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
3600 Park Boulevard
Oakland, California
SAP Code 135689
Incident No. 97610341
ACHCSA Case No. RO0002855

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

March 15, 2007

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

Re: **Groundwater Monitoring Report – First Quarter 2007**
Shell-branded Service Station
3600 Park Boulevard
Oakland, California
SAP Code 135689
Incident No. 97610341
Agency Case No. RO0002855

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 – First Quarter 2007

cc: Mr. Denis Brown, Shell

Cambria Environmental Technology, Inc.

19449 Riverside Drive
Suite 230
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

CAMBRIA

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2007

Site Address	3600 Park Boulevard, 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.	RO0002855
Shell SAP Code	135689
Shell Incident No.	97610341
Date of Most Recent Agency Correspondence	April 18, 2006

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	Northwesterly
Hydraulic Gradient	0.10
Depth to Water	4.62 to 14.45 feet below top of well casing

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the first month of the quarter and will tabulate the data, and Cambria will prepare a groundwater monitoring report.

CAMBRIA

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

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

K:\Oakland 3600 Park\QMR\2007\1Q07\1Q07 text with ACHCSA perjury.doc

10/01/04

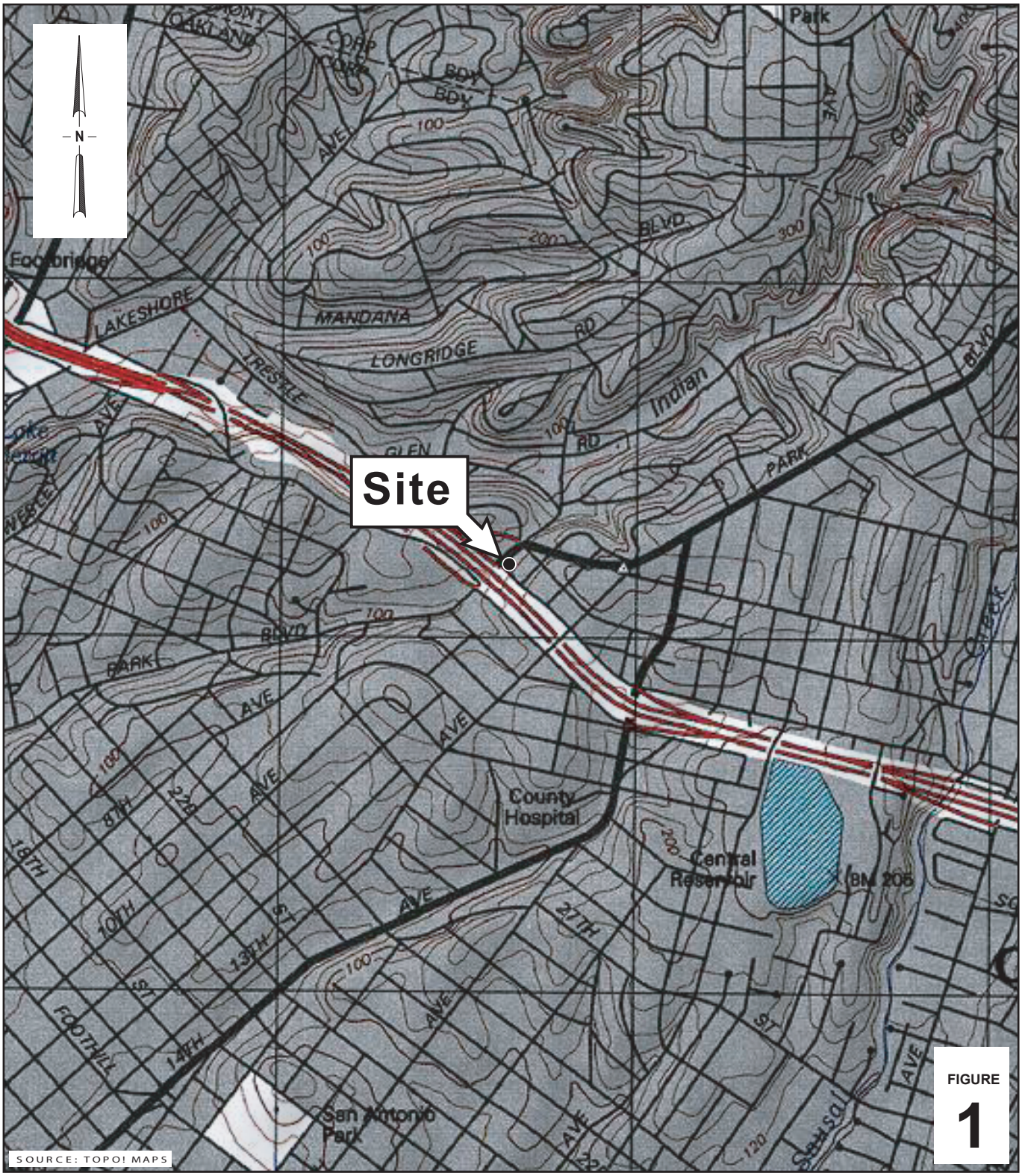


FIGURE 1

G:\OAKLAND 3600 PARK\FIGURES\VICINITY.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

