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By dehloptoxic at 8:40 am, Aug 30, 2006

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.1.brown@shell.com

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

Re: Former Shell-branded Service Station

9750 Golf Links Road Oakland, California SAP Code 135683 Incident No. 98995744 ACHCSA Case No. 2441

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

August 29, 2006

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

Re: Groundwater Monitoring Report - Second Quarter 2006

Shell-branded Service Station 9750 Golf Links Road Oakland, California SAP Code 135683 Incident No. 98995744 Fuel Leak 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.

SECOND QUARTER 2006 ACTIVITIES

Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled all site wells and prepared a summary table of field gauging and laboratory analytical data. Cambria prepared a site vicinity/area well survey map (Figure 1) and a groundwater contour/chemical concentration map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Appendix A.

ANTICIPATED THIRD QUARTER 2006 ACTIVITIES

Blaine will gauge and sample all site wells and tabulate the data. Cambria will prepare a groundwater monitoring report.

Cambria Environmental Technology, Inc.

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



CAMBRIA

CLOSING

If you have any questions or comments regarding this submittal, please call Dennis Baertschi at (707) 268-3813.

Sincerely,

Cambria Environmental Technology, Inc.

Dennis Baertschi Project Manager

Ana Friel, PG Associate Geologist An 6452 24 9/07 4

Attachments:

Figure 1.

Site Vicinity/Area Well Survey Map

Figure 2.

Groundwater Contour/Chemical Concentration Map

Appendix A.

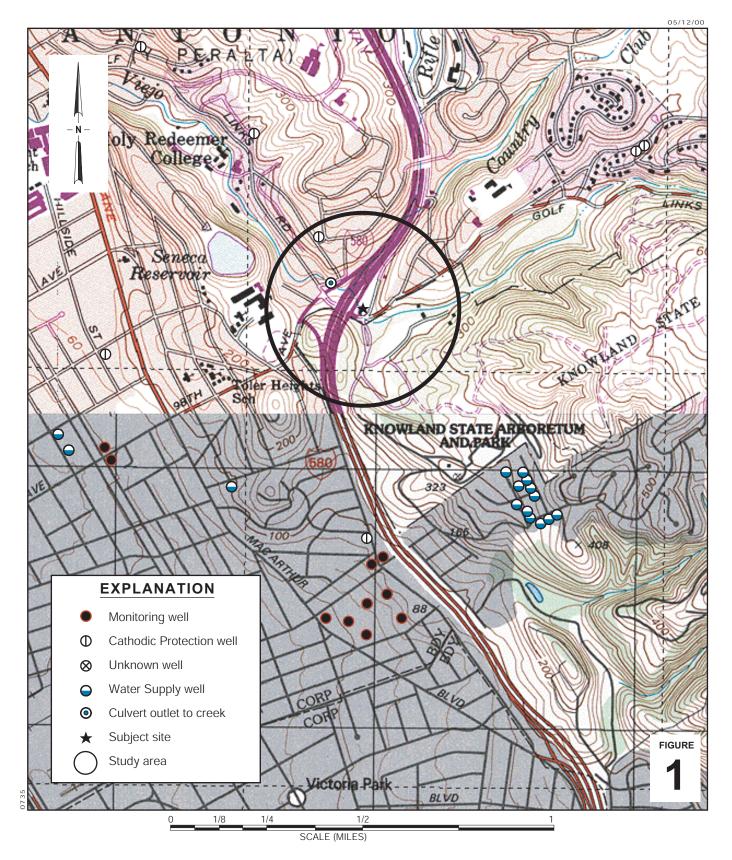
Blaine Tech Services – Groundwater Monitoring Report

cc:

