Denis L. Brown

Shell Oil Products US

HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

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

Re: Shell-branded Service Station
9750 Golf Links Road
Oakland, California
SAP Code 135683
Incident No. 98995744
ACHCSA Case No. RO0002441

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

Denis L. Brown
Project Manager

CAMBRIA

November 16, 2006

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

Re: **Groundwater Monitoring Report – Third Quarter 2006**
Shell-branded Service Station
9750 Golf Links Road
Oakland, California
SAP Code 135683
Incident No. 98995744
ACHCSA Case No. RO0002441

Dear Mr. Wickham:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

If you have any questions regarding the contents of this document, please call Dennis Baertschi at (707) 268-3813.

Sincerely,
Cambria Environmental Technology, Inc.

PROFESSIONAL GEOLOGIST
ANA FRIEL
No. 6452
Exp 9/07
STATE OF CALIFORNIA

Dennis Baertschi
Project Geologist

Ana Friel, PG
Associate Geologist

Enclosure: Groundwater Monitoring Report – Third Quarter 2006

cc: Mr. Denis Brown, Shell

Cambria Environmental Technology, Inc.

270 Perkins Street
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

CAMBRIA

GROUNDWATER MONITORING REPORT – THIRD QUARTER 2006

Site Address	9750 Golf Links Road, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
Consultant and Contact Person	Cambria, Dennis Baertschi
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	RO0002441
Shell SAP Code	135683
Shell Incident No.	98995744
Date of Most Recent Agency Correspondence	July 13, 2005

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. Cambria prepared a vicinity map (Figure 1) and a groundwater contour and chemical concentration map (Figure 2). The Blaine report, presenting the analytical data, is included in Attachment A.

Current Quarter's Findings

Groundwater Flow Direction	Westerly to northwesterly
Hydraulic Gradient	0.08
Depth to Water	6.49 to 10.65 feet below top of well casing

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the third month of the quarter, according to the established monitoring program for this site.

