**	ND<10	ND<10	ND<10	ND<500			NA	
S-6	07/06/10	327.26	NP	14.41	0.00	312.85	**950**	ND<0.50	ND<1.0	ND<1.0	ND<1.0	**13**	**5200**	NA	NA	NA	ND<100			NA	
S-7	10/13/88	328.67		NG	NM	NM	ND<50	**0.6**	**1**	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	01/31/89	328.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	03/07/89	328.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/26/89	328.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	09/08/89	328.67		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	12/15/89	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	03/06/90	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/14/90	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	10/02/90	328.67		NG	NM	NM	ND<50	ND<0.5	**0.6**	ND<0.5	**0.9**	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	12/18/90	328.67		NG	NM	NM	ND<50	**0.5**	ND<0.5	ND<0.5	**0.86**	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	03/20/91	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/26/91	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	09/05/91	328.67		NG	NM	NM	ND<50	ND<0.5	**0.6**	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-7	12/13/91	328.67		17.70	NM	310.97	ND<50	ND<0.6	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	03/11/92	328.67		17.06	NM	311.61	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/24/92	328.67		17.80	NM	310.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	09/17/92	328.67		17.00	NM	311.67	ND<50	**0.6**	**0.6**	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	12/11/92	328.67		17.35	NM	311.32	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	02/04/93	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/03/93	328.67		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	09/15/93	328.67		16.65	NM	312.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	12/09/93	328.67		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	09/13/94	328.67		16.83	NM	311.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/21/95	328.67		15.88	NM	312.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-7	06/12/96	328.67		16.22	NM	312.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	NA		NA	
S-7	06/25/97	328.67		16.12	NM	312.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	3		NA	
S-7	06/19/98	328.67		14.81	NM	313.86	ND<50	ND<0.5	ND<0.05	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.6		NA	
S-7	06/17/99	328.67		15.91	NM	312.76	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	5.1		NA	
S-7	06/15/00	328.67		16.14	NM	312.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7.32**	NA	NA	NA	NA	NA	2		NA	
S-7	11/29/00	328.67		16.89	NM	311.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	3.6		NA	
S-7	03/07/01	328.67		16.55	NM	312.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.1		NA	
S-7	06/18/01	328.67		16.30	NM	312.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**2.5**	NA	NA	NA	NA	NA	NA		NA	
S-7	09/17/01	328.67		14.23	NM	314.44	**150**	ND<0.5	**55**	ND<0.5	ND<0.5	**8300**	NA	NA	NA	NA	NA	NA		NA	ells S-6 and S-7 may have b
S-7	12/31/01	328.67		16.28	NM	312.39	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-7	03/13/02	328.67		17.41	NM	311.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.9**	NA	NA	NA	NA	NA	NA		NA	
S-7	06/18/02	328.67		17.63	NM	311.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**12**	NA	NA	NA	NA	NA	NA		NA	
S-7	09/27/02	328.41		16.96	NM	311.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**	NA	NA	NA	NA	NA	NA		NA	
S-7	12/27/02	328.41		16.00	NM	312.41	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**22**	ND<50	ND<2	ND<2	ND<2	NA	NA		**4.1**	
S-7	03/24/03	328.41		17.12	NM	311.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**21**	NA	NA	NA	NA	NA	NA		NA	
S-7	05/09/03	328.41		16.14	NM	312.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**31**	**7.3**	NA	NA	NA	NA	NA		NA	
S-7	07/08/03	328.41		17.42	NM	310.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**36**	**6.5**	NA	NA	NA	NA	NA		NA	
S-7	10/15/03	328.41		15.49	NM	312.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**100**	ND<5	NA	NA	NA	NA	NA		NA	
S-7	01/06/04	328.41		18.93	NM	309.48	ND<100	ND<1	ND<1	ND<1	ND<2	**200**	**20**	NA	NA	NA	NA	NA		NA	
S-7	04/07/04	328.41		18.93	NM	309.48	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**380**	**130**	NA	NA	NA	NA	NA		NA	
S-7	07/27/04	328.41		18.91	NM	309.50	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**240**	**45**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-7	10/29/04	328.41		18.65	NM	309.76	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**270**	**52**	ND<10	ND<10	ND<10	ND<250	NA		NA	
S-7	01/06/05	328.41		18.52	NM	309.89	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**160**	ND<25	ND<10	ND<10	ND<10	NA	NA		NA	
S-7	04/14/05	328.41		16.22	NM	312.19	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**230**	**130**	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-7	07/29/05	328.41		18.57	NM	309.84	ND<2000	ND<20	ND<20	ND<20	ND<40	**170**	ND<200	ND<80	ND<80	ND<80	ND<2000	NA		NA	
S-7	10/20/05	328.41		19.25	NM	309.16	ND<100	ND<1	ND<1	ND<1	ND<2	**180**	**32**	ND<4	ND<4	ND<4	ND<100	NA		NA	
S-7	01/26/06	328.41		19.05	NM	309.36	**75.9**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**172**	**65.1**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-7	04/24/06	328.41		16.91	NM	311.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**199**	**22.6**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-7	07/12/06	328.41		16.42	NM	311.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**122**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-7	10/20/06	328.41		16.66	NM	311.75	**176**	ND<0.5	ND<0.5	ND<0.5	**0.72**	**73.5**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-7	01/22/07	328.41		17.24	NM	311.17	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**62**	**6.2 hi**	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-7	04/13/07	328.41		17.05	NM	311.36	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**6.5**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	07/09/07	328.41		16.52	NM	311.89	**52 kl**	ND<0.5	ND<1	ND<1	ND<1	**39**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	10/22/07	328.41		17.03	NM	311.38	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**33**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	01/09/08	328.41		17.00	NM	311.41	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**28**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	04/11/08	328.41		16.71	NM	311.70	**370**	ND<0.5	ND<1	**1.2**	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	07/29/08	328.41		17.35	NM	311.06	ND<50	ND<0.5	ND<1	ND<1	ND<1	**21**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	10/29/08	328.41		17.85	NM	310.56	ND<50	ND<0.5	ND<1	ND<1	ND<1	**18**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	01/21/09	328.41		17.41	NM	311.00	ND<50	ND<0.5	ND<1	ND<1	ND<1	**17**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	04/16/09	328.41		16.72	NM	311.69	ND<50	ND<0.5	ND<1	ND<1	ND<1	**19**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	07/09/09	328.41		17.91	NM	310.50	ND<50	ND<0.5	ND<1	ND<1	ND<1	**20**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-7	01/11/10	328.41	NP	17.41	0.00	311.00	ND<50	ND<0.5	ND<1	ND<1	ND<1	**13**	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-7	07/06/10	328.41	NP	17.11	0.00	311.30	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	**11**	ND<10	NA	NA	NA	ND<100			NA	
S-8	03/07/89	327.00		NG	NM	NM	ND<50	**1.2**	**1**	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/26/89	327.00		NG	NM	NM	ND<50	**0.8**	**1**	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	09/08/89	327.00		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	12/14/89	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	03/05/90	327.00		NG	NM	NM	ND<50	ND<0.5	**0.5**	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/14/90	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	10/02/90	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	12/18/90	327.00		NG	NM	NM	ND<50	**2.9**	**7**	**1**	**6.4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	03/20/91	327.00		NG	NM	NM	ND<50 a	**0.8**	**1.8**	**2.6**	**5.2**	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/26/91	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	09/05/91	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	12/13/91	327.00		15.73	NM	311.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	03/11/92	327.00		14.64	NM	312.36	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/24/92	327.00		15.77	NM	311.23	ND<50	**1.4**	**1.9**	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	09/17/92	327.00		15.37	NM	311.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	12/11/92	327.00		14.94	NM	312.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	02/04/93	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/03/93	327.00		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	09/15/93	327.00		14.91	NM	312.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-8	12/09/93	327.00		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	09/13/94	327.00		15.16	NM	311.84	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/21/95	327.00		14.11	NM	312.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-8	06/12/96	327.00		14.20	NM	312.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	NA		NA	
S-8	06/25/97	327.00		14.42	NM	312.58	**170**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	0.5		NA	
S-8	06/19/98	327.00		13.49	NM	313.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.2		NA	
S-8	06/17/99	327.00		14.07	NM	312.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	0.9		NA	
S-8	06/15/00	327.00		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Well inaccessible
S-8	06/21/00	327.00		14.43	NM	312.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**21**	NA	NA	NA	NA	NA	NA		NA	
S-8	11/29/00	327.00		14.44	NM	312.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**9.46**	NA	NA	NA	NA	NA	2.2		NA	
S-8	03/07/01	327.00		13.69	NM	313.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4.21**	NA	NA	NA	NA	NA	2.1		NA	
S-8	06/18/01	327.00		14.60	NM	312.40	ND<50	**0.55**	**0.92**	ND<0.5	**0.51**	**13**	NA	NA	NA	NA	NA	NA		NA	
S-8	09/17/01	327.00		15.07	NM	311.93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Unable to sample
S-8	09/18/01	327.00		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Unable to sample
S-8	12/31/01	327.00		14.02	NM	312.98	ND<50	**1.1**	**1.4**	ND<0.5	ND<0.5	**8.4**	NA	NA	NA	NA	NA	NA		NA	
S-8	03/13/02	327.00		14.92	NM	312.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Unable to sample
S-8	06/18/02	327.00		15.37	NM	311.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**19**	NA	NA	NA	NA	NA	NA		NA	
S-8	09/27/02	326.14		14.60	NM	311.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**19**	NA	NA	NA	NA	NA	NA		NA	
S-8	12/27/02	326.14		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Well inaccessible
S-8	01/07/03	326.14		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Well inaccessible
S-8	03/24/03	326.14		14.58	NM	311.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**25**	NA	NA	NA	NA	NA	NA		NA	
S-8	05/09/03	326.14		13.45	NM	312.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**24**	ND<5	NA	NA	NA	NA	NA		NA	
S-8	07/08/03	326.14		15.19	NM	310.95	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**46**	ND<5	NA	NA	NA	NA	NA		NA	
S-8	10/15/03	326.14		16.58	NM	309.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**42**	ND<5	NA	NA	NA	NA	NA		NA	
S-8	01/06/04	326.14		16.27	NM	309.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**50**	ND<5	NA	NA	NA	NA	NA		NA	
S-8	04/07/04	326.14		16.12	NM	310.02	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**33**	ND<5	NA	NA	NA	NA	NA		NA	
S-8	07/27/04	326.14		16.26	NM	309.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**18**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-8	10/29/04	326.14		15.93	NM	310.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**25**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-8	01/06/05	326.14		15.79	NM	310.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**21**	ND<5	ND<2	ND<2	ND<2	NA	NA		NA	
S-8	04/14/05	326.14		14.78	NM	311.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**11**	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-8	07/29/05	326.14		16.51	NM	309.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**13**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-8	10/20/05	326.14		17.38	NM	308.76	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**11**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-8	01/26/06	326.14		16.55	NM	309.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**9.65**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-8	04/24/06	326.14		14.18	NM	311.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.94**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-8	07/12/06	326.14		14.52	NM	311.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	**7**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-8	10/20/06	326.14		14.30	NM	311.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**8.54**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-8	01/22/07	326.14		15.07	NM	311.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**11**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-8	04/13/07	326.14		14.31	NM	311.83	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**9**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	07/09/07	326.14		14.38	NM	311.76	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**12**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	10/22/07	326.14		14.50	NM	311.64	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**22**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	01/09/08	326.14		13.88	NM	312.26	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**14**	ND<10	ND<2	ND<2	ND<2	**180**	NA		NA	
S-8	04/11/08	326.14		14.46	NM	311.68	**51**	ND<0.5	ND<1	ND<1	ND<1	**25**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	07/29/08	326.14		15.45	NM	310.69	ND<50	ND<0.5	ND<1	ND<1	ND<1	**14**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	10/29/08	326.14		15.69	NM	310.45	ND<50	ND<0.5	ND<1	ND<1	ND<1	**12**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	01/21/09	326.14		14.91	NM	311.23	ND<50	ND<0.5	ND<1	ND<1	ND<1	**8.7**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	04/16/09	326.14		14.95	NM	311.19	ND<50	ND<0.5	ND<1	ND<1	ND<1	**8.1**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	07/09/09	326.14		15.36	NM	310.78	ND<50	ND<0.5	ND<1	ND<1	ND<1	**9.7**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-8	01/11/10	326.14	NP	14.98	0.00	311.16	ND<50	ND<0.5	ND<1	ND<1	ND<1	**6.7**	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-8	07/06/10	326.14	NP	14.75	0.00	311.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS	Gauged only
S-9	03/07/89	328.24		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/07/89	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/26/89	328.24		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/26/89	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/08/89	328.24		NG	NM	NM	ND<50	**1.7**	**2**	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/08/89	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/15/89	328.24		NG	NM	NM	ND<50	**0.5**	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/15/89	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/06/90	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/06/90	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/14/90	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/14/90	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	10/02/90	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/02/90	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/18/90	328.24		NG	NM	NM	ND<50	**20**	**27**	**7.1**	**35**	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/18/90	328.24		NG	NM	NM	ND<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/20/91	328.24		NG	NM	NM	**70 a**	**0.7**	**0.7**	ND<0.5	**1**	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/26/91	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/05/91	328.24		NG	NM	NM	ND<50	ND<0.5	**0.8**	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/13/91	328.24		18.18	NM	310.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/11/92	328.24		17.37	NM	310.87	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/24/92	328.24		18.45	NM	309.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/17/92	328.24		17.88	NM	310.36	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/11/92	328.24		17.34	NM	310.90	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-9	02/04/93	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/03/93	328.24		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/15/93	328.24		17.42	NM	310.82	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	12/09/93	328.24		16.89	NM	311.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	03/04/94	328.24		17.22	NM	311.02	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/16/94	328.24		17.46	NM	310.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	09/13/94	328.24		17.59	NM	310.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/21/95	328.24		17.03	NM	311.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-9	06/12/96	328.24		16.76	NM	311.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	NA		NA	
S-9	06/25/97	328.24		16.89	NM	311.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**2.8**	NA	NA	NA	NA	NA	1		NA	
S-9	06/19/98	328.24		15.59	NM	312.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7.1**	NA	NA	NA	NA	NA	3.8		NA	
S-9	06/17/99	328.24		16.47	NM	311.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**15.3**	NA	NA	NA	NA	NA	1.9		NA	
S-9	06/15/00	328.24		16.11	NM	312.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**57.2**	NA	NA	NA	NA	NA	1.1		NA	
S-9	11/29/00	328.24		17.30	NM	310.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**76.5**	NA	NA	NA	NA	NA	1.1		NA	
S-9	03/07/01	328.24		19.42	NM	308.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**84.9**	NA	NA	NA	NA	NA	1.1		NA	
S-9	06/18/01	328.24		17.22	NM	311.02	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**86**	NA	NA	NA	NA	NA	NA		NA	
S-9	09/17/01	328.24		17.66	NM	310.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**130**	NA	NA	NA	NA	NA	NA		NA	
S-9	12/31/01	328.24		17.65	NM	310.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**120**	NA	NA	NA	NA	NA	NA		NA	
S-9	03/13/02	328.24		17.75	NM	310.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**130**	NA	NA	NA	NA	NA	NA		NA	
S-9	06/18/02	328.24		19.59	NM	308.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**160**	NA	NA	NA	NA	NA	NA		NA	
S-9	09/27/02	327.85		17.65	NM	310.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**180**	NA	NA	NA	NA	NA	NA		NA	
S-9	12/27/02	327.85		18.45	NM	309.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**180**	ND<50	ND<2	ND<2	ND<2	NA	NA		**2.8**	
S-9	03/24/03	327.85		17.97	NM	309.88	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**230**	NA	NA	NA	NA	NA	NA		NA	
S-9	05/09/03	327.85		17.68	NM	310.17	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**240**	ND<25	NA	NA	NA	NA	NA		NA	
S-9	07/08/03	327.85		17.65	NM	310.20	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**250**	ND<25	NA	NA	NA	NA	NA		NA	
S-9	10/15/03	327.85		19.49	NM	308.36	ND<100	ND<1	ND<1	ND<1	ND<2	**210**	ND<10	NA	NA	NA	NA	NA		NA	
S-9	01/06/04	327.85		20.51	NM	307.34	ND<100	ND<1	ND<1	ND<1	ND<2	**290**	ND<10	NA	NA	NA	NA	NA		NA	
S-9	04/07/04	327.85		20.02	NM	307.83	ND<100	ND<1	ND<1	ND<1	ND<2	**250**	ND<10	NA	NA	NA	NA	NA		NA	
S-9	07/27/04	327.85		19.89	NM	307.96	ND<250	ND<2.5	**9.1**	**2.7**	**9.8**	**270**	ND<25	ND<10	ND<10	ND<10	ND<10	ND<250		NA	
S-9	10/29/04	327.85		19.17	NM	308.68	ND<100	ND<1	ND<1	ND<1	ND<2	**240**	ND<10	ND<4	ND<4	ND<4	ND<100	NA		NA	
S-9	01/06/05	327.85		19.65	NM	308.20	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	**340**	ND<25	ND<10	ND<10	ND<10	NA	NA		NA	
S-9	04/14/05	327.85		17.38	NM	310.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**250**	ND<5	ND<0.5	ND<0.5	**1.4**	ND<5	NA		NA	
S-9	07/29/05	327.85		20.09	NM	307.76	ND<100	ND<1	ND<1	ND<1	ND<2	**250**	ND<10	ND<4	ND<4	ND<4	ND<100	NA		NA	
S-9	10/20/05	327.85		21.89	NM	305.96	ND<100	ND<1	ND<1	ND<1	ND<2	**200**	ND<10	ND<4	ND<4	ND<4	ND<100	NA		NA	
S-9	11/11/05	327.85		20.41	NM	307.44	ND<100	ND<1	ND<1	ND<1	ND<2	**220**	**25**	NA	NA	NA	NA	NA		NA	
S-9	01/26/06	327.85		20.56	NM	307.29	**55.7**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**174**	ND<10	ND<0.5	ND<0.5	**2.5**	ND<50	NA		NA	
S-9	04/24/06	327.85		18.39	NM	309.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**202**	ND<10	ND<0.5	ND<0.5	**2.29**	ND<50	NA		NA	
S-9	07/12/06	327.85		18.60	NM	309.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	**158**	ND<10	ND<0.5	ND<0.5	**2.06**	ND<50	NA		NA	
S-9	10/20/06	327.85		18.75	NM	309.10	**212**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**151**	ND<10	ND<0.5	ND<0.5	**1.25**	ND<50	NA		NA	
S-9	01/22/07	327.85		17.92	NM	309.93	**82 j**	ND<0.5	ND<0.5	ND<0.5	ND<1	**150**	**20 h**	ND<1	ND<1	**1.4**	ND<150	NA		NA	
S-9	04/13/07	327.85		18.14	NM	309.71	**70 kl**	ND<0.5	ND<1	ND<1	ND<1	**140**	**26**	ND<2	ND<2	**1 m**	ND<100	NA		NA	
S-9	07/09/07	327.85		18.37	NM	309.48	**70 kl**	ND<0.5	ND<1	ND<1	ND<1	**120**	ND<10	ND<2	ND<2	**1.2 m**	ND<100	NA		NA	
S-9	10/22/07	327.85		18.08	NM	309.77	**59 kl**	ND<0.5	ND<1	ND<1	ND<1	**110**	**8.2 m**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	01/09/08	327.85		17.20	NM	310.65	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**73**	ND<10	ND<2	ND<2	ND<2	**130**	NA		NA	
S-9	04/11/08	327.85		17.74	NM	310.11	**73**	ND<0.5	ND<1	ND<1	ND<1	**55**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	07/29/08	327.85		18.33	NM	309.52	**85**	ND<0.5	ND<1	ND<1	ND<1	**45**	ND<10	ND<2	ND<2	ND<2	**230**	NA		NA	
S-9	10/29/08	327.85		18.89	NM	308.96	**58**	ND<0.5	ND<1	ND<1	ND<1	**40**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	01/21/09	327.85		18.21	NM	309.64	**51**	ND<0.5	ND<1	ND<1	ND<1	**35**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	04/16/09	327.85		17.48	NM	310.37	ND<50	ND<0.5	ND<1	ND<1	ND<1	**27**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	07/09/09	327.85		18.60	NM	309.25	ND<50	ND<0.5	ND<1	ND<1	ND<1	**28**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9	01/11/10	327.85	NP	19.18	0.00	308.67	ND<50	ND<0.5	ND<1	ND<1	ND<1	**22**	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-9	07/06/10	327.85	NP	17.81	0.00	310.04	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	**16**	ND<10	NA	NA	NA	ND<100			NA	
S-9B	11/08/05	330.47		43.12	NM	287.35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9B	11/11/05	330.47		45.25	NM	285.22	ND<50	ND<0.5	**2**	ND<0.5	ND<1	**23**	ND<5	NA	NA	NA	NA	NA		NA	
S-9B	01/26/06	330.47		38.19	NM	292.28	ND<50	ND<0.5	**1.68**	ND<0.5	ND<0.5	**20.6**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9B	04/24/06	330.47		30.31	NM	300.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10.5**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9B	07/12/06	330.47		29.01	NM	301.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	**4.98**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9B	10/20/06	330.47		31.25	NM	299.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**5.89**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9B	01/22/07	330.47		26.78	NM	303.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**4.9**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-9B	04/13/07	330.47		23.51	NM	306.96	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**3.5**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	07/09/07	330.47		30.15	NM	300.32	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**3**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	10/22/07	330.47		28.44	NM	302.03	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**5.8**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	01/09/08	330.47		24.22	NM	306.25	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**2.9**	ND<10	ND<2	ND<2	ND<2	**190**	NA		NA	
S-9B	04/11/08	330.47		24.20	NM	306.27	ND<50	ND<0.5	ND<1	ND<1	ND<1	**3.1**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	07/29/08	330.47		31.69	NM	298.78	ND<50	ND<0.5	ND<1	ND<1	ND<1	**4.1**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	10/29/08	330.47		35.86	NM	294.61	ND<50	ND<0.5	ND<1	ND<1	ND<1	**4.1**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	01/21/09	330.47		31.31	NM	299.16	ND<50	ND<0.5	ND<1	ND<1	ND<1	**3.7**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	04/16/09	330.47		28.10	NM	302.37	ND<50	ND<0.5	ND<1	ND<1	ND<1	**3.1**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	07/09/09	330.47		33.76	NM	296.71	ND<50	ND<0.5	ND<1	ND<1	ND<1	**3.8**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9B	01/11/10	330.47	NP	36.93	0.00	293.54	ND<50	ND<0.5	ND<1	ND<1	ND<1	**4.7**	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-9B	07/06/10	330.47	NP	34.49	0.00	295.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-9C	11/08/05	330.77		40.80	NM	289.97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-9C	11/11/05	330.77		42.87	NM	287.90	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**10**	ND<5	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-9C	01/26/06	330.77		37.40	NM	293.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**7.05**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9C	04/24/06	330.77		28.04	NM	302.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**4.86**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9C	07/12/06	330.77		28.96	NM	301.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	**1.94**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9C	10/20/06	330.77		30.47	NM	300.30	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**1.06**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-9C	01/22/07	330.77		26.52	NM	304.25	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.64 i**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-9C	04/13/07	330.77		23.70	NM	307.07	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.54 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	07/09/07	330.77		30.28	NM	300.49	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.34 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	10/22/07	330.77		17.03	NM	313.74	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.33 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	01/09/08	330.77		24.20	NM	306.57	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	**150**	NA		NA	
S-9C	04/11/08	330.77		24.25	NM	306.52	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	07/29/08	330.77		31.55	NM	299.22	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	10/29/08	330.77		35.54	NM	295.23	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	01/21/09	330.77		31.11	NM	299.66	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	04/16/09	330.77		28.29	NM	302.48	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	07/09/09	330.77		33.62	NM	297.15	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-9C	01/11/10	330.77	NP	36.55	0.00	294.22	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-9C	07/06/10	330.77	NP	34.34	0.00	296.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-10	08/11/89	326.55		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	09/08/89	326.55		NG	NM	NM	ND<50	ND<0.5	ND<1	ND<1	ND<3	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	12/15/89	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	03/06/90	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/14/90	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	10/02/90	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	**1**	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	12/18/90	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	**1.4**	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	03/20/91	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/26/91	326.55		NG	NM	NM	**50**	**1.8**	**5.8**	**1.9**	**13**	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	09/05/91	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	12/13/91	326.55		14.77	NM	311.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	03/11/92	326.55		14.16	NM	312.39	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/24/92	326.55		14.83	NM	311.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	09/17/92	326.55		13.85	NM	312.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	12/11/92	326.55		13.90	NM	312.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	02/04/93	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/03/93	326.55		NG	NM	NM	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	09/15/93	326.55		13.66	NM	312.89	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	12/09/93	326.55		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	09/13/94	326.55		13.84	NM	312.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/21/95	326.55		13.08	NM	313.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-10	06/12/96	326.55		13.34	NM	313.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	NA		NA	