Mr. Denis Brown, Shell

I:\Oakland 9750 Golf Links\QMRs\2006\2Q06\0735 2Q06 qm.doc

0735



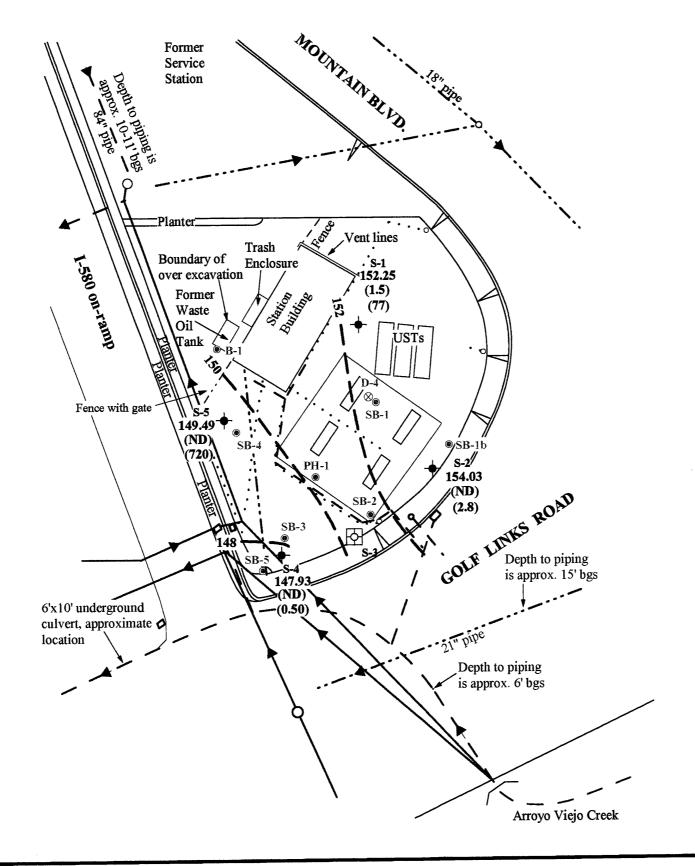
Shell-branded Service Station

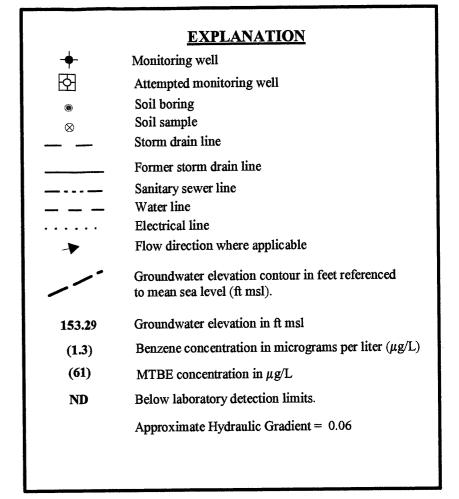
9750 Golf Links Road Oakland, California

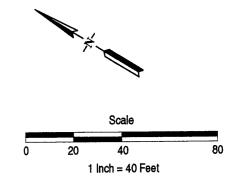


Site Vicinity/ Area Well Survey Map

(1/4-Mile Radius)







FIGURE

2

Shell-branded Service Station

9750 Golf Links Road Oakland, California



Groundwater Contour/
Chemical Concentration Map

Appendix A

Blaine Tech Services Groundwater Monitoring Report



GROUNDWATER SAMPLING SPECIALISTS SINCE 1985

July 13, 2006

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

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

Monitoring performed on June 14, 2006

Groundwater Monitoring Report 060614-LC-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

							MTBE										Depth to	GW
Well ID	Date	TPPH	В	T	E	X	8260	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB	Methanol	Ethanol	TOC	Water	Elevation
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(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	<500	<1,300	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	2,800	<500	160.54	7.91	152.63
S-1	08/02/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<500	NA	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	<10,000	<50.0	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	<250 d	<100	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-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	<500	<50	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	<500	<50	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	<500	<50	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	<10,000	<50.0	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
			1						ī	1					ı	ī	ī	
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	<500	<100	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	<500	<50	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	<500	<50	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	<10,000	<50.0	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
	•		1	•		1	-	-	1	•	-			1	T	•	T	
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	<500	<1,300	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	<500	<1,300	159.69	10.30	149.39

WELL CONCENTRATIONS Shell-branded Service Station 9750 Golf Links Road Oakland, CA

							MTBE										Depth to	GW
Well ID	Date	TPPH	В	Т	Е	X	8260	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB	Methanol	Ethanol	TOC	Water	Elevation
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(MSL)							
S-5	08/29/2005	<1,300	31	<13	60	<25	1,700	<50	<50	<50	320	<13	<13	<500	<1,300	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	<10,000	<50.0	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	<250 d	<100	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

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

							MTBE										Depth to	GW
Well ID	Date	TPPH	В	Т	E	X	8260	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB	Methanol	Ethanol	TOC	Water	Elevation
		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(MSL)	(ft.)	(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.

