

RECEIVED*By loprojectop at 4:23 pm, Mar 31, 2006*

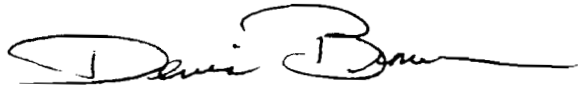
March 30, 2006

Re: **Semi-Annual Groundwater Monitoring Report – First Quarter 2006**
Shell-branded Service Station
4530 Las Positas Road
Livermore, 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



Solving environment-related business problems worldwide

www.deltaenv.com

175 Bernal Road • Suite 200
San Jose, California 95119 USA

800.477.7411
Fax 408.225.8506

March 30, 2006
Project No. SJ45-30L-1
SAP: 135444

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

Re: **Semi-annual Groundwater Monitoring Report – First Quarter 2006**
Shell-branded Service Station
4530 Las Positas Road
Livermore, California

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following first quarter 2006 groundwater monitoring and sampling report for the above referenced site. Groundwater sampling was performed by Blaine Tech Services (Blaine), at the direction of Delta. A site location map is included as Figure 1.

BACKGROUND

In September 2001, IT Corporation (IT) installed four site groundwater monitoring wells (MW-1 through MW-4, Figure 2). No soil samples were submitted for laboratory analysis during well installation activities. The wells were installed as part of Shell's Groundwater Assessment Program (GRASP). GRASP is a voluntary initiative by Shell to install groundwater monitoring wells at numerous retail service stations nationwide that do not have any active release cases but have been identified to be in close proximity to one or more water supply wells. Delta has field verified the nearest water supply wells as agricultural well 3S/2E 3H1, located approximately 2,500 feet northeast of the site; and unknown well (possibly for domestic use) 3S/2E 3M1, located approximately 1,800 feet northwest.

Following submittal of the third quarter 2002 GRASP Groundwater Monitoring Report, the Alameda County Health Care Services Agency (ACHCSA) notified Shell, in a letter dated March 7, 2003, that the site was placed in the local oversight program.

QUARTERLY GROUND WATER MONITORING PROGRAM

Groundwater monitoring wells were gauged and sampled by Blaine on January 31, 2006. Depth to groundwater was measured in Wells MW-1 through MW-4. Groundwater elevation data is presented on Figure 2.

Groundwater samples were collected from Wells MW-1 through MW-4. Samples were submitted by Blaine to Test America Analytical Testing Corporation in Nashville, Tennessee, a California-certified analytical laboratory, for analysis for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and the five fuel oxygenates methyl tert-butyl ether (MTBE), diisopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), tert-amyl methyl ether (TAME), and tert-butanol (TBA) using EPA Method 8260B.

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

DISCUSSION

Depth to groundwater in Wells MW-1, MW-2, and MW-4 remained relatively unchanged (within 0.03 feet) since last monitoring event (July 21, 2005). The depth to groundwater in Well MW-3 increased by 0.20 feet since the last monitoring event. The groundwater gradient at the site is complex. Previous monitoring events have not indicated a clear groundwater flow direction. On January 31, 2006, the groundwater flow direction appeared to be toward the east-northeast at a magnitude of less than 0.01 ft/ft (essentially flat). The regional groundwater flow direction in this area of the Livermore Valley is towards the southeast.

All analytes tested were below laboratory detection limits for all site wells during the first quarter 2006. MTBE has been below laboratory detection limits in all site wells for the past eight monitoring events. The maximum historic concentration of MTBE was 470 micrograms per liter (ug/L) in Well MW-4 (July 2002). No other analytes have been detected in site wells since sampling began in 2001.

REMARKS

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

March 3, 2006
Page 3

Please call if you have any questions regarding the contents of this letter.

Sincerely,

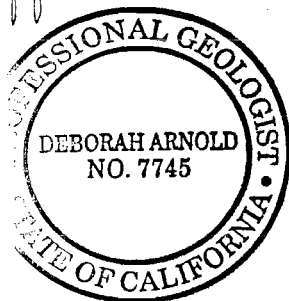
Delta Environmental Consultants, Inc.

