Shell Oil Products US

July 27, 2006

Re: **Quarterly Monitoring Report – Second Quarter 2006**
Shell-branded Service Station
4226 First Street
Pleasanton, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

Denis L. Brown
Project Manager

20945 S. Wilmington Avenue, Carson, CA 90810 P: (707) 865-0251; F: (707) 865-2542

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

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

800.477.7411
Fax 408.225.8506

July 27, 2006
DELTA Project SJ42-26F-1
SAP: 135782

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

Re: SECOND QUARTER 2006 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
4226 First Street
Pleasanton, California

Dear Mr. Wickham:

On behalf of Shell Oil Products (Shell), Delta Environmental Consultants, Inc. (Delta), has prepared this *Second Quarter 2006 Groundwater Monitoring Report* for the above referenced site.

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

If you have any questions regarding this site, please contact Mr. Lee Dooley (Delta) at (408) 826-1880 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Environmental Consultants, Inc.

Rebecca Wolff
Project Geologist

R. Lee Dooley, CHG 0183
Senior Hydrogeologist

PROFESSIONAL GEOLOGIST
R. LEE DOOLEY
NO. 0183
CERTIFIED
HYDROGEOLOGIST
STATE OF CALIFORNIA

Attachment: Second Quarter 2006 Groundwater Monitoring Report

cc: Mr. Denis Brown, Shell Oil Products US

July 27, 2006

SHELL QUARTERLY STATUS REPORT

Station Address:	4226 First Street, Pleasanton, California
DELTA Project No.	SJ42-26F-1
SHELL Project Manager/Phone No.:	Denis Brown/(707) 865-0251
DELTA Site Manager/Phone No.:	Lee Dooley/(408) 826-1880
Primary Agency/Regulatory ID No.:	Alameda County Health Care Services Agency
Other Agencies to Receive Copies:	None

WORK PERFORMED THIS QUARTER (SECOND - 2006):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Prepared and submitted *Revised Work Plan for Soil and Groundwater Assessment* dated May 8, 2006.

WORK PROPOSED FOR NEXT QUARTER (THIRD - 2006):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Advance 3 cone penetration test borings and install two wells as described in the *Revised Work Plan for Soil and Groundwater Assessment* dated May 8, 2006.