S-10	06/25/97	326.55		13.28	NM	313.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**2.8**	NA	NA	NA	NA	NA	2.4		NA	
S-10	06/19/98	326.55		12.41	NM	314.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	1.8		NA	
S-10	06/17/99	326.55		12.81	NM	313.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	2		NA	
S-10	06/15/00	326.55		13.27	NM	313.28	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.1		NA	
S-10	11/29/00	326.55		13.98	NM	312.57	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.4		NA	
S-10	03/07/01	326.55		13.40	NM	313.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	NA	NA	NA	NA	NA	2.5		NA	
S-10	06/18/01	326.55		13.29	NM	313.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**3.7**	NA	NA	NA	NA	NA	NA		NA	
S-10	09/17/01	326.55		13.61	NM	312.94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	12/31/01	326.55		13.48	NM	313.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	03/13/02	326.55		14.66	NM	311.89	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	06/18/02	326.55		14.59	NM	311.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	09/27/02	325.87		13.21	NM	312.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	12/27/02	325.87		13.50	NM	312.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	ND<2	ND<2	ND<2	NA	NA		ND<2	
S-10	03/24/03	325.87		16.60	NM	309.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-10	05/09/03	325.87		13.07	NM	312.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.7**	ND<5	NA	NA	NA	NA	NA		NA	
S-10	07/08/03	325.87		14.10	NM	311.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.7**	ND<5	NA	NA	NA	NA	NA		NA	
S-10	10/15/03	325.87		14.75	NM	311.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.69**	ND<5	NA	NA	NA	NA	NA		NA	
S-10	01/06/04	325.87		15.28	NM	310.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.51**	ND<5	NA	NA	NA	NA	NA		NA	
S-10	04/07/04	325.87		15.39	NM	310.48	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-10	07/27/04	325.87		15.25	NM	310.62	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-10	10/29/04	325.87		15.23	NM	310.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-10	01/06/05	325.87		15.47	NM	310.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	NA	NA		NA	
S-10	04/14/05	325.87		13.24	NM	312.63	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-10	07/29/05	325.87		15.08	NM	310.79	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-10	10/20/05	325.87		15.45	NM	310.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-10	01/26/06	325.87		14.85	NM	311.02	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-10	04/24/06	325.87		13.90	NM	311.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-10	07/12/06	325.87		13.00	NM	312.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-10	10/20/06	325.87		13.15	NM	312.72	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-10	01/22/07	325.87		14.45	NM	311.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<1	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-10	04/13/07	325.87		15.49	NM	310.38	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	07/09/07	325.87		14.00	NM	311.87	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	10/22/07	325.87		14.11	NM	311.76	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	01/09/08	325.87		14.08	NM	311.79	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-10	04/11/08	325.87		14.38	NM	311.49	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	07/29/08	325.87		14.50	NM	311.37	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	**14**	ND<2	ND<2	ND<2	**320**	NA		NA	
S-10	10/29/08	325.87		14.80	NM	311.07	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	01/21/09	325.87		14.53	NM	311.34	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	04/16/09	325.87		13.92	NM	311.95	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	07/09/09	325.87		14.84	NM	311.03	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-10	01/11/10	325.87	NP	14.35	0.00	311.52	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-10	07/06/10	325.87	NP	14.40	0.00	311.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-11	09/23/02	327.48		16.93	NM	310.55	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-11	09/27/02	327.48		16.95	NM	310.53	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-11	12/27/02	327.48		16.40	NM	311.08	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	ND<2	ND<2	ND<2	NA	NA		ND<2	
S-11	03/24/03	327.48		17.25	NM	310.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-11	05/09/03	327.48		16.37	NM	311.11	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.54**	ND<5	NA	NA	NA	NA	NA		NA	
S-11	07/08/03	327.48		17.17	NM	310.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-11	10/15/03	327.48		18.01	NM	309.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-11	01/06/04	327.48		18.25	NM	309.23	ND<50	ND<0.5	**1.4**	ND<0.5	ND<1	**1.1**	ND<5	NA	NA	NA	NA	NA		NA	
S-11	04/07/04	327.48		18.48	NM	309.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.4**	ND<5	NA	NA	NA	NA	NA		NA	
S-11	07/27/04	327.48		18.49	NM	308.99	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**2.3**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-11	10/29/04	327.48		18.22	NM	309.26	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**9.7**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-11	01/06/05	327.48		18.07	NM	309.41	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**15**	ND<5	ND<2	ND<2	ND<2	NA	NA		NA	
S-11	04/14/05	327.48		16.28	NM	311.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**10**	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-11	07/29/05	327.48		17.98	NM	309.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**19**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-11	10/20/05	327.48		18.45	NM	309.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**24**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-11	01/26/06	327.48		18.50	NM	308.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**27.7**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-11	04/24/06	327.48		16.61	NM	310.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**41**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-11	07/12/06	327.48		16.44	NM	311.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	**33.3**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-11	10/20/06	327.48		16.61	NM	310.87	**53.5**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**38.2**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-11	01/22/07	327.48		17.27	NM	310.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**61**	**6.1 hi**	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-11	04/13/07	327.48		6.88	NM	320.60	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**60**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	07/09/07	327.48		16.84	NM	310.64	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**59**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	10/22/07	327.48		17.11	NM	310.37	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**60**	**6.2 m**	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	01/09/08	327.48		16.85	NM	310.63	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**52**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	04/11/08	327.48		16.78	NM	310.70	ND<50	ND<0.5	ND<1	ND<1	ND<1	**36**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	07/29/08	327.48		17.31	NM	310.17	**58**	ND<0.5	ND<1	ND<1	ND<1	**31**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	10/29/08	327.48		17.85	NM	309.63	ND<50	ND<0.5	ND<1	ND<1	ND<1	**22**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	01/21/09	327.48		17.66	NM	309.82	ND<50	ND<0.5	ND<1	ND<1	ND<1	**20**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	04/16/09	327.48		16.93	NM	310.55	ND<50	ND<0.5	ND<1	ND<1	ND<1	**20**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	07/09/09	327.48		17.74	NM	309.74	ND<50	ND<0.5	ND<1	ND<1	ND<1	**17**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-11	01/11/10	327.48	NP	17.61	0.00	309.87	ND<50	ND<0.5	ND<1	ND<1	ND<1	**13**	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-11	07/06/10	327.48	NP	17.17	0.00	310.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-12	09/23/02	322.76		14.74	NM	308.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-12	09/27/02	322.76		17.95	NM	304.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-12	12/27/02	322.76		16.92	NM	305.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	ND<50	ND<2	ND<2	ND<2	NA	NA		ND<2	
S-12	03/24/03	322.76		16.53	NM	306.23	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<5	NA	NA	NA	NA	NA	NA		NA	
S-12	05/09/03	322.76		17.73	NM	305.03	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.5**	ND<5	NA	NA	NA	NA	NA		NA	
S-12	07/08/03	322.76		17.18	NM	305.58	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.2**	ND<5	NA	NA	NA	NA	NA		NA	
S-12	10/15/03	322.76		17.54	NM	305.22	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.1**	ND<5	NA	NA	NA	NA	NA		NA	
S-12	01/06/04	322.76		17.45	NM	305.31	ND<50	ND<0.5	**1.1**	ND<0.5	ND<1	**1.1**	ND<5	NA	NA	NA	NA	NA		NA	
S-12	04/07/04	322.76		16.85	NM	305.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.76**	ND<5	NA	NA	NA	NA	NA		NA	
S-12	07/27/04	322.76		17.89	NM	304.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.65**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-12	10/29/04	322.76		17.84	NM	304.92	ND<50 f	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.3**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-12	01/06/05	322.76		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-12	04/14/05	322.76		15.98	NM	306.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.79**	ND<5	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
S-12	07/29/05	322.76		17.32	NM	305.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.69**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-12	10/20/05	322.76		16.58	NM	306.18	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.66**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
S-12	01/26/06	322.76		15.94	NM	306.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-12	04/24/06	322.76		17.31	NM	305.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.74**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-12	07/12/06	322.76		16.70	NM	306.06	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-12	10/20/06	322.76		17.63	NM	305.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	**0.52**	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-12	01/22/07	322.76		17.05	NM	305.71	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	**0.7**	ND<10	ND<1	ND<1	ND<1	ND<150	NA		NA	
S-12	04/13/07	322.76		17.12	NM	305.64	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.7**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	07/09/07	322.76		16.85	NM	305.91	**51 kl**	ND<0.5	ND<1	ND<1	ND<1	**0.59 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	10/22/07	322.76		16.40	NM	306.36	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.92**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	01/09/08	322.76		16.50	NM	306.26	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	**0.67 m**	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	04/11/08	322.76		16.30	NM	306.46	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	07/29/08	322.76		17.00	NM	305.76	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	**140**	NA		NA	
S-12	10/29/08	322.76		17.61	NM	305.15	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	01/21/09	322.76		17.59	NM	305.17	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	04/16/09	322.76		16.74	NM	306.02	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	07/09/09	322.76		17.25	NM	305.51	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-12	01/11/10	322.76	NP	16.88	0.00	305.88	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-12	07/06/10	322.76	NP	17.65	0.00	305.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-14	11/08/05	324.90		17.45	NM	307.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
S-14	11/11/05	324.90		17.63	NM	307.27	ND<50 f	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<5	NA	NA	NA	NA	NA		NA	
S-14	04/24/06	324.90		15.56	NM	309.34	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-14	07/12/06	324.90		16.77	NM	308.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-14	10/20/06	324.90		17.26	NM	307.64	ND<50	**0.56**	**1.08**	ND<0.5	**0.63**	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-14	01/22/07	324.90		17.54	NM	307.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-14	04/13/07	324.90		17.10	NM	307.80	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	10/22/07	324.90		17.56	NM	307.34	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	01/09/08	324.90		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-14	04/11/08	324.90		17.23	NM	307.67	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	07/29/08	324.90		18.30	NM	306.60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-14	10/29/08	324.90		18.62	NM	306.28	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	04/16/09	324.90		17.40	NM	307.50	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	07/09/09	324.90		18.46	NM	306.44	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-14	01/11/10	324.90	NP	18.45	0.00	306.45	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100			NA	
S-14	07/06/10	324.90	NP	18.62	0.00	306.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
S-15	04/24/06	0.00		24.00	NM	-24.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-15	07/12/06	0.00		23.85	NM	-23.85	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-15	10/20/06	0.00		23.87	NM	-23.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
S-15	01/22/07	0.00		26.03	NM	-26.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-15	04/13/07	0.00		24.29	NM	-24.29	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-15	10/22/07	0.00		24.34	NM	-24.34	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-15	01/09/08	0.00		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-15	04/11/08	0.00		23.90	NM	-23.90	ND<50	ND<0.5	ND<1	ND<1	ND<1	ND<1	ND<10	ND<2	ND<2	ND<2	ND<100	NA		NA	
S-15	07/29/08	0.00		23.91	NM	-23.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-15	10/29/08	0.00		24.02	NM	-24.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
S-15	04/16/09	0.00		24.42	NM	-24.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Insufficient water
S-15	07/09/09	0.00		23.98	NM	-23.98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Insufficient water
S-15	01/11/10	0.00	NP	23.91	0.00	-23.91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			NA	Insufficient water
S-15	07/06/10	0.00	NP	23.90	0.00	-23.90	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
SR-1	10/11/89	329.78		NG	NM	NM	**200**	**100**	ND<1	ND<10	**10**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	12/14/89	329.78		NG	NM	NM	**500**	**210**	ND<0.5	**16**	**16**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	03/05/90	329.78		NG	NM	NM	**64**	**20**	ND<0.5	**1.5**	**4**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	06/14/90	329.78		NG	NM	NM	**60**	**17**	ND<0.5	**1.9**	**1**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	10/02/90	329.78		NG	NM	NM	ND<50	**5**	ND<0.5	ND<0.5	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	12/18/90	329.78		NG	NM	NM	ND<50	**28**	**5.5**	**4.5**	**4.5**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	03/04/94	329.78		16.34	NM	313.44	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	06/16/94	329.78		16.72	NM	313.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	12/31/01	329.78		15.31	NM	314.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	03/11/02	329.13		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Survey date only.
SR-1	09/22/03	328.33		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Survey date only.
SR-1	04/07/04	328.33		30.79	NM	297.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	07/27/04	328.33		30.72	NM	297.61	ND<500	ND<5	ND<5	ND<5	**11**	**44**	**3000**	ND<20	ND<20	ND<20	ND<500	NA		NA	
SR-1	08/04/04	328.33		30.77	NM	297.56	**62**	ND<0.5	ND<0.5	**2.6**	**13**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-1	10/29/04	328.33		30.85	NM	297.48	ND<500	ND<5	ND<5	ND<5	ND<10	**11**	**1400**	ND<20	ND<20	ND<20	ND<500	NA		NA	
SR-1	01/06/05	328.33		30.92	NM	297.41	ND<250	ND<2.5	ND<2.5	**6.8**	**31**	**20**	**2800**	ND<10	ND<10	ND<10	NA	NA		NA	
SR-1	04/14/05	328.33		30.73	NM	297.60	**170**	**12**	ND<0.9	**11**	**1.5**	**190**	**2200**	ND<0.9	ND<0.9	ND<0.9	ND<9	NA		NA	
SR-1	07/29/05	328.33		24.53	NM	303.80	ND<100	ND<1	ND<1	ND<1	**3.7**	**7.6**	**1500**	ND<4	ND<4	ND<4	ND<100	NA		NA	
SR-1	10/20/05	328.33		31.00	NM	297.33	**190**	ND<1	ND<1	**5.4**	**35**	**4.3**	**1200**	ND<4	ND<4	ND<4	ND<100	NA		NA	
SR-1	01/26/06	328.33		30.89	NM	297.44	ND<50	**4.65**	ND<0.5	**1.79**	**18.8**	**4.25**	**556**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-1	04/24/06	328.33		14.94	NM	313.39	ND<50	**2.76**	ND<0.5	**1.36**	ND<0.5	**42.8**	**180**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-1	07/12/06	328.33		14.71	NM	313.62	ND<50	**0.95**	ND<0.5	ND<0.5	ND<1.5	**3.24**	**171**	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-1	10/20/06	328.33		15.84	NM	312.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<10	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-1	01/22/07	328.33		15.25	NM	313.08	ND<50	**0.48 i**	ND<0.5	**0.6**	ND<1	**0.7**	**46**	ND<1	ND<1	ND<1	ND<150	NA		NA	
SR-1	04/13/07	328.33		14.78	NM	313.55	**61 k**	**0.43 m**	ND<1	**0.26 m**	ND<1	**9.4**	**62**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	07/09/07	328.33		14.44	NM	313.89	ND<50 k	**0.44 m**	ND<1	**0.69 m**	ND<1	**3.5**	**19**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	10/22/07	328.33		15.31	NM	313.02	ND<50 k	ND<0.5	ND<1	**0.56 m**	ND<1	**9.6**	**31**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	01/09/08	328.33		14.39	NM	313.94	**53 k**	ND<0.5	ND<1	**3.5**	**2.6**	**5.6**	**12**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	04/11/08	328.33		15.00	NM	313.33	ND<50	ND<0.5	ND<1	ND<1	ND<1	**4.7**	**16**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	07/29/08	328.33		15.70	NM	312.63	**100**	ND<0.5	ND<1	**1.7**	ND<1	**4.4**	**23**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	10/29/08	328.33		16.05	NM	312.28	**54**	ND<0.5	ND<1	ND<1	ND<1	**8.3**	**61**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	01/21/09	328.33		15.02	NM	313.31	**68**	ND<0.5	ND<1	ND<1	ND<1	**26**	**310**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	04/16/09	328.33		14.69	NM	313.64	**62**	ND<0.5	ND<1	ND<1	ND<1	**8**	**38**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	07/09/09	328.33		15.91	NM	312.42	**87**	ND<0.5	ND<1	ND<1	ND<1	**26**	**150**	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-1	01/11/10	328.33	NP	15.25	0.00	313.08	ND<50	ND<0.5	ND<1	ND<1	ND<1	**12**	**230**	ND<2	ND<2	ND<2	ND<100			NA	
SR-1	07/06/10	328.33	NP	15.28	0.00	313.05	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	**15**	**300**	NA	NA	NA	ND<100			NA	
SR-2	10/11/89	328.35		NG	NM	NM	**880**	ND<10	**1**	**29**	**33**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	12/14/89	328.35		NG	NM	NM	**1100**	**17**	ND<0.5	**100**	**67**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	03/05/90	328.35		NG	NM	NM	**140**	**3**	ND<0.5	**12**	**7**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	06/14/90	328.35		NG	NM	NM	ND<50	ND<0.5	ND<0.5	**2.6**	ND<1	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	10/02/90	328.35		NG	NM	NM	ND<50	ND<0.5	ND<0.5	**0.5**	ND<0.5	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	12/18/90	328.35		NG	NM	NM	ND<50	**1.6**	**1.4**	**1.6**	**2.7**	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	03/04/94	328.35		14.39	NM	313.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	06/16/94	328.35		14.48	NM	313.87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
SR-2	12/31/01	328.35		13.62	NM	314.73	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-2	09/27/02	327.91		14.20	NM	313.71	ND<1000	ND<10	ND<10	ND<10	ND<10	5000	NA	NA	NA	NA	NA	NA		NA	
SR-2	12/27/02	327.91		13.33	NM	314.58	ND<1000	ND<10	ND<10	ND<10	ND<10	4800	1600	ND<10	ND<10	ND<10	NA	NA		ND<10	SPH<10
SR-2	03/24/03	327.91		13.75	NM	314.16	ND<5000	ND<50	ND<50	ND<50	ND<100	10000	NA	NA	NA	NA	NA	NA		NA	
SR-2	05/09/03	327.91		13.40	NM	314.51	ND<5000	ND<50	ND<50	80	290	13000	6100	NA	NA	NA	NA	NA		NA	
SR-2	07/08/03	327.31		30.48	NM	296.83	ND<5000	ND<50	ND<50	ND<50	ND<100	12000	4800	NA	NA	NA	NA	NA		NA	
SR-2	10/15/03	327.31		15.38	NM	311.93	ND<500	ND<5	ND<5	ND<5	20	1200	9800	NA	NA	NA	NA	NA		NA	
SR-2	01/06/04	327.31		31.47	NM	295.84	ND<1300	ND<13	ND<13	ND<13	ND<25	500	17000	NA	NA	NA	NA	NA		NA	
SR-2	04/07/04	327.31		31.54	NM	295.77	ND<1300	ND<13	ND<13	ND<13	ND<25	280	10000	NA	NA	NA	NA	NA		NA	
SR-2	07/27/04	327.31		31.35	NM	295.96	ND<1300	ND<13	ND<13	ND<13	ND<25	63	9500	ND<50	ND<50	ND<50	ND<1300	NA		NA	
SR-2	10/29/04	327.31		30.50	NM	296.81	ND<1300	ND<13	ND<13	ND<13	ND<25	47	7600	ND<50	ND<50	ND<50	ND<1300	NA		NA	
SR-2	01/06/05	327.31		31.38	NM	295.93	ND<1300	ND<13	ND<13	ND<13	ND<25	23	6000	ND<50	ND<50	ND<50	NA	NA		NA	
SR-2	04/14/05	327.31		31.28	NM	296.03	ND<150	ND<1.5	ND<1.5	ND<1.5	1.7	27	6300	ND<1.5	ND<1.5	ND<1.5	ND<15	NA		NA	
SR-2	07/29/05	327.31		22.71	NM	304.60	ND<500	ND<5	ND<5	ND<5	ND<10	14	5400	ND<20	ND<20	ND<20	ND<500	NA		NA	
SR-2	10/20/05	327.31		31.31	NM	296.00	ND<500	ND<5	ND<5	ND<5	ND<10	ND<5	3600	ND<20	ND<20	ND<20	ND<500	NA		NA	
SR-2	01/26/06	327.31		31.60	NM	295.71	ND<50	ND<0.5	ND<0.5	1.56	7.72	6.37	1620	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-2	04/24/06	327.31		12.86	NM	314.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13.1	544	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-2	07/12/06	327.31		12.65	NM	314.66	ND<50	0.95	ND<0.5	ND<0.5	ND<1.5	3	941	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-2	10/20/06	327.31		14.10	NM	313.21	96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9.56	881	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-2	01/22/07	327.31		13.47	NM	313.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	2.8	1100	ND<1	ND<1	ND<1	ND<150	NA		NA	
SR-2	04/13/07	327.31		12.89	NM	314.42	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	6.9	520	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	07/09/07	327.31		12.03	NM	315.28	58 kl	0.14 m	ND<1	ND<1	ND<1	21	720	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	10/22/07	327.31		13.51	NM	313.80	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	2	69	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	01/09/08	327.31		13.63	NM	313.68	ND<50 k	0.17 M	ND<1	ND<1	ND<1	8.7	100	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	04/11/08	327.31		13.21	NM	314.10	ND<50	ND<0.5	ND<1	ND<1	ND<1	8.3	280	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	07/29/08	327.31		14.81	NM	312.50	ND<50	ND<0.5	ND<1	ND<1	ND<1	1.2	22	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	10/29/08	327.31		15.10	NM	312.21	ND<50	ND<0.5	ND<1	ND<1	ND<1	1.6	21	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	01/21/09	327.31		12.79	NM	314.52	ND<50	ND<0.5	ND<1	ND<1	ND<1	1.6	70	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	04/16/09	327.31		12.64	NM	314.67	ND<50	ND<0.5	ND<1	ND<1	ND<1	2.3	73	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	07/09/09	327.31		14.07	NM	313.24	ND<50	ND<0.5	ND<1	ND<1	ND<1	4	63	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-2	01/11/10	327.31	NP	13.04	0.00	314.27	83	ND<0.5	ND<1	ND<1	ND<1	4.8	220	ND<2	ND<2	ND<2	ND<100			NA	
SR-2	07/06/10	327.31	NP	13.19	0.00	314.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	Gauged only
SR-3	12/11/89	329.11		NG	NM	NM	500	92	10	43	100	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	12/14/89	329.11		NG	NM	NM	2400	310	27	170	340	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	03/05/90	329.11		NG	NM	NM	70	15	0.8	5.8	10	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	06/14/90	329.11		NG	NM	NM	470	59	2.3	35	50	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	10/02/90	329.11		NG	NM	NM	1700	91	6.2	7	100	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	12/18/90	329.11		NG	NM	NM	140	10	0.8	7.5	14	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	03/04/94	329.11		14.66	NM	314.45	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	06/16/94	329.11		14.96	NM	314.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	12/31/01	329.11		13.60	NM	315.51	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	
SR-3	09/27/02	328.65		14.75	NM	313.90	ND<2500	ND<25	ND<25	ND<25	ND<25	11000	NA	NA	NA	NA	NA	NA		NA	
SR-3	12/27/02	328.65		13.65	NM	315.00	ND<2000	ND<20	ND<20	ND<20	ND<20	5100	4600	ND<20	ND<20	ND<20	NA	NA		ND<20	
SR-3	03/24/03	328.65		13.52	NM	315.13	ND<2500	ND<25	ND<25	ND<25	ND<50	3700	NA	NA	NA	NA	NA	NA		NA	
SR-3	05/09/03	328.65		12.15	NM	316.50	ND<1000	15	ND<10	19	48	3700	8400	NA	NA	NA	NA	NA		NA	
SR-3	07/08/03	327.50		30.00	NM	297.50	ND<1000	ND<10	ND<10	ND<10	ND<20	2800	8300	NA	NA	NA	NA	NA		NA	
SR-3	10/15/03	327.50		15.39	NM	312.11	310	3.2	ND<2.5	9.1	30	240	3600	NA	NA	NA	NA	NA		NA	
SR-3	01/06/04	327.50		30.29	NM	297.21	ND<500	ND<5	ND<5	ND<5	ND<10	26	3300	NA	NA	NA	NA	NA		NA	
SR-3	04/07/04	327.50		15.49	NM	312.01	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	4.4	370	NA	NA	NA	NA	NA		NA	
SR-3	07/27/04	327.50		15.34	NM	312.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	9	390	ND<2	ND<2	ND<2	ND<50	NA		NA	
SR-3	10/29/04	327.50		15.22	NM	312.28	ND<100	ND<1	ND<1	ND<1	ND<2	15	780	ND<4	ND<4	ND<4	ND<100	NA		NA	
SR-3	01/06/05	327.50		15.08	NM	312.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	6.3	250	ND<2	ND<2	ND<2	NA	NA		NA	
SR-3	04/14/05	327.50		30.53	NM	296.97	58	0.76	ND<0.5	1.5	ND<0.5	46	2200	ND<0.5	ND<0.5	ND<0.5	ND<5	NA		NA	
SR-3	07/29/05	327.50		21.81	NM	305.69	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	6.7	490	ND<2	ND<2	ND<2	ND<50	NA		NA	
SR-3	10/20/05	327.50		29.19	NM	298.31	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	3.3	76	ND<2	ND<2	ND<2	ND<50	NA		NA	
SR-3	01/26/06	327.50		31.00	NM	296.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.34	84.9	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-3	04/24/06	327.50		12.42	NM	315.08	ND<50	1.67	ND<0.5	0.64	ND<0.5	36.4	315	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-3	07/12/06	327.50		12.75	NM	314.75	ND<50	0.95	ND<0.5	ND<0.5	ND<1.5	9.73	724	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-3	10/20/06	327.50		13.93	NM	313.57	73.3	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.64	847	ND<0.5	ND<0.5	ND<0.5	ND<50	NA		NA	
SR-3	01/22/07	327.50		13.31	NM	314.19	56	ND<2	ND<2	ND<2	ND<4	5.6	1300	ND<4	ND<4	ND<4	ND<600	NA		NA	
SR-3	04/13/07	327.50		13.61	NM	313.89	66 kl	ND<5	ND<10	ND<10	ND<10	16	2400	ND<20	ND<20	ND<20	ND<1000	NA		NA	
SR-3	07/09/07	327.50		11.87	NM	315.63	150 kl	0.97	ND<1	0.33 m	ND<1	19	1300	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	10/22/07	327.50		13.40	NM	314.10	51 k	ND<0.5	ND<1	ND<1	ND<1	8.3	950	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	01/09/08	327.50		13.61	NM	313.89	ND<50 k	ND<0.5	ND<1	ND<1	ND<1	5.2	610	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	04/11/08	327.50		14.11	NM	313.39	66	ND<0.5	ND<1	ND<1	ND<1	9.3	830	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	07/29/08	327.50		14.85	NM	312.65	60	ND<0.5	ND<1	ND<1	ND<1	7.1	570	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	10/29/08	327.50		14.94	NM	312.56	52	ND<0.5	ND<1	ND<1	ND<1	4.6	390	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	01/21/09	327.50		12.47	NM	315.03	320	4	ND<1	1.8	ND<1	11	760	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	04/16/09	327.50		12.49	NM	315.01	80	0.59	ND<1	ND<1	ND<1	5.8	320	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	07/09/09	327.50		13.87	NM	313.63	54	ND<0.5	ND<1	ND<1	ND<1	4.5	250	ND<2	ND<2	ND<2	ND<100	NA		NA	
SR-3	01/11/10	327.50	NP	12.73	0.00	314.77	190	1.7	ND<1	ND<1	ND<1	7.2	390	ND<2	ND<2	ND<2	ND<100			NA	
SR-3	07/06/10	327.50	NP	13.14	0.00	314.36	100	ND<0.50	ND<1.0	ND<1.0	ND<1.0	2.3	110	NA	NA	NA	ND<100			NA	
T-1	06/18/02	0.00		12.31	NM	-12.31	ND<5000	ND<50	ND<50	ND<50	ND<50	20000	NA	NA	NA	NA	NA	NA		NA	