Ethanol and Methanol analyzed by EPA Method 8260B.

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



30 June, 2006

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

RE: 9750 Golf Links Rd., Oakland

Work Order: MPF0596

Enclosed are the results of analyses for samples received by the laboratory on 06/15/06 15:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Vincent Vancil For Theresa Allen

200

Project Manager

CA ELAP Certificate # 1210



ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	MPF0596-01	Water	06/14/06 16:05	06/15/06 15:35
S-2	MPF0596-02	Water	06/14/06 14:55	06/15/06 15:35
S-4	MPF0596-03	Water	06/14/06 15:15	06/15/06 15:35
S-5	MPF0596-04	Water	06/14/06 15:40	06/15/06 15:35



Total Purgeable Hydrocarbons by GC/MS (CA LUFT) Sequoia Analytical - Morgan Hill

Analyte Resu	Reporting t Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
S-1 (MPF0596-01) Water Sampled: 06/14/06 16:0	5 Received: 06/	/15/06 15:	35					
Gasoline Range Organics (C4-C12) 130	100	ug/l	2	6F20001	06/20/06	06/20/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4	92 %	60-1	145	"	"	"	"	
S-2 (MPF0596-02) Water Sampled: 06/14/06 14:5	5 Received: 06/	/15/06 15:3	35					
Gasoline Range Organics (C4-C12) NI	50	ug/l	1	6F20001	06/20/06	06/20/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4	92 %	60-1	145	"	"	"	"	
S-4 (MPF0596-03) Water Sampled: 06/14/06 15:1	5 Received: 06/	/15/06 15:3	35					
Gasoline Range Organics (C4-C12) NI	50	ug/l	1	6F20001	06/20/06	06/20/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4	91 %	60-1	145	"	"	"	"	
S-5 (MPF0596-04) Water Sampled: 06/14/06 15:4	0 Received: 06/	/15/06 15:	35					
Gasoline Range Organics (C4-C12) 51	500	ug/l	10	6F20001	06/20/06	06/20/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4	91 %	60-1	145	"	"	"	"	



Volatile Organic Compounds by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
S-1 (MPF0596-01) Water	Sampled: 06/14/06 16:05	Received: 06/	15/06 15:3	35					
Benzene	1.5	1.0	ug/l	2	6F20001	06/20/06	06/20/06	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	2.3	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	77	1.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	400	40	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroetho	ane-d4	92 %	60-1	45	"	"	"	"	
Surrogate: 4-Bromofluorobe	enzene	105 %	60-1	15	"	"	"	"	
Surrogate: Dibromofluorom	nethane	91 %	75-1	30	"	"	"	"	
Surrogate: Toluene-d8		94 %	70-1	30	"	"	"	"	
S-2 (MPF0596-02) Water	Sampled: 06/14/06 14:55	Received: 06/	15/06 15:3	35					
Benzene	ND	0.50	ug/l	1	6F20001	06/20/06	06/20/06	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.8	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroetho	ane-d4	92 %	60-1-	45	"	"	"	"	
Surrogate: 4-Bromofluorobe	enzene	88 %	60-1	15	"	"	"	"	
Surrogate: Dibromofluorom	ethane	95 %	75-1	30	"	"	"	"	
Surrogate: Toluene-d8		97 %	70-1	30	"	"	"	"	
Surroguie. Totuene-do		97 /0	/0-1	50					