Rebecca Wolff

Rebecca Wolff
Project Geologist

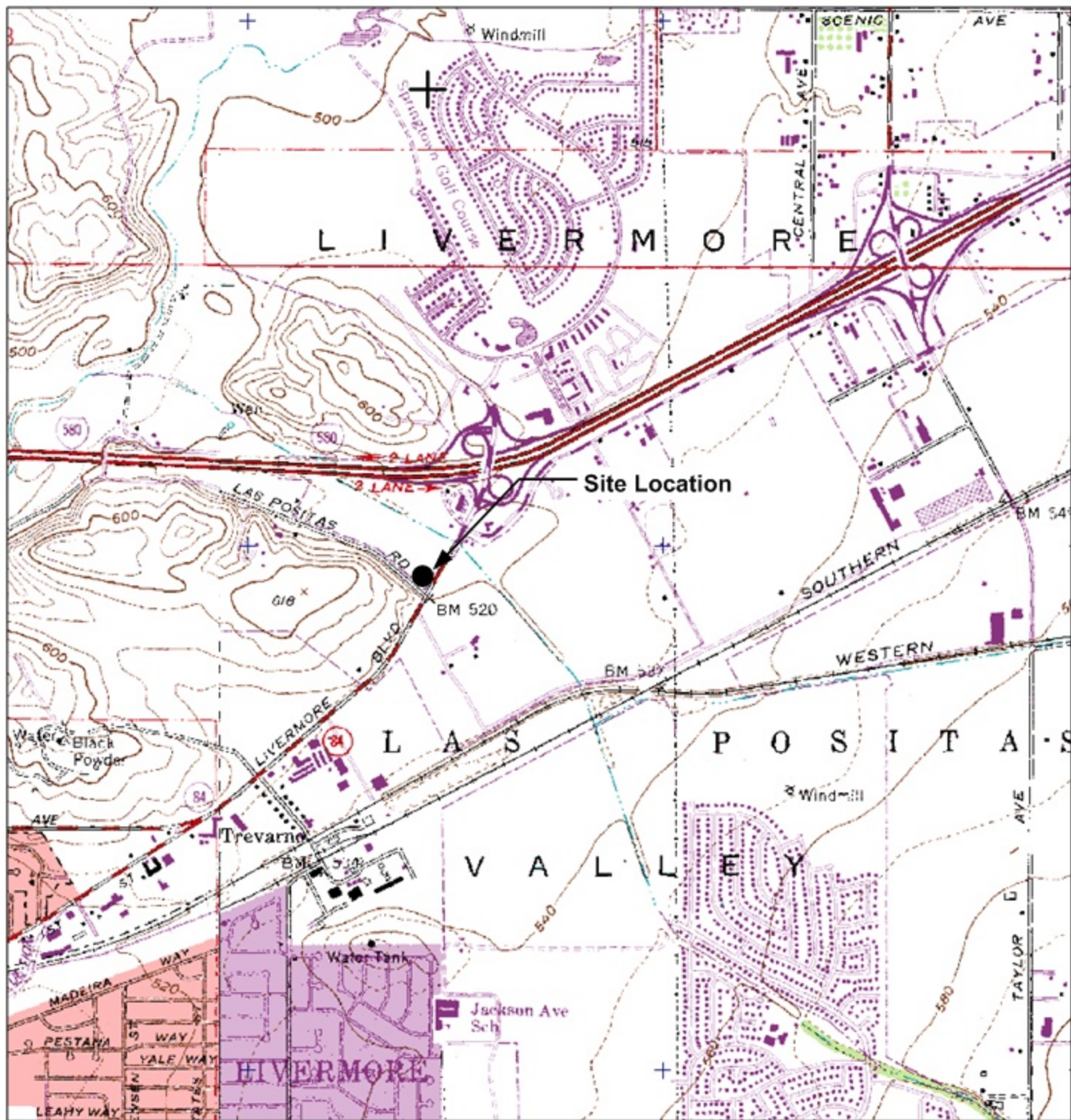
D. Arnold

Debbie Arnold
Project Manager
PG 7745



Attachments: Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map, January 31, 2006
Figure 3 – TPH-G, Benzene, and MTBE Concentrations Map, January 31, 2006
Attachment A – Groundwater Monitoring and Sampling Report, February 17, 2006

cc: Denis Brown, Shell Oil Products US, Rio Monte
Isabel Mejia, Shell Oil Products US, Carson