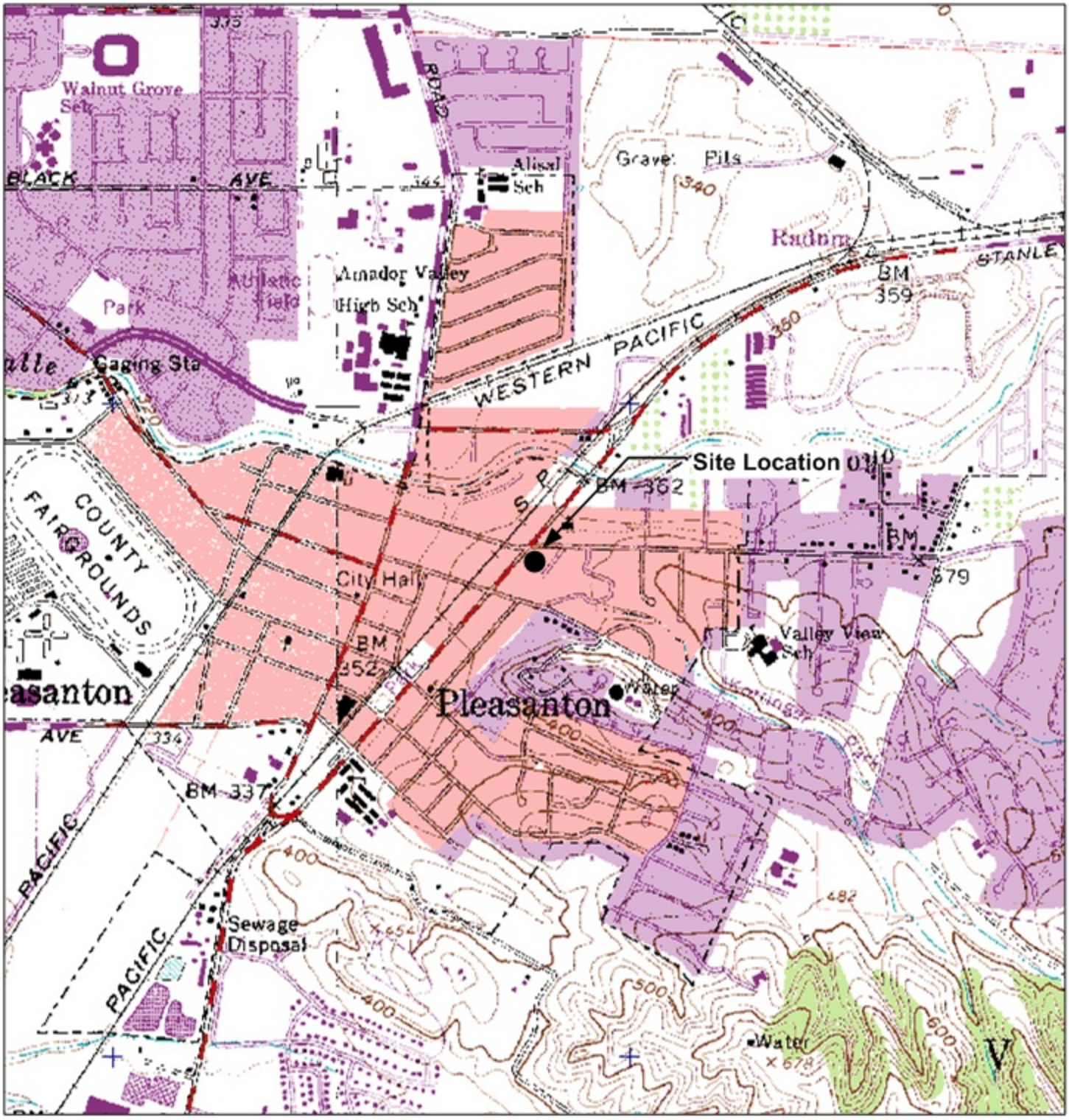
Current Phase of Project:	Groundwater monitoring.
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	None
Sensitive Receptor(s) and Respective Direction(s):	The Arroyo Del Valle Creek is located approximately 1,133 feet north-west of the site. No municipal water supply wells were identified within a 1-mile radius of the site.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	31 feet below top of well casing
Groundwater Gradient	North @ approximately 0.03 ft/ft, consistent with previous data
Current Agency Correspondence:	ACHCSA letter dated May 19, 2006 (approval of revised work plan and request for updated and expanded cross-sections)
Summary of Unusual Activity:	None.

Lee Dooley
Site Manager (DELTA)

ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, May 16, 2006
- Figure 3 – TPH-G, Benzene, and MTBE Concentration Map, May 16, 2006
- Attachment A – Groundwater Monitoring and Sampling Report, June 15, 2006