Volatile Organic Compounds by EPA Method 8260B Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Sampled: 06/14/06 15:15				- Duten	Tropulou	111111111111111111111111111111111111111		110101
Benzene	ND	0.50	ug/l	1	6F20001	06/20/06	06/20/06	EPA 8260B	
Toluene	ND ND	0.50	ug/1	"	"	"	"	El A 6200B	
Ethylbenzene	ND ND	0.50	"	"	"	"	"	"	
Xylenes (total)	0.51	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	0.50	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane	e-d4	91 %	60-	145	"	"	"	"	
Surrogate: 4-Bromofluoroben:	zene	92 %	60-	-115	"	"	"	"	
Surrogate: Dibromofluoromet		91 %	75-	-130	"	"	"	"	
Surrogate: Toluene-d8		94 %	70-	-130	"	"	"	"	
_	Sampled: 06/14/06 15:40	Received: 06/	15/06 15	:35					
Benzene	ND	5.0	ug/l	10	6F20001	06/20/06	06/20/06	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	720	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane	e-d4	91 %	60-	145	"	"	"	"	
Surrogate: 4-Bromofluoroben:	zene	91 %	60-	-115	"	"	"	"	
Surrogate: Dibromofluoromet		90 %	75-	130	"	"	"	"	
Surrogate: Toluene-d8		94 %	70-	-130	"	"	"	"	



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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6F20001 - EPA 5030B P/T / L	UFT GCMS									
Blank (6F20001-BLK1)				Prepared	& Analyze	ed: 06/20/	06			
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.22		"	2.50		89	60-145			
Laboratory Control Sample (6F20001-B	SS1)			Prepared	& Analyze	ed: 06/20/	06			
Gasoline Range Organics (C4-C12)	514	50	ug/l	440		117	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50		93	60-145			
Matrix Spike (6F20001-MS1)	Source: M	PF0596-04		Prepared	& Analyze	ed: 06/20/	06			
Gasoline Range Organics (C4-C12)	5890	500	ug/l	4400	510	122	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-145			
Matrix Spike Dup (6F20001-MSD1)	Source: M	PF0596-04		Prepared	& Analyze	ed: 06/20/	06			
Gasoline Range Organics (C4-C12)	5910	500	ug/l	4400	510	123	75-140	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	2.27		"	2.50		91	60-145			



Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F20001 - EPA 5030B P/T / EPA	8260B						
Blank (6F20001-BLK1)				Prepared & Ar	nalyzed: 06/20/	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	"				
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	"				
1,2-Dichloroethane	ND	0.50	"				
1,2-Dibromoethane (EDB)	ND	0.50	"				
Ethanol	ND	100	"				
Surrogate: 1,2-Dichloroethane-d4	2.22		"	2.50	89	60-145	
Surrogate: 4-Bromofluorobenzene	2.22		"	2.50	89	60-115	
Surrogate: Dibromofluoromethane	2.23		"	2.50	89	75-130	
Surrogate: Toluene-d8	2.36		"	2.50	94	70-130	
Laboratory Control Sample (6F20001-BS1)				Prepared & Ar	nalyzed: 06/20/	06	
Benzene	5.40	0.50	ug/l	5.16	105	70-125	
Toluene	35.6	0.50	"	37.2	96	70-120	
Ethylbenzene	7.00	0.50	"	7.54	93	80-130	
Xylenes (total)	40.5	0.50	"	41.2	98	85-125	
Methyl tert-butyl ether	8.88	0.50	"	7.02	126	50-140	
Di-isopropyl ether	18.8	0.50	"	15.1	125	70-130	
Ethyl tert-butyl ether	17.9	0.50	"	15.0	119	65-130	
tert-Amyl methyl ether	17.7	0.50	"	15.0	118	65-135	
tert-Butyl alcohol	171	20	"	143	120	60-135	
1,2-Dichloroethane	17.3	0.50	"	14.7	118	75-125	
1,2-Dibromoethane (EDB)	16.9	0.50	"	14.9	113	85-125	
Ethanol	146	100	"	142	103	15-150	
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50	93	60-145	
Surrogate: 4-Bromofluorobenzene	2.44		"	2.50	98	60-115	
Surrogate: Dibromofluoromethane	2.22		"	2.50	89	75-130	
Surrogate: Toluene-d8	2.37		"	2.50	95	70-130	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.





Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Morgan Hill

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 6F20001 - EPA 5030B P/T / EPA 8260B	Batch 6F20001	- EPA 5030B	P/T / EPA 8260B
---	---------------	-------------	-----------------

Matrix Spike (6F20001-MS1)	Source: MP	F0596-04		Prepared a	& Analyze					
Benzene	60.0	5.0	ug/l	51.6	4.9	107	70-125			
Toluene	356	5.0	"	372	ND	96	70-120			
Ethylbenzene	73.2	5.0	"	75.4	1.9	95	80-130			
Xylenes (total)	400	5.0	"	412	ND	97	85-125			
Methyl tert-butyl ether	713	5.0	"	70.2	720	0	50-140			QM05
Di-isopropyl ether	192	5.0	"	151	ND	127	70-130			
Ethyl tert-butyl ether	180	5.0	"	150	ND	120	65-130			
tert-Amyl methyl ether	181	5.0	"	150	1.5	120	65-135			
tert-Butyl alcohol	1830	200	"	1430	120	120	60-135			
1,2-Dichloroethane	178	5.0	"	147	ND	121	75-125			
1,2-Dibromoethane (EDB)	169	5.0	"	149	ND	113	85-125			
Ethanol	1440	1000	"	1420	ND	101	15-150			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-145			
Surrogate: 4-Bromofluorobenzene	2.36		"	2.50		94	60-115			
Surrogate: Dibromofluoromethane	2.23		"	2.50		89	75-130			
Surrogate: Toluene-d8	2.37		"	2.50		95	70-130			
Matrix Spike Dup (6F20001-MSD1)	Source: MP	F0596-04		Prepared &	& Analyze	ed: 06/20	/06			
Benzene	59.6	5.0	ug/l	51.6	4.9	106	70-125	0.7	15	
Toluene	358	5.0	"	372	ND	96	70-120	0.6	15	
Ethylbenzene	74.2	5.0	"	75.4	1.9	96	80-130	1	15	
Xylenes (total)	410	5.0	"	412	ND	100	85-125	2	15	
Methyl tert-butyl ether	698	5.0	"	70.2	720	0	50-140	2	25	QM05
Di-isopropyl ether	186	5.0	"	151	ND	123	70-130	3	35	
Ethyl tert-butyl ether	178	5.0	"	150	ND	119	65-130	1	35	
tert-Amyl methyl ether	180	5.0	"	150	1.5	119	65-135	0.6	25	
tert-Butyl alcohol	1830	200	"	1430	120	120	60-135	0	35	
1,2-Dichloroethane	172	5.0	"	147	ND	117	75-125	3	10	
1,2-Dibromoethane (EDB)	168	5.0	"	149	ND	113	85-125	0.6	15	
Ethanol	1470	1000	"	1420	ND	104	15-150	2	35	
Surrogate: 1,2-Dichloroethane-d4	2.27		"	2.50		91	60-145			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-115			
	2.75									
Surrogate: Dibromofluoromethane	2.22		"	2.50		89	75-130			
· ·			"	2.50 2.50		89 94	75-130 70-130			

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.





Notes and Definitions

QM05 The spike recovery was below 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.

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:						SH	Εl	L	Ch.	ain	C)f (2019	sto	dv	R	ec	ora	ŀ							
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						eab	Extractable		3260E								_	(A							or Labor	atory Notes
Analyze in Morgan I	Hill Laboratory o	nly due	to repo	ting lin	nits	Purgeable (8260B)	<u>"</u> "	<u>6</u>	tes (8260B) DIPE, TAME	<u>@</u>	<u>~</u>	<u>6</u>	<u>@</u>	l @	809;	<u> </u>	60B)	1015								
R/L for METHANOL = 50	00 PPB					Gas,	TPH - Diesel,	(8260B)	5 Oxygenates (MTBE, TBA, DIP	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)								
ELAB:	Identification	SAM	PLING	MATRIX	NO. OF	_ ₩-	±	BTEX (Dxyg	18E	¥ (8	PE (s	闄) BE	200	B (8	hano	thar							TEMPERATURE C	ON RECEIPT C°
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Alexander	= 6150	6 /S	\7 \7																							