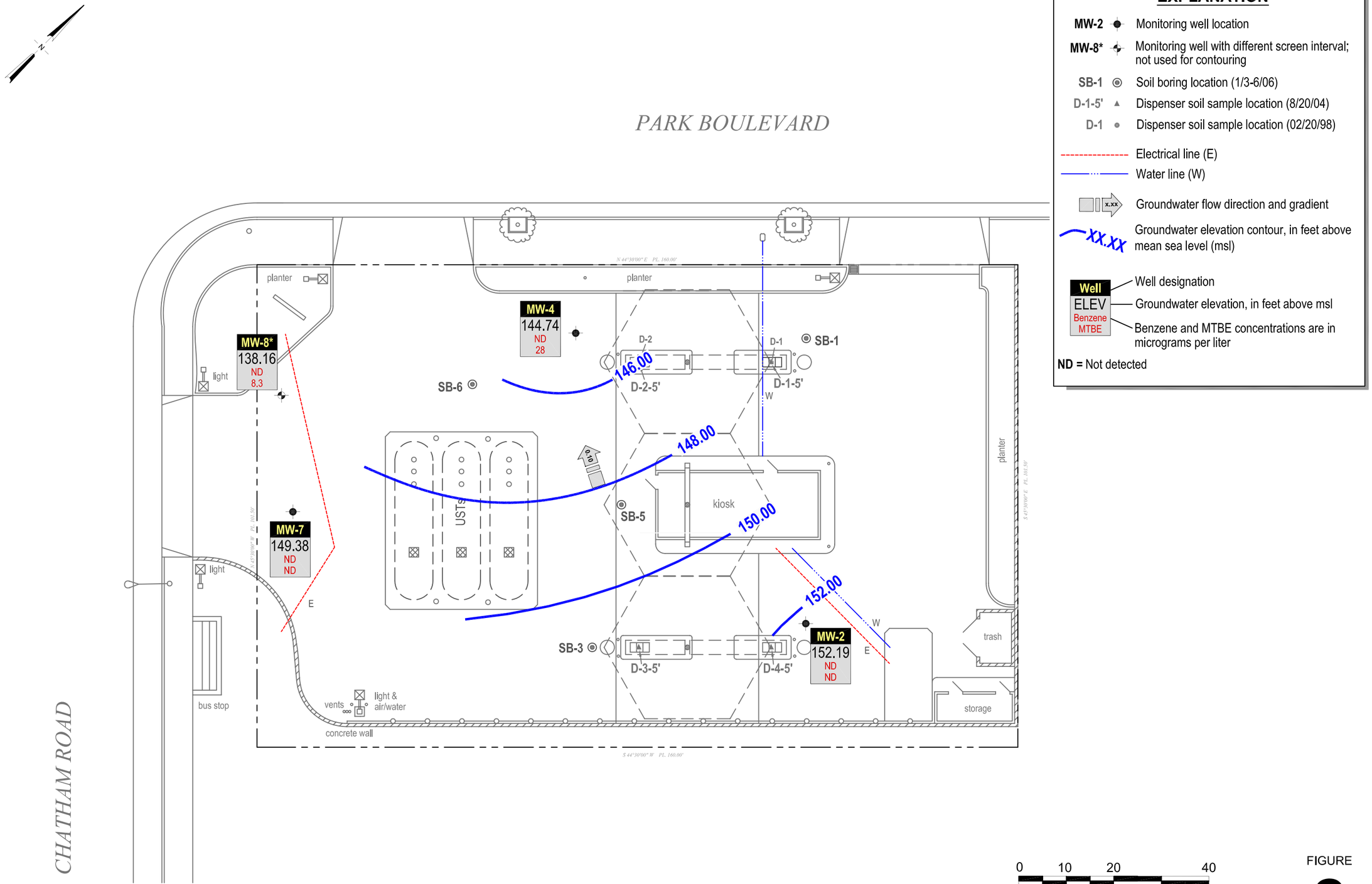
Shell-branded Service Station

3600 Park Boulevard
Oakland, California
Incident #98995747

CAMBRIA

Vicinity Map

03/12/07



EXPLANATION

- MW-2 — Monitoring well location
- MW-8* — Monitoring well with different screen interval; not used for contouring
- SB-1 — Soil boring location (1/3-6/06)
- D-1-5' — Dispenser soil sample location (8/20/04)
- D-1 — Dispenser soil sample location (02/20/98)
- Electrical line (E)
- Water line (W)
- x.xx — Groundwater flow direction and gradient
- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl)

Well
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in micrograms per liter

ND = Not detected

0 10 20 40
Scale (ft)

FIGURE
2

Groundwater Contour and Chemical Concentration Map

January 19, 2007

CAMBRIA

Shell-branded Service Station
3600 Park Boulevard
Oakland, California

k:\OAKLAND 3600 PARK\FIGURES\1QM07.DWG

Attachment A

Blaine Tech Services, Inc.
Groundwater Monitoring Report

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 21, 2007

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

First Quarter 2007 Groundwater Monitoring at
Shell–branded Service Station
3600 Park Boulevard
Oakland, CA

Monitoring performed on January 19, 2007

Groundwater Monitoring Report **070119-DR-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

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

cc: Denis Baertschi
Cambria Environmental Technology, Inc.
19449 Riverside Dr., Suite 230
Sonoma, CA 95476

WELL CONCENTRATIONS
Shell Service Station
3600 Park Boulevard
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.92	11.62	145.30
MW-2	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	156.92	8.72	148.20
MW-2	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	156.92	11.23	145.69
MW-2	04/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	2.53	<0.500	156.92	4.43	152.49
MW-2	07/11/2006	<50.0	<0.500	<0.500	<0.500	<1.50	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	156.92	4.48	152.44
MW-2	10/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	156.92	4.64	152.28