TABLE 1
HISTORICAL GROUNDWATER GAUGING AND ANALYTICAL DATA
3790 Hopyard Road, Pleasanton, California

WELL ID	DATE MEAS	TOC ELEV (feet)	DT SPH (feet)	DTW (feet)	SPH THICK (feet)	GW ELEV (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYLBENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (mg/l)	ORP (mV)	1,2-Dichloroethane (ug/L)	COMMENTS
T-2	09/17/01	0.00		11.48	NM	-11.48	ND<5000	ND<25	ND<25	ND<25	ND<25	**29000**	NA	NA	NA	NA	NA	NA		NA	
T-2	12/31/01	0.00		4.96	NM	-4.96	ND<5000	ND<50	ND<50	ND<50	ND<50	**31000**	NA	NA	NA	NA	NA	NA		NA	
T-2	03/13/02	0.00		9.76	NM	-9.76	ND<5000	ND<50	ND<50	ND<50	ND<50	**48000**	NA	NA	NA	NA	NA	NA		NA	
T-2	06/18/02	0.00		12.58	NM	-12.58	ND<20000	ND<200	ND<200	ND<200	ND<200	**100000**	NA	NA	NA	NA	NA	NA		NA	
T-2	09/27/02	0.00		8.15	NM	-8.15	**240**	**0.55**	**2.8**	**1.8**	**2.6**	**39**	NA	NA	NA	NA	NA	NA		NA	
T-2	12/27/02	0.00		6.75	NM	-6.75	**2100**	**7.8**	**17**	ND<0.5	**11**	**790**	**1200**	ND<2	ND<2	**2.7**	NA	NA		ND<2	
T-2	03/24/03	0.00		11.68	NM	-11.68	**550**	ND<2.5	ND<2.5	ND<2.5	ND<5	**310**	NA	NA	NA	NA	NA	NA		NA	
T-2	05/09/03	0.00		6.40	NM	-6.40	**220**	**0.66**	**0.55**	ND<0.5	**1.8**	**100**	**92**	NA	NA	NA	NA	NA		NA	
T-2	07/08/03	0.00		8.16	NM	-8.16	ND<500	**13**	**7.4**	ND<5	**22**	**990**	**120**	NA	NA	NA	NA	NA		NA	
T-2	10/15/03	0.00		11.15	NM	-11.15	**220 e**	ND<0.5	ND<0.5	ND<0.5	ND<1	**13**	**23**	NA	NA	NA	NA	NA		NA	
T-2	01/06/04	0.00		9.10	NM	-9.10	**710**	ND<0.5	ND<0.5	ND<0.5	**1.2**	**14**	**9.2**	NA	NA	NA	NA	NA		NA	
T-2	04/07/04	0.00		10.54	NM	-10.54	**570 e**	**5.4**	ND<0.5	ND<0.5	**1.2**	**5.6**	**11**	NA	NA	NA	NA	NA		NA	
T-2	07/27/04	0.00		9.89	NM	-9.89	**270**	**17**	**1.2**	ND<0.5	**2**	**2.9**	**7.9**	ND<2	ND<2	ND<2	ND<50	NA		NA	
T-2	10/29/04	0.00		9.42	NM	-9.42	**180**	ND<0.5	ND<0.5	ND<0.5	ND<1	**4.2**	**23**	ND<2	ND<2	ND<2	ND<50	NA		NA	
T-2	01/06/05	0.00		7.98	NM	-7.98	**1100**	**0.83**	ND<0.5	ND<0.5	**3.5**	**3**	**12**	ND<2	ND<2	ND<2	NA	NA		NA	
T-3	06/18/02	0.00		NG	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA	Dry
T-4	06/18/02	0.00		13.50	NM	-13.50	ND<10000	ND<100	ND<100	ND<100	ND<200	**97000**	NA	NA	NA	NA	NA	NA		NA	
T-4	12/27/02	0.00		7.65	NM	-7.65	**550**	**5.3**	**16**	**0.6**	**39**	**140**	**120**	ND<2	ND<2	ND<2	NA	NA		ND<2	
T-4	03/24/03	0.00		12.88	NM	-12.88	**1400**	ND<0.5	**1**	**1.2**	**3.6**	**15**	NA	NA	NA	NA	NA	NA		NA	
T-4	05/09/03	0.00		7.59	NM	-7.59	ND<50	ND<0.5	ND<0.5	ND<0.5	**1.6**	**14**	**5.2**	NA	NA	NA	NA	NA		NA	
T-4	07/08/03	0.00		9.33	NM	-9.33	**730**	**26**	**8.9**	**10**	**19**	**1000**	**150**	NA	NA	NA	NA	NA		NA	
T-4	10/15/03	0.00		11.80	NM	-11.80	**1200**	**15**	**6.1**	**2.8**	**11**	**310**	**980**	NA	NA	NA	NA	NA		NA	
T-4	01/06/04	0.00		9.78	NM	-9.78	**68**	**1.1**	ND<0.5	ND<0.5	ND<1	**12**	ND<5	NA	NA	NA	NA	NA		NA	
T-4	04/07/04	0.00		11.15	NM	-11.15	**1600**	**5.1**	**0.57**	ND<0.5	**2.3**	**6.1**	ND<5	NA	NA	NA	NA	NA		NA	
T-4	07/27/04	0.00		10.93	NM	-10.93	**590**	**5.3**	**0.83**	**0.52**	**2.2**	**4.8**	**7.5**	ND<2	ND<2	ND<2	ND<50	NA		NA	
T-4	10/29/04	0.00		10.06	NM	-10.06	**83**	ND<0.5	ND<0.5	ND<0.5	ND<1	**1.2**	ND<5	ND<2	ND<2	ND<2	ND<50	NA		NA	
T-4	01/06/05	0.00		8.69	NM	-8.69	**430 g**	ND<0.5	ND<0.5	ND<0.5	ND<1	**9.6**	ND<5	ND<2	ND<2	ND<2	NA	NA		NA	

Notes:
TPH-G = total petroleum hydrocarbons as gasoline –analyzed using California DHS LUFT Method, EPA Method 8015M, EPA Method 8260B, or as total purgeable petroleum hydrocarbons (TPPH) by EPA Method 8260B.
TPH-D = total petroleum hydrocarbons as diesel or diesel range organics (DRO) using EPA Method 8015M.
BTEX = benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260
1,2-DCA = 1,2-Dichloroethane, analyzed by EPA Method 8260
TOB = Top of Wellbox Elevation
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
DO = Dissolved Oxygen
ppm = Parts per million
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
a = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.
b = This sample was analyzed outside of the EPA recommended holding time.
c = Samples for wells S-6 and S-7 may have been switched.
d = Survey date only.
e = Hydrocarbon does not match pattern of laboratory's standard.
f = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
h = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
i = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
j = Hydrocarbon result partly due to individual peak(s) in quantitation range.
k = Analyzed by EPA Method 8015B (M).
l = 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.
m = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
Ethanol analyzed by EPA Method 8260.
Corrected groundwtaer elevation when SPH is present = Top of Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).
Well T-2 is a backfill well.
Beginning September 23, 2002 depth to water referenced to Top of Casing.
All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.
C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.
Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.
4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.
J = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

TABLE 2
MgSO4 APPLICATION FEASIBILITY GROUNDWATER TESTING
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

Well ID	Date Sampled	TPH-g (ug/L)	BTEX Compounds				Fuel Oxygenates					Sulfate (mg/L)	Ferrous Iron (mg/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)		
S-2	10/30/2009	4,100	100	3.3	36	11	140	<2.0	<2.0	<2.0	2,100	6.4	3.0
S-3	10/30/2009	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<10	330	<0.10
S-5	10/30/2009	500	6.9	<1.0	4.4	1.0	51	<2.0	<2.0	<2.0	110	24	0.66
S-6	10/30/2009	670	<5.0	<10	<10	<10	12	<20	<20	<20	7,600	11	7.7

Abbreviations:
TPH-g = Total petroleum hydrocarbons as gasoline, analyzed by EPA Method 8015
B = Benzene, analyzed by EPA Method 8260B
T = Toluene, analyzed by EPA Method 8260B
E = Ethylbenzene, analyzed by EPA Method 8260B
X = Total xylenes, analyzed by EPA Method 8260B
MTBE = Methyl tert-butyl ether, analyzed by EPA Method 8260B
DIPE = Diisopropyl 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
Sulfate - Analyzed EPA Method 300.0
Ferrous Iron - Iron (II) analyzed by SM 3500-FeB
µg/L = Micrograms per liter, equivalent to parts per billion
mg/L = Milligrams per liter, equivalent to parts per million
< = Denotes no reported concentration above shown detection limit

TABLE 3
MgSO4 FEASIBILITY PILOT STUDY MONITORING DATA
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

Well ID	Date	Depth to Water (feet below TOC)	pH (pH units)	Sulfate (mg/L)	Ferrous Iron (Fe+2) (mg/L)	Ferric Iron (Fe+3) (mg/L)	TPH-g (ug/L)	BTEX Compounds				Ethanol (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
								B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)						
Observation Wells																	
SR-2	5/7/10 11:35 AM	11.70	6.83*	13	0.8	ND(<0.10)	180	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<100)	18	530	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-2	5/28/10 2:00 PM	NR	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	6/4/10 10:25 AM	13.98	7.12	12	0.4	ND(<0.10)	180	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	NA	15	420	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-2	6/29/10 12:30 PM	NR	6.7	11	0.0	0.48	210	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	NA	14	590	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-2	8/10/10 11:20 AM	15.00	7.52	7.6	2.0	ND(<0.10)	710	1.2	ND(<1.0)	1.3	ND(<1.0)	ND(<100)	19	820	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-2	8/26/10 10:25 AM	NR	NA	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-2	9/8/10 10:30 AM	14.95	6.65	4.6	2.4	ND(<0.10)	490	1.9	ND(<1.0)	1.9	ND(<1.0)	ND(<100)	24	720	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-2	10/6/10 10:40 AM	14.95	6.73	2.1	2.6	ND(<0.10)	750	2.3	ND(<1.0)	2.0	ND(<1.0)	ND(<100)	21	940	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-3	5/7/10 11:00 AM	11.73	6.66*	130	0.4	ND(<0.10)	ND(<50)	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<100)	ND(<1.0)	ND(<10)	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-3	6/29/10 11:00 AM	NR	6.6	110	0.0	0.10	ND(<50)	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	NA	ND(<1.0)	ND(<10)	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-3	8/10/10 10:20 AM	13.50	7.42	190	4.6	ND(<0.10)	ND(<50)	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	210	ND(<1.0)	ND(<10)	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-3	10/6/10 12:45 PM	13.65	6.39	150	0.8	ND(<0.10)	ND(<50)	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<100)	ND(<1.0)	ND(<10)	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-3	5/7/10 10:10 AM	11.95	6.79*	1.1	3.6	0.19	3,800	24	1.7	2.6	3.9	ND(<100)	24	1,300	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-3	5/28/10 1:40 PM	NR	NA	ND(<1.0)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	6/4/10 9:45 AM	13.48	6.98	ND(<1.0)	3.2	ND(<0.10)	2,100	21	1.5	1.4	3.6	NA	24	1,300	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-3	6/29/10 12:00 PM	NR	6.7	ND(<1.0)	2.6	2.00	2,100	19	1.3	1.6	2.6	NA	18	1,700	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-3	8/10/10 12:10 PM	15.71	7.48	2.0	4.6	2.30	2,700	21	1.6	2.6	2.9	ND(<100)	20	1,800	ND(<2.0)	ND(<2.0)	ND(<2.0)
SR-3	8/26/10 10:50 AM	NR	NA	ND(<5.0)**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SR-3	9/8/10 11:00 AM	14.66	6.57	ND(<1.0)	6.2	0.81	2,000	24	ND(<2.0)	4.5	3.7	ND(<200)	19	1,100	ND(<4.0)	ND(<4.0)	ND(<4.0)
SR-3	10/6/10 11:45 AM	15.39	6.58	ND(<1.0)	2.8	3.29	1,800	21	ND(<2.0)	3.2	3.6	ND(<200)	19	1,600	ND(<4.0)	ND(<4.0)	ND(<4.0)
S-6	5/7/10 8:50 AM	13.61	6.68*	20	0.2	2.84	ND(<50)	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<100)	4.9	110	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-6	6/4/10 8:30 AM	13.70	6.54	55	0.0	19	53	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	NA	5.6	210	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-6	6/29/10 9:30 AM	NR	6.7	10	4.0	0.29	170	ND(<0.50)	ND(<1.0)	ND(<1.0)	ND(<1.0)	NA	8.2	1,600	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-6	8/10/10 9:30 AM	15.55	7.47	2.4	4.6	4.81	430	ND(<2.5)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND (<500)	12	3,700	ND(<10)	ND(<10)	ND(<10)
S-6	9/8/10 9:15 AM	15.49	6.55	8.5	3.4	3.41	1,100	ND(<2.5)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<500)	15	4,100	ND(<10)	ND(<10)	ND(<10)
S-6	10/6/10 9:30 AM	15.02	6.51	5.6	3.4	5.38	870	ND(<2.5)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<500)	11	4,400	ND(<10)	ND(<10)	ND(<10)

TABLE 3
MgSO4 FEASIBILITY PILOT STUDY MONITORING DATA
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

Well ID	Date	Depth to Water (feet below TOC)	pH (pH units)	Sulfate (mg/L)	Ferrous Iron (Fe+2) (mg/L)	Ferric Iron (Fe+3) (mg/L)	TPH-g (ug/L)	BTEX Compounds				Ethanol (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
								B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)						
Application Points																	
S-2	5/7/10 9:50 AM a	13.23	6.61*	ND(<1.0)	5.0	1.15	13,000	62	3.4	67	17	ND(<100)	56	920	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-2	5/7/10 6:20 PM	NR	NA	59,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	5/28/10 1:35 PM	NR	NA	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	6/4/10 9:10 AM	13.95	6.65	1,700	7.2	10	8,300	84	4.0	110	20	NA	81	910	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-2	6/29/10 11:30 AM	NR	6.7	350	5.6	5.70	12,000	74	ND(<5.0)	88	12	NA	51	1,300	ND(<10)	ND(<10)	ND(<10)
S-2	8/10/10 11:50 AM	15.35	7.62	280	4.6	4.61	9,800	60	2.8	85	12	ND(<200)	48	990	ND(<4.0)	ND(<4.0)	ND(<4.0)
S-2	8/11/10 4:15 PM b	15.30	NA	62,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	8/26/10 10:40 AM	NR	NA	5,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	9/8/10 11:30 AM	14.74	6.38	2,600	5.8	24.3	10,000	80	ND(<5.0)	120	18	ND(<500)	56	1,200	ND(<10)	ND(<10)	ND(<10)
S-2	10/6/10 11:25 AM	15.46	6.55	1,200	4	11.1	8,700	66	ND(<5.0)	100	15	ND(<500)	39	1,100	ND(<10)	ND(<10)	ND(<10)
S-4	5/7/10 12:00 PM a	12.86	6.71*	ND(<1.0)	2.4	3.29	5,200	4.6	ND(<2.0)	35	3.2	ND(<200)	17	960	ND(<4.0)	ND(<4.0)	ND(<4.0)
S-4	5/7/10 8:35 PM	NR	NA	49,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	5/28/10 2:05 PM	NR	NA	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	6/4/10 8:50 AM	13.96	6.71	14,000	6.1	10.7	2,100	2.5	ND(<1.0)	35	1.5	NA	8.4	410	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-4	6/29/10 1:00 PM	NR	6.7	8,200	4.0	11.9	1,400	2.4	ND(<1.0)	13	ND(<1.0)	NA	7.8	390	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-4	8/10/10 11:00 AM	14.95	7.51	4,400	4.8	7.4	1,700	2.9	ND(<1.0)	55	ND(<1.0)	ND(<100)	10	550	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-4	8/11/10 4:30 PM b	15.02	NA	13,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	8/26/10 10:20 AM	NR	NA	7,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	9/8/10 10:00 AM	14.80	6.3	3,600	5.2	6.6	2,100	5.4	1.2	57	4.6	ND(<100)	25	430	ND(<2.0)	ND(<2.0)	ND(<2.0)
S-4	10/6/10 10:20 AM	14.65	6.54	3,100	3.2	29.1	1,700	5.8	ND(<1.0)	74	1.8	ND(<100)	27	1,400	ND(<2.0)	ND(<2.0)	ND(<2.0)

Abbreviations:

TPH-g = Total petroleum hydrocarbons as gasoline by EPA Method 8260B

BTEX = benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260B

MTBE = Methyl tertiary butyl ether, analyzed by EPA Method 8260

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

ETBE = Ethyl tert-butyl ether, analyzed by EPA Method 8260

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

TABLE 3
MgSO4 FEASIBILITY PILOT STUDY MONITORING DATA
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

Well ID	Date	Depth to Water (feet below TOC)	pH (pH units)	Sulfate (mg/L)	Ferrous Iron (Fe+2) (mg/L)	Ferric Iron (Fe+3) (mg/L)	TPH-g (ug/L)	BTEX Compounds				Ethanol (ug/L)	MTBE (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
								B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)						

Abbreviations (cont.):

TBA = Tertiary-butyl alcohol
TOC = Top of Casing
mg/L = Milligrams per liter
ug/L = Micrograms per liter
ND(<n) = Not detected above shown detection limit n
NA = Not Analyzed
NR= Not Reported