CLIENT NAME: Shell REC. BY (PRINT) 1.P. WORKORDER: MP = 0596			DATE REC'D AT LAB: TIME REC'D AT LAB: DATE LOGGED IN:					DRINKING Y WASTE WA	TER YES (NO)
· · · · · · · · · · · · · · · · · · ·	LAB	DASH			PRESERV	рH	SAMPLE	DATE SAMPLED	REMARKS: CONDITION (ETC.)
CIRCLE THE APPROPRIATE RESPONSE	SAMPLE#	#	CLIENT ID	DESCRIPTION	Alive		WATTIK		
Custody Seal(s) Present / Absent Intagt / Broken*									
2. Chain-of-Custody Present / Absent*			•		-	· ·	-		
3. Traffic Reports or - Present Absent								/-	
4. Airbill: Airbill / Stieker Present/ Absent		1				<u> </u>			
5. Airbill #: Present / Absent							<u> ; / :</u>		
6. Sample Labels: Present / Absent 7. Sample IDs: Listed / Not Listed on Chain-of-Custody						10	1		
8. Sample Condition: Intact / Broken* / Leaking*					15	· ·	*		
9. Does information on chain-of-custody,				-	10				
traffic reports and sample labels agree? Yes/ No*		-			7				
to. Sample received within hold time?				1					
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*						- 	<u> </u>		
C. 8C									
14. Read Temp: Corrected Temp: Is corrected temp 4 +/-2°C? Yes No**									
(Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE		1				_			reservations and an arrangement
or Problem COC			, CONTACT PROJEC	T M'ANAGER A	ND ATTAC	H REC	ORD OF R	ESOLUTION	V.)

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

WELLHEAD INSPECTION CHECKLIST Date 6/11/06 Client Shell Site Address 9750 Golf Links Rd, Oakland Job Number <u>0606 14-LCL</u> Technician WELL IS Well Other WELL IS MARKED WITH Water Well Not Inspected -Wellbox Action Repair Bailed Inspected **SECURABLE** THE WORDS Cap Lock No Corrective Components Taken Order From Replaced Replaced (explain BY DESIGN "MONITORING Action Cleaned Submitted (explain (12"or less) Wellbox below) WELL" Required below) (12"or less) Well ID NOTES:

WELL GAUGING DATA

Project # <u>() 600</u>	Date_	6/14/06	Client Shell
Site 9750	Golf Links	Rd. Baklona	

Well ID	Well Size (in.)	Sheen / Odor		Thickness of Immiscible Liquid (ft.)		Depth to water	Depth to well bottom (ft.)	Survey Point: TOB or TOG	
5-1	4					9.29	17.40		
5-2	Ц					6.00	17.40 11.70 13.39 14.02		
5-4	4					1030	13.39		
5-2 5-4 \$ -5	11					1020	14.02	\downarrow	
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The second secon						THE PROPERTY OF THE PROPERTY O			
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BTS#: 060614-LC	72	Site: 989	95744	
Sampler: LC	•	Date: 🎾/j	4/06	
Well I.D.: 5-7		Well Diamet	er: 2 3 (4)	6 8
Total Well Depth (TD):	40	Depth to Wa	ter (DTW): £2	9
Depth to Free Product:		Thickness of	Free Product (fee	et):
Referenced to:	Grade	D.O. Meter ((if req'd):	YSI HACH
DTW with 80% Recharge [(He	eight of Water	Column x 0.2	20) + DTW]: 10	·.]]
Purge Method: Bailer Disposable Bailer Positive Air Displacemen Electric Submersible		Waterra Peristaltic tion Pump	Sampling Method: Other:	Railer Disposable Bailer Extraction Port Dedicated Tubing
Gals.) X Specified Volume	$= \frac{18.0}{\text{Calculated Vo}}$	Gals.	0.04 4" 0.16 6" 0.37 Other	0.65 1.47
Time Temp (°F) pH 1557 70.7 7.0	Cond. (mS or [48) 7-81.0	Turbidity (NTUs)	Gals. Removed	Observations
- Dewode	d @8	gals —		
1605 69.1 7.1 Did well dewater?	784.0	Gallons actu	ally evacuated: (A-
	No Sampling Tim		Depth to Wate	" 1/2)/
Sampling Date: 6/14/05 Sample I.D.: 4-1	Sampling Tim	Laboratory:	STL Other 1.	
Analyzed for: TEN-G BYEX	MTBE TPH-D	Other: TBA	1. TAME	
EB I.D. (if applicable):	@ Time	. , •	D. (if applicable):	
Analyzed for: TPH-G BTEX	MTBE TPH-D	Other:		
D.O. (if req'd): Pre-purge:		ing/L	Post-purge:	mg/[
O.R.P. (if req'd): Pre-purge:		mV	Post-purge:	mV