MW-2	**01/19/2007**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<10**	**<0.50**	**<0.50**	**156.92**	**4.73**	**152.19**
MW-4	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.00	9.43	145.57
MW-4	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	155.00	9.45	145.55
MW-4	01/24/2006	1,330	<0.500	<0.500	<0.500	<0.500	762	<0.500	<0.500	1.72	<10.0	1.35	<0.500	155.00	9.92	145.08
MW-4	04/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	72.7	<0.500	<0.500	<0.500	<10.0	1.00	<0.500	155.00	9.33	145.67
MW-4	07/11/2006	<50.0	<0.500	<0.500	<0.500	<0.500	38.8	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	155.00	9.68	145.32
MW-4	10/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	39.8	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	155.00	10.28	144.72
MW-4	**01/19/2007**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**28**	**<1.0**	**<1.0**	**<1.0**	**<10**	**0.68**	**<0.50**	**155.00**	**10.26**	**144.74**
MW-7	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.00	5.97	148.03
MW-7	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	154.00	6.40	147.60
MW-7	01/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	3.08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	154.00	9.64	144.36
MW-7	04/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	0.690	<0.500	<0.500	<0.500	<10.0	2.32	<0.500	154.00	3.49	150.51
MW-7	07/11/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	154.00	3.96	150.04
MW-7	10/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	154.00	5.11	148.89
MW-7	**01/19/2007**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<10**	**<0.50**	**<0.50**	**154.00**	**4.62**	**149.38**
MW-8	01/12/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	152.61	16.84	135.77
MW-8	01/19/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	152.61	16.00	136.61
MW-8	01/24/2006	1,120	<0.500	<0.500	<0.500	<0.500	592	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	152.61	17.08	135.53
MW-8	04/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	26.4	<0.500	<0.500	<0.500	<10.0	2.32	<0.500	152.61	12.97	139.64