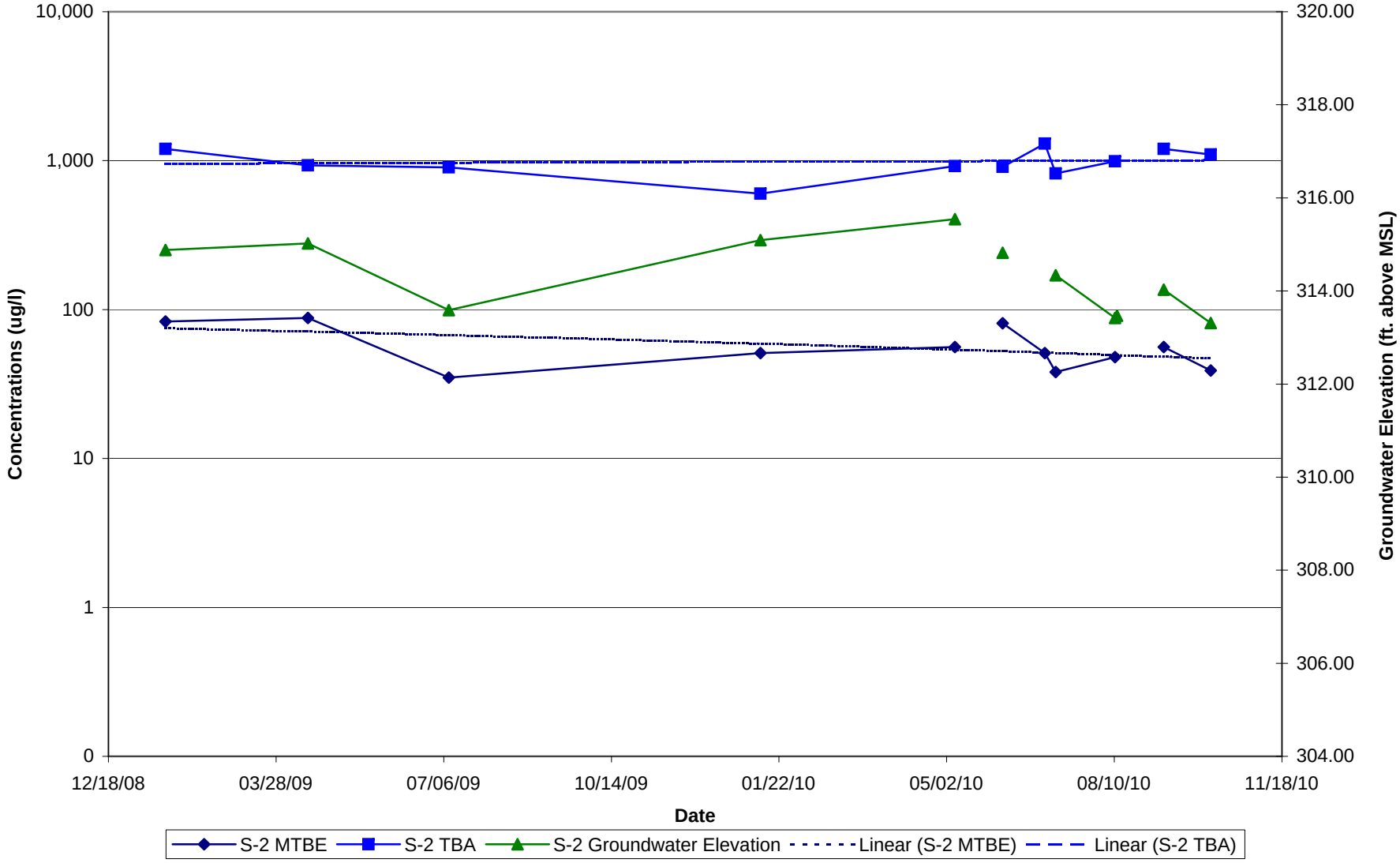
Notes:

*Laboratory pH derived by SM 4500 H+ B.
**The reporting limit is elevated resulting from matrix interference.
pH measured in the field unless otherwise specified
Ferrous iron measured using a field kit.
Sulfate analyzed by EPA Method 300.0
Ferric iron calculated from ferrous iron and total iron concentrations analyzed by EPA Method 6010B.
Ethanol analyzed by EPA Method 8260B.

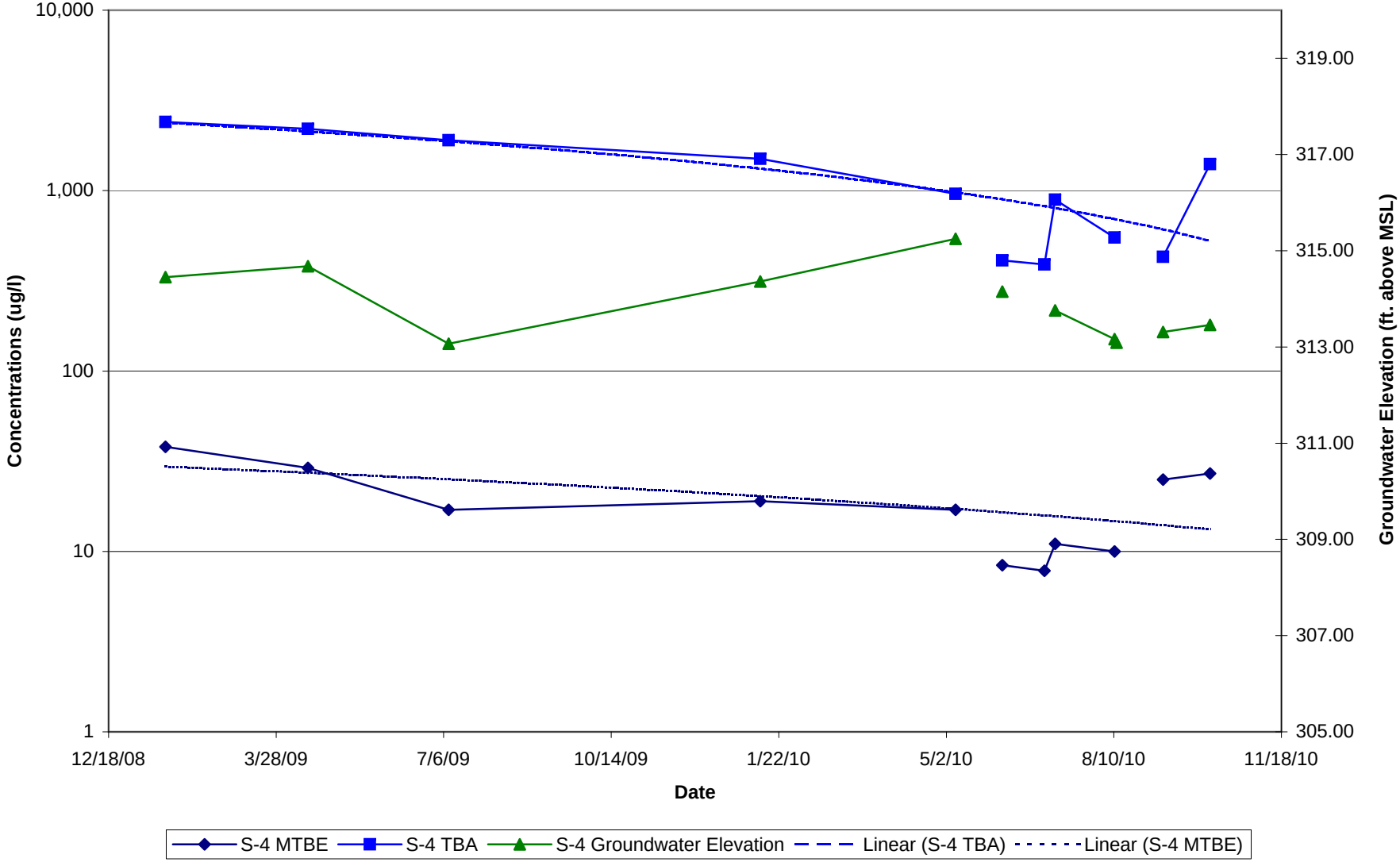
a. Initial MgSO4 application May 7, 2010 of approximately 80 to 85 gallons of EOS MgSO4 material to each application well.
b. Second MgSO4 application August 11, 2010 of approximately 55 gallons of EOS MgSO4 material to each application well.

GRAPHS

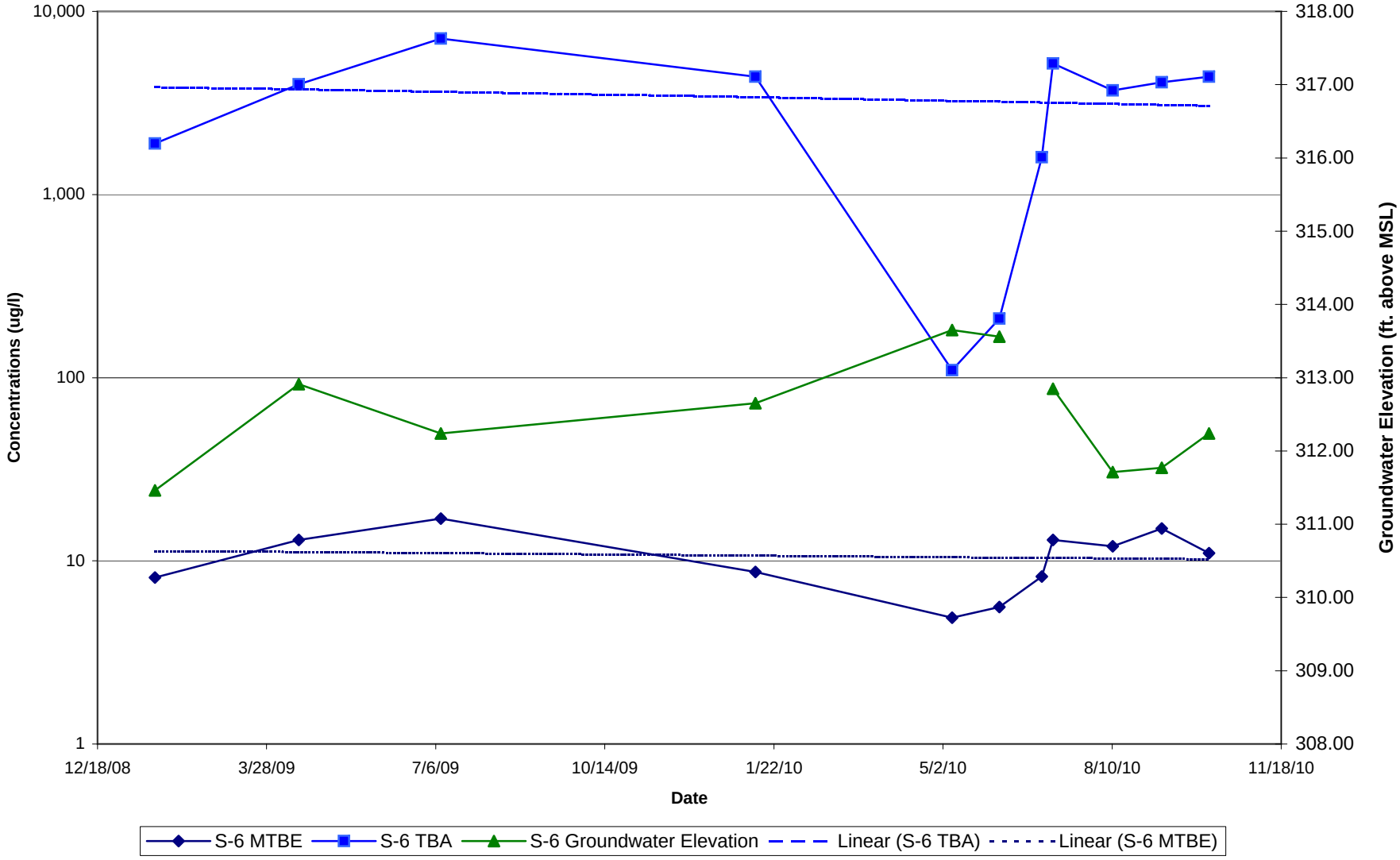
GRAPH 1
MTBE and TBA CONCENTRATIONS
WELL S-2 (2009 and 2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



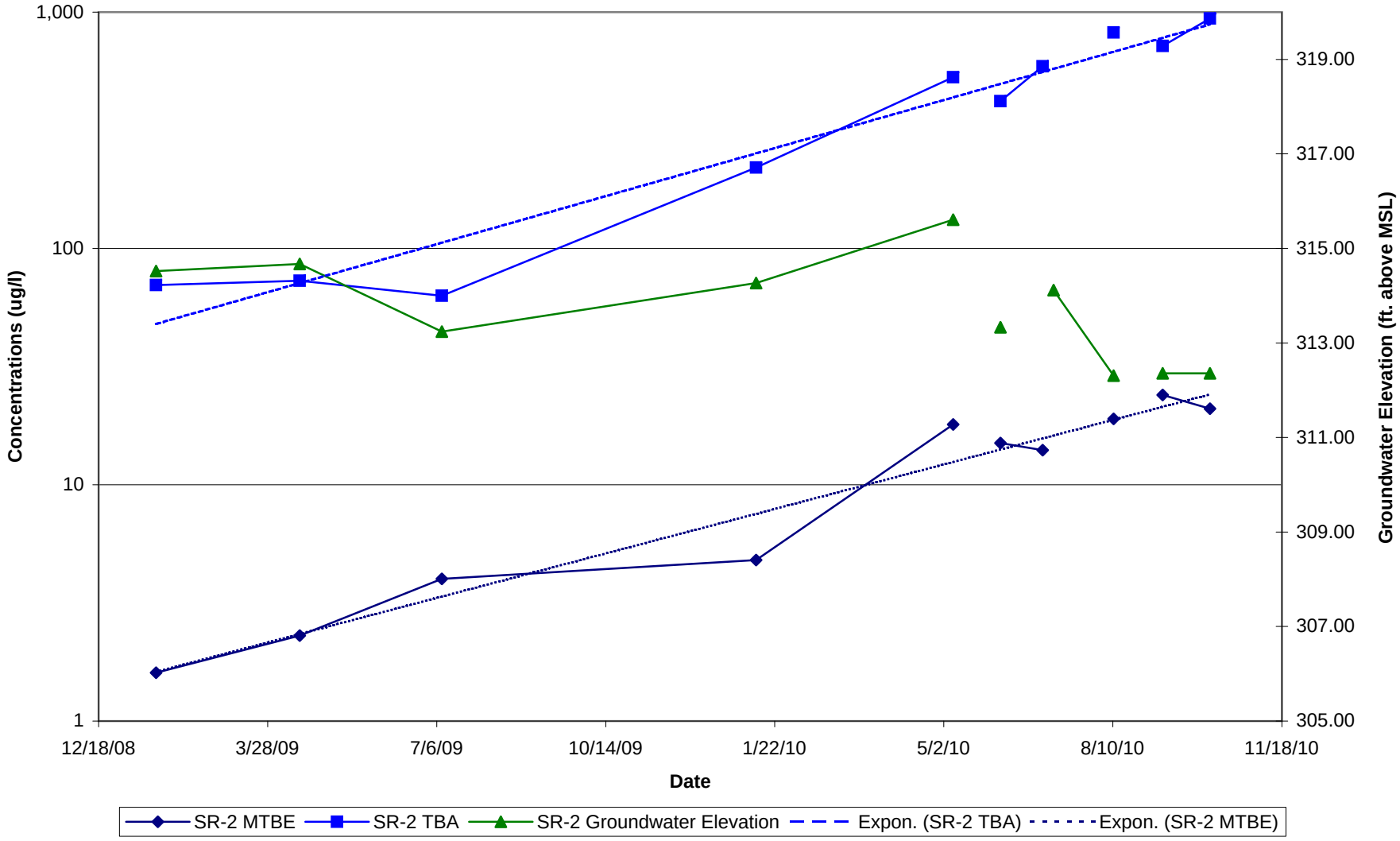
GRAPH 2
MTBE and TBA CONCENTRATIONS
WELL S-4 (2009 and 2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



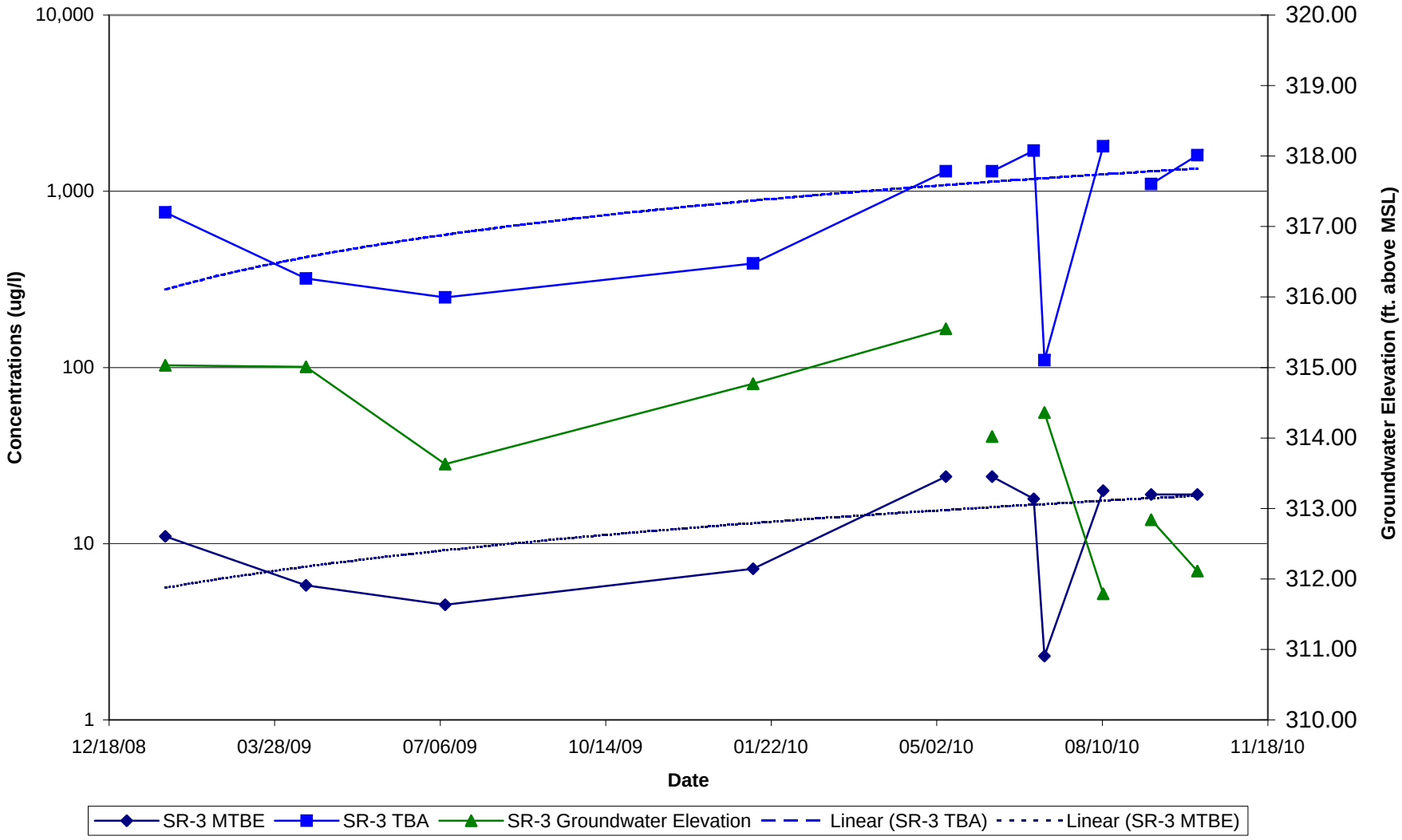
GRAPH 3
MTBE and TBA CONCENTRATIONS
WELL S-6 (2009 and 2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



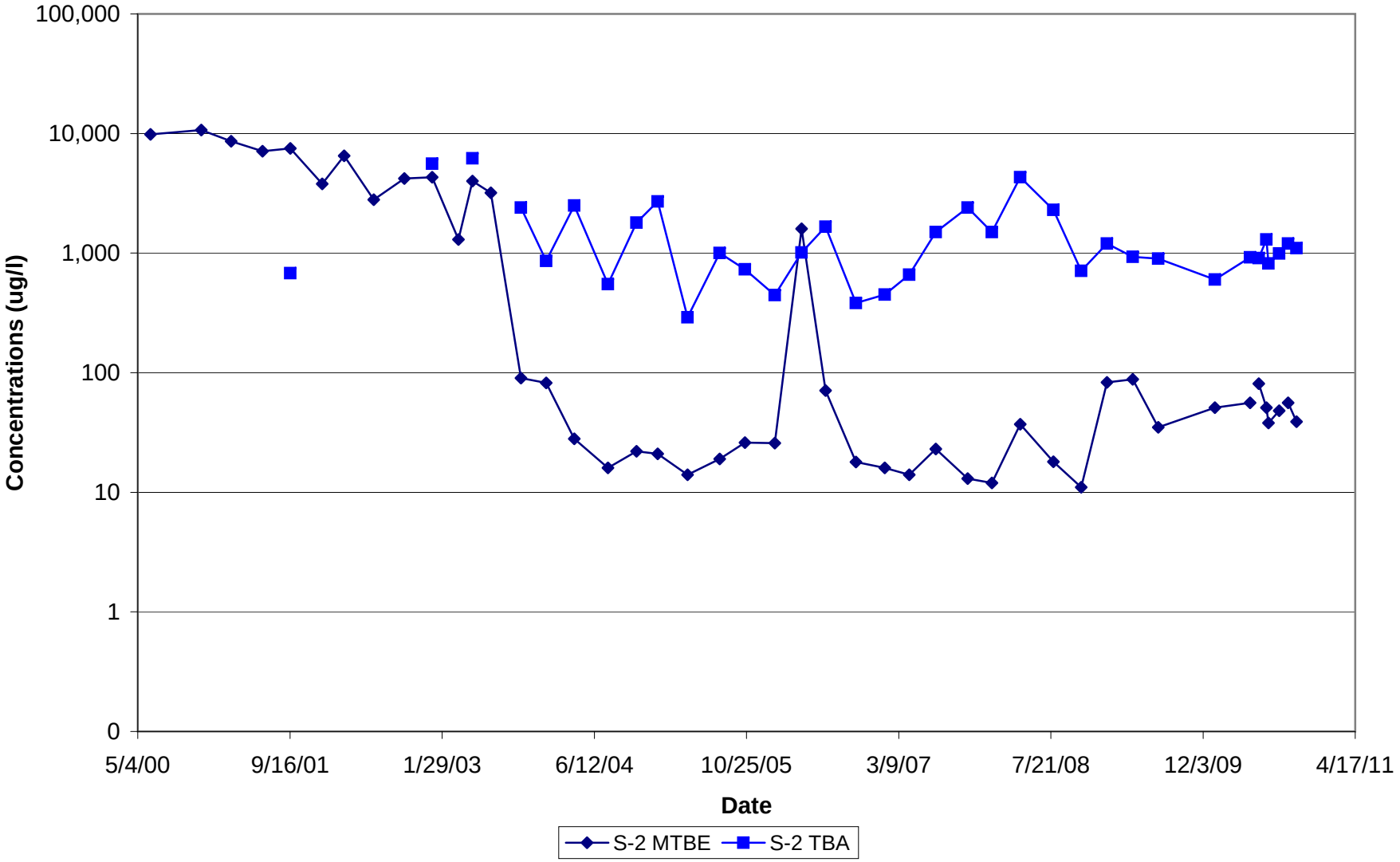
GRAPH 4
MTBE and TBA CONCENTRATIONS
WELL SR-2 (2009 and 2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