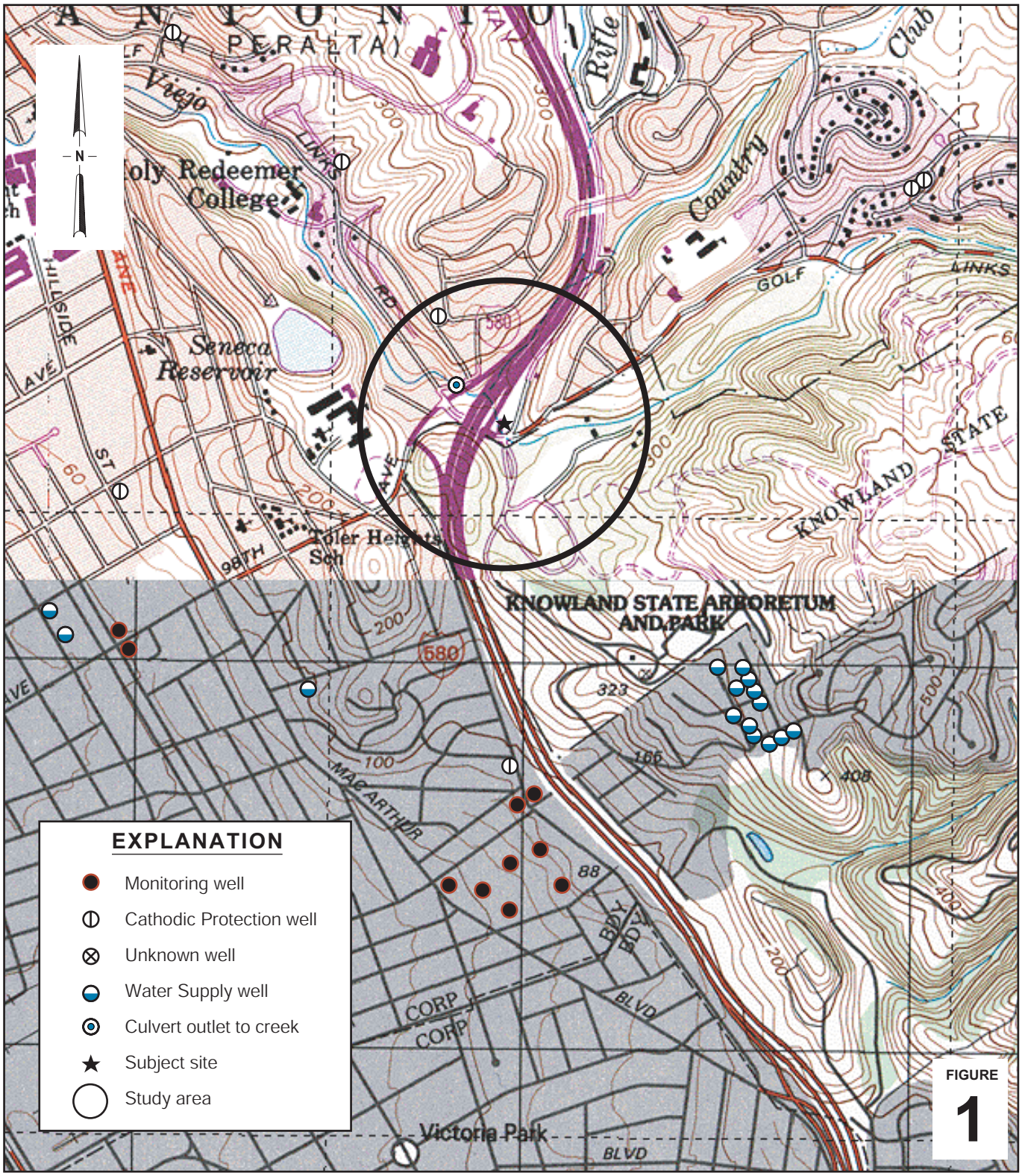
CAMBRIA

Figures: 1 - Vicinity Map
2 - Groundwater Contour and Chemical Concentration Map

Attachment: A - Blaine Tech Services, Inc. - Groundwater Monitoring Report

K:\Oakland 9750 Golf Links\QMRs\2006\3Q06\Text 9750 Golf Links Oakland 3Q06.doc

05/12/00



0735

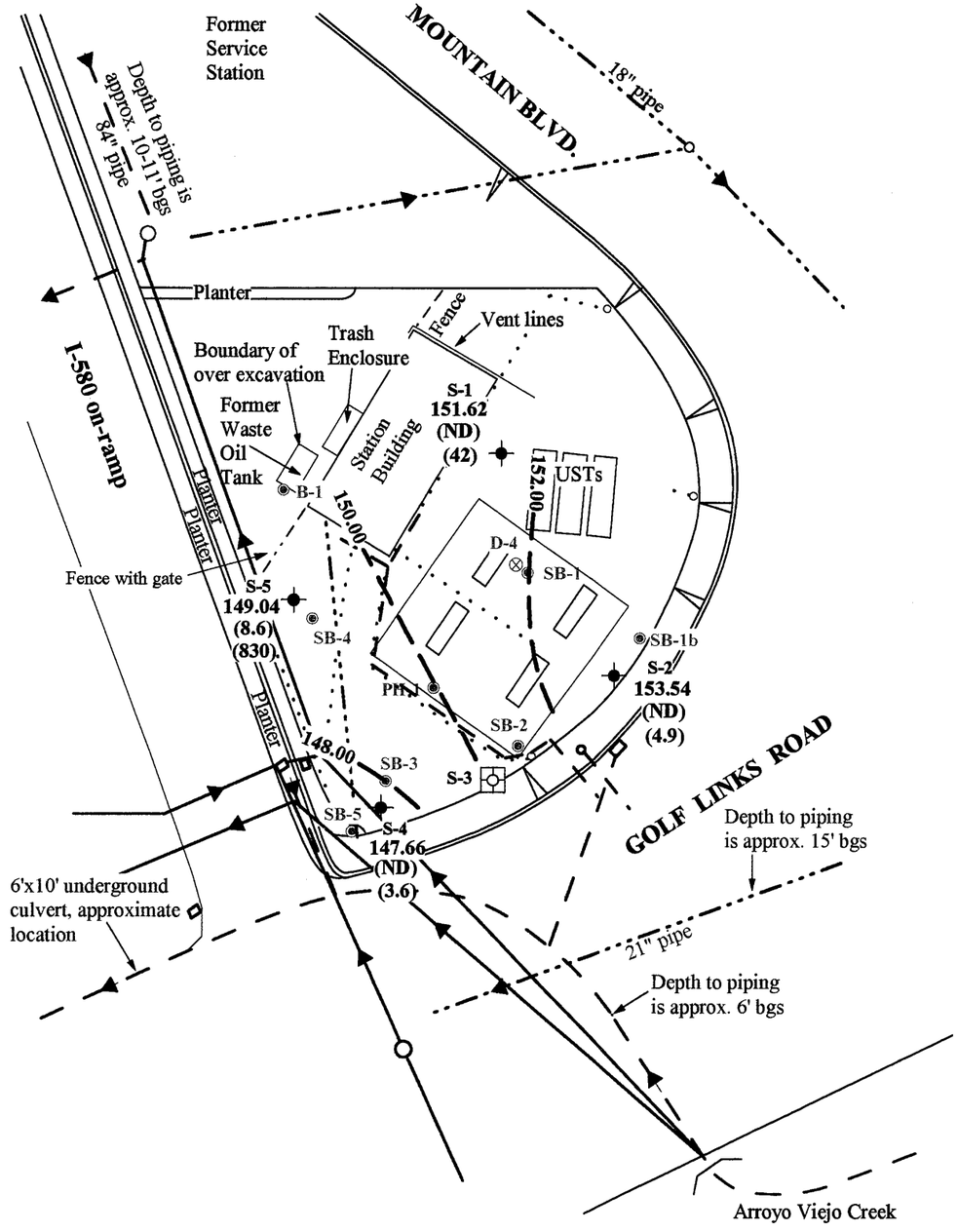
Shell-branded Service Station

9750 Golf Links Road
Oakland, California

CAMBRIA

Vicinity Map

(1/4-Mile Radius)



EXPLANATION

- Monitoring well
- Attempted monitoring well
- Soil boring
- Soil sample
- Storm drain line
- Former storm drain line
- Sanitary sewer line
- Water line
- Electrical line
- Flow direction where applicable
- Groundwater elevation contour in feet referenced to mean sea level (ft msl).
- **153.29** Groundwater elevation in ft msl
- **(1.3)** Benzene concentration in micrograms per liter (μg/L)
- **(61)** MTBE concentration in μg/L
- **ND** Below laboratory detection limits.
- Approximate Hydraulic Gradient = 0.08

Scale
0 20 40 80
1 Inch = 40 Feet

FIGURE
2

0735

Shell-branded Service Station
9750 Golf Links Road
Oakland, California

CAMBRIA

Groundwater Contour and Chemical Concentration Map

September 6, 2006

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

October 4, 2006

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

Third Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
9750 Golf Links Road
Oakland, CA

Monitoring performed on September 6, 2006

Groundwater Monitoring Report **060906-SC-2**

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 Coordinator

MN/ks

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

cc: Dennis Baertschi
Cambria Environmental Technology, Inc.
270 Perkins St.
Sonoma, CA 95476