FIGURES



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

QUADRANGLE LOCATION

North

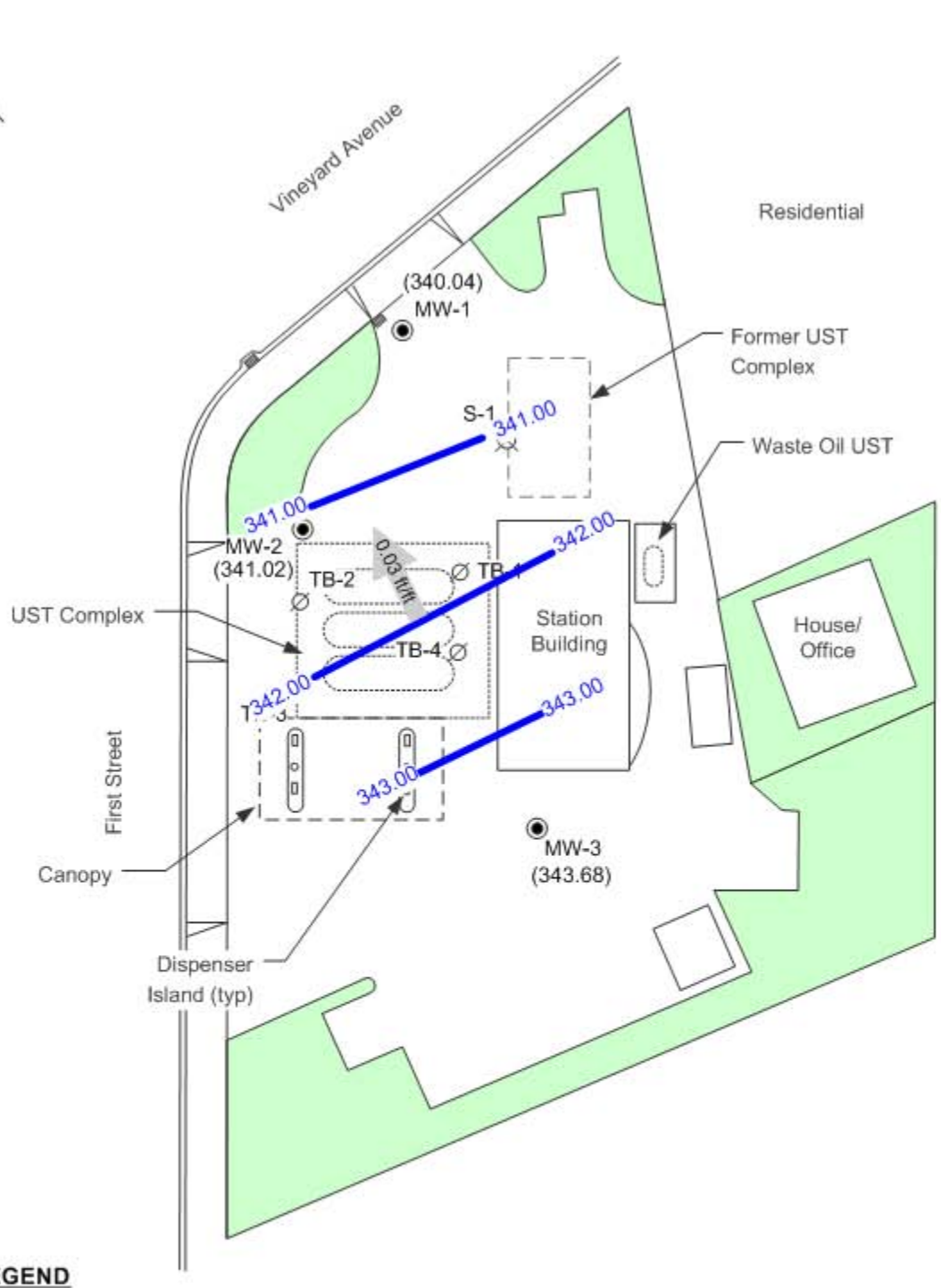
0 1,300 2,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
4226 North First Street
Pleasanton, California

PROJECT NO. SJ42-26F-1.2005	DRAWN BY V. F. 5/5/05
FILE NO. SJ42-26F-1.2005	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

- MW-2 ◉ **GROUNDWATER MONITORING WELL LOCATION**
- S-1 ⊠ **DESTROYED WELL**
- TB-1 ∅ **ABANDONED TANK BACKFILL WELL LOCATION**
- (343.63) **GROUNDWATER ELEVATION (FEET - MSL), 5/16/06**
- 343.00 **GROUNDWATER ELEVATION CONTOUR**
- 0.02 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

BaseMap from: Cambria Environmental Technology, Inc. and Toxichem Management Systems, Inc.