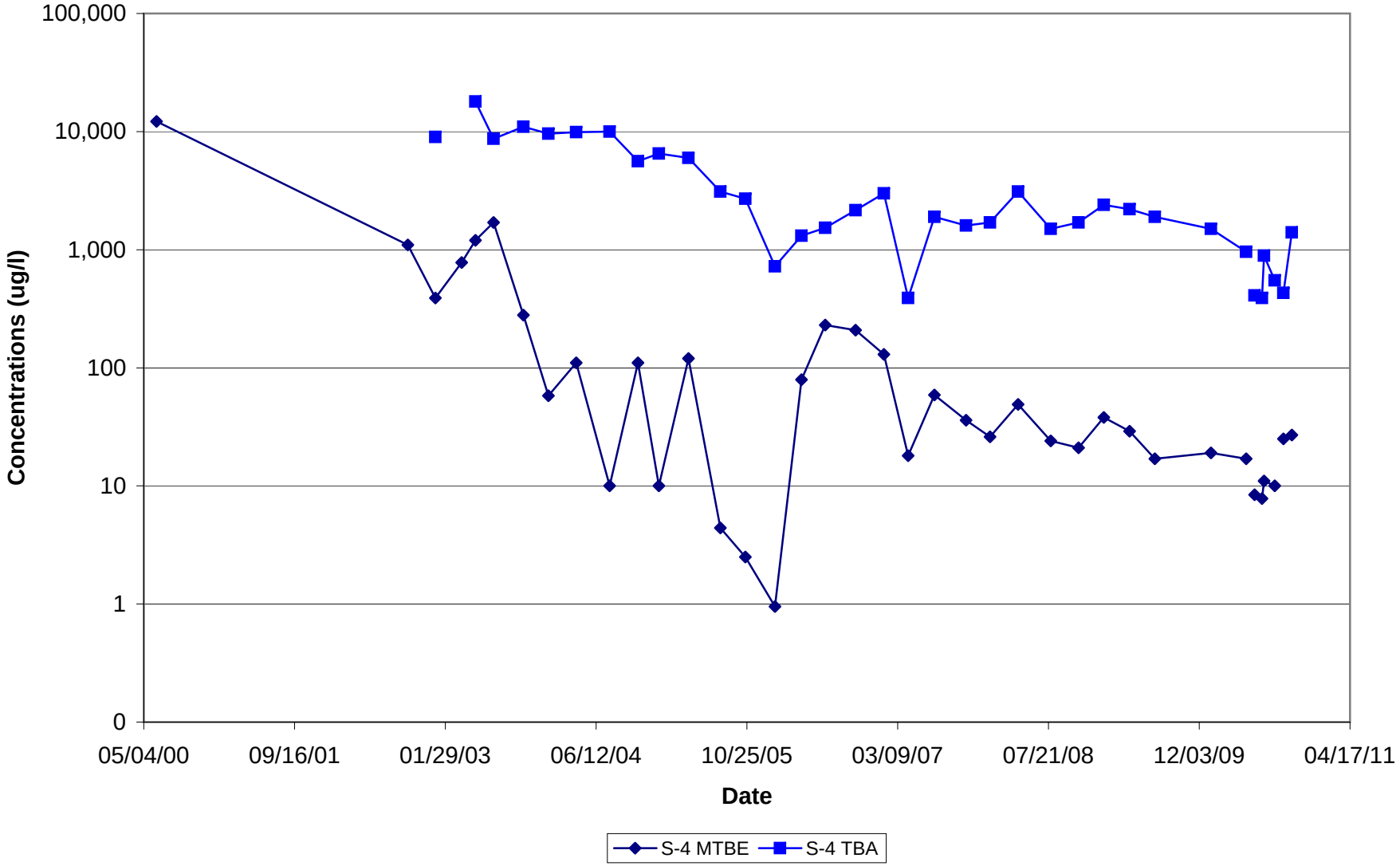
GRAPH 5
MTBE and TBA CONCENTRATIONS
WELL SR-3 (2009 and 2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



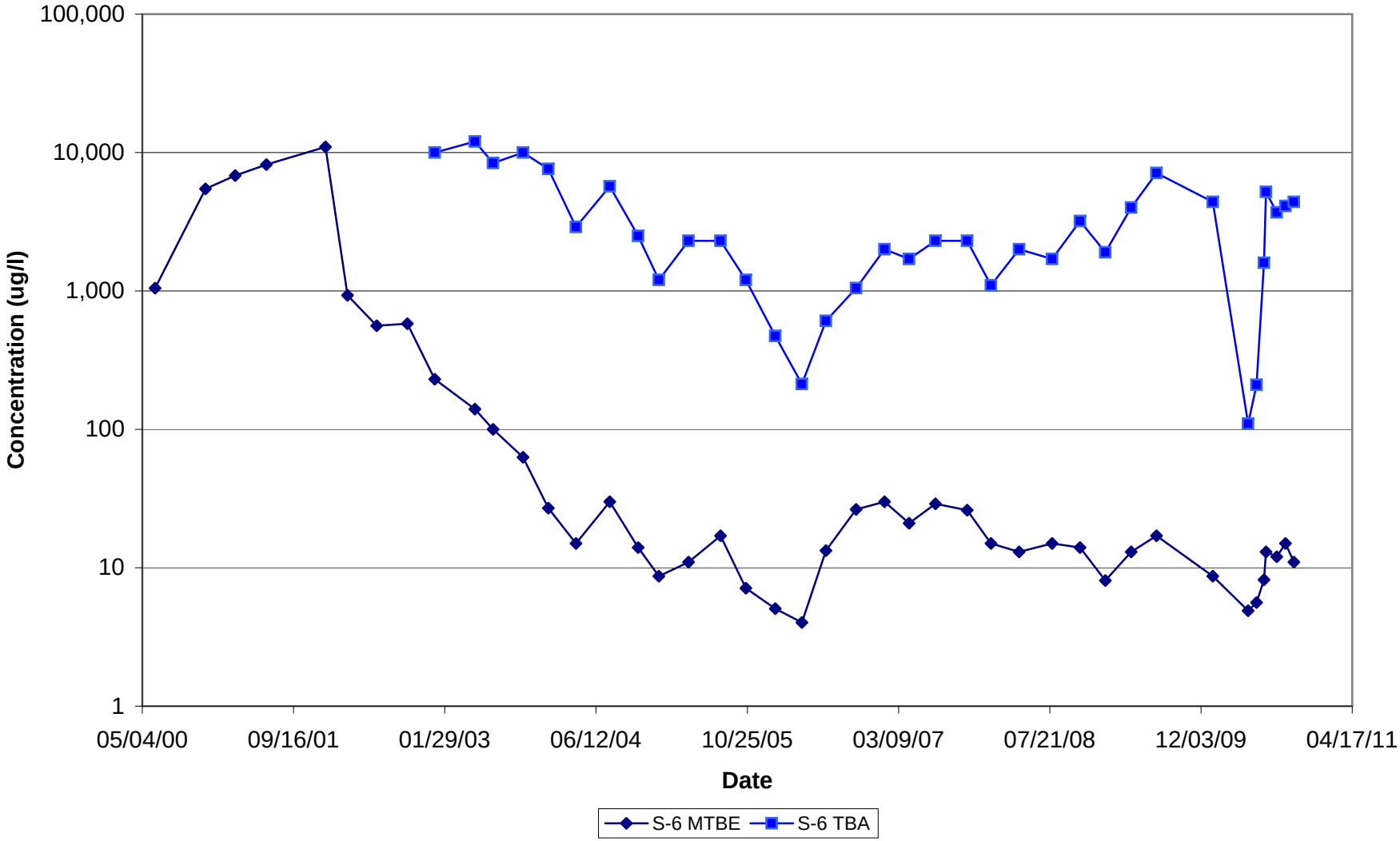
GRAPH 6
MTBE and TBA CONCENTRATIONS
WELL S-2 (2000-2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



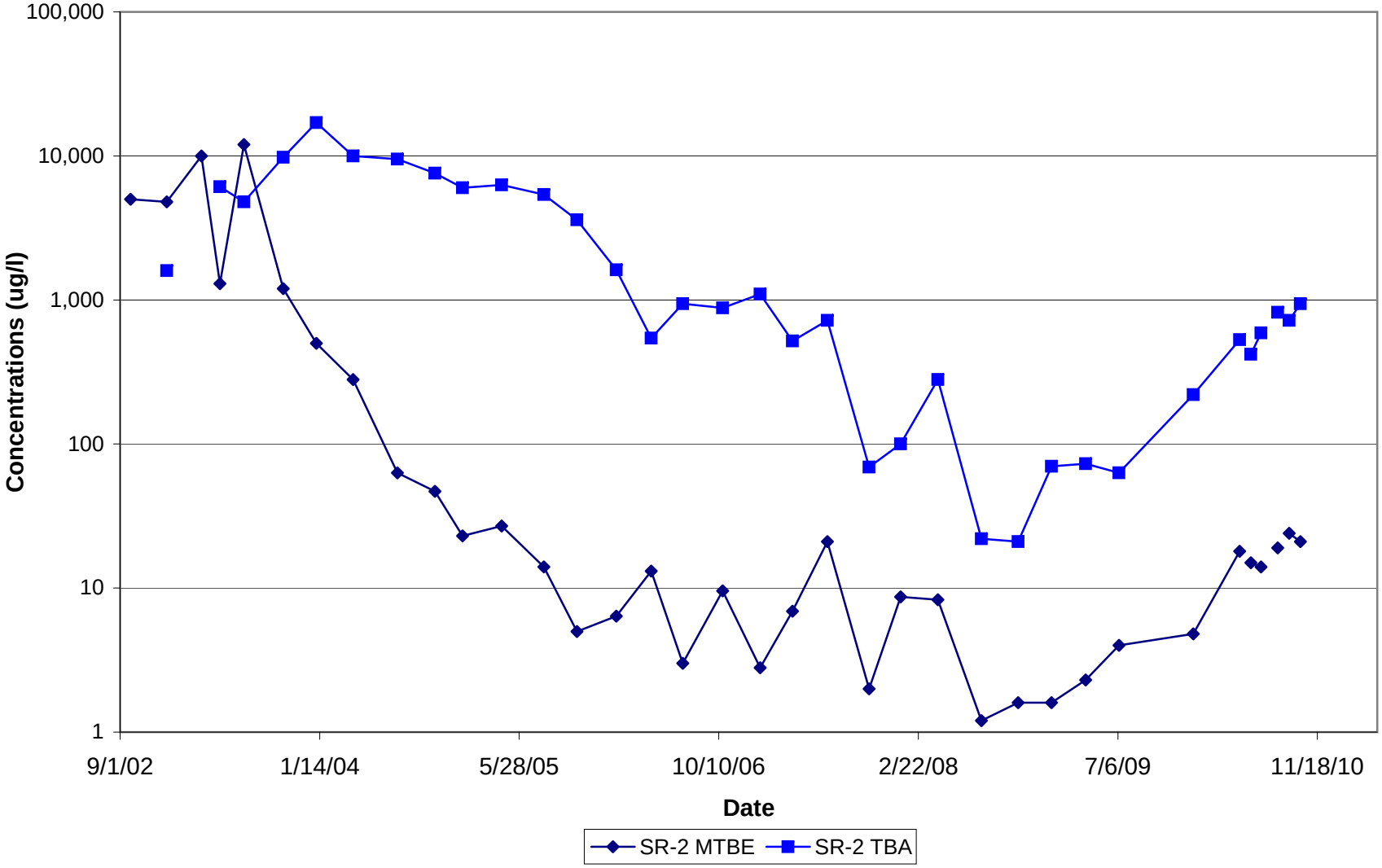
GRAPH 7
MTBE and TBA CONCENTRATIONS
WELL S-4 (2000-2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



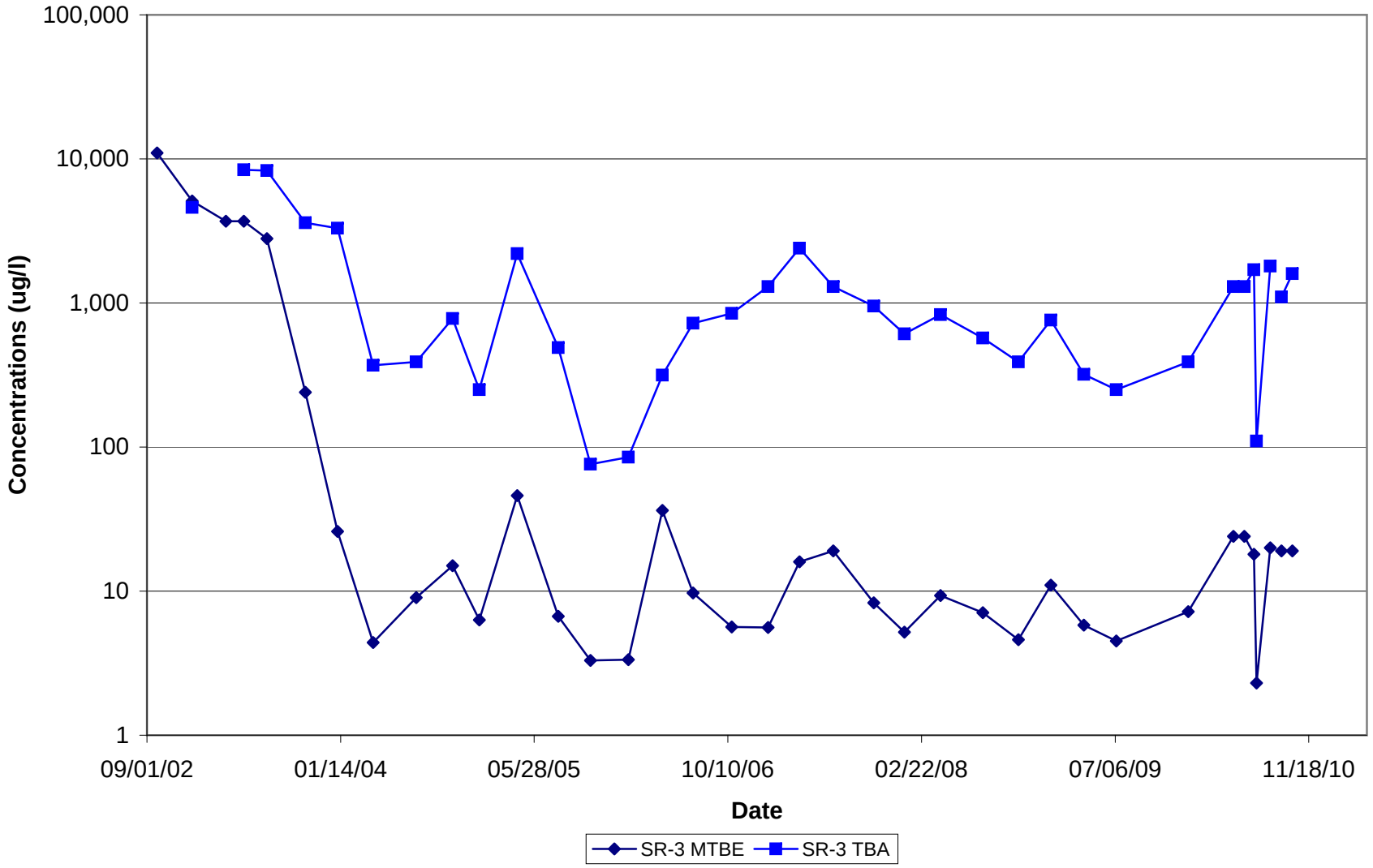
GRAPH 8
MTBE and TBA CONCENTRATIONS
WELL S-6 (2000-2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



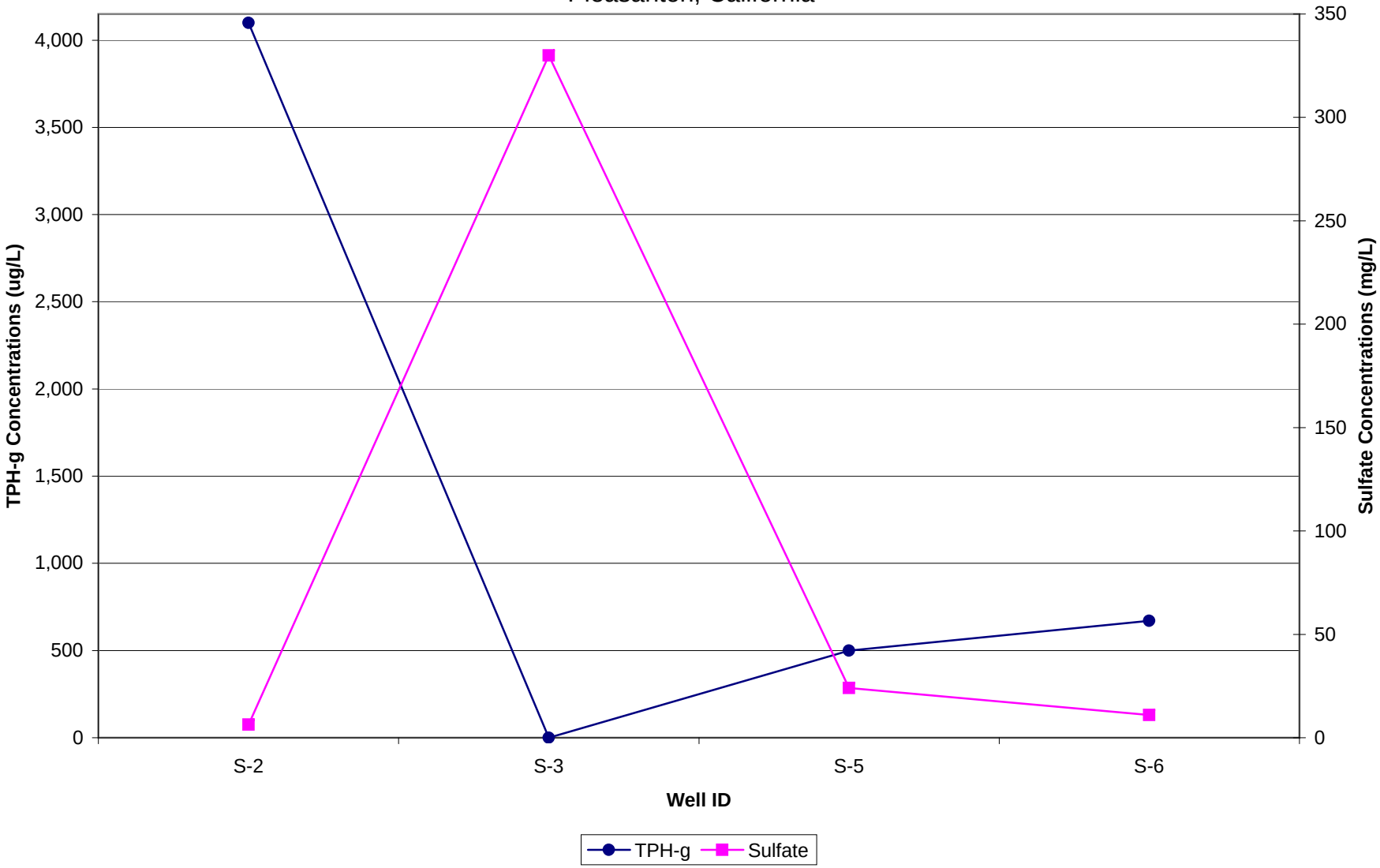
GRAPH 9
MTBE and TBA CONCENTRATIONS
WELL SR-2 (2002-2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



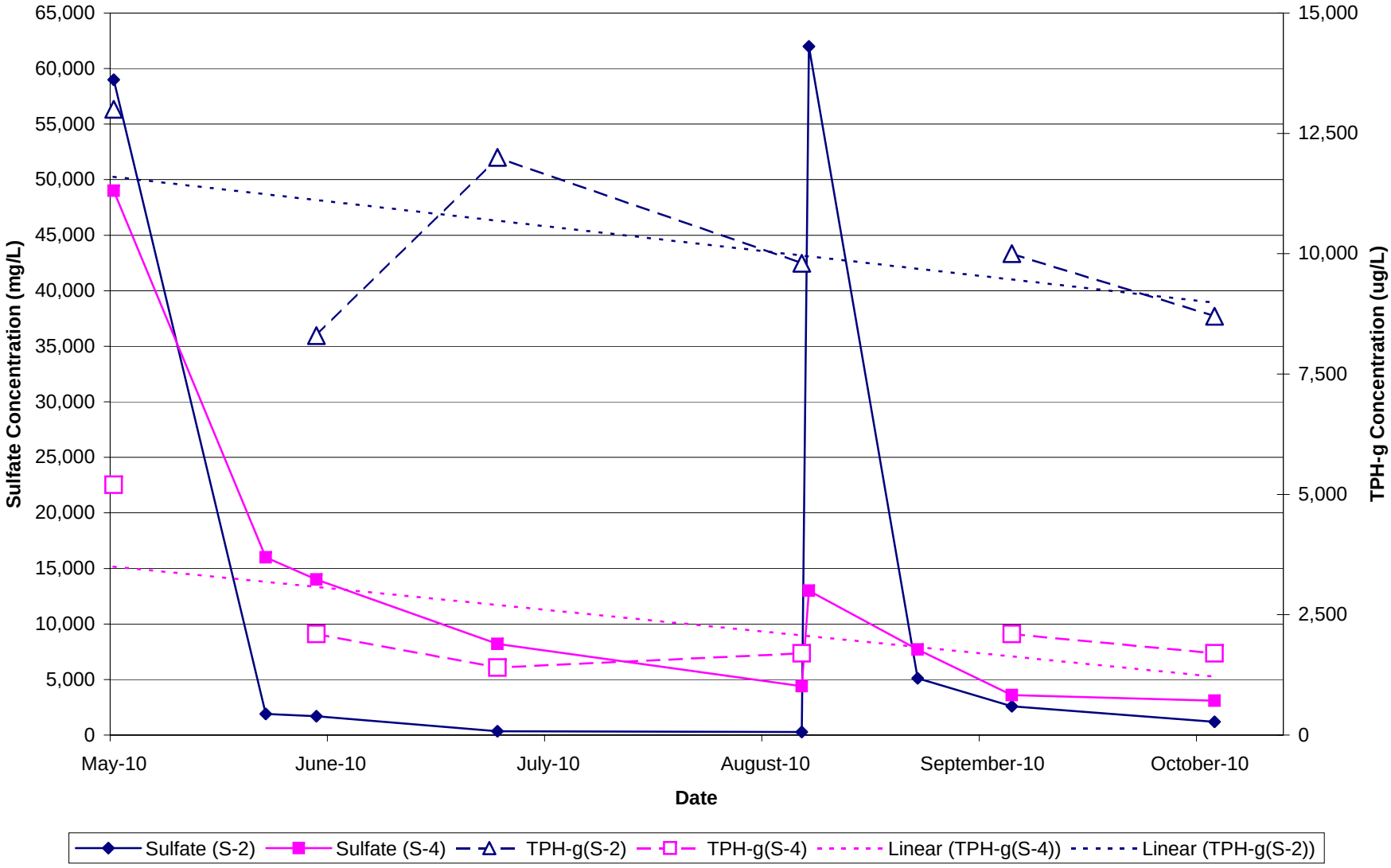
GRAPH 10
MTBE and TBA CONCENTRATIONS
WELL SR-3 (2002-2010)
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



GRAPH 11
MgS04 FEASIBILITY STUDY PRELIMINARY EVALUATION -
TPH-G VS. SULFATE CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



GRAPH 12
MgSO4 FEASIBILITY PILOT STUDY -
TPH-G VS. SULFATE CONCENTRATIONS
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California



APPENDIX A

AGENCY CORRESPONDENCE

Regina Bussard

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Thursday, September 09, 2010 1:58 PM
To: Regina Bussard
Cc: denis.l.brown@shell.com; Suzanne McClurkin-Nelson
Subject: RE: 3790 Hopyard Road
Follow Up Flag: Follow up
Flag Status: Red

Regina,

The proposed sampling schedule discussed below for case RO0363 is acceptable.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
phone: 510-567-6791
jerry.wickham@acgov.org

From: Regina Bussard [mailto:RBussard@deltaenv.com]
Sent: Thursday, September 09, 2010 1:04 PM
To: Wickham, Jerry, Env. Health
Cc: denis.l.brown@shell.com; Suzanne McClurkin-Nelson
Subject: 3790 Hopyard Road

Jerry,

Per our telephone conversation, the deadline for the third quarter 2010 *Quarterly Monitoring and Pilot Study Report* for the referenced site has been changed from September 16, 2010 as directed in the ACEH letter dated August 16, 2010, to November 15, 2010. It was also clarified that monitoring and sampling of all site wells could continue on the semiannual schedule previously directed unless quarterly monitoring was necessary to evaluate the effectiveness of the pilot study. A sampling schedule for the pilot study was proposed in the *Site Investigation and Magnesium Sulfate Feasibility Study Work Plan* and modified in the ACEH letter dated February 19. 2010. While the schedule does not include monitoring and sampling all site wells during pilot study events, it does include monitoring and sampling the most impacted wells and the wells most likely to show the effect of the magnesium sulfate applications. Additionally, the analyses performed on the groundwater samples collected during the pilot study include the same analyses performed on the groundwater samples collected during the semiannual monitoring and sampling events. Since groundwater samples pertinent to evaluating effectiveness are collected during pilot study events, Delta will continue to monitor and sample all site wells on the semiannual schedule.