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



QUADRANGLE LOCATION

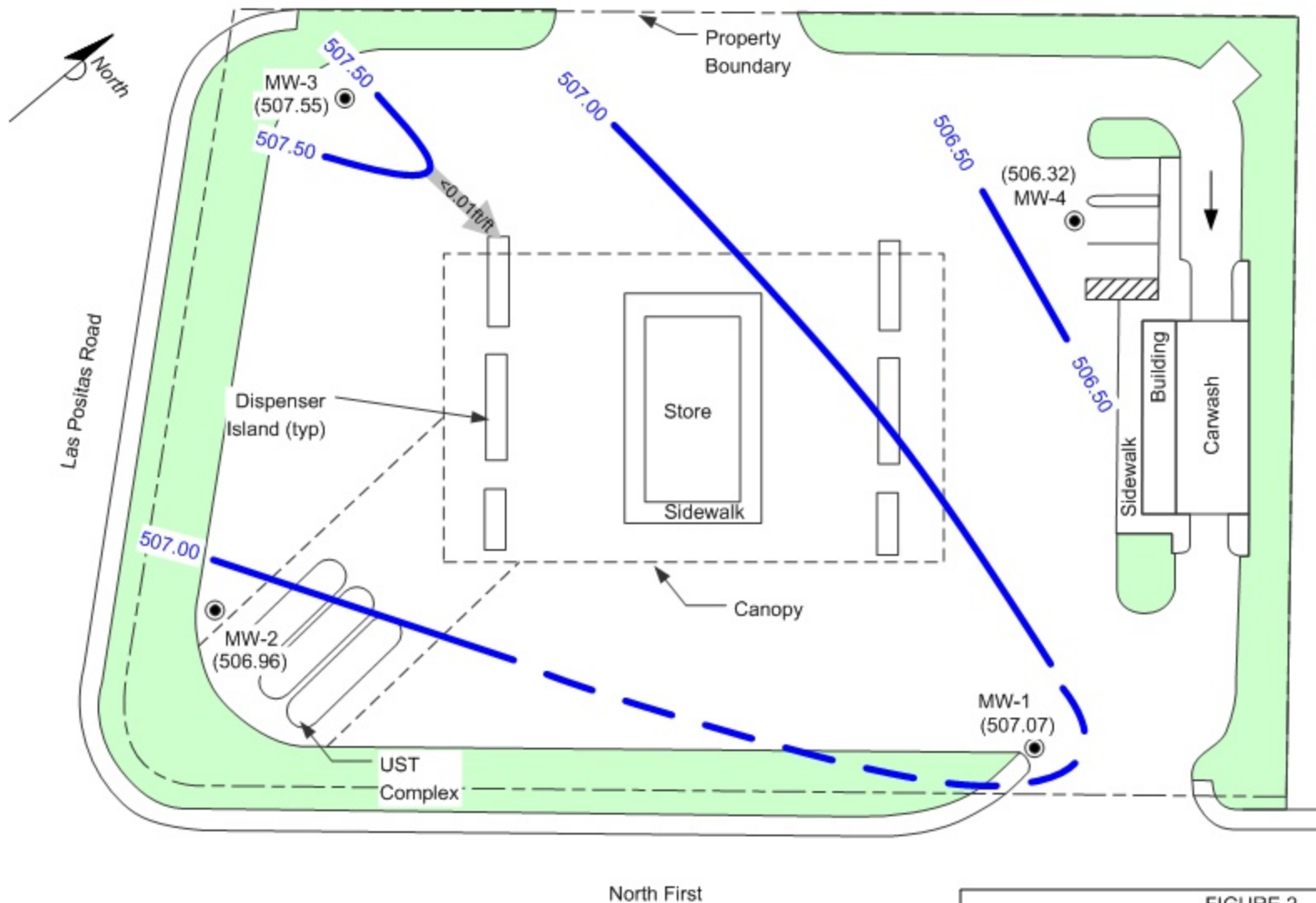


FIGURE 1
 SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
 4530 Las Positas Road
 Livermore, California

PROJECT NO. S.J45-30L-1.2004	DRAWN BY VF 9/26/03
FILE NO. S.J45-30L-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY





North First

LEGEND

- MW-2 ● **GROUNDWATER MONITORING WELL**
(506.96) **GROUNDWATER ELEVATION (FEET-MSL), 01/31/06**
- 507.00 — **GROUNDWATER ELEVATION CONTOUR**
- <math><0.01 \text{ ft/ft}</math> **APPROXIMATE GROUNDWATER FLOW DIRECTION**