WELL CONCENTRATIONS
Shell Service Station
3600 Park Boulevard
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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-8	07/11/2006	<50.0	<0.500	<0.500	<0.500	<0.500	16.8	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	152.61	12.91	139.70
MW-8	10/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	6.09	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	152.61	14.28	138.33
MW-8	**01/19/2007**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**8.3**	**<1.0**	**<1.0**	**<1.0**	**<10**	**<0.50**	**<0.50**	**152.61**	**14.45**	**138.16**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified 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 or tertiary butanol, analyzed by EPA Method 8260B
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

Notes:
Site surveyed on February 2, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

TestAmerica
ANALYTICAL TESTING CORPORATION

819 Striker Avenue, Suite 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.testamericainc.com

20 February, 2007

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

RE: 3600 Park Blvd, Oakland
Work Order: S701369

Enclosed are the results of analyses for samples received by the laboratory on 01/23/07 19:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Krenn
Project Manager

CA ELAP Certificate # 2630

TestAmerica
ANALYTICAL TESTING CORPORATION

819 Striker Avenue, Suite 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.testamericainc.com

Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	S701369-01	Water	01/19/07 10:48	01/23/07 19:00
MW-4	S701369-02	Water	01/19/07 11:30	01/23/07 19:00
MW-7	S701369-03	Water	01/19/07 11:01	01/23/07 19:00
MW-8	S701369-04	Water	01/19/07 11:15	01/23/07 19:00

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (S701369-01) Water Sampled: 01/19/07 10:48 Received: 01/23/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7A31018	01/31/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		*116 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*80-120*		"	"	"	"	
MW-4 (S701369-02) Water Sampled: 01/19/07 11:30 Received: 01/23/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7A31018	01/31/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		*115 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	
MW-7 (S701369-03) Water Sampled: 01/19/07 11:01 Received: 01/23/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7A31018	01/31/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		*118 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	
MW-8 (S701369-04) Water Sampled: 01/19/07 11:15 Received: 01/23/07 19:00									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l	1	7A31018	01/31/07	02/01/07	TPH by GC/MS	
Surrogate: Dibromofluoromethane		*115 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*80-120*		"	"	"	"	

TestAmerica
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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (S701369-01) Water Sampled: 01/19/07 10:48 Received: 01/23/07 19:00									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07 02:13	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*80-120*		"	"	"	"	
MW-4 (S701369-02) Water Sampled: 01/19/07 11:30 Received: 01/23/07 19:00									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07 02:41	EPA 8260B	
1,2-Dichloroethane	**0.68**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	
MW-7 (S701369-03) Water Sampled: 01/19/07 11:01 Received: 01/23/07 19:00									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07 03:09	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	
MW-8 (S701369-04) Water Sampled: 01/19/07 11:15 Received: 01/23/07 19:00									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07 03:37	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*80-120*		"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

BTEX/OXYGENATES by GC/MS (EPA 8260B)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (S701369-01) Water Sampled: 01/19/07 10:48 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*116 %*		*80-120*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*		*80-120*	"	"	"	"	
MW-4 (S701369-02) Water Sampled: 01/19/07 11:30 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**28**	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*		*80-120*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*		*80-120*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

BTEX/OXYGENATES by GC/MS (EPA 8260B)