Please contact me if you have any questions or need additional information.

Regina Bussard, PG| Project Manager | North American Operations
Delta Consultants, an Oranjewoud N.V. Company
Direct +1 408 826 1876 | Fax +1 408 225 8506 | USA Toll Free 800 477 7411
rbussard@deltaenv.com | www.deltaenv.com

APPENDIX B

BLAINE TECH SERVICES, INC.

FIELD DATA SHEETS

SHELL WELLHEAD INSPECTION FORM
(FOR SAMPLE TECHNICIAN)

Site Address 3790 HOPYARD RD. PLEASANTON CA Date 7-6-10

Job Number 100706-FS1 Technician FS Page 1 of 2

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
S-2	✓	NO TAG							
S-3	✓	↓							
S-4	✓								
S-5	✓								
S-5B	✓								
S-5C	✓	NO TAG.							
S-6	✓	↓							
S-7	✓								
S-8	✓								
S-9	✓								
S-9B	✓								
S-9C	✓	↓							
S-10	✓	NO TAG							
S-11		↓						✓	
S-12	✓	NO TAG							
S-14		↓							
S-15	✓	NO TAG							

*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 WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 3790 HOPYARD RD. PLEASANTON, CA Date 7-6-10

Job Number 100706-FS1 Technician FS Page 2 of 2

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
SR-1		NO BX							
SR-2	✓	NO TAG							
SR-3		↓		✓	✓				
C-1									CASTEK

*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:

WELL GAUGING DATA

Project # 100706-FS1 Date 7-6-10 Client SHELL

Site ~~100706-FS1~~ 3790 HOPYARD RD. 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
S-2	942	3					14.43	34.43	TOC	
S-3	947	3					12.80	34.98		
S-4	955	3					14.35	34.50		
S-5	1025	3					16.20	35.50		
S-5B	1035	4					35.18	60.91		
S-5C	1020	4					35.14	76.13		
S-6	1135	3					14.41	34.01		
S-7	1140	3					17.11	34.21		
S-8	1100	3					14.75	34.19		
S-9	1045	3					17.81	34.28		
S-9B	1050	4					34.49	58.85		
S-9C	1055	4					34.34	78.11		
S-10	930	3					14.40	34.15		
S-11	920	2					17.17	24.93		
S-12	910	2					17.65	24.43		
S-14	1120	4					18.62	24.33		
S-15	903	4					23.90	24.33		

WELL GAUGING DATA

Project # 100706-FS1 Date 7-6-10 Client SHELL

Site 3790 HOPYARD RD. 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
SR-1	1030	4					15.28	33.15	TOC	
SR-2	1005	4					13.19	33.22	↓	
SR-3	938	4					13.14	32.31	↓	
C-1	1110	—					30.92	31.28	MARKING ON BRIDGE	

SHELL WELL MONITORING DATA SHEET

BTS #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: (FS) / JO	Date: 7-6-10
Well I.D.: S-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.43	Depth to Water (DTW): 14.43
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]: 19.43	

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

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

7.4 (Gals.) X	3	=	22.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
14:01	70.4	7.0	3980	168	7.4	
— WELL	DEWATERED	@	11	GALLONS	—	
1445	71.0	7.0	4996	36		

Did well dewater? (Yes) (No) Gallons actually evacuated: 11

Sampling Date: 7-6-10 Sampling Time: 1445 Depth to Water: 18.40

Sample I.D.: S-2 Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / JO	Date: 7-6-10
Well I.D.: S-4	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.50	Depth to Water (DTW): 14.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.38	

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

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

7.5 (Gals.) X 3 = 23.5 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
1348	65.9	6.8	9575	134	7.5	
— WELL		DEWATERED	@	11	GALLONS	
1445	70.6	6.60	10.03ms	92	—	

Did well dewater? (Yes) No — Gallons actually evacuated: 11

Sampling Date: 7-6-10 — Sampling Time: 1445 — Depth to Water: 18.00

Sample I.D.: S-4 — Laboratory: (CalScience) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / SO	Date: 7-6-10
Well I.D.: 5-5	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): 35.50	Depth to Water (DTW): 16.20
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]: 20.06	

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

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

7.1 (Gals.) X	3 =	21.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1414	70.9	7.69	1274	60	7.1	odor
1416	70.7	6.81	1291	53	14.2	odor
1418	70.9	6.71	1309	48	21.3	odor

Did well dewater? Yes (No) Gallons actually evacuated: 21.3

Sampling Date: 7-6-10 Sampling Time: 1435 Depth to Water: 20.00

Sample I.D.: 5-5 Laboratory: (CalScience) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / SO	Date: 7-6-10
Well I.D.: S-5B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 60.91	Depth to Water (DTW): 35.18
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]: 40.33	

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

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

16.7 (Gals.) X 3 = 50.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1315	69.2	8.02	4207	28	16.7	
		dewatered @		17 gallons		
1325	69.8	7.51	3761	30	—	

Did well dewater? (Yes) No Gallons actually evacuated: 17

Sampling Date: 7-6-10 Sampling Time: 1325 Depth to Water: 35.82

Sample I.D.: S-5B Laboratory: (CalScience) Columbia Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: (FS) / JO	Date: 7-6-10
Well I.D.: S-5C	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 76.13	Depth to Water (DTW): 35.19
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]: 43.37	

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

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

26.7 (Gals.) X	3	=	80.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1300	69.0	8.1	4798	23	26.7	
1306	68.0	7.7	4892	10	53.4	
1312	68.5	7.6	4855	5	80.1	

Did well dewater? Yes (No) Gallons actually evacuated: 80.1

Sampling Date: 7-6-10 Sampling Time: 1315 Depth to Water: 36.38

Sample I.D.: S-5C Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: (FS) / JO	Date: 7-6-10
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.01	Depth to Water (DTW): 14.41
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]: 18.33	

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

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

7.3 (Gals.) X	3	=	21.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1210	71.1	6.8	2261	62	7.3	
—— WELL	DEWATERED	@	13	GALLONS		
1230	73.7	6.9	2307	96	——	

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Date: 7-6-10 Sampling Time: 1230 Depth to Water: 20.49 (TRAFFIC

Sample I.D.: S-6 Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEL[L] WELL MONITORING DATA [SH]EET

BTS #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / JO	Date: 7-6-10
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.21	Depth to Water (DTW): 17.11
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]: 20.53	

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

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

6.4 (Gals.) X	3	=	19.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1151	71.3	6.8	1922	43	6.4	
1155	70.8	6.8	2449	187	12.8	
— WELL	DEWATERED		@	13 GALLONS		
1220	72.6	6.8	2545	79	—	

Did well dewater? (Yes) No Gallons actually evacuated: 13

Sampling Date: 7-6-10 Sampling Time: 1220 Depth to Water: 20.70 (TRAFFIC)

Sample I.D.: S-7 Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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	

SHEL[illegible]WELL MONITORING DATA [illegible]EET

BTS #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / (SG)	Date: 7-6-10
Well I.D.: S-9	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.28	Depth to Water (DTW): 17.81
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]: 21.10	

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

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

6.0 (Gals.) X 3 = 18 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1247	70.2	6.92	2799	71	6.0	
	Dewatered	@ 70	gallons			
1255	70.1	6.89	2785	66	←	

Did well dewater? (Yes) No Gallons actually evacuated: 7.0

Sampling Date: 7-6-10 Sampling Time: 1255 Depth to Water: 21.07

Sample I.D.: S-9 Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: FS / SO	Date: 7-6-10
Well I.D.: SR-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 33.15	Depth to Water (DTW): 15.28
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]: 18.85	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / (Electric Submersible) / Waterra / Peristaltic / Extraction Pump / Other ____

Sampling Method: (Bailer) / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

11.6 (Gals.) X 3 = 34.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
(@) 1347	71.8	6.92	3251	29	11.6	
1349	72.0	6.64	3185	25	23.2	
1351	71.1	6.61	3195	28	34.8	

Did well dewater? Yes (No) Gallons actually evacuated: 34.8

Sampling Date: 7-6-10 Sampling Time: 1355 Depth to Water: 16.29

Sample I.D.: SR-1 Laboratory: (CalScience) Columbia Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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

SHEL WELL MONITORING DATA EET

BTS #: 100706-FS1	Site: 3790 HOPYARD RD. PLEASANTON, CA
Sampler: (FS) / JO	Date: 7-6-10
Well I.D.: SR-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.31	Depth to Water (DTW): 13.14
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]: 16.97	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other____

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

12.5 (Gals.) X 3 = 37.5 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1333	71.4	7.2	2316	13	12.5	ODOR
1336	70.2	7.1	1733	53	25	"
1340	70.3	7.1	1875	190	37.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 37.5

Sampling Date: 7-6-10 Sampling Time: 1425 Depth to Water: 14.10

Sample I.D.: SR-3 Laboratory: (CalScience) Columbia Other____

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Oxygenates (5) (Other) TBA, ETHANOL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address: 3790 Hopyard Rd. Pleasanton   Date: 6/28/10

Job Number: 100626-BW1   Technician: BW   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
S-6							X	X	X		X						X		
	Notes: Replaced Wellbox w/ 8" Morrison																		
	Well box type / size: 8" Morrison														Materials used: 1 Box Kit, 6 bags				
	Notes:																		
	Well box type / size:														Materials used:				
	Notes:																		
	Well box type / size:														Materials used:				
	Notes:																		
	Well box type / size:														Materials used:				
	Notes:																		
	Well box type / size:														Materials used:				
	Notes:																		
	Well box type / size:														Materials used:				
	Notes:																		
	Well box type / size:														Materials used:				

APPENDIX C

BLAINE TECH SERVICES, INC.

FIELD PROCEDURES

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

July 26, 2010

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

Third Quarter 2010 Groundwater Monitoring at
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, CA

Monitoring performed on July 6, 2010

Groundwater Monitoring Report **100706-FS-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.

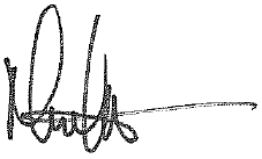
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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/np

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

cc: Regina Bussard
Delta Environmental
911 S. Primrose Ave., Suite K
Monrovia, CA 91016

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.

APPENDIX C

CERTIFIED ANALYTICAL REPORTS WITH CHAIN-OF-CUSTODY DOCUMENTATION

Calscience Environmental Laboratories, Inc.

July 18, 2010

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

Subject: **Calscience Work Order No.: 10-07-0446**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/8/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/10
1680 Rogers Avenue		Work Order No:	10-07-0446
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-07-0446-1-B**	**07/06/10 14:45**	**Aqueous**	**GC/MS RR**	**07/10/10**	**07/10/10 18:01**	**100710L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	28	1.0	2		Methyl-t-Butyl Ether (MTBE)	38	2.0	2	
Ethylbenzene	21	2.0	2		Tert-Butyl Alcohol (TBA)	820	20	2	
Toluene	ND	2.0	2		Ethanol	ND	200	2	
Xylenes (total)	2.0	2.0	2		TPPH	2100	100	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	80-126			1,2-Dichloroethane-d4	99	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	99	80-120							

S-4	**10-07-0446-2-A**	**07/06/10 14:45**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 17:58**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.8	0.50	1		Methyl-t-Butyl Ether (MTBE)	11	1.0	1	
Ethylbenzene	23	1.0	1		Tert-Butyl Alcohol (TBA)	890	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	490	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	80-126			1,2-Dichloroethane-d4	108	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	101	80-120							

S-5	**10-07-0446-3-A**	**07/06/10 14:35**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 18:24**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	6.5	0.50	1		Methyl-t-Butyl Ether (MTBE)	49	1.0	1	
Ethylbenzene	8.5	1.0	1		Tert-Butyl Alcohol (TBA)	85	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	1300	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-126			1,2-Dichloroethane-d4	101	80-131		
Toluene-d8	101	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	98	80-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/10
1680 Rogers Avenue		Work Order No:	10-07-0446
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5B	**10-07-0446-4-B**	**07/06/10 13:25**	**Aqueous**	**GC/MS CC**	**07/13/10**	**07/13/10 20:34**	**100713L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	106	80-126			1,2-Dichloroethane-d4	102	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	93	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-5C	**10-07-0446-5-A**	**07/06/10 13:15**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 19:17**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	100	80-126			1,2-Dichloroethane-d4	98	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	98	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-07-0446-6-A**	**07/06/10 12:30**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 19:44**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	13	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	5200	100	10	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	950	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	80-126			1,2-Dichloroethane-d4	98	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	98	80-120							

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: 07/08/10
Work Order No: 10-07-0446
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 3790 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	**10-07-0446-7-A**	**07/06/10 12:20**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 20:10**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	11	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	98	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	**10-07-0446-8-A**	**07/06/10 12:55**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 20:36**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	16	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-126			1,2-Dichloroethane-d4	100	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	99	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-1	**10-07-0446-9-A**	**07/06/10 13:55**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 21:03**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	15	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	300	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	100	80-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	07/08/10
1680 Rogers Avenue		Work Order No:	10-07-0446
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-07-0446-10-A**	**07/06/10 14:25**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 21:29**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	2.3	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	110	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	100	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-126			1,2-Dichloroethane-d4	98	80-131		
Toluene-d8	101	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	98	80-120							

Method Blank	**099-12-767-4,244**	**N/A**	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10 13:33**	**100709L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	80-126			1,2-Dichloroethane-d4	101	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	100	80-120							

Method Blank	**099-12-767-4,254**	**N/A**	**Aqueous**	**GC/MS RR**	**07/10/10**	**07/10/10 15:22**	**100710L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	80-126			1,2-Dichloroethane-d4	98	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	98	80-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	07/08/10
1680 Rogers Avenue	Work Order No:	10-07-0446
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 3790 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	**099-12-767-4,268**	**N/A**	**Aqueous**	**GC/MS CC**	**07/13/10**	**07/13/10 13:05**	**100713L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Ethanol	ND	100	1	
Xylenes (total)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	93	80-120							

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: 07/08/10
Work Order No: 10-07-0446
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-07-0442-3	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10**	**100709S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	92	80-120	3	0-20	
Ethylbenzene	92	90	73-127	2	0-20	
Toluene	93	90	80-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	90	97	65-131	6	0-22	
Tert-Butyl Alcohol (TBA)	49	57	62-134	2	0-20	3
Diisopropyl Ether (DIPE)	95	96	64-136	2	0-29	
Ethyl-t-Butyl Ether (ETBE)	92	96	70-124	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	91	96	71-125	6	0-20	
Ethanol	87	85	44-152	3	0-43	

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: 07/08/10
Work Order No: 10-07-0446
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-07-0445-2	**Aqueous**	**GC/MS RR**	**07/10/10**	**07/10/10**	**100710S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	87	80-120	5	0-20	
Ethylbenzene	90	84	73-127	6	0-20	
Toluene	89	85	80-120	5	0-20	
Methyl-t-Butyl Ether (MTBE)	93	86	65-131	7	0-22	
Tert-Butyl Alcohol (TBA)	91	84	62-134	8	0-20	
Diisopropyl Ether (DIPE)	96	90	64-136	7	0-29	
Ethyl-t-Butyl Ether (ETBE)	93	87	70-124	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	93	89	71-125	4	0-20	
Ethanol	89	83	44-152	7	0-43	

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: 07/08/10
Work Order No: 10-07-0446
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-07-0735-10	**Aqueous**	**GC/MS CC**	**07/13/10**	**07/13/10**	**100713S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	97	80-120	1	0-20	
Ethylbenzene	94	96	73-127	2	0-20	
Toluene	97	99	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	94	98	65-131	3	0-22	
Tert-Butyl Alcohol (TBA)	93	95	62-134	1	0-20	
Diisopropyl Ether (DIPE)	95	96	64-136	2	0-29	
Ethyl-t-Butyl Ether (ETBE)	94	97	70-124	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	96	100	71-125	4	0-20	
Ethanol	87	84	44-152	3	0-43	

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:	10-07-0446
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,244	**Aqueous**	**GC/MS RR**	**07/09/10**	**07/09/10**	**100709L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	96	80-120	2	0-20	
Ethylbenzene	93	90	80-123	3	0-20	
Toluene	92	93	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	92	105	75-123	14	0-25	
Tert-Butyl Alcohol (TBA)	89	90	72-126	2	0-20	
Diisopropyl Ether (DIPE)	94	101	75-129	6	0-22	
Ethyl-t-Butyl Ether (ETBE)	93	101	76-124	8	0-20	
Tert-Amyl-Methyl Ether (TAME)	94	104	79-121	11	0-20	
Ethanol	83	79	53-143	6	0-25	
TPPH	103	101	65-135	3	0-30	

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:	10-07-0446
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,254	**Aqueous**	**GC/MS RR**	**07/10/10**	**07/10/10**	**100710L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	92	80-120	2	0-20	
Ethylbenzene	90	90	80-123	1	0-20	
Toluene	92	91	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	99	92	75-123	7	0-25	
Tert-Butyl Alcohol (TBA)	88	85	72-126	3	0-20	
Diisopropyl Ether (DIPE)	99	95	75-129	4	0-22	
Ethyl-t-Butyl Ether (ETBE)	99	92	76-124	7	0-20	
Tert-Amyl-Methyl Ether (TAME)	100	93	79-121	8	0-20	
Ethanol	82	84	53-143	2	0-25	
TPPH	98	99	65-135	2	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: 10-07-0446
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,268	**Aqueous**	**GC/MS CC**	**07/13/10**	**07/13/10**	**100713L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	97	80-120	3	0-20	
Ethylbenzene	94	97	80-123	4	0-20	
Toluene	96	98	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	96	100	75-123	4	0-25	
Tert-Butyl Alcohol (TBA)	95	101	72-126	5	0-20	
Diisopropyl Ether (DIPE)	95	101	75-129	6	0-22	
Ethyl-t-Butyl Ether (ETBE)	96	101	76-124	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	101	79-121	3	0-20	
Ethanol	101	107	53-143	5	0-25	
TPPH	97	96	65-135	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-07-0446

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

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): 98099584 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #: _____ SAP #: _____

DATE: 7-6-10

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 3790 Hopyard Rd., Pleasanton	State: CA	GLOBAL ID NO: T0600101257
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112		EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico, Delta, San Jose Office	PHONE NO: 408.826.1862	E-MAIL: apico@deltaenv.com	CONSULTANT PROJECT NO: 100706-FS1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata					BTS #:
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com	SAMPLER NAME(S) (Print): F. SIMONTON J. ORTIZ	LAB USE ONLY: 10-07-0446

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 Regina Bussard w/final report rbussard@deltaenv.com

Run TPH-d w/Silica Gel Clean Up

☐ 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-2	7-6-10	1445	W	X					3	X		X		X	X						X		
2	S-4		1445		X						X		X		X	X						X		
3	S-5		1435		X						X		X		X	X						X		
4	S-5B		1325		X						X		X		X	X						X		
5	S-5C		1315		X						X		X		X	X						X		
6	S-6		1230		X						X		X		X	X						X		
7	S-7		1220		X						X		X		X	X						X		
8	S-9		1255		X						X		X		X	X						X		
9	SR-1		1355		X						X		X		X	X						X		
10	SR-3		1425		X						X		X		X	X						X		

TEMPERATURE ON RECEIPT C°: _____

Relinquished by: (Signature)	Received by: (Signature)	Date: 7-6-10	Time: 1600
Relinquished by: (Signature) (Sample Custody)	Received by: (Signature) Tom O'Malley CEC	Date: 7/7/10	Time: 1245
Relinquished by: (Signature) 7-7-10 1730	Received by: (Signature) Wdata CEC	Date: 7/8/10	Time: 0815

05/2/06 Revision

C446

GSO

WebShip >>>>>

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
CRA, WPI, BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 514497150

NPS

ORC

D

GARDEN GROVE

D92843A

82927576

Print Date : 07/07/10 15:12 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-07-0446

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: BTS DATE: 07/08/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.8 °C + 0.5 °C (CF) = 2.3 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: WB

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: WB

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: SO

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** _____

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** _____

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience
Environmental
Laboratories, Inc.