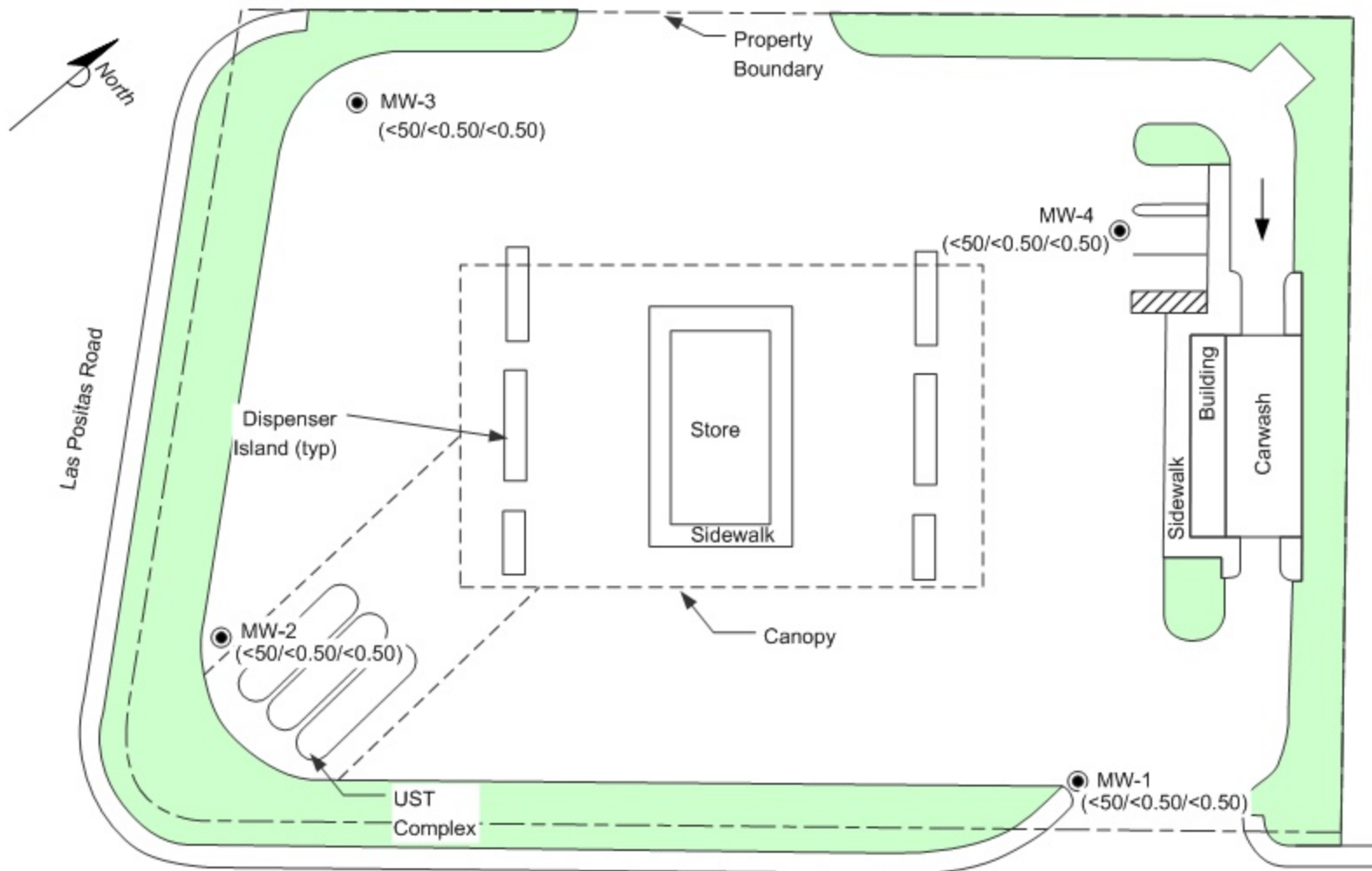


FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
JANUARY 31, 2006

SHELL-BRANDED SERVICE STATION
4530 Las Positas Road
Livermore, California

PROJECT NO. SJ45-30L-1.2006	DRAWN BY JL 02/27/06
FILE NO. SJ45-30-1.2006	PREPARED BY AP
REVISION NO. 1	REVIEWED BY





North First

LEGEND

MW-2 ●
(<50/<0.50/<0.50)

GROUNDWATER MONITORING WELL
TPH-G, BENZENE, AND MTBE
CONCENTRATIONS (UG/L), 01/31/06

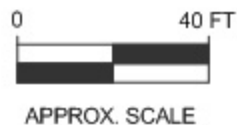


FIGURE 3
TPH-G, BENZENE AND MTBE CONCENTRATIONS MAP
JANUARY 31, 2006

SHELL-BRANDED SERVICE STATION
4530 Las Positas Road
Livermore, California

PROJECT NO. SJ45-30L-1.2006	DRAWN BY JL 02/27/06
FILE NO. SJ45-30-1.2006	PREPARED BY AP
REVISION NO. 1	REVIEWED BY



Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Rebecca Wolff
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
4530 Las Positas Road
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-1	09/20/2001	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	NA	NA	NA
MW-1	07/09/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	519.86	13.13	506.73
MW-1	10/25/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	519.86	13.17	506.69
MW-1	01/24/2003	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	519.86	12.80	507.06
MW-1	04/15/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.86	12.64	507.22
MW-1	07/17/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.86	13.25	506.61
MW-1	10/21/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.86	13.43	506.43
MW-1	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.86	13.15	506.71
MW-1	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	519.86	13.04	506.82
MW-1	07/14/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	519.86	13.28	506.58
MW-1	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	519.86	12.99	506.87
MW-1	07/21/2005	<50 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.86	12.75	507.11
MW-1	01/31/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	519.86	12.79	507.07