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BTS #: 00	30616	1-60	2	Site: C	18991	5744			
Sampler:	LC			Date:	6/14/	26			
Well I.D.:	S-2			Well D	iameter:	: 2 3	24	6 8	
Total Well	Depth (TD): \ _] ;=	70	Depth t	o Water	· (DTW):	C.0	ා <i>ව</i>	
Depth to Fr	ee Product	•				ree Produ			
Referenced	to:	PVC	Grade	D.O. M	leter (if	req'd):		YSI HA	ACH
DTW with	80% Rech	arge [(H	leight of Water	Column	x 0.20)) + DTW]	: 7	14)	
Purge Method:	Bailer Disposable B Positive Air I Electro Subm	Displaceme	ent Extrac Other	_	Well Diamete	Sampling I	Other:	Disposable Extraction Dedicated Disposable Extraction Disposable Disposabl	e Bailer on Port Tubing
3.7 (0 1 Case Volume	Gals.) X Speci	3 fied Volun		Gals.	1" 2" 3"	0.04 0.16 0.37	4" 6" Other	0.65 1.47	
Time	Temp (°F)	pН	Cond. (mS or 🅦)	1	oidity 'Us)	Gals. Ren	noved	Observa	ations
1444	71.4	7.1	966.6	20	3	4			
1445	70,5	7.0	915,0	Y	4	P			
1446	70.0	7.0	864.5	Zi	1	12			
Did well de		Yes	Ŋġ	Gallons	actuall	y evacuat	ed:	12	
Sampling D	ate: 🌭//2	1/06	Sampling Time	e: 145	5	Depth to	Wate	r: 630	
Sample I.D.	: #5	-2		Laborat	tory:	STL Ot	her_T	λ	
Analyzed for	or: tpH)G	BTEX	м т ве трн-d	Other: 1	BA	TAME			
EB I.D. (if a	applicable)	:	@ Time	Duplica	ite I.D.	(if applica	able):		
Analyzed fo	or: TPH-G	BTEX	MTBE TPH-D	Other:					
D.O. (if req	'd): Pı	e-purge:		mg/L	P	ost-purge:			ing/ _I
O.R.P. (if re	eq'd): Pi	e-purge:		mV	P	ost-purge:			mV