August 25, 2010

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.: 10-08-0994**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/12/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: N/A
Method: EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-08-0994-1-E**	**08/10/10 09:30**	**Aqueous**	**IC 9**	**N/A**	**08/24/10 13:59**	**100824L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	2.4	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**10-08-0994-2-F**	**08/10/10 10:20**	**Aqueous**	**IC 9**	**N/A**	**08/16/10 22:56**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	190	2.0	2		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-08-0994-3-F**	**08/10/10 11:00**	**Aqueous**	**IC 9**	**N/A**	**08/16/10 23:42**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	4400	100	100		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-08-0994-4-F**	**08/10/10 11:20**	**Aqueous**	**IC 9**	**N/A**	**08/16/10 23:57**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	7.6	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-08-0994-5-F**	**08/10/10 11:50**	**Aqueous**	**IC 9**	**N/A**	**08/17/10 00:13**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	280	5.0	5		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-08-0994-6-F**	**08/10/10 12:10**	**Aqueous**	**IC 9**	**N/A**	**08/17/10 00:28**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	2.9	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	08/12/10
312 Piercy Rd.	Work Order No:	10-08-0994
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 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	**099-12-906-1,202**	**N/A**	**Aqueous**	**IC 9**	**N/A**	**08/16/10 19:20**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-906-1,209**	**N/A**	**Aqueous**	**IC 9**	**N/A**	**08/24/10 12:27**	**100824L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-08-0994-1-B**	**08/10/10 09:30**	**Aqueous**	**GC/MS QQ**	**08/18/10**	**08/18/10 22:21**	**100818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Ethylbenzene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Toluene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Xylenes (total)	ND	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	12	5.0	5		TPPH	430	250	5	
Tert-Butyl Alcohol (TBA)	3700	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	80-126		1,2-Dichloroethane-d4	102	80-131	
Toluene-d8	96	80-120		Toluene-d8-TPPH	97	88-112	
1,4-Bromofluorobenzene	85	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**10-08-0994-2-A**	**08/10/10 10:20**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 03:56**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	210	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	80-126		1,2-Dichloroethane-d4	105	80-131	
Toluene-d8	95	80-120		Toluene-d8-TPPH	96	88-112	
1,4-Bromofluorobenzene	85	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-08-0994-3-A**	**08/10/10 11:00**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 05:44**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.9	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	55	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	10	1.0	1		TPPH	1700	50	1	
Tert-Butyl Alcohol (TBA)	550	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	93	80-126		1,2-Dichloroethane-d4	93	80-131	
Toluene-d8	97	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	97	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-08-0994-4-A**	**08/10/10 11:20**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 06:11**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.2	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	1.3	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	19	1.0	1		TPPH	710	50	1	
Tert-Butyl Alcohol (TBA)	820	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	94	80-131	
Toluene-d8	97	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	91	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-08-0994-5-A**	**08/10/10 11:50**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 06:38**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	60	1.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Ethylbenzene	85	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
Toluene	2.8	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Xylenes (total)	12	2.0	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	48	2.0	2		TPPH	9800	500	10	
Tert-Butyl Alcohol (TBA)	990	20	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	89	80-126		1,2-Dichloroethane-d4	91	80-131	
Toluene-d8	100	80-120		Toluene-d8-TPPH	102	88-112	
1,4-Bromofluorobenzene	97	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-08-0994-6-A**	**08/10/10 12:10**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 07:04**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	2.6	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	1.6	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	2.9	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	20	1.0	1		TPPH	2700	50	1	
Tert-Butyl Alcohol (TBA)	1800	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	92	80-126		1,2-Dichloroethane-d4	91	80-131	
Toluene-d8	98	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	96	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L

Project: 3790 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	**099-12-767-4,473**	**N/A**	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10 03:02**	**100817L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	80-126		1,2-Dichloroethane-d4	103	80-131	
Toluene-d8	94	80-120		Toluene-d8-TPPH	96	88-112	
1,4-Bromofluorobenzene	85	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-4,475**	**N/A**	**Aqueous**	**GC/MS QQ**	**08/18/10**	**08/18/10 16:00**	**100818L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	80-126		1,2-Dichloroethane-d4	101	80-131	
Toluene-d8	97	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	86	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-08-0994-1-E**	**08/10/10 09:30**	**Aqueous**	**ICP 5300**	**08/24/10**	**08/24/10 17:30**	**100824LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	9.41	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**10-08-0994-2-E**	**08/10/10 10:20**	**Aqueous**	**ICP 5300**	**08/24/10**	**08/24/10 17:32**	**100824LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	1.09	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-08-0994-3-E**	**08/10/10 11:00**	**Aqueous**	**ICP 5300**	**08/12/10**	**08/12/10 20:20**	**100812LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	12.2	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-08-0994-4-E**	**08/10/10 11:20**	**Aqueous**	**ICP 5300**	**08/24/10**	**08/25/10 11:31**	**100824LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	1.84	0.500	5		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-08-0994-5-E**	**08/10/10 11:50**	**Aqueous**	**ICP 5300**	**08/12/10**	**08/12/10 20:23**	**100812LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	9.21	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-08-0994-6-E**	**08/10/10 12:10**	**Aqueous**	**ICP 5300**	**08/12/10**	**08/12/10 20:25**	**100812LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	6.90	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 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	**097-01-003-10,873**	**N/A**	**Aqueous**	**ICP 5300**	**08/12/10**	**08/13/10 13:06**	**100812LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-10,906**	**N/A**	**Aqueous**	**ICP 5300**	**08/24/10**	**08/24/10 21:08**	**100824LA5**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

LABORATORY ID: 10-08-0994

Method: EPA 6010B (Calculation)
Matrix: Water/Aqueous

CLIENT: Delta Environmental Consultants, Inc.
PROJECT: 3790 Hopyard Rd., Pleasanton, CA

Results

Sample ID	Ferric Iron (Fe+3) mg/L	Dilution Factor	Reporting Limit	Date Extracted	Date Analyzed
S-6	4.81	1	0.10	08/24/10	08/24/10
S-3	ND	1	0.10	08/24/10	08/24/10
S-4	7.4	1	0.10	08/12/10	08/12/10
SR-2	ND	1	0.10	08/24/10	08/24/10
S-2	4.61	1	0.10	08/12/10	08/12/10
SR-3	2.3	1	0.10	08/12/10	08/12/10

Reporting Limit: 0.10

Laboratory Notes

Ferrous Iron results were done in the field.

Key: ND=Not Detected at the reporting level, NA=Not applicable

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-0896-4	**Aqueous**	**ICP 5300**	**08/12/10**	**08/13/10**	**100812SA5**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	113	117	65-149	4	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

Delta Environmental Consultants, Inc.		Date Received	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
10-08-0896-4	**Aqueous**	**ICP 5300**	**08/12/10**	**08/13/10**	**100812SA5**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	111	109	75-125	2	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1869-1	**Aqueous**	**ICP 5300**	**08/24/10**	**08/25/10**	**100824SA5**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	96	96	65-149	0	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

Delta Environmental Consultants, Inc.		Date Received	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
10-08-1869-1	**Aqueous**	**ICP 5300**	**08/24/10**	**08/25/10**	**100824SA5**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	98	99	75-125	1	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	N/A
		Method:	EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1042-1	**Aqueous**	**IC 9**	**N/A**	**08/17/10**	**100816S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	106	106	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/12/10
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	N/A
		Method:	EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1779-5	**Aqueous**	**IC 9**	**N/A**	**08/24/10**	**100824S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	95	95	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-3	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10**	**100817S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	80-120	0	0-20	
Ethylbenzene	106	108	73-127	3	0-20	
Toluene	95	96	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	95	97	65-131	1	0-22	
Tert-Butyl Alcohol (TBA)	99	103	62-134	3	0-20	
Diisopropyl Ether (DIPE)	91	92	64-136	0	0-29	
Ethyl-t-Butyl Ether (ETBE)	95	96	70-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	102	103	71-125	1	0-20	
Ethanol	55	58	44-152	3	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/12/10
Work Order No: 10-08-0994
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1311-1	**Aqueous**	**GC/MS QQ**	**08/18/10**	**08/18/10**	**100818S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	96	80-120	1	0-20	
Ethylbenzene	109	107	73-127	2	0-20	
Toluene	97	97	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	98	100	65-131	2	0-22	
Tert-Butyl Alcohol (TBA)	111	106	62-134	5	0-20	
Diisopropyl Ether (DIPE)	95	95	64-136	1	0-29	
Ethyl-t-Butyl Ether (ETBE)	99	100	70-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	107	107	71-125	0	0-20	
Ethanol	111	106	44-152	4	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.		Date Received:	N/A
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-10,873	**Aqueous**	**ICP 5300**	**08/12/10**	**08/13/10**	**100812LA5**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	103	102	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.		Date Received:	N/A
312 Piercy Rd.		Work Order No:	10-08-0994
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-10,906	**Aqueous**	**ICP 5300**	**08/24/10**	**08/24/10**	**100824LA5**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	101	99	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-08-0994
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,202	**Aqueous**	**IC 9**	**N/A**	**08/16/10**	**100816L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	104	104	90-110	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-08-0994
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,209	**Aqueous**	**IC 9**	**N/A**	**08/24/10**	**100824L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	102	102	90-110	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: N/A
Work Order No: 10-08-0994
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,473	**Aqueous**	**GC/MS QQ**	**08/17/10**	**08/18/10**	**100817L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	94	80-120	1	0-20	
Ethylbenzene	107	106	80-123	2	0-20	
Toluene	95	94	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	96	99	75-123	2	0-25	
Tert-Butyl Alcohol (TBA)	90	97	72-126	7	0-20	
Diisopropyl Ether (DIPE)	93	93	75-129	0	0-22	
Ethyl-t-Butyl Ether (ETBE)	98	99	76-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	104	104	79-121	0	0-20	
Ethanol	91	85	53-143	7	0-25	
TPPH	99	97	65-135	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-08-0994
San Jose, CA 95138-1401	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,475	**Aqueous**	**GC/MS QQ**	**08/18/10**	**08/18/10**	**100818L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	80-120	0	0-20	
Ethylbenzene	108	107	80-123	0	0-20	
Toluene	96	96	80-120	0	0-20	
Methyl-t-Butyl Ether (MTBE)	105	101	75-123	4	0-25	
Tert-Butyl Alcohol (TBA)	95	105	72-126	10	0-20	
Diisopropyl Ether (DIPE)	98	94	75-129	3	0-22	
Ethyl-t-Butyl Ether (ETBE)	104	101	76-124	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	110	112	79-121	2	0-20	
Ethanol	86	105	53-143	21	0-25	
TPPH	97	94	65-135	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-08-0994

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

LAB (LOCATION)

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

Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

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

Print Bill To Contact Name: Angela Pico

INCIDENT # (ENV SERVICES): 98995842 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: [redacted]1357842

DATE: 8/10/10

PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants
LOG CODE:
ADDRESS: 312 Piercy Road, San Jose, CA 95138
PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard
TELEPHONE: 408-826-1875
FAX: 408-225-8506
E-MAIL: RBussard@deltaenv.com

SITE ADDRESS: Street and City: 3790 Hopyard Road; Pleasanton
State: CA
GLOBAL ID NO.: T0600101257
EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico
PHONE NO.: 408-826-1876
E-MAIL: apico@deltaenv.com
CONSULTANT PROJECT NO.: SCA5251H1D
Sampler Name: Sara Sichley
LAB USE ONLY: 10-08-0994

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:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES :

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

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Gasoline Hydrocarbons: TPH-Gasoline (8260B)	BTEX (8260B)	Fuel Oxys, ethanol (8260B)	pH	Sulfate Indicators: Sulfate	Ferrous Iron	Ferric Iron	Waste Characterization	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-6	8/10/10	0930	W	4	1		1		6	X	X	X	7.47	X	4.6	X		
2	S-3	↓	1020	W	4	1		1		6	X	X	X	7.42	X	1.0	X		
3	S-4		1100	W	4	1		1		6	X	X	X	7.51	X	48	X		
4	SR-2		1120	W	4	1		1		6	X	X	X	7.52	X	29	X		
5	S-2		1150	W	4	1		1		6	X	X	X	7.62	X	46	X		
6	SR-3		1210	W	4	1		1		6	X	X	X	7.48	X	4.4	X		

Relinquished by: (Signature) Sara Sichley	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/12/10	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

0994

[redacted]

ANY Delta ...
SS ... Parkway ...
SS
STE/ ROOM
ZIP CODE 95 13...
... San Jose
RS ...
PHONE NUMBER (626) ...

ANY
SCIENCE
PHONE NUMBER 714-895-5494
SS
LINCOLN WAY
SS
STE/ ROOM
RDEN GROVE
ZIP CODE 92841

TERNAL BILLING
NCE WILL APPEAR
R INVOICE

NS

GSO
GOLDEN STATE OVERNIGHT
1-800-322-5555
WWW.GSO.COM

SHIPPING AIR BILL

PACKAGE LABEL

4 PACKAGE INFORMATION
- ☐ LETTER (MAX 8 OZ)
- ☐ PACKAGE (WT) ____________
- ☐ DECLARED VALUE $__________
- ☐ COD AMOUNT $__________ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE
- ☐ PRIORITY OVERNIGHT BY 10:30 AM
- ☐ EARLY PRIORITY BY 8:00 AM
- ☐ SATURDAY DELIVERY

*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE ____________________
SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION ____________________
TIME DRIVER # ROUTE #

106193807

PEEL OFF HERE

106193807

9 GSO TRACKING NUMBER

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-08-0994

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta

DATE: 08/12/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.4 °C + 0.5 °C (CF) = 3.9 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** WSC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☑ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑4VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☑250PB ☑250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** WSC

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** DC

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** WSC

Calscience
Environmental
Laboratories, Inc.

August 24, 2010

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.: 10-08-1083**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/13/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/13/10
Work Order No: 10-08-1083
Preparation: N/A
Method: EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-08-1083-1-A**	**08/11/10 16:15**	**Aqueous**	**IC 9**	**N/A**	**08/17/10 02:16**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	62000	2000	2000		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-08-1083-2-A**	**08/11/10 16:30**	**Aqueous**	**IC 9**	**N/A**	**08/17/10 02:31**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	13000	500	500		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-906-1,202**	**N/A**	**Aqueous**	**IC 9**	**N/A**	**08/16/10 19:20**	**100816L02**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/13/10
312 Piercy Rd.		Work Order No:	10-08-1083
San Jose, CA 95138-1401		Preparation:	N/A
		Method:	EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1042-1	**Aqueous**	**IC 9**	**N/A**	**08/17/10**	**100816S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	106	106	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-08-1083
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,202	**Aqueous**	**IC 9**	**N/A**	**08/16/10**	**100816L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	104	104	90-110	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-08-1083

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

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: Angela Pico

PO #:

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2

☐ CHECK IF NO INCIDENT # APPLIES

SAP #: [redacted] 1 3 5 7 8 4

DATE: 8-11-10

PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants	LOG CODE:	SITE ADDRESS: Street and City: 3790 Hopyard Road; Pleasanton	State: CA
ADDRESS: 312 Piercy Road, San Jose, CA 95138		GLOBAL ID NO.: T0600101257	
PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard		EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico	PHONE NO.: 408-826-1876
TELEPHONE: 408-826-1875	FAX: 408-225-8506	E-MAIL: apico@deltaenv.com	CONSULTANT PROJECT NO.: SCA5251H1D
E-MAIL: RBussard@deltaenv.com		Sampler Name: Sara Sichley	LAB USE ONLY: 08-1083

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

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.	Gasoline Hydrocarbons: TPH-Gasoline (8260B)	BTEX (8260B)	Fuel Oxys, ethanol (8260B)				pH		Sulfate Indicators: Sulfate	Ferrous Iron	Ferric Iron					Waste Characterization			Container PID Readings or Laboratory Notes
1	S-2	8-11-10	16:15	WATER				X											X										
2	S-4	8-11-10	16:30	WATER				X											X										

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Joe Duma[illegible] / DELTA		8-12-10	11:00 AM
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/13/10	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

1083

DATE 3-12-2015

COMPANY DEPT OF CONSERVATION 9255

ADDRESS 801 K ST MS 24-01

ADDRESS STE/ ROOM

CITY SACRAMENTO ZIP CODE 95814

SENDER'S NAME JOE SUMNER PHONE NUMBER 408-836-4184

COMPANY CAL SCIENCE

NAME PHONE NUMBER 714-895-5494

ADDRESS 7440 LINCOLN WAY

ADDRESS STE/ ROOM

CITY GARDEN GROVE ZIP CODE 92841

YOUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE SCA3790H1D

CIAL TRUCTIONS

GSO GOLDEN STATE OVERNIGHT

1-800-322-5555

WWW.GSO.COM

SHIPPING AIR BILL

PACKAGE LABEL

4 PACKAGE INFORMATION

☐ LETTER (MAX 8 OZ)

☐ PACKAGE (WT) _____

☐ DECLARED VALUE $ _____

☐ COD AMOUNT $ _____ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE

☒ PRIORITY OVERNIGHT BY 10:30 AM

☐ EARLY PRIORITY BY 8:00 AM

☐ SATURDAY DELIVERY

*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE _____

SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION _____

TIME DRIVER # ROUTE #

106280221 PEEL OFF HERE

9 GSO TRACKING NUMBER 106280221

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-08-1083

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta DATE: 08/13/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.6 °C + 0.5 °C (CF) = 3.1 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: WSC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☑250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** WSC

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** WB

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** WSC

Calscience
Environmental
Laboratories, Inc.

September 08, 2010

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.: 10-08-2149**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 8/27/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 08/27/10
Work Order No: 10-08-2149
Preparation: N/A
Method: EPA 300.0

Project: 3790 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	**10-08-2149-1-A**	**08/26/10 10:20**	**Aqueous**	**IC 9**	**N/A**	**08/27/10 18:45**	**100827L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	7700	200	200		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-08-2149-2-A**	**08/26/10 10:25**	**Aqueous**	**IC 9**	**N/A**	**08/27/10 19:00**	**100827L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	7.2	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-08-2149-3-A**	**08/26/10 10:40**	**Aqueous**	**IC 9**	**N/A**	**08/27/10 19:15**	**100827L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	5100	100	100		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-08-2149-4-A**	**08/26/10 10:50**	**Aqueous**	**IC 9**	**N/A**	**08/27/10 19:46**	**100827L01**

Comment(s): -The reporting limit is elevated resulting from matrix interference.

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	5.0	5		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-906-1,235**	**N/A**	**Aqueous**	**IC 9**	**N/A**	**08/27/10 12:35**	**100827L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	08/27/10
312 Piercy Rd.		Work Order No:	10-08-2149
San Jose, CA 95138-1401		Preparation:	N/A
		Method:	EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-4	**Aqueous**	**IC 9**	**N/A**	**08/28/10**	**100827S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	110	111	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-08-2149
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,235	**Aqueous**	**IC 9**	**N/A**	**08/27/10**	**100827L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	104	102	90-110	2	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-08-2149

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

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: Regina Bussard

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 1 3 5 7 8 4

DATE: 8/26/10

PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants	LOG CODE:
ADDRESS: 312 Piercy Road, San Jose, CA 95138	
PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard	
TELEPHONE: 408-826-1875	FAX: 408-225-8506
E-MAIL: RBussard@deltaenv.com	

SITE ADDRESS: Street and City: 3790 Hopyard Road; Pleasanton	State: CA	GLOBAL ID NO.: T0600101257	
EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico	PHONE NO.: 408-826-1862	E-MAIL: apico@deltaenv.com	CONSULTANT PROJECT NO.: SCA3790H1D
Sampler Name: Matt Lambert		LAB USE ONLY: 09-2149	

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Gasoline Hydrocarbons: TPH-Gasoline (8260B)	BTEX (8260B)	MTBE (8260B)	pH	Sulfate Indicators: Sulfate	Ferrous Iron	Ferric Iron	Waste Characterization	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-4	8/26/10	10:20	Water						1					X				
2	SR-2	↓	10:25	Water						1					X				
3	S-2		10:40	Water						1					X				
4	SR-3		10:50	Water						1					X				

Relinquished by: (Signature)	Received by: (Signature)	Date: 8/26/10	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 8/27/10	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

2149

DATE 8/26/10 SHIPPERS GSO ACCOUNT NO. 3255

COMPANY Delta

ADDRESS 3102 Piercy Rd

ADDRESS STE/ ROOM

CITY San Jose ZIP CODE 95138

SENDERS NAME PHONE NUMBER 408826-1872

COMPANY CAL SCIENCE

NAME PHONE NUMBER 714 895 5494

ADDRESS 7440 LINCOLN WAY

ADDRESS STE/ ROOM

CITY GARDEN GROVE ZIP CODE 92841

OUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE

INSTRUCTIONS

GSO GOLDEN STATE OVERNIGHT

1-800-322-5555

WWW.GSO.COM

SHIPPING AIR BILL

GSO COPY

4 PACKAGE INFORMATION

☐ LETTER (MAX 8 OZ)

☐ PACKAGE (WT) _____

☐ DECLARED VALUE $ _____

☐ COD AMOUNT $ _____ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE ☐ PRIORITY OVERNIGHT BY 10:30 AM ☐ EARLY PRIORITY BY 8:00 AM ☐ SATURDAY DELIVERY

*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVERNIGHT.

6 RELEASE SIGNATURE _____ SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7 CREDIT CARD ☐ M/C ☐ VISA ☐ AM EX CREDIT CARD NUMBER EXP. DATE

8 PICK UP INFORMATION _____ TIME DRIVER # ROUTE #

105866711

105866711

9 GSO TRACKING NUMBER

ORC

GSO GOLDEN STATE OVERNIGHT 1-800-322-5555 www.gso.com

PDS

GARDEN GROVE

92841 21 lb 1/V12

D

84241764 1008262159

D92843A

CSL-06

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-08-2149

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta DATE: 08/27/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.8 °C + 0.5 °C (CF) = 4.3 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: JP

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: _____

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐ 8/27/10
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☑250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** _____

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** _____

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience
Environmental
Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

September 21, 2010

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.: 10-09-0606**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/9/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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,

for

Calscience Environmental
Laboratories, Inc.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 09/09/10
Work Order No: 10-09-0606
Preparation: N/A
Method: EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-09-0606-1-E**	**09/08/10 09:15**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 18:34**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	8.5	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-09-0606-2-E**	**09/08/10 10:00**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 18:49**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	3600	100	100		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-09-0606-3-E**	**09/08/10 10:30**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 19:05**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	4.6	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-09-0606-4-E**	**09/08/10 11:00**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 19:20**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-09-0606-5-E**	**09/08/10 11:30**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 20:22**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	2600	50	50		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-906-1,260**	**N/A**	**Aqueous**	**IC 7**	**N/A**	**09/09/10 11:21**	**100909L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Delta Environmental Consultants, Inc.	Date Received:	09/09/10
312 Piercy Rd.	Work Order No:	10-09-0606
San Jose, CA 95138-1401	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260C
	Units:	ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-09-0606-1-D**	**09/08/10 09:15**	**Aqueous**	**GC/MS R**	**09/15/10**	**09/15/10 20:56**	**100915L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Ethylbenzene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Toluene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Xylenes (total)	ND	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	15	5.0	5		TPPH	1100	250	5	
Tert-Butyl Alcohol (TBA)	4100	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	80-126		1,2-Dichloroethane-d4	102	80-131	
Toluene-d8	101	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	99	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-09-0606-2-D**	**09/08/10 10:00**	**Aqueous**	**GC/MS R**	**09/15/10**	**09/15/10 21:25**	**100915L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.4	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	57	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	1.2	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	4.6	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	25	1.0	1		TPPH	2100	50	1	
Tert-Butyl Alcohol (TBA)	430	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	107	80-131	
Toluene-d8	100	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	101	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-09-0606-3-D**	**09/08/10 10:30**	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10 18:04**	**100917L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.9	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	1.9	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	24	1.0	1		TPPH	490	50	1	
Tert-Butyl Alcohol (TBA)	720	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	80-126		1,2-Dichloroethane-d4	105	80-131	
Toluene-d8	100	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	98	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.		Date Received:	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260C
		Units:	ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-09-0606-4-D**	**09/08/10 11:00**	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10 18:33**	**100917L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	24	1.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Ethylbenzene	4.5	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
Toluene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Xylenes (total)	3.7	2.0	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	19	2.0	2		TPPH	2000	100	2	
Tert-Butyl Alcohol (TBA)	1100	20	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	80-126		1,2-Dichloroethane-d4	100	80-131	
Toluene-d8	101	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	100	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-09-0606-5-D**	**09/08/10 11:30**	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10 19:03**	**100917L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	80	2.5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Ethylbenzene	120	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Toluene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Xylenes (total)	18	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	56	5.0	5		TPPH	10000	250	5	
Tert-Butyl Alcohol (TBA)	1200	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	80-126		1,2-Dichloroethane-d4	105	80-131	
Toluene-d8	98	80-120		Toluene-d8-TPPH	96	88-112	
1,4-Bromofluorobenzene	97	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-106-60**	**N/A**	**Aqueous**	**GC/MS R**	**09/15/10**	**09/15/10 18:59**	**100915L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	80-126		1,2-Dichloroethane-d4	109	80-131	
Toluene-d8	99	80-120		Toluene-d8-TPPH	97	88-112	
1,4-Bromofluorobenzene	97	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.		Date Received:	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260C
		Units:	ug/L

Project: 3790 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	**099-14-106-90**	**N/A**	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10 16:05**	**100917L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	80-126		1,2-Dichloroethane-d4	100	80-131	
Toluene-d8	100	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	95	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 09/09/10
Work Order No: 10-09-0606
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-09-0606-1-F**	**09/08/10 09:15**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 15:55**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	6.81	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-09-0606-2-F**	**09/08/10 10:00**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 15:57**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	11.8	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-09-0606-3-F**	**09/08/10 10:30**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 15:58**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	1.57	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-09-0606-4-F**	**09/08/10 11:00**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 16:00**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	7.01	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-09-0606-5-F**	**09/08/10 11:30**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 16:05**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	30.1	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-003-10,964**	**N/A**	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10 12:56**	**100910LA4**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

LABORATORY ID: 10-09-0606

Method: EPA 6010B (Calculation)
Matrix: Water/Aqueous

CLIENT: Delta Environmental Consultants, Inc.
PROJECT: 3790 Hopyard Road, Pleasanton, CA

Results

Sample ID	Ferric Iron (Fe+3) mg/L	Dilution Factor	Reporting Limit	Date Extracted	Date Analyzed
S-6	3.41	1	0.10	09/10/10	09/11/10
S-4	6.6	1	0.10	09/10/10	09/11/10
SR-2	ND *	1	0.10	09/10/10	09/11/10
SR-3	0.81	1	0.10	09/10/10	09/11/10
S-2	24.3	1	0.10	09/10/10	09/11/10
Reporting Limit:	0.10				

Laboratory Notes

Ferrous Iron results were done in the field.