MW-2	09/20/2001	NA	<0.50	<0.50	<0.50	<0.50	0.6	<2.0	<2.0	<2.0	<50	NA	NA	NA
MW-2	07/09/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.50	12.41	506.09
MW-2	10/25/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.50	12.34	506.16
MW-2	01/24/2003	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.50	11.56	506.94
MW-2	04/15/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.50	11.38	507.12
MW-2	07/17/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.50	13.45	505.05
MW-2	10/21/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.50	12.64	505.86
MW-2	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.50	11.97	506.53
MW-2	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	518.50	11.91	506.59
MW-2	07/14/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	518.50	12.44	506.06
MW-2	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	518.50	11.81	506.69
MW-2	07/21/2005	<50 a	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.50	11.53	506.97

WELL CONCENTRATIONS
Shell-branded Service Station
4530 Las Positas Road
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
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MW-2	01/31/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	518.50	11.54	506.96
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MW-3	09/20/2001	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	NA	NA	NA
MW-3	07/09/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.93	11.58	507.35
MW-3	10/25/2002	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.93	11.17	507.76
MW-3	01/24/2003	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	518.93	11.18	507.75
MW-3	04/15/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.93	11.25	507.68
MW-3	07/17/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.93	11.39	507.54
MW-3	10/21/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.93	11.54	507.39
MW-3	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.93	11.27	507.66
MW-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	518.93	11.34	507.59
MW-3	07/14/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	518.93	11.43	507.50
MW-3	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	518.93	11.48	507.45
MW-3	07/21/2005	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	518.93	11.18	507.75
MW-3	01/31/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	518.93	11.38	507.55

MW-4	11/06/2001	NA	<0.50	<0.50	<0.50	<0.50	16.0	<2.0	<2.0	<2.0	<50	NA	NA	NA
MW-4	07/09/2002	<50	<0.50	<0.50	<0.50	<0.50	470	<2.0	<2.0	<2.0	<50	519.44	13.42	506.02
MW-4	10/25/2002	<50	<0.50	<0.50	<0.50	<0.50	22	<2.0	<2.0	<2.0	<50	519.44	13.42	506.02
MW-4	01/24/2003	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<2.0	<2.0	<50	519.44	13.07	506.37
MW-4	04/15/2003	<50	<0.50	<0.50	<0.50	<1.0	2.0	<2.0	<2.0	<2.0	<5.0	519.44	12.93	506.51
MW-4	07/17/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.44	13.51	505.93
MW-4	10/21/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.44	13.69	505.75
MW-4	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.44	13.48	505.96
MW-4	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	519.44	13.36	506.08
MW-4	07/14/2004	<50	<0.50	<0.50	<0.50	<1.0	<0.50	NA	NA	NA	NA	519.44	13.47	505.97

WELL CONCENTRATIONS
Shell-branded Service Station
4530 Las Positas Road
Livermore, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	04/13/2005	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	519.44	13.18	506.26
MW-4	07/21/2005	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<2.0	<2.0	<5.0	519.44	13.10	506.34
MW-4	01/31/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	519.44	13.12	506.32

Abbreviations:

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

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

MTBE = Methyl tertiary butyl ether

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

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

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

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

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

Notes:

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

Survey data provided by KHM Environmental Management, Inc.

February 13, 2006

Client: Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn: Justin Link

Work Order: NPB0438
Project Name: 4530 Las Positas, Livermore, CA
Project Nbr: 97464710
Date Received: 02/03/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPB0438-01	01/31/06 09:04
MW-2	NPB0438-02	01/31/06 09:22
MW-3	NPB0438-03	01/31/06 09:30
MW-4	NPB0438-04	01/31/06 08:45

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

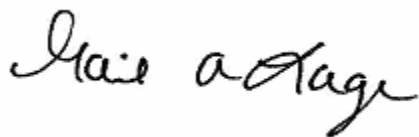
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California Certification Number: 01168CA

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Gail A Lage
Senior Project Manager

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Justin Link

Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB0438-01 (MW-1 - Water) Sampled: 01/31/06 09:04								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Benzene	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Diisopropyl Ether	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Ethylbenzene	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Toluene	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/10/06 04:59	SW846 8260B	6021869
Xylenes, total	ND		ug/L	0.500	1	02/10/06 04:59	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>99 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>103 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>105 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>102 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/10/06 04:59	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>99 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>103 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>105 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>102 %</i>					<i>02/10/06 04:59</i>	<i>SW846 8260B</i>	<i>6021869</i>
Sample ID: NPB0438-02 (MW-2 - Water) Sampled: 01/31/06 09:22								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Benzene	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Diisopropyl Ether	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Ethylbenzene	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Toluene	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/10/06 05:21	SW846 8260B	6021869
Xylenes, total	ND		ug/L	0.500	1	02/10/06 05:21	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>101 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>105 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>105 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/10/06 05:21	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>101 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>105 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>104 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>105 %</i>					<i>02/10/06 05:21</i>	<i>SW846 8260B</i>	<i>6021869</i>