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, 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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
S-1	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.54	7.65	152.89
S-1	03/23/2005	13,000	<13	<13	89	70	1,400	<50	<50	<50	460	<13	<13	<1,300	<500	160.54	7.62	152.92
S-1	06/16/2005	9,500	<5.0	<5.0	130	66	860	<20	<20	<20	780	<5.0	<5.0	<500	2,800	160.54	7.91	152.63
S-1	08/02/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<500	160.54	8.44	152.10
S-1	08/29/2005	1,300 a	<5.0	<5.0	<5.0	<10	1,300	<20	<20	<20	1,600	<5.0	<5.0	<500	<500	160.54	8.88	151.66
S-1	12/15/2005	3,710	<0.500	<0.500	8.28	<0.500	65.4	<0.500	<0.500	<0.500	847	<0.500	<0.500	<50.0	<10,000	160.54	8.55	151.99
S-1	03/08/2006	2,400 h	1.3	<0.50	6.9	3.8	61 f	<0.50	<0.50 i	<0.50 i	250	<0.50 i	<0.50	<100	<250 d	160.54	7.25	153.29
S-1	06/14/2006	1,300	1.5	<1.0	2.3	<1.0	77	NA	NA	<1.0	400	NA	NA	NA	NA	160.54	8.29	152.25
S-1	**09/06/2006**	**700 k**	**<1.0 k**	**<1.0 k**	**1.7 k**	**<1.0 k**	**42 k**	**<1.0 k**	**<1.0 k**	**<1.0 k**	**630 k**	**NA**	**NA**	**NA**	**<400 j**	**160.54**	**8.92**	**151.62**
S-2	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.23	5.64	154.59
S-2	03/23/2005	<50	<0.50	<0.50	<0.50	<1.0	5.3	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	5.20	155.03
S-2	06/16/2005	<50	<0.50	<0.50	<0.50	<1.0	2.2	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	5.94	154.29
S-2	08/29/2005	<50	<0.50	<0.50	<0.50	<1.0	2.7	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	160.23	6.56	153.67
S-2	12/15/2005	<50.0	<0.500	<0.500 c	<0.500	<0.500	17.9	<0.500	<0.500	<0.500	58.4	<0.500	<0.500	<50.0	<10,000	160.03 b	5.77	154.26
S-2	03/08/2006	<50 f	<0.50	<0.50	<0.50	<0.50	2.5 f	<0.50	<0.50 i	<0.50 i	20	<0.50 i	<0.50	<100	<100	160.03 b	5.10	154.93
S-2	06/14/2006	<50	<0.50	<0.50	<0.50	<0.50	2.8	NA	NA	<0.50	<20	NA	NA	NA	NA	160.03 b	6.00	154.03
S-2	**09/06/2006**	**<50 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**4.9 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**<20 k**	**NA**	**NA**	**NA**	**<100**	**160.03 b**	**6.49**	**153.54**
S-4	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.23	9.83	148.40
S-4	03/23/2005	<100	<1.0	<1.0	<1.0	<2.0	260	<4.0	<4.0	<4.0	<10	<1.0	<1.0	<100	<500	158.23	9.55	148.68
S-4	06/16/2005	<50	<0.50	<0.50	<0.50	<1.0	8.0	<2.0	<2.0	<2.0	<5.0	<0.50	<0.50	<50	<500	158.23	10.25	147.98
S-4	08/29/2005	<50	<0.50	<0.50	<0.50	<1.0	71	<2.0	<2.0	<2.0	5.6	<0.50	<0.50	<50	<500	158.23	10.60	147.63
S-4	12/15/2005	345	<0.500	<0.500 c	<0.500	<0.500	296	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0	<10,000	158.23	10.38	147.85
S-4	03/08/2006	73 g	<0.50	<0.50	<0.50	<0.50	0.72 f	<0.50	<0.50 i	<0.50 i	<20	<0.50 i	<0.50	<100	<100	158.23	9.60	148.63
S-4	06/14/2006	<50	<0.50	<0.50	<0.50	0.51	0.50	NA	NA	<0.50	<20	NA	NA	NA	NA	158.23	10.30	147.93
S-4	**09/06/2006**	**<50 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**3.6 k**	**<0.50 k**	**<0.50 k**	**<0.50 k**	**<20 k**	**NA**	**NA**	**NA**	**<100**	**158.23**	**10.57**	**147.66**

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, 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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
S-5	03/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.69	10.62	149.07
S-5	03/23/2005	<1,300	13	<13	26	60	2,800	<50	<50	<50	<130	<13	<13	<1,300	<500	159.69	11.49	148.20
S-5	06/16/2005	<1,300	45	<13	53	<25	2,300	<50	<50	<50	380	<13	<13	<1,300	<500	159.69	10.30	149.39
S-5	08/29/2005	<1,300	31	<13	60	<25	1,700	<50	<50	<50	320	<13	<13	<1,300	<500	159.69	10.70	148.99
S-5	12/15/2005	2,700	11.1	2.31 c	80.2	6.62	823	<0.500	<0.500	<0.500	233	<0.500	<0.500	<50.0	<10,000	159.69	11.20	148.49
S-5	03/08/2006	360 g	<0.50	<0.50	<0.50	<0.50	340 e	<0.50	<0.50 i	1.2 i	49	<0.50 i	<0.50	<100	<250 d	159.69	10.05	149.64
S-5	06/14/2006	510	<5.0	<5.0	<5.0	<5.0	720	NA	NA	<5.0	<200	NA	NA	NA	NA	159.69	10.20	149.49
S-5	**09/06/2006**	**1,100 k**	**8.6 k**	**<5.0 k**	**35 k**	**<5.0 k**	**830 k**	**<5.0 k**	**<5.0 k**	**<5.0 k**	**240 k**	**NA**	**NA**	**NA**	**<200 j**	**159.69**	**10.65**	**149.04**

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 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 8260B
EDB = Ethylene dibromide, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
9750 Golf Links Road
Oakland, 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)	1,2-DCA (ug/L)	EDB (ug/L)	Ethanol (ug/L)	Methanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

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

b = Top of casing altered -0.20 ft. due to wellhead maintenance on September 27, 2005.

c = Analyte was detected in the associated Method Blank.

d = The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

e = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.

f = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.