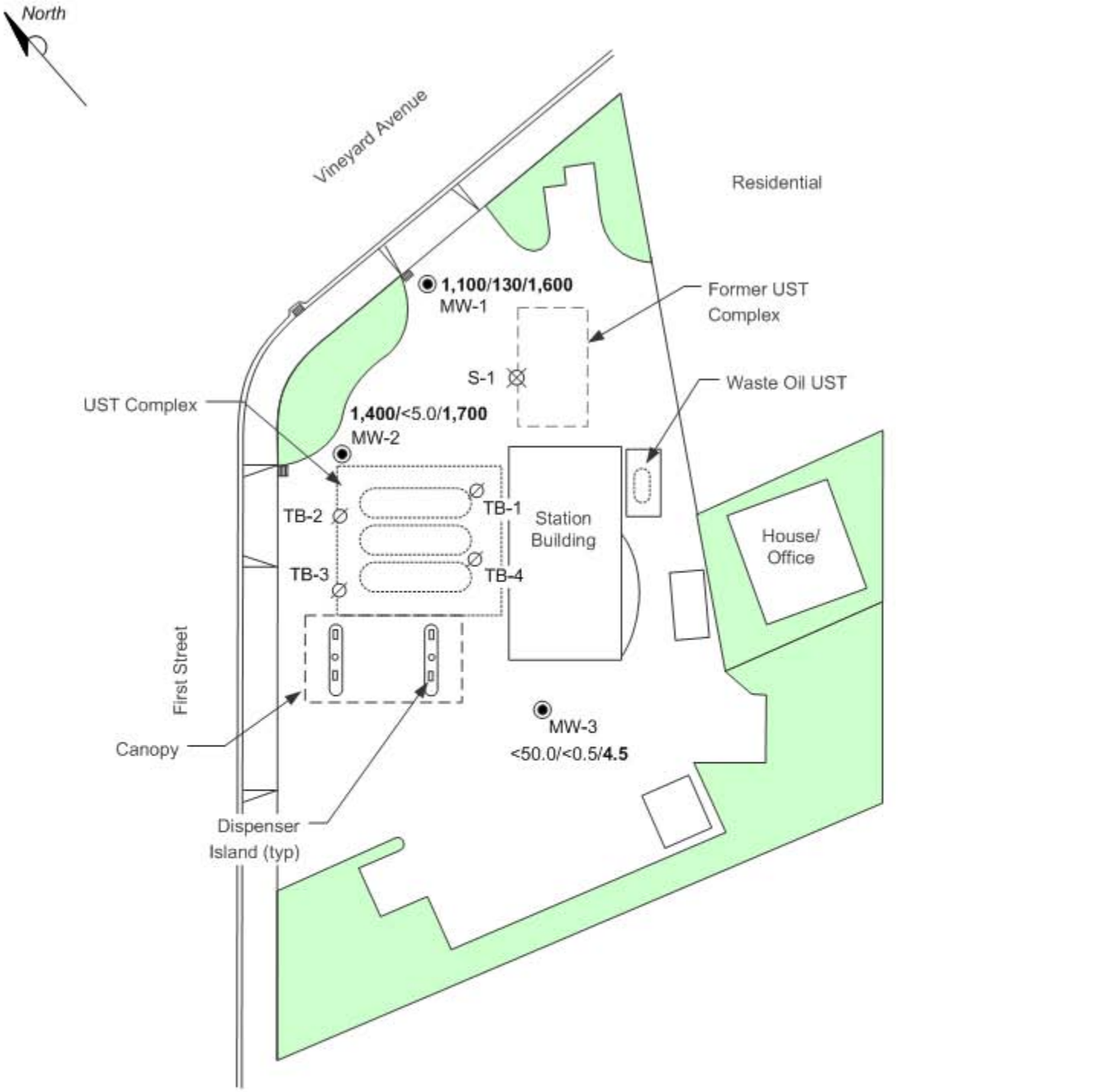
0 40 FT

APPROX. SCALE

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP,
MAY 16, 2006
SHELL-BRANDED SERVICE STATION
4226 First Street
Pleasanton, California

PROJECT NO. SJ42-26F-1.2006	DRAWN BY BH 07/17/06
FILE NO. SJ42-26F-1.2006	PREPARED BY HB
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



0 40 FT

APPROX. SCALE

LEGEND

MW-2 ◉ **GROUNDWATER MONITORING WELL LOCATION**

S-1 ⊗ **DESTROYED WELL**

TB-1 ∅ **ABANDONED TANK BACKFILL WELL LOCATION**

<50/<0.50/<0.50 **TPH-G/BENZENE/MTBE CONCENTRATION MAP, 05/16/06**

BaseMap from: Cambria Environmental Technology, Inc. and Toxichem Management Systems, Inc.

FIGURE 3
TPH-G, BENZENE, AND MTBE CONCENTRATION MAP, MAY 16, 2006
SHELL-BRANDED SERVICE STATION
4226 First Street
Pleasanton, California

PROJECT NO. SJ42-26F-1.2006	DRAWN BY Bh 7/17/06
FILE NO. SJ42-26F-1.2006	PREPARED BY HB
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT, JUNE 15, 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 15, 2006

Denis Brown
Shell Oil Products US
2095 South Wilmington Avenue
Carson, CA 90810

Second Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Monitoring performed on May 16, 2006