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (S701369-03) Water Sampled: 01/19/07 11:01 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*118 %*		*80-120*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*		*80-120*	"	"	"	"	
MW-8 (S701369-04) Water Sampled: 01/19/07 11:15 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7A31018	01/31/07	02/01/07	EPA 8260B	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
m,p-Xylenes	ND	1.0	"	"	"	"	"	"	
Xylenes, Total	ND	1.0	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**8.3**	1.0	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	1.0	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	1.0	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*		*80-120*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*80-120*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*		*80-120*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7A31018 - EPA 5030B GCMS / TPH by GC/MS										
Blank (7A31018-BLK1)				Prepared & Analyzed: 01/31/07						
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*26.9*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*"*	*25.0*		*100*	*80-120*			
Laboratory Control Sample (7A31018-BS2)				Prepared & Analyzed: 01/31/07						
Volatile Fuel Hydrocarbons (C4-C12)	412	50	ug/l	500		82	55-130			
Surrogate: Dibromofluoromethane	*28.6*		*"*	*25.0*		*114*	*80-120*			
Surrogate: Toluene-d8	*26.5*		*"*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.0*		*"*	*25.0*		*104*	*80-120*			
Matrix Spike (7A31018-MS1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
Volatile Fuel Hydrocarbons (C4-C12)	1430	50	ug/l	1720	ND	83	50-145			
Surrogate: Dibromofluoromethane	*27.1*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.3*		*"*	*25.0*		*109*	*80-120*			
Matrix Spike Dup (7A31018-MSD1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
Volatile Fuel Hydrocarbons (C4-C12)	1430	50	ug/l	1720	ND	83	50-145	0	20	
Surrogate: Dibromofluoromethane	*27.8*		*"*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*"*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.1*		*"*	*25.0*		*108*	*80-120*			

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7A31018 - EPA 5030B GCMS / EPA 8260B										
Blank (7A31018-BLK1)				Prepared & Analyzed: 01/31/07						
1,2-Dibromoethane (EDB)	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	"							
Surrogate: Dibromofluoromethane	*26.9*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*"*	*25.0*		*100*	*80-120*			
Laboratory Control Sample (7A31018-BS1)				Prepared & Analyzed: 01/31/07						
1,2-Dibromoethane (EDB)	27.1	0.50	ug/l	25.0		108	75-125			
1,2-Dichloroethane	30.5	0.50	"	25.0		122	60-140			
Surrogate: Dibromofluoromethane	*28.5*		*"*	*25.0*		*114*	*80-120*			
Surrogate: Toluene-d8	*25.9*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.1*		*"*	*25.0*		*108*	*80-120*			
Matrix Spike (7A31018-MS1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
1,2-Dibromoethane (EDB)	30.5	0.50	ug/l	25.0	ND	122	70-130			
1,2-Dichloroethane	31.7	0.50	"	25.0	ND	127	60-140			
Surrogate: Dibromofluoromethane	*27.1*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.3*		*"*	*25.0*		*109*	*80-120*			
Matrix Spike Dup (7A31018-MSD1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
1,2-Dibromoethane (EDB)	28.0	0.50	ug/l	25.0	ND	112	70-130	9	25	
1,2-Dichloroethane	30.7	0.50	"	25.0	ND	123	60-140	3	20	
Surrogate: Dibromofluoromethane	*27.8*		*"*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*"*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.1*		*"*	*25.0*		*108*	*80-120*			

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7A31018 - EPA 5030B GCMS / EPA 8260B										
Blank (7A31018-BLK1)				Prepared & Analyzed: 01/31/07						
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylenes	ND	1.0	"							
Xylenes, Total	ND	1.0	"							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	"							
Di-isopropyl Ether (DIPE)	ND	1.0	"							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	"							
tert-Amyl Methyl Ether (TAME)	ND	1.0	"							
tert-Butanol (TBA)	ND	10	"							
Surrogate: Dibromofluoromethane	*26.9*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*"*	*25.0*		*100*	*80-120*			
Laboratory Control Sample (7A31018-BS1)				Prepared & Analyzed: 01/31/07						
Benzene	25.4	0.50	ug/l	25.0		102	70-120			
Ethylbenzene	27.7	0.50	"	25.0		111	75-125			
Toluene	24.9	0.50	"	25.0		100	70-120			
o-Xylene	28.3	0.50	"	25.0		113	75-125			
m,p-Xylenes	54.8	1.0	"	50.0		110	75-125			
Xylenes, Total	83.1	1.0	"	75.0		111	70-125			
Methyl-tert-butyl Ether (MTBE)	27.1	1.0	"	25.0		108	60-135			
Di-isopropyl Ether (DIPE)	26.9	1.0	"	25.0		108	60-135			
Ethyl tert-Butyl Ether (ETBE)	28.4	1.0	"	25.0		114	65-135			
tert-Amyl Methyl Ether (TAME)	28.2	1.0	"	25.0		113	60-135			
tert-Butanol (TBA)	132	10	"	125		106	70-135			
Surrogate: Dibromofluoromethane	*28.5*		*"*	*25.0*		*114*	*80-120*			
Surrogate: Toluene-d8	*25.9*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.1*		*"*	*25.0*		*108*	*80-120*			