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

h = Concentration indicated for this analyte is an estimated value above the calibration range of the instrument.

i = Result was reported with a possible high bias due to the continuing calibration verification falling outside acceptance criteria.

j = The reporting limit for this analyte has been raised to account for matrix interference.

k = There was insufficient preservative to reduce the sample pH to less than 2. The sample was analyzed within 14 days of sampling but beyond the 7 days recommended for Benzene, Toluene, and Ethylbenzene.

Ethanol and Methanol analyzed by EPA Method 8260B.

Site surveyed March 23, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

18 September, 2006

Michael Ninokata
Blaine Tech Services - San Jose (Shell)
1680 Rogers Avenue
San Jose, CA 95112

RE: 9750 Golf Links Rd., Oakland
Work Order: MPI0142

Enclosed are the results of analyses for samples received by the laboratory on 09/06/06 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen For Leticia Reyes
Project Manager

CA ELAP Certificate # 1210

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ANALYTICAL TESTING CORPORATION

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Morgan Hill, CA 95037
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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	MPI0142-01	Water	09/06/06 12:45	09/06/06 17:00
S-2	MPI0142-02	Water	09/06/06 11:45	09/06/06 17:00
S-4	MPI0142-03	Water	09/06/06 12:25	09/06/06 17:00
S-5	MPI0142-04	Water	09/06/06 14:05	09/06/06 17:00

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MPI0142-01) Water Sampled: 09/06/06 12:45 Received: 09/06/06 17:00									**PH**
Gasoline Range Organics (C4-C12)	**700**	100	ug/l	2	6I12018	09/12/06	09/13/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-145*		"	"	"	"	
S-2 (MPI0142-02) Water Sampled: 09/06/06 11:45 Received: 09/06/06 17:00									**PH**
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I12018	09/12/06	09/13/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-145*		"	"	"	"	
S-4 (MPI0142-03) Water Sampled: 09/06/06 12:25 Received: 09/06/06 17:00									**PH**
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I12018	09/12/06	09/13/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*60-145*		"	"	"	"	
S-5 (MPI0142-04) Water Sampled: 09/06/06 14:05 Received: 09/06/06 17:00									**PH**
Gasoline Range Organics (C4-C12)	**1100**	500	ug/l	10	6I12018	09/12/06	09/13/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-145*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Industrial Solvents by EPA Method 8015B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MPI0142-01) Water Sampled: 09/06/06 12:45 Received: 09/06/06 17:00									
Methanol	ND	400	ug/l	1	6I11004	09/11/06	09/11/06	EPA 8015B	R-01
Surrogate: 1-pentanol		*91 %*	*70-125*		"	"	"	"	
S-2 (MPI0142-02) Water Sampled: 09/06/06 11:45 Received: 09/06/06 17:00									
Methanol	ND	100	ug/l	1	6I11004	09/11/06	09/11/06	EPA 8015B	
Surrogate: 1-pentanol		*102 %*	*70-125*		"	"	"	"	
S-4 (MPI0142-03) Water Sampled: 09/06/06 12:25 Received: 09/06/06 17:00									
Methanol	ND	100	ug/l	1	6I11004	09/11/06	09/11/06	EPA 8015B	
Surrogate: 1-pentanol		*102 %*	*70-125*		"	"	"	"	
S-5 (MPI0142-04) Water Sampled: 09/06/06 14:05 Received: 09/06/06 17:00									
Methanol	ND	200	ug/l	1	6I11004	09/11/06	09/11/06	EPA 8015B	R-01
Surrogate: 1-pentanol		*74 %*	*70-125*		"	"	"	"	