Groundwater Monitoring Report **060516-MD-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: Rebecca Wolff
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	06/16/1999	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	371.20	33.65	337.55
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	371.20	37.04	334.16
MW-1	12/08/1999	1,020	375	<5.00	<5.00	15.2	<50.0	NA	371.20	36.79	334.41
MW-1	02/10/2000	523	106	<5.00	<5.00	31.8	2.90	NA	371.20	34.90	336.30
MW-1	05/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	37.0	29.5	371.20	32.55	338.65
MW-1	08/03/2000	808	290	<2.50	<2.50	8.90	<12.5	NA	371.20	39.13	332.07
MW-1	10/31/2000	507	250	0.962	<0.500	23.5	3.76	NA	371.20	37.91	333.29
MW-1	03/01/2001	<50.0	<0.500	<0.500	<0.500	<0.500	74.6	NA	371.20	39.60	331.60
MW-1	05/30/2001	780	280	<2.0	<2.0	11	NA	<2.0	371.20	39.53	331.67
MW-1	08/02/2001	1,900	580	<2.5	<2.5	12	NA	<25	371.20	39.61	331.59
MW-1	12/06/2001	840	190	<0.50	<0.50	13	NA	<5.0	371.20	39.63	331.57
MW-1	02/05/2002	2,700	650	<2.5	<2.5	7.2	NA	<25	371.20	35.53	335.67
MW-1	06/17/2002	2,500	550	<2.0	<2.0	5.9	NA	<20	371.20	39.29	331.91
MW-1	07/25/2002	690	130	<0.50	<0.50	4.4	NA	18	371.20	39.39	331.81
MW-1	11/14/2002	400	31	<0.50	<0.50	2.7	NA	27	371.20	40.00	331.20
MW-1	02/12/2003	840	0.85	<0.50	<0.50	<0.50	NA	40	371.20	32.92	338.28
MW-1	05/14/2003	680	190	<2.5	<2.5	<5.0	NA	95	371.20	32.57	338.63
MW-1	07/29/2003	870	190	<2.5	<2.5	<5.0	NA	150	371.20	33.82	337.38
MW-1	11/19/2003	<200	14	<2.0	<2.0	<4.0	NA	230	371.20	38.28	332.92
MW-1	02/19/2004	58 d	11	<0.50	<0.50	<1.0	NA	85	371.20	36.93	334.27
MW-1	05/03/2004	670	310	<2.5	<2.5	<5.0	NA	420	371.20	32.70	338.50
MW-1	08/24/2004	430 d	34	<2.5	<2.5	<5.0	NA	690	371.20	34.66	336.54
MW-1	11/15/2004	<250	29	<2.5	<2.5	<5.0	NA	470	371.20	38.27	332.93
MW-1	02/02/2005	540 e	87	<2.5	<2.5	<5.0	NA	700	371.20	32.02	339.18
MW-1	05/05/2005	460 e	88	<2.5	<2.5	<5.0	NA	300	371.20	36.82	334.38
MW-1	08/05/2005	910	230	<2.5	<2.5	<5.0	NA	480	371.20	33.35	337.85
MW-1	11/22/2005	1,760	27.4	<0.500	<0.500	1.18	NA	1,160	371.20	33.42	337.78
MW-1	02/07/2006	4,620	225	<0.500	<0.500	<0.500	NA	1,480	371.20	31.63	339.57

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	**05/16/2006**	**1,100**	**130**	**<0.50**	**2.0**	**2.1**	**NA**	**1,600**	**371.20**	**31.16**	**340.04**
MW-2	02/03/2000	NA	NA	NA	NA	NA	NA	NA	372.40	32.65	339.75
MW-2	02/07/2000	NA	NA	NA	NA	NA	NA	NA	372.40	35.51	336.89
MW-2	02/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	NA	372.40	36.62	335.78
MW-2	05/17/2000	120	4.09	<0.500	<0.500	<0.500	29.0	NA	372.40	32.14	340.26
MW-2	08/03/2000	<50.0	0.692	<0.500	<0.500	<0.500	40.5	36.6b	372.40	32.42	339.98
MW-2	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.4	44.8c	372.40	33.02	339.38
MW-2	03/01/2001	173	1.64	1.65	2.86	3.97	127	167	372.40	32.54	339.86
MW-2	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	372.40	32.42	339.98
MW-2	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	160	372.40	32.55	339.85
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	372.40	33.15	339.25
MW-2	02/05/2002	<50	0.72	<0.50	<0.50	1.7	NA	170	372.40	32.29	340.11
MW-2	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	260	372.40	32.63	339.77
MW-2	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	280	372.40	32.80	339.60
MW-2	11/14/2002	120	13	9.0	3.8	14	NA	430	372.40	33.31	339.09
MW-2	02/12/2003	<100	<1.0	<1.0	<1.0	<1.0	NA	430	372.40	32.15	340.25
MW-2	05/14/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	470	372.40	32.01	340.39
MW-2	07/29/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	670	372.40	32.51	339.89
MW-2	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	54	372.40	33.83	338.57
MW-2	02/19/2004	65	<0.50	3.4	1.4	6.5	NA	8.2	372.40	32.68	339.72
MW-2	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	5.2	372.40	32.07	340.33
MW-2	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.7	372.40	32.44	339.96
MW-2	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	1.3	372.40	32.95	339.45
MW-2	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	24	372.40	31.94	340.46
MW-2	05/05/2005	72 f	<0.50	<0.50	<0.50	<1.0	NA	4.9	372.40	31.91	340.49
MW-2	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	16	372.40	32.15	340.25
MW-2	11/22/2005	840	0.800	<0.500	<0.500	0.870	NA	556	372.40	32.31	340.09
MW-2	02/07/2006	3,550	<0.500	<0.500	<0.500	<0.500	NA	2,500	372.40	31.70	340.70