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

BTEX/OXYGENATES by GC/MS (EPA 8260B) - Quality Control

TestAmerica - Irvine, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7A31018 - EPA 5030B GCMS / EPA 8260B										
Matrix Spike (7A31018-MS1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125			
Ethylbenzene	29.1	0.50	"	25.0	ND	116	65-130			
Toluene	25.2	0.50	"	25.0	ND	101	70-125			
o-Xylene	29.3	0.50	"	25.0	ND	117	65-125			
m,p-Xylenes	58.5	1.0	"	50.0	ND	117	65-130			
Xylenes, Total	87.9	1.0	"	75.0	ND	117	60-130			
Methyl-tert-butyl Ether (MTBE)	29.1	1.0	"	25.0	ND	116	55-145			
Di-isopropyl Ether (DIPE)	26.9	1.0	"	25.0	ND	108	60-140			
Ethyl tert-Butyl Ether (ETBE)	28.9	1.0	"	25.0	ND	116	60-135			
tert-Amyl Methyl Ether (TAME)	29.2	1.0	"	25.0	ND	117	60-140			
tert-Butanol (TBA)	131	10	"	125	ND	105	65-140			
Surrogate: Dibromofluoromethane	*27.1*		*"*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*"*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.3*		*"*	*25.0*		*109*	*80-120*			
Matrix Spike Dup (7A31018-MSD1)	**Source: IQA3025-01**			Prepared & Analyzed: 01/31/07						
Benzene	26.0	0.50	ug/l	25.0	ND	104	65-125	0	20	
Ethylbenzene	28.8	0.50	"	25.0	ND	115	65-130	1	20	
Toluene	26.0	0.50	"	25.0	ND	104	70-125	3	20	
o-Xylene	28.4	0.50	"	25.0	ND	114	65-125	3	20	
m,p-Xylenes	56.9	1.0	"	50.0	ND	114	65-130	3	25	
Xylenes, Total	85.4	1.0	"	75.0	ND	114	60-130	3	20	
Methyl-tert-butyl Ether (MTBE)	28.4	1.0	"	25.0	ND	114	55-145	2	25	
Di-isopropyl Ether (DIPE)	27.5	1.0	"	25.0	ND	110	60-140	2	25	
Ethyl tert-Butyl Ether (ETBE)	30.5	1.0	"	25.0	ND	122	60-135	5	25	
tert-Amyl Methyl Ether (TAME)	28.8	1.0	"	25.0	ND	115	60-140	1	30	
tert-Butanol (TBA)	134	10	"	125	ND	107	65-140	2	25	
Surrogate: Dibromofluoromethane	*27.8*		*"*	*25.0*		*111*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*"*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*27.1*		*"*	*25.0*		*108*	*80-120*			

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Blaine Tech Services (Shell)	Project: 3600 Park Blvd, Oakland	S701369
1680 Rogers Avenue	Project Number: 97610341	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	02/20/07 01:54

Notes and Definitions

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

LAB:
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☐ [redacted] - Nashville, Tennessee
- ☐ Calscience
- ☐ Other_____

SAC

SHELL Chain Of Custody Record

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 7 6 1 0 3 4 1

PO #:

SAP or CRMT #:

DATE: 1/19/07

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	3600 Park Blvd., Oakland	CA	T0600115417