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Justin Link

Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPB0438-03 (MW-3 - Water) Sampled: 01/31/06 09:30								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Benzene	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Diisopropyl Ether	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Ethylbenzene	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Toluene	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/10/06 05:44	SW846 8260B	6021869
Xylenes, total	ND		ug/L	0.500	1	02/10/06 05:44	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>98 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>101 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>104 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/10/06 05:44	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>98 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>101 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>104 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>104 %</i>					<i>02/10/06 05:44</i>	<i>SW846 8260B</i>	<i>6021869</i>
Sample ID: NPB0438-04 (MW-4 - Water) Sampled: 01/31/06 08:45								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Benzene	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Diisopropyl Ether	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Ethylbenzene	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Toluene	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	02/10/06 06:06	SW846 8260B	6021869
Xylenes, total	ND		ug/L	0.500	1	02/10/06 06:06	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (70-130%)</i>	<i>98 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (79-122%)</i>	<i>105 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (78-121%)</i>	<i>104 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (78-126%)</i>	<i>103 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	02/10/06 06:06	SW846 8260B	6021869
<i>Surr: 1,2-Dichloroethane-d4 (0-200%)</i>	<i>98 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Dibromofluoromethane (0-200%)</i>	<i>105 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: Toluene-d8 (0-200%)</i>	<i>104 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>
<i>Surr: 4-Bromofluorobenzene (0-200%)</i>	<i>103 %</i>					<i>02/10/06 06:06</i>	<i>SW846 8260B</i>	<i>6021869</i>

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Justin Link

Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6021869-BLK1

Benzene	<0.200		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Ethylbenzene	<0.200		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Toluene	<0.200		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Tertiary Butyl Alcohol	<5.06		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Xylenes, total	<0.350		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Surrogate: 1,2-Dichloroethane-d4	98%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: Dibromofluoromethane	104%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: Toluene-d8	102%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: 4-Bromofluorobenzene	101%			6021869	6021869-BLK1	02/10/06 04:37

Purgeable Petroleum Hydrocarbons

6021869-BLK1

Gasoline Range Organics	<50.0		ug/L	6021869	6021869-BLK1	02/10/06 04:37
Surrogate: 1,2-Dichloroethane-d4	98%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: Dibromofluoromethane	104%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: Toluene-d8	102%			6021869	6021869-BLK1	02/10/06 04:37
Surrogate: 4-Bromofluorobenzene	101%			6021869	6021869-BLK1	02/10/06 04:37

Client Delta Env. Consultants (San Jose) / SHELL (13653)
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Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8260B

6021869-BS1

Tert-Amyl Methyl Ether	50.0	52.0		ug/L	104%	56 - 145	6021869	02/10/06 03:30
Benzene	50.0	53.4		ug/L	107%	79 - 123	6021869	02/10/06 03:30
Ethyl tert-Butyl Ether	50.0	52.6		ug/L	105%	64 - 141	6021869	02/10/06 03:30
Diisopropyl Ether	50.0	58.0		ug/L	116%	73 - 135	6021869	02/10/06 03:30
Ethylbenzene	50.0	53.3		ug/L	107%	79 - 125	6021869	02/10/06 03:30
Methyl tert-Butyl Ether	50.0	52.0		ug/L	104%	66 - 142	6021869	02/10/06 03:30
Toluene	50.0	56.6		ug/L	113%	78 - 122	6021869	02/10/06 03:30
Tertiary Butyl Alcohol	500	497		ug/L	99%	42 - 154	6021869	02/10/06 03:30
Xylenes, total	150	164		ug/L	109%	79 - 130	6021869	02/10/06 03:30
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6021869	02/10/06 03:30
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6021869	02/10/06 03:30
Surrogate: Dibromofluoromethane	50.0	49.5			99%	79 - 122	6021869	02/10/06 03:30
Surrogate: Dibromofluoromethane	50.0	49.5			99%	79 - 122	6021869	02/10/06 03:30
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6021869	02/10/06 03:30
Surrogate: Toluene-d8	50.0	53.0			106%	78 - 121	6021869	02/10/06 03:30
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6021869	02/10/06 03:30
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	78 - 126	6021869	02/10/06 03:30

Purgeable Petroleum Hydrocarbons

6021869-BS1

Gasoline Range Organics	3050	2800		ug/L	92%	67 - 130	6021869	02/10/06 03:30
Surrogate: 1,2-Dichloroethane-d4	50.0	48.0			96%	70 - 130	6021869	02/10/06 03:30
Surrogate: Dibromofluoromethane	50.0	49.5			99%	70 - 130	6021869	02/10/06 03:30
Surrogate: Toluene-d8	50.0	53.0			106%	70 - 130	6021869	02/10/06 03:30
Surrogate: 4-Bromofluorobenzene	50.0	51.4			103%	70 - 130	6021869	02/10/06 03:30