			TILL CITE	1 13 12 1	CETE OIL	223 X					
BTS#: OGOLI	t-Le>	V	Site: 0	8901	5744	 「					
Sampler: LC			Date: 6	1/4/0	96						
Well I.D.: 5-4			Well Diameter: 2 3 4 6 8								
Total Well Depth (T	D): 13.	39	Depth to	Water	(DTW):	10.	30				
Depth to Free Produ	ct:		Thicknes	ss of F1	ree Produ	ict (fee	t):				
Referenced to:	₽₩C	Grade	D.O. Me	ter (if i	req'd):		YSI HACH				
DTW with 80% Rec	harge [(H	leight of Water	Column	x 0.20)	+ DTW]: <i>[[</i>),92				
Purge Method: Bailer Disposable Positive Ai Electric Su	r Displaceme	ent Extrac Other			Sampling	Other:	Railer Disposable Bailer Extraction Port Dedicated Tubing				
	~	0.00		ell Diameter 1"	0.04	4"	viameter Multiplier 0.65				
Case Volume Special Case V	J cified Volun	= 4060 $= Calculated Vo$		2" 3"	0.16	6" Other	1.47 radius ² * 0.163				
Time Temp (°F) pH	Cond. (mS or µS)	Turbio (NTU	- 1	Gals. Re	moved	Observations				
1510 71.0	7.2	848.0	36	>	2	-					
- Den	dre	1033	als -)						
		0				-					
1915 69.8	6.01	118)	850	>		_					
Did well dewater?	Yes	No	Gallons a	actually	y evacua	ted:	3				
Sampling Date: 6/16	4/06	Sampling Tim	e: 1515	,)	Depth to	Water	:10.cc				
Sample I.D.: 5-4	7		Laborato	ry:	STL O	64 <u>7</u>	A.				
Analyzed for: राधि	g bie x	MTDE TPH-D	O(Text: T)	3A .	TAME						
EB I.D. (if applicabl	e):	@ Time	Duplicate	e I.D. (if applic	able):					
Analyzed for: TPH-	G BTEX	МТВЕ ТРН-D	Other:				1777-1				
D.O. (if req'd):	Pre-purge:		$^{ m ing}/_{ m L}$	Po	ost-purge:		mg/ _L				
O.R.P. (if rea'd):	Pre-purge:		mV	Po	ost-purge:		mV				

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		DITION	L WELL MO.	MITORI	ING DE	I A SHEET	
BTS #: 10	50614-	4(2		Site: O	3995	5744	
Sampler:	LC:			Date:	6/14	106	
Well I.D.:	55			Well Di	iameter	: 2 3 P	6 8
Total Well	Depth (TD): 14	.02	Depth to	o Water	r (DTW): 10	.02
Depth to Fi	ee Product	t:		Thickne	ess of F	ree Product (fee	
Referenced	to:	H)C	Grade	D.O. M	eter (if	req'd):	YSI HACH
DTW with	80% Rech	arge [(H	leight of Water	Column	x 0.20)) + DTW]: <i>\(\O</i>	82
Purge Method:	Bailer Disposable B Positive Air I Electre Subn	Displaceme	ent Extrac Other	Waterra Peristaltic ction Pump		Sampling Method:	Pailer Disposable Bailer Extraction Port Dedicated Tubing
2,6 1 Case Volume	Gals.) XSpeci	3 fied Volun	es Calculated Vo	Gals,	Well Diamete 1" 2" 3"	r. Multiplier Well I 0.04 4" 0.16 6" 0.37 Other	Diameter Multiplier 0.65 1.47 radius ² * 0.163
Time	Temp (°F)	рН	Cond. (mS or (38)	Turb (NT	-	Gals. Removed	Observations
1532	73.]	7.1	1167	17	74	3	ODOR
	Den	Avec	1039	nh -			
			0				
1540	67.5	7.0	1059	1-12	<u> </u>	wanter de centre.	
Did well de	water?	Yes	No	Gallons	actuall	y evacuated:	3
Sampling D	ate: 6/14	105	Sampling Tim	e: 154(\bigcirc	Depth to Water	r: 10.82
Sample I.D.	/ _ /			Laborat	ory:	STL Other 7.	
Analyzed fo	or: THUG	вуех	муве трн-о	Other: 7)	BA, -	TAME	
EB I.D. (if a	applicable)	:	@ Time			(if applicable):	
Analyzed for	or: TPH-G	BTEX	MTBE TPH-D	Other:		· · · · · · · · · · · · · · · · · · ·	**************************************
D.O. (if req	'd): Pr	e-purge:	· · · · · · · · · · · · · · · · · · ·	mg/L	P	ost-purge:	mg/L
O.R.P. (if re	eq'd): Pr	e-purge:		mV	P	ost-purge:	mV

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