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
Dennis Baertschi, Cambria, Sonoma Office	(707) 268-3813	sonomaedf@cambria-env.com	BTS # 070119-DNI

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

TELEPHONE:	FAX:	E-MAIL:
408-573-0555	408-573-7771	mninokata@blainetech.com

SAMPLER NAME(S) (Print): D. Raynal

LAB USE ONLY: 570369

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

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)	TPH-motor oil (8015M)	TDS (160.1)	Total Iron (6010B)	Total Lead (6010B)
01	MW-2	1/19/07	1048	W	3	X		X	X						X	X						
02	mw-21	"	1130	W	3	V		X	V						X	X						
03	mw-7	"	1101	W	3	X		X	V						V	X						
04	mw-8	"	1115	W	3	X		X	X						X	X						

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

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		1/19/07	1610
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Sample Custody		1/22/07	1435
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		1/22/07	1535

1/23/07 1/22/07 08:40

05/02/06 Revision

Q&Q Graphic (714) 898-9702

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 3600 Park Blvd. Oakland CA. Date 1/19/07

Job Number 070119-DR1 Technician DR Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-2	X								
MW-4	X								
MW-7	√								
MW-8	X								

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

Notes:

WELL GAUGING DATA

Project # 070119.DR1 Date 1/19/07 Client 97610341

Site 3600 Park Blvd. 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
mw-2	0822	4					4.73	29.50		
mw-7	0827	4					4.62	~~37~~ 29.91		
mw-8	0831	4					14.45	49.45		
mw-4	0836	4					10.26	29.51		

SHELL WELL MONITORING DATA SHEET

BTS #: 070119-DR1	Site: 97610341
Sampler: DR	Date: 1/19/07
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.50	Depth to Water (DTW): 4.73
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]: 9.68	

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: ____

16.1 (Gals.) X	3	= 48.3 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0848	60.5	6.3	1724	16	16.1	clear
* Well dewatered at 23 gal.						DTW = 27.91
1048	62.5	6.8	1530	89	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 23.0

Sampling Date: 1/19/07 Sampling Time: 1048 Depth to Water: 25.09

Sample I.D.: MW-2 Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's (5), 1,2 DCA, EDB

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 #: 070119-DR1	Site: 97610341
Sampler: DR	Date: 1/19/07
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 29.51	Depth to Water (DTW): 10.26
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]: 14.11	

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: ____

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0927	65.7	6.9	698	12	12.5	clear
0930	68.2	6.8	697	192	25.0	cloudy
@ well	dewatered	at	26.0	gal.		
1130	63.5	7.1	844	24	—	clear

Did well dewater? (Yes) No — Gallons actually evacuated: 26.0

Sampling Date: 1/19/07 — Sampling Time: 1130 — Depth to Water:

Sample I.D.: MW-4 — Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's (5), 1,2 DCA, EDB

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 #: 070119-DR1	Site: 97610341
Sampler: DR	Date: 1/19/07
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 37.91	Depth to Water (DTW): 4.62
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]: 11.28	

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:

21.6 (Gals.) X	3	= 64.8 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
0901	64.0	7.4	1188	10	21.6	clear
to well	dewatered @	36.0 gal				DTW = 36.29
1101	62.8	7.3	1169	11	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 36.0

Sampling Date: 1/19/07 Sampling Time: 1101 Depth to Water: 34.06

Sample I.D.: MW-7 Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's (5), 1,2 DCA, EDB

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 #: 070119-DR1	Site: 97610341
Sampler: DR	Date: 1/19/07
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 49.45	Depth to Water (DTW): 14.45
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]: 21.45	

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

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

22.8 (Gals.) X 3 = 68.4 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
0915	65.1	7.1	1102	11	22.8	clear
to well	dewatered	@	37.0	gal.		DTW = 47.66
1115	63.4	7.3	1164	10	—	clear

Did well dewater? (Yes) No — Gallons actually evacuated: 37.0

Sampling Date: 1/19/07 — Sampling Time: 1115 — Depth to Water: 45.91

Sample I.D.: MW-8 — Laboratory: STL Other (TA)

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's (5), 1,2 DCA, EDB

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