Client Delta Env. Consultants (San Jose) / SHELL (13653)
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Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6021869-MS1										
Tert-Amyl Methyl Ether	ND	49.5		ug/L	50.0	99%	45 - 155	6021869	NPB0438-01	02/10/06 12:23
Benzene	ND	54.6		ug/L	50.0	109%	71 - 137	6021869	NPB0438-01	02/10/06 12:23
Ethyl tert-Butyl Ether	ND	50.3		ug/L	50.0	101%	57 - 148	6021869	NPB0438-01	02/10/06 12:23
Diisopropyl Ether	ND	54.9		ug/L	50.0	110%	67 - 143	6021869	NPB0438-01	02/10/06 12:23
Ethylbenzene	ND	51.7		ug/L	50.0	103%	72 - 139	6021869	NPB0438-01	02/10/06 12:23
Methyl tert-Butyl Ether	ND	49.5		ug/L	50.0	99%	55 - 152	6021869	NPB0438-01	02/10/06 12:23
Toluene	ND	52.5		ug/L	50.0	105%	73 - 133	6021869	NPB0438-01	02/10/06 12:23
Tertiary Butyl Alcohol	ND	666		ug/L	500	133%	19 - 183	6021869	NPB0438-01	02/10/06 12:23
Xylenes, total	ND	154		ug/L	150	103%	70 - 143	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	70 - 130	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	79 - 122	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	79 - 122	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	78 - 121	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	78 - 121	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	78 - 126	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	78 - 126	6021869	NPB0438-01	02/10/06 12:23
Purgeable Petroleum Hydrocarbons										
6021869-MS1										
Gasoline Range Organics	ND	2120		ug/L	3050	70%	60 - 140	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 1,2-Dichloroethane-d4		50.0		ug/L	50.0	100%	0 - 200	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Dibromofluoromethane		51.5		ug/L	50.0	103%	0 - 200	6021869	NPB0438-01	02/10/06 12:23
Surrogate: Toluene-d8		50.7		ug/L	50.0	101%	0 - 200	6021869	NPB0438-01	02/10/06 12:23
Surrogate: 4-Bromofluorobenzene		50.9		ug/L	50.0	102%	0 - 200	6021869	NPB0438-01	02/10/06 12:23

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Justin Link

Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6021869-MSD1												
Tert-Amyl Methyl Ether	ND	54.4		ug/L	50.0	109%	45 - 155	9	24	6021869	NPB0438-01	02/10/06 12:45
Benzene	ND	60.2		ug/L	50.0	120%	71 - 137	10	23	6021869	NPB0438-01	02/10/06 12:45
Ethyl tert-Butyl Ether	ND	55.2		ug/L	50.0	110%	57 - 148	9	22	6021869	NPB0438-01	02/10/06 12:45
Diisopropyl Ether	ND	55.6		ug/L	50.0	111%	67 - 143	1	22	6021869	NPB0438-01	02/10/06 12:45
Ethylbenzene	ND	56.0		ug/L	50.0	112%	72 - 139	8	23	6021869	NPB0438-01	02/10/06 12:45
Methyl tert-Butyl Ether	ND	56.2		ug/L	50.0	112%	55 - 152	13	27	6021869	NPB0438-01	02/10/06 12:45
Toluene	ND	57.9		ug/L	50.0	116%	73 - 133	10	25	6021869	NPB0438-01	02/10/06 12:45
Tertiary Butyl Alcohol	ND	819		ug/L	500	164%	19 - 183	21	39	6021869	NPB0438-01	02/10/06 12:45
Xylenes, total	ND	169		ug/L	150	113%	70 - 143	9	27	6021869	NPB0438-01	02/10/06 12:45
Surrogate: 1,2-Dichloroethane-d4		51.1		ug/L	50.0	102%	70 - 130			6021869	NPB0438-01	02/10/06 12:45
Surrogate: 1,2-Dichloroethane-d4		51.1		ug/L	50.0	102%	70 - 130			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Dibromofluoromethane		51.7		ug/L	50.0	103%	79 - 122			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Dibromofluoromethane		51.7		ug/L	50.0	103%	79 - 122			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	78 - 121			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	78 - 121			6021869	NPB0438-01	02/10/06 12:45
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	78 - 126			6021869	NPB0438-01	02/10/06 12:45
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	78 - 126			6021869	NPB0438-01	02/10/06 12:45

Purgeable Petroleum Hydrocarbons

6021869-MSD1												
Gasoline Range Organics	ND	2320		ug/L	3050	76%	60 - 140	9	40	6021869	NPB0438-01	02/10/06 12:45
Surrogate: 1,2-Dichloroethane-d4		51.1		ug/L	50.0	102%	0 - 200			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Dibromofluoromethane		51.7		ug/L	50.0	103%	0 - 200			6021869	NPB0438-01	02/10/06 12:45
Surrogate: Toluene-d8		51.5		ug/L	50.0	103%	0 - 200			6021869	NPB0438-01	02/10/06 12:45
Surrogate: 4-Bromofluorobenzene		50.4		ug/L	50.0	101%	0 - 200			6021869	NPB0438-01	02/10/06 12:45