TestAmerica
ANALYTICAL TESTING CORPORATION

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Morgan Hill, CA 95037
(408) 776-9600
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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MPI0142-01) Water Sampled: 09/06/06 12:45 Received: 09/06/06 17:00									**PH**
Benzene	ND	1.0	ug/l	2	6I12018	09/12/06	09/13/06	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	**1.7**	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**42**	1.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	**630**	40	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-130*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*60-145*		"	"	"	
Surrogate: Toluene-d8		*90 %*		*70-130*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*		*60-120*		"	"	"	
S-2 (MPI0142-02) Water Sampled: 09/06/06 11:45 Received: 09/06/06 17:00									**PH**
Benzene	ND	0.50	ug/l	1	6I12018	09/12/06	09/13/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**4.9**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*		*75-130*		"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*		*60-145*		"	"	"	
Surrogate: Toluene-d8		*85 %*		*70-130*		"	"	"	
Surrogate: 4-Bromofluorobenzene		*86 %*		*60-120*		"	"	"	

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-4 (MPI0142-03) Water Sampled: 09/06/06 12:25 Received: 09/06/06 17:00									**PH**
Benzene	ND	0.50	ug/l	1	6I12018	09/12/06	09/13/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.6**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-130*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*60-145*	"	"	"	"	
Surrogate: Toluene-d8		*84 %*		*70-130*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 %*		*60-120*	"	"	"	"	
S-5 (MPI0142-04) Water Sampled: 09/06/06 14:05 Received: 09/06/06 17:00									**PH**
Benzene	**8.6**	5.0	ug/l	10	6I12018	09/12/06	09/13/06	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**35**	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**830**	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	**240**	200	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-130*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*60-145*	"	"	"	"	
Surrogate: Toluene-d8		*88 %*		*70-130*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88 %*		*60-120*	"	"	"	"	

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12018 - EPA 5030B P/T / LUFT GCMS										
Blank (6I12018-BLK1)				Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.48*		*"*	*2.50*		*99*	*60-145*			
Laboratory Control Sample (6I12018-BS2)				Prepared & Analyzed: 09/12/06						
Gasoline Range Organics (C4-C12)	474	50	ug/l	440		108	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		*"*	*2.50*		*95*	*60-145*			
Matrix Spike (6I12018-MS1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**PH**
Gasoline Range Organics (C4-C12)	8360	500	ug/l	7000	1100	104	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		*"*	*2.50*		*93*	*60-145*			
Matrix Spike Dup (6I12018-MSD1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**PH**
Gasoline Range Organics (C4-C12)	8110	500	ug/l	7000	1100	100	75-140	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.37*		*"*	*2.50*		*95*	*60-145*			

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Industrial Solvents by EPA Method 8015B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I11004 - EPA 3810 Headspace / EPA 8015B										
Blank (6I11004-BLK1)				Prepared & Analyzed: 09/11/06						
Methanol	ND	100	ug/l							
Surrogate: 1-pentanol	*2370*		*"*	*2500*		*95*	*70-125*			
Laboratory Control Sample (6I11004-BS1)				Prepared & Analyzed: 09/11/06						
Methanol	962	100	ug/l	1000		96	75-125			
Surrogate: 1-pentanol	*2560*		*"*	*2500*		*102*	*70-125*			
Matrix Spike (6I11004-MS1)	**Source: MPI0142-02**			Prepared & Analyzed: 09/11/06						
Methanol	1060	100	ug/l	1000	ND	106	75-125			
Surrogate: 1-pentanol	*2230*		*"*	*2500*		*89*	*70-125*			
Matrix Spike Dup (6I11004-MSD1)	**Source: MPI0142-02**			Prepared & Analyzed: 09/11/06						
Methanol	1040	100	ug/l	1000	ND	104	75-125	2	20	
Surrogate: 1-pentanol	*2270*		*"*	*2500*		*91*	*70-125*			