* Total Iron concentration is less than Ferrous Iron concentration

Key: ND=Not Detected at the reporting level, NA=Not applicable

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-08-1151-2	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10**	**100910SA4**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	97	98	65-149	1	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

Delta Environmental Consultants, Inc.		Date Received	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
10-08-1151-2	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10**	**100910SA4**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	95	95	75-125	0	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	N/A
		Method:	EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-09-0667-1	**Aqueous**	**IC 7**	**N/A**	**09/09/10**	**100909S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	97	96	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.		Date Received:	09/09/10
312 Piercy Rd.		Work Order No:	10-09-0606
San Jose, CA 95138-1401		Preparation:	EPA 5030C
		Method:	LUFT GC/MS / EPA 8260C

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-09-0777-1	**Aqueous**	**GC/MS R**	**09/15/10**	**09/15/10**	**100915S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	93	80-120	6	0-20	
Ethylbenzene	104	96	73-127	8	0-20	
Toluene	98	92	80-120	6	0-20	
Methyl-t-Butyl Ether (MTBE)	100	93	65-131	7	0-22	
Tert-Butyl Alcohol (TBA)	101	92	62-134	9	0-20	
Diisopropyl Ether (DIPE)	101	88	64-136	14	0-29	
Ethyl-t-Butyl Ether (ETBE)	101	91	70-124	10	0-20	
Tert-Amyl-Methyl Ether (TAME)	100	93	71-125	7	0-20	
Ethanol	72	63	44-152	12	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 09/09/10
Work Order No: 10-09-0606
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260C

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-09-0721-1	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10**	**100917S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	91	80-120	2	0-20	
Ethylbenzene	95	93	73-127	2	0-20	
Toluene	92	92	80-120	1	0-20	
Methyl-t-Butyl Ether (MTBE)	93	93	65-131	1	0-22	
Tert-Butyl Alcohol (TBA)	110	100	62-134	9	0-20	
Diisopropyl Ether (DIPE)	87	87	64-136	0	0-29	
Ethyl-t-Butyl Ether (ETBE)	85	86	70-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	90	87	71-125	3	0-20	
Ethanol	80	70	44-152	12	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-09-0606
San Jose, CA 95138-1401	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-10,964	**Aqueous**	**ICP 5300**	**09/10/10**	**09/11/10**	**100910LA4**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	100	98	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-09-0606
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,260	**Aqueous**	**IC 7**	**N/A**	**09/09/10**	**100909L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	98	100	90-110	2	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: N/A
Work Order No: 10-09-0606
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260C

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-106-60	**Aqueous**	**GC/MS R**	**09/15/10**	**09/15/10**	**100915L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	99	80-120	9	0-20	
Ethylbenzene	93	101	80-123	8	0-20	
Toluene	89	98	80-120	10	0-20	
Methyl-t-Butyl Ether (MTBE)	98	103	75-123	5	0-25	
Tert-Butyl Alcohol (TBA)	99	109	72-126	10	0-20	
Diisopropyl Ether (DIPE)	94	103	75-129	9	0-22	
Ethyl-t-Butyl Ether (ETBE)	93	101	76-124	9	0-20	
Tert-Amyl-Methyl Ether (TAME)	92	99	79-121	7	0-20	
Ethanol	80	81	53-143	1	0-25	
TPPH	69	77	65-135	11	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: N/A
Work Order No: 10-09-0606
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260C

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-106-90	**Aqueous**	**GC/MS R**	**09/17/10**	**09/17/10**	**100917L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	91	80-120	2	0-20	
Ethylbenzene	98	96	80-123	2	0-20	
Toluene	93	90	80-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	94	98	75-123	4	0-25	
Tert-Butyl Alcohol (TBA)	98	101	72-126	3	0-20	
Diisopropyl Ether (DIPE)	97	96	75-129	1	0-22	
Ethyl-t-Butyl Ether (ETBE)	94	97	76-124	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	93	92	79-121	1	0-20	
Ethanol	76	90	53-143	18	0-25	
TPPH	80	83	65-135	4	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-09-0606

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [x] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Angela Pico

INCIDENT # (ENV SERVICES): 98995842 [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 9/8/10

PAGE: 1 of 1

PO #:

SAP #: 131578

SAMPLING COMPANY: Delta Consultants

LOG CODE:

SITE ADDRESS: Street and City: 3790 Hopyard Road; Pleasanton

State: CA

GLOBAL ID NO.: T0600101257

ADDRESS: 312 Piercy Road, San Jose, CA 95138

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico

PHONE NO.: 408-826-1876

E-MAIL: apico@deltaenv.com

CONSULTANT PROJECT NO.: SCA5251H1D

PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard

TELEPHONE: 408-826-1875

FAX: 408-225-8506

E-MAIL: RBussard@deltaenv.com

Sampler Name: Sara Sichley

LAB USE ONLY: 04-0606

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

REQUESTED ANALYSIS

- [ ] LA - RWQCB REPORT FORMAT
- [ ] UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :
- [x] SHELL CONTRACT RATE APPLIES
- [ ] STATE REIMBURSEMENT RATE APPLIES
- [ ] EDD NOT NEEDED
- [ ] RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	Gasoline Hydrocarbons: TPH-Gasoline (8260B)	BTEX (8260B)	Fuel Oxys, ethanol (8260B)	pH	Sulfate Indicators: Sulfate	Ferrous Iron	Ferric Iron	Waste Characterization	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	S-6	9/8/10	9:15	W	4	1		1		6	X	X	X	6.55	X	3.4	X		
2	S-4		10:00	W	4	1		1		6	X	X	X	6.3	X	5.2	X		
3	SR-2		10:30	W	4	1		1		6	X	X	X	6.65	X	2.4	X		
4	SR-3		11:00	W	4	1		1		6	X	X	X	6.57	X	6.2	X		
5	S-2		11:30	W	4	1		1		6	X	X	X	6.33	X	5.8	X		

Relinquished by: (Signature) Sara Sichley	Received by: (Signature) GSO	Date: 9/8/10	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/9/10	Time: 1000
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

PLEASE PRESS FIRMLY

SHIPPING AIR BILL

1 FROM

DATE 9/8/10

COMPANY Della Cardinals

ADDRESS 212 Kirkay Rd

ADDRESS

STE/ ROOM

CITY

ZIP CODE

SENDERS NAME Sara Sellers

PHONE NUMBER

2 TO

COMPANY

NAME

PHONE NUMBER

ADDRESS

ADDRESS

STE/ ROOM

CITY RODEN GROVE

ZIP CODE

3 YOUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE

SPECIAL INSTRUCTIONS

GSO
GOLDEN STATE OVERNIGHT

1-800-322-5555

WWW.GSO.COM

4 PACKAGE INFORMATION

- ☐ LETTER (MAX 8 OZ)
- ☐ PACKAGE (WT) _____
- ☐ DECLARED VALUE $_____
- ☐ COD AMOUNT $_____ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE

☐ PRIORITY OVERNIGHT BY 10:30 AM ☐ EARLY PRIORITY BY 8:00 AM ☐ SATUF DELIVI

*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STAT

6 RELEASE SIGNATURE

SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION _____ TIME _____ DRIVER # _____ ROUTE #

106193803

PEEL OFF HERE

106193803

9 GSO TRACKING NUMBER

0606

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-09-0606

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta

DATE: 09/09/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.4 °C + 0.5 °C (CF) = 2.9 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: JJ

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: JJ

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: CK

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☑ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☑250PB ☑250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** CK

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** DC

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** hL

Calscience
Environmental
Laboratories, Inc.

October 19, 2010

Regina Bussard
Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Subject: **Calscience Work Order No.: 10-10-0508**
Client Reference: 3790 Hopyard Rd., Pleasanton, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/7/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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.
Xuan H. Dang
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: N/A
Method: EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-10-0508-1-E**	**10/06/10 09:30**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 12:10**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	5.6	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-10-0508-2-E**	**10/06/10 10:20**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 12:25**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	3100	100	100		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-10-0508-3-E**	**10/06/10 10:40**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 12:41**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	2.1	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-10-0508-4-E**	**10/06/10 11:25**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 12:56**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	1200	20	20		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-10-0508-5-E**	**10/06/10 11:45**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 13:12**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**10-10-0508-6-E**	**10/06/10 12:45**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 13:27**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	150	2.0	2		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	10/07/10
312 Piercy Rd.	Work Order No:	10-10-0508
San Jose, CA 95138-1401	Preparation:	N/A
	Method:	EPA 300.0

Project: 3790 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	**099-12-906-1,312**	**N/A**	**Aqueous**	**IC 7**	**N/A**	**10/08/10 10:38**	**101008L01**

Parameter	Result	RL	DF	Qual	Units
Sulfate	ND	1.0	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-10-0508-1-A**	**10/06/10 09:30**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 06:27**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Ethylbenzene	ND	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Toluene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Xylenes (total)	ND	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	11	5.0	5		TPPH	870	250	5	
Tert-Butyl Alcohol (TBA)	4400	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	80-126		1,2-Dichloroethane-d4	83	80-131	
Toluene-d8	99	80-120		Toluene-d8-TPPH	100	88-112	
1,4-Bromofluorobenzene	93	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-10-0508-2-A**	**10/06/10 10:20**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 06:54**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.8	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	74	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	1.8	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	27	1.0	1		TPPH	1700	50	1	
Tert-Butyl Alcohol (TBA)	1400	20	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	82	80-131	
Toluene-d8	99	80-120		Toluene-d8-TPPH	100	88-112	
1,4-Bromofluorobenzene	96	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-10-0508-3-A**	**10/06/10 10:40**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 07:20**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.3	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	2.0	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	21	1.0	1		TPPH	750	50	1	
Tert-Butyl Alcohol (TBA)	940	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	83	80-131	
Toluene-d8	98	80-120		Toluene-d8-TPPH	98	88-112	
1,4-Bromofluorobenzene	93	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-10-0508-4-A**	**10/06/10 11:25**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 07:46**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	66	2.5	5		Diisopropyl Ether (DIPE)	ND	10	5	
Ethylbenzene	100	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Toluene	ND	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Xylenes (total)	15	5.0	5		Ethanol	ND	500	5	
Methyl-t-Butyl Ether (MTBE)	39	5.0	5		TPPH	8700	250	5	
Tert-Butyl Alcohol (TBA)	1100	50	5						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	82	80-131	
Toluene-d8	98	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	94	80-120					

SR-3	**10-10-0508-5-A**	**10/06/10 11:45**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 08:13**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21	1.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Ethylbenzene	3.2	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
Toluene	ND	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Xylenes (total)	3.6	2.0	2		Ethanol	ND	200	2	
Methyl-t-Butyl Ether (MTBE)	19	2.0	2		TPPH	1800	100	2	
Tert-Butyl Alcohol (TBA)	1600	20	2						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	80-126		1,2-Dichloroethane-d4	82	80-131	
Toluene-d8	96	80-120		Toluene-d8-TPPH	97	88-112	
1,4-Bromofluorobenzene	95	80-120					

S-3	**10-10-0508-6-A**	**10/06/10 12:45**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 08:39**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	95	80-126		1,2-Dichloroethane-d4	83	80-131	
Toluene-d8	99	80-120		Toluene-d8-TPPH	100	88-112	
1,4-Bromofluorobenzene	93	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	10/07/10
312 Piercy Rd.	Work Order No:	10-10-0508
San Jose, CA 95138-1401	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 3790 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	**099-12-767-4,707**	**N/A**	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10 01:10**	**101013L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	80-126		1,2-Dichloroethane-d4	83	80-131	
Toluene-d8	99	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	94	80-120					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-4,709**	**N/A**	**Aqueous**	**GC/MS RR**	**10/14/10**	**10/14/10 13:26**	**101014L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Toluene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Ethanol	ND	100	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Tert-Butyl Alcohol (TBA)	ND	10	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	80-126		1,2-Dichloroethane-d4	102	80-131	
Toluene-d8	98	80-120		Toluene-d8-TPPH	99	88-112	
1,4-Bromofluorobenzene	92	80-120					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-6	**10-10-0508-1-F**	**10/06/10 09:30**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 11:54**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	8.78	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-4	**10-10-0508-2-F**	**10/06/10 10:20**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 12:03**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	32.3	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-2	**10-10-0508-3-F**	**10/06/10 10:40**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 12:08**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	2.03	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-2	**10-10-0508-4-F**	**10/06/10 11:25**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 12:22**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	15.1	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SR-3	**10-10-0508-5-F**	**10/06/10 11:45**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 12:23**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	6.09	0.100	1		mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	**10-10-0508-6-F**	**10/06/10 12:45**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 12:25**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	0.639	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Delta Environmental Consultants, Inc.	Date Received:	10/07/10
312 Piercy Rd.	Work Order No:	10-10-0508
San Jose, CA 95138-1401	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 3790 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	**097-01-003-11,038**	**N/A**	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10 11:15**	**101007LA8**

Parameter	Result	RL	DF	Qual	Units
Iron	ND	0.100	1		mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

LABORATORY ID: 10-10-0508

Method: EPA 6010B (Calculation)
Matrix: Water/Aqueous

CLIENT: Delta Environmental Consultants, Inc.
PROJECT: 3790 Hopyard Road, Pleasanton, CA

Results

Sample ID	Ferric Iron (Fe+3) mg/L	Dilution Factor	Reporting Limit	Date Extracted	Date Analyzed
S-6	5.38	1	0.10	10/07/10	10/08/10
S-4	29.1	1	0.10	10/07/10	10/08/10
SR-2	ND *	1	0.10	10/07/10	10/08/10
S-2	11.1	1	0.10	10/07/10	10/08/10
SR-3	3.29	1	0.10	10/07/10	10/08/10
S-3	ND *	1	0.10	10/07/10	10/08/10
Reporting Limit:	0.10				

Laboratory Notes

Ferrous Iron results were done in the field.

* Total Iron concentration is less than Ferrous Iron concentration

Key: ND=Not Detected at the reporting level, NA=Not applicable

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 3010A Total
Method: EPA 6010B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-6	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10**	**101007SA8**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	4X	4X	65-149	4X	0-21	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - PDS / PDSD

Delta Environmental Consultants, Inc.		Date Received	10/07/10
312 Piercy Rd.		Work Order No:	10-10-0508
San Jose, CA 95138-1401		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS / PDSD Batch Number
S-6	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10**	**101007SA8**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	4X	4X	75-125	4X	0-21	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: N/A
Method: EPA 300.0

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
S-6	**Aqueous**	**IC 7**	**N/A**	**10/08/10**	**101008S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	103	103	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-10-0512-3	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10**	**101013S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	96	80-120	2	0-20	
Ethylbenzene	92	94	73-127	2	0-20	
Toluene	90	92	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	87	88	65-131	1	0-22	
Tert-Butyl Alcohol (TBA)	83	83	62-134	1	0-20	
Diisopropyl Ether (DIPE)	86	88	64-136	2	0-29	
Ethyl-t-Butyl Ether (ETBE)	85	86	70-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	87	88	71-125	1	0-20	
Ethanol	105	105	44-152	1	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: 10/07/10
Work Order No: 10-10-0508
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-10-0512-2	**Aqueous**	**GC/MS RR**	**10/14/10**	**10/14/10**	**101014S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	91	80-120	2	0-20	
Ethylbenzene	95	92	73-127	4	0-20	
Toluene	90	87	80-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	94	90	65-131	4	0-22	
Tert-Butyl Alcohol (TBA)	87	86	62-134	1	0-20	
Diisopropyl Ether (DIPE)	130	125	64-136	4	0-29	
Ethyl-t-Butyl Ether (ETBE)	119	114	70-124	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	88	85	71-125	3	0-20	
Ethanol	119	115	44-152	3	0-43	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-10-0508
San Jose, CA 95138-1401	Preparation:	EPA 3010A Total
	Method:	EPA 6010B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-11,038	**Aqueous**	**ICP 5300**	**10/07/10**	**10/08/10**	**101007LA8**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Iron	103	104	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: N/A
Work Order No: 10-10-0508
Preparation: N/A
Method: EPA 300.0

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-906-1,312	**Aqueous**	**IC 7**	**N/A**	**10/08/10**	**101008L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Sulfate	102	102	90-110	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.
312 Piercy Rd.
San Jose, CA 95138-1401

Date Received: N/A
Work Order No: 10-10-0508
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,707	**Aqueous**	**GC/MS RR**	**10/13/10**	**10/14/10**	**101013L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	99	80-120	1	0-20	
Ethylbenzene	94	97	80-123	3	0-20	
Toluene	93	95	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	89	90	75-123	1	0-25	
Tert-Butyl Alcohol (TBA)	81	81	72-126	1	0-20	
Diisopropyl Ether (DIPE)	89	92	75-129	4	0-22	
Ethyl-t-Butyl Ether (ETBE)	87	90	76-124	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	90	92	79-121	2	0-20	
Ethanol	98	96	53-143	3	0-25	
TPPH	84	83	65-135	1	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Delta Environmental Consultants, Inc.	Date Received:	N/A
312 Piercy Rd.	Work Order No:	10-10-0508
San Jose, CA 95138-1401	Preparation:	EPA 5030C
	Method:	LUFT GC/MS / EPA 8260B

Project: 3790 Hopyard Rd., Pleasanton, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,709	**Aqueous**	**GC/MS RR**	**10/14/10**	**10/14/10**	**101014L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	95	80-120	4	0-20	
Ethylbenzene	95	98	80-123	3	0-20	
Toluene	89	92	80-120	3	0-20	
Methyl-t-Butyl Ether (MTBE)	90	94	75-123	5	0-25	
Tert-Butyl Alcohol (TBA)	87	90	72-126	4	0-20	
Diisopropyl Ether (DIPE)	129	134	75-129	4	0-22	X
Ethyl-t-Butyl Ether (ETBE)	118	122	76-124	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	87	91	79-121	4	0-20	
Ethanol	114	119	53-143	5	0-25	
TPPH	96	96	65-135	0	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-10-0508

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SPL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [x] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Angela Pico

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2 — [ ] CHECK IF NO INCIDENT # APPLIES

PO #:

SAP #: 1 3 5 7 8 4

DATE: _____

PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants	LOG CODE:	SITE ADDRESS: Street and City: 3790 Hopyard Road; Pleasanton	State: CA — GLOBAL ID NO.: T0600101257
ADDRESS: 312 Piercy Road, San Jose, CA 95138		EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico	PHONE NO.: 408-826-1876 — E-MAIL: apico@deltaenv.com — CONSULTANT PROJECT NO.: SCA5251H1D
PROJECT CONTACT (Hardcopy or PDF Report to): Regina Bussard		Sampler Name: Sara Sichley	LAB USE ONLY: 10-0508
TELEPHONE: 408-826-1875 — FAX: 408-225-8506	E-MAIL: RBussard@deltaenv.com		

TURNAROUND TIME (CALENDAR DAYS):
- [x] 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 :
- [x] 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.	Gasoline Hydrocarbons: TPH-Gasoline (8260B)	BTEX (8260B)	Fuel Oxys, ethanol (8260B)	pH	Sulfate Indicators: Sulfate	Ferrous Iron	Ferric Iron	Waste Characterization	Container PID Readings or Laboratory Notes
1	S-6	10/6/10	0930	W	4	1		1		6	X	X	X	6.51	X	3.4	X		
2	S-4		1020	W	4	1		1		6	X	X	X	6.54	X	3.2	X		
3	SR-2		1040	W	4	1		1		6	X	X	X	6.73	X	2.6	X		
4	S-2		1125	W	4	1		1		6	X	X	X	6.55	X	4.0	X		
5	SR-3		1145	W	4	1		1		6	X	X	X	6.58	X	2.8	X		
6	S-3		1245	W	4	1		1		6	X	X	X	6.39	X	0.8	X		

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature) Sara Sichley	Received by: (Signature) GSO	Date: 10/6/10	Time: 1500
Relinquished by: (Signature)	Received by: (Signature)	Date: 10/7/10	Time: 1030
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

05/2/06 Revision

0508

800-322-5555 www.gso.com

GSO

1-800-322-5555

WWW.GSO.COM

SHIPPING AIR BILL

1 FROM

DATE [redacted]

COMPANY

ADDRESS

ADDRESS STE/ROOM

CITY ZIP CODE

SENDERS NAME PHONE NUMBER

2 TO

COMPANY CAL SCIENCE

NAME PHONE NUMBER 714-895-5494

ADDRESS 7440 LINCOLN WAY

ADDRESS STE/ROOM

CITY GARDEN GROVE ZIP CODE

3 YOUR INTERNAL BILLING REFERENCE WILL APPEAR ON YOUR INVOICE

SPECIAL INSTRUCTIONS

Signature Type:
SIGNATURE REQUIRED

4 PACKAGE INFORMATION

☐ LETTER (MAX 8 OZ)

☐ PACKAGE (WT) ____

☐ DECLARED VALUE $____

☐ COD AMOUNT $____ (CASH NOT ACCEPTED)

5 DELIVERY SERVICE ☐ PRIORITY OVERNIGHT BY 10:30 AM ☐ EARLY PRIORITY BY 8:00 AM ☐ SATURDAY DELIVERY

*DELIVERY TIMES MAY BE LATER IN SOME AREAS • CONSULT YOUR SERVICE GUIDE OR CALL GOLDEN STATE OVEI

6 RELEASE SIGNATURE ____
SIGN TO AUTHORIZE DELIVERY WITHOUT OBTAINING SIGNATURE

7

8 PICK UP INFORMATION ____ TIME DRIVER # ROUTE #

106280198 PEEL OFF HERE

106280198

9 GSO TRACKING NUMBER

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-10-0509F

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Delta DATE: 10/07/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 4.1 °C + 0.5 °C (CF) = 4.6 °C ☐ Blank ☑ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: JG

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: JG

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: KM

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☑	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☑250PB ☑250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** KM

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** NC

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **znna:** $ZnAc_2$+NaOH **f:** Field-filtered **Scanned by:** NC

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-10-0508

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS: **Comments:**

- ☐ **Sample(s)/Container(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s)/Container(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis
2	D	4							
6	B,C,D	4							

Comments: _____

*Transferred at Client's request.

Initial / Date: KM 10/07/10