Client Delta Env. Consultants (San Jose) / SHELL (13653)
 175 Bernal Rd., Suite 200
 San Jose, CA 95119
 Attn Justin Link

Work Order: NPB0438
 Project Name: 4530 Las Positas, Livermore, CA
 Project Number: 97464710
 Received: 02/03/06 07:50

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8260B	Water	N/A	X	X

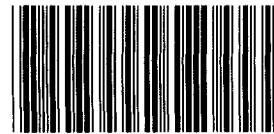
Client Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn Justin Link

Work Order: NPB0438
Project Name: 4530 Las Positas, Livermore, CA
Project Number: 97464710
Received: 02/03/06 07:50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
SW846 8260B	Water	Diisopropyl Ether Gasoline Range Organics



COOLER RECEIPT FORM

BC#

NPB0438

Client Name : Delta Environmental

Cooler Received/Opened On: 2/3/2006

Accessioned By: David Zeman

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2 Degrees Celsius

2. Were custody seals on outside of cooler?..... YES...NO...NA
a. If yes, how many and where: 1 Front

3. Were custody seals on containers?..... NO... YES...NA

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
 Ziplock baggies Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

12. Did all container labels and tags agree with custody papers?..... YES...NO...NA

13. Were correct containers used for the analysis requested?..... YES...NO...NA

14. a. Were VOA vials received?..... YES...NO...NA

 b. Was there any observable head space present in any VOA vial?..... NO... YES...NA

15. Was sufficient amount of sample sent in each container?..... YES...NO...NA

16. Were correct preservatives used?..... YES...NO...NA

 If not, record standard ID of preservative used here _____

17. Was residual chlorine present?..... NO... YES... NA

18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

2823
 Fed-Ex UPS Velocity DHL Route Off-street Misc.

19. If a Non-Conformance exists, see attached or comments below:

SHELL Chain Of Custody Record

Lab Identification (if necessary):

- TA - Irvine, California
- TA - Morgan Hill, California
- TA - Nashville, Tennessee
- STL
- Other (location) _____

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON

Dennis Brown

NPB0438

02/10/06 17:00

NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (S&E ONLY)

9 7 4 6 4 7 1 0

SAP or CRMT NUMBER (TS/CRMT)

DATE: 1/31/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City 4530 Las Positas, Livermore	State CA	GLOBAL ID NO.: T0600194179
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Justin Link, Delta, San Jose Office	PHONE NO.: (408) 826-1865	E-MAIL: jlink@deltaenv.com
PROJECT CONTACT (Hardcopy or PDF Report to): Micheal Ninokata		CONSULTANT PROJECT NO.: 060181-DA1		
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: mminokata@blainetech.com		BTS #
TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> 24 HOURS		REQUESTED ANALYSIS		
<input type="checkbox"/> RESULTS NEEDED ON WEEKEND				
<input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY:		FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____				
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED <input type="checkbox"/>		TEMPERATURE ON RECEIPT C°		

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
		DATE	TIME															
-	MW-1	1/31/06	0904	W	3	X	X	X										
-	MW-2	↓	0922	↓	↓	X	X	X										
-	MW-3	↓	0930	↓	↓	X	X	X										
-	MW-4	↓	0845	↓	↓	X	X	X										

Relinquished by: (Signature) <i>David Allbut</i>	Received by: (Signature) <i>[Signature]</i> SAMPLE CUSTODIAN	Date: <u>1/31/06</u>	Time: <u>1426</u>
Relinquished by: (Signature) <i>[Signature]</i> (Sample Custodian)	Received by: (Signature) <i>[Signature]</i>	Date: <u>1/31/06</u>	Time: <u>1800</u>
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>1/31/06</u>	Time: <u>1855</u>

WELL MONITORING DATA SHEET

Project #: 060131-DA1	Client: Shell
Sampler: DA	Date: 1/31/06
Well I.D.: MW-2	Well Diameter: <input checked="" type="radio"/> 3 4 6 8 _____
Total Well Depth (TD): 22.38	Depth to Water (DTW): 11.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.71	

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

Other: _____

1.7 (Gals.) X **3** = **5.1** 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 or °C)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0915	59.4	7.3	1258	71000	2	tan, cloudy
0917	62.7	7.3	1198	71000	4	"
0919	64.2	7.3	1198	71000	5.5	"

Did well dewater? Yes No Gallons actually evacuated: **5.5**

Sampling Date: **1/31/06** Sampling Time: **0922** Depth to Water: **11.80**

Sample I.D.: **MW-2** Laboratory: Kiff CalScience Other **TA**

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

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