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12018 - EPA 5030B P/T / EPA 8260B										
Blank (6I12018-BLK1)				Prepared & Analyzed: 09/12/06						
Benzene	ND	0.50	ug/l							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Ethanol	ND	100	"							
Surrogate: Dibromofluoromethane	*2.51*		"	*2.50*		*100*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-145*			
Surrogate: Toluene-d8	*2.07*		"	*2.50*		*83*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.18*		"	*2.50*		*87*	*60-120*			
Laboratory Control Sample (6I12018-BS1)				Prepared & Analyzed: 09/12/06						
Benzene	10.2	0.50	ug/l	10.0		102	70-125			
Toluene	10.6	0.50	"	10.0		106	70-120			
Ethylbenzene	10.9	0.50	"	10.0		109	70-130			
Xylenes (total)	34.3	0.50	"	30.0		114	80-125			
Methyl tert-butyl ether	11.2	0.50	"	10.0		112	50-140			
tert-Butyl alcohol	195	20	"	200		98	60-135			
Ethanol	217	100	"	200		108	15-150			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.28*		"	*2.50*		*91*	*60-145*			
Surrogate: Toluene-d8	*2.43*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.48*		"	*2.50*		*99*	*60-120*			
Matrix Spike (6I12018-MS1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**PH**
Benzene	115	5.0	ug/l	100	8.6	106	70-125			
Toluene	108	5.0	"	100	ND	108	70-120			
Ethylbenzene	155	5.0	"	100	35	120	70-130			
Xylenes (total)	351	5.0	"	300	ND	117	80-125			
Methyl tert-butyl ether	880	5.0	"	100	830	50	50-140			QM04
tert-Butyl alcohol	2310	200	"	2000	240	104	60-135			
Ethanol	2600	1000	"	2000	ND	130	15-150			
Surrogate: Dibromofluoromethane	*2.39*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.33*		"	*2.50*		*93*	*60-145*			
Surrogate: Toluene-d8	*2.52*		"	*2.50*		*101*	*70-130*			

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I12018 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6I12018-MS1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**PH**
Surrogate: 4-Bromofluorobenzene	*2.49*		*ug/l*	*2.50*		*100*	*60-120*			
Matrix Spike Dup (6I12018-MSD1)	**Source: MPI0142-04**			Prepared & Analyzed: 09/12/06						**PH**
Benzene	113	5.0	ug/l	100	8.6	104	70-125	2	15	
Toluene	107	5.0	"	100	ND	107	70-120	0.9	15	
Ethylbenzene	150	5.0	"	100	35	115	70-130	3	15	
Xylenes (total)	338	5.0	"	300	ND	113	80-125	4	15	
Methyl tert-butyl ether	901	5.0	"	100	830	71	50-140	2	25	QM04
tert-Butyl alcohol	2220	200	"	2000	240	99	60-135	4	35	
Ethanol	2450	1000	"	2000	ND	122	15-150	6	35	
Surrogate: Dibromofluoromethane	*2.41*		*"*	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		*"*	*2.50*		*95*	*60-145*			
Surrogate: Toluene-d8	*2.49*		*"*	*2.50*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.55*		*"*	*2.50*		*102*	*60-120*			

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Blaine Tech Services - San Jose (Shell)	Project: 9750 Golf Links Rd., Oakland	MPI0142
1680 Rogers Avenue	Project Number: 060906-SC2	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	09/18/06 17:49

Notes and Definitions

R-01	The reporting limit for this analyte has been raised to account for matrix interference.
QM04	The spike recovery was above control limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
PH	There was insufficient preservative to reduce the sample pH to less than 2. The sample was analyzed within 14 days of sampling, but beyond the 7 days recommended for Benzene, Toluene, and Ethylbenzene.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

☑ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 7 4 4

PO # | SAP or CRMT #

DATE: 09/06/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services		9750 Golf Links Rd. Oakland	CA	T0600101931

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Dennis Baertschi, Cambria, Eureka Office	707-268-3813	sonomaedf@cambria-env.com	060906-SC2

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

SAMPLER NAME(S) (Print): S. Carmack

LAB USE ONLY: MPI 0142

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

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

Analyze in Morgan Hill Laboratory only due to repoting limits

R/L for METHANOL = 500 PPB

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
	S-1 01	09/06/06	1245	H_2O	6	X		X	X									X
	S-2 02		1145		6	X		X	X									X
	S-4 03		1225		6	X		X	X									X
	S-5 04	↓	1405	↓	6	X		X	X									X

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

TEMPERATURE ON RECEIPT C°: 3.0

Relinquished by: (Signature)	Received by: (Signature)	Date: 09/06/06	Time: 1512
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/6/06	Time: 1600
Relinquished by: (Signature)	Received by: (Signature) Felipe Campos (M.H.)	Date: 9/6/06	Time: 1700

Q&Q Graphic (714) 998-9702

05/02/06 Revision

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Blaine Tech/Shell/989957 44 DATE REC'D AT LAB: 9-6-06
REC. BY (PRINT) Felix TIME REC'D AT LAB: 1700
WORKORDER: MPE0142 DATE LOGGED IN: 9-7-06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s): Present / Absent; Intact / Broken*									6 VOAs/HCl for each Sample I.D
2. Chain-of-Custody: Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #: Lab Courier									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which if yes) Yes / No									
14. Read Temp: 8.0°C									
Corrected Temp: 8.0°C									
Is corrected temp 4 +/- 2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)									
** Exception (if any): METALS / DFF ON ICE, or Problem COC									

9-7-06

IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 7
Replaces Rev 5 (07/13/04)
Effective 07/19/05

WELLHEAD INSPECTION CHECKLIST

Client Shell 9899574 4 Date 09/06/06

Site Address 9750 Golf Links Rd. Oakland, CA

Job Number 060906-SC2 Technician S. Carmack

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
S-1	X									
S-2	X									
S-4	X									
S-5	X									

NOTES:

WELL GAUGING DATA

Project # 060906-SC2 Date 09/06/06 Client Shell 9899 5744

Site 9750 Golf Links Rd. Oakland, 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-1	1109	4					8.92	17.39		
S-2	1059	4					6.49	11.73		
S-4	1053	4					10.57	13.36		
S-5	1104	4					10.65	14.01		

SHELL WELL MONITORING DATA SHEET

BTS #: 060906-SC2	Site: 9750 Golf Link Rd. Oakland, CA
Sampler: S. Carmack	Date: 09/06/06
Well I.D.: S-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 17.39	Depth to Water (DTW): 8.92
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]: 10.62	

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

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

5.6 (Gals.) X	3	= 16.8 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
1208	75.0	6.9	852	7	5.6	clear; odor
~~1210~~	1209 well dewatered @ 7.5 gallons				11.2	
1240	77.7	6.9	730	6	—	" "

Did well dewater? (Yes) No Gallons actually evacuated: 7.5

Sampling Date: 09/06/06 Sampling Time: 1245 Depth to Water: 9.10

Sample I.D.: S-1 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: TBA, TAME, oxy's, methanol

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060906-SC2	Site: 9750 Golf Links Rd. Oakland, CA
Sampler: S. Carmack	Date: 09/06/06
Well I.D.: S-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 11.73	Depth to Water (DTW): 6.49
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]: 7.54	

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

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

3.5 (Gals.) X 3 = 10.5 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
1132	70.8	7.0	1321	24	3.5	turbid / odor
(SC) ~~1133~~ 1133	75.8	7.0	936	12	7.0	clear "
1134	76.3	7.0	911	8	10.5	clear no odor

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Date: 09/06/06 Sampling Time: 1145 Depth to Water: 6.91

Sample I.D.: S-2 Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's, TBA, TAME, methanol

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060906-SC2	Site: 9750 Golf Links Rd. Oakland, CA
Sampler: S. Carmack	Date: 09/06/06
Well I.D.: S-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 13.36	Depth to Water (DTW): 10.57
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.13	

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

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

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

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

Time	Temp (°F)	pH	Cond (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1122	70.4	7.0	1072	288	1.9	cldy brown/moody
* Well dewatered @ 2.2 gallons						
1220	71.4	7.0	1058	110	—	clear/no odor

Did well dewater? (Yes) No — Gallons actually evacuated: 2.2

Sampling Date: 09/06/06 — Sampling Time: 1225 — Depth to Water: 11.10

Sample I.D.: S-4 — Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D — Other: Oxys, TBA, TAME, Methanol

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060906-SC2	Site: 9750 Golf Link Rd. Oakland/CA
Sampler: S. Carmack	Date: 09/06/06
Well I.D.: S-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.01	Depth to Water (DTW): 10.65
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]: 11.33	

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

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

2.2 (Gals.) X 3 = 6.6 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
1156	70.4	6.9	1007	22	2.2	clear; odor
1202	well dewatered @ 3.5 gallons					
~~1402~~ 1402	71.4	6.9	980	76	—	slightly turbid; odor

Did well dewater? (Yes) No — Gallons actually evacuated: 3.5

Sampling Date: 09/06/06 — Sampling Time: 1405 — Depth to Water: ~~11.30~~ 12.61

Sample I.D.: S-5 — Laboratory: STL Other TA

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's, TBA, TAME, methanol

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

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

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