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-2	**05/16/2006**	**1,400**	**<5.0**	**<5.0**	**<5.0**	**<10**	**NA**	**1,700**	**372.40**	**31.38**	**341.02**
MW-3	02/03/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.06	342.99
MW-3	02/07/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.57	342.48
MW-3	02/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	375.05	32.77	342.28
MW-3	05/17/2000	1,360	414	<5.00	<5.00	17.6	<25.0	NA	375.05	31.00	344.05
MW-3	08/03/2000	<50.0	0.536	<0.500	<0.500	<0.500	22.0	NA	375.05	31.03	344.02
MW-3	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	31.1	NA	375.05	31.28	343.77
MW-3	03/01/2001	384	172	0.815	<0.500	8.00	5.16	NA	375.05	31.21	343.84
MW-3	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	110	375.05	31.02	344.03
MW-3	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	93	375.05	30.94	344.11
MW-3	12/06/2001	110	<0.50	<0.50	<0.50	2.3	NA	180	375.05	31.28	343.77
MW-3	02/05/2002	<50	0.89	0.60	<0.50	2.1	NA	130	375.05	31.12	343.93
MW-3	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	72	375.05	31.21	343.84
MW-3	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	81	375.05	30.96	344.09
MW-3	11/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	60	375.05	31.44	343.61
MW-3	02/12/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	43	375.05	31.28	343.77
MW-3	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	24	375.05	31.20	343.85
MW-3	07/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	21	375.05	31.29	343.76
MW-3	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	8.2	375.05	31.86	343.19
MW-3	02/19/2004	81	0.67	4.4	1.8	8.6	NA	13	375.05	31.66	343.39
MW-3	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	375.05	31.72	343.33
MW-3	08/24/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	10	375.05	32.09	342.96
MW-3	11/15/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.6	375.05	31.50	343.55
MW-3	02/02/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	3.1	375.05	31.28	343.77
MW-3	05/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.3	375.05	31.42	343.63
MW-3	08/05/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	2.4	375.05	31.35	343.70
MW-3	11/22/2005	<50	<0.500	<0.500	<0.500	<0.500	NA	3.84	375.05	31.98	343.07
MW-3	02/07/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	375.05	31.24	343.81

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	**05/16/2006**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**4.5**	**375.05**	**31.37**	**343.68**
TB-1	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA
TB-1	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-1	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	12.31	NA
TB-2	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA
TB-2	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	12.56	NA
TB-2	05/14/2003	Insufficient water		NA	NA	NA	NA	NA	NA	12.54	NA
TB-3	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
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
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Notes:

a = Sample was analyzed outside of the EPA recommended holding time.

b = Concentration is an estimate value above the linear quantitation range.

c = The result reported was generated out of time. The sample was originally run within hold time, but needed to be re-analyzed.

d = Sample contains discrete peak in addition to gasoline.

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

f = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

Well MW-1 surveyed on May 4, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on March 19, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

Site surveyed on January 15, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Sequoia Analytical

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1 June, 2006

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

RE: Shell 4226 First St, Pleasanton
Work Order: S605362

Enclosed are the results of analyses for samples received by the laboratory on 05/17/06 16:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Krenn
Project Manager

CA ELAP Certificate # 2630

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	S605362-01	Water	05/16/06 16:25	05/17/06 16:15
MW-2	S605362-02	Water	05/16/06 15:55	05/17/06 16:15
MW-3	S605362-03	Water	05/16/06 15:40	05/17/06 16:15

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (S605362-01) Water Sampled: 05/16/06 16:25 Received: 05/17/06 16:15									
Methyl tert-butyl ether	**530**	0.50	ug/l	1	6050394	05/29/06	05/29/06	EPA 8260B	E
Benzene	**130**	0.50	"	"	"	"	"	"	
Ethylbenzene	**2.0**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**2.1**	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**1100**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*97 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*100 %*		*60-140*	"	"	"	"	
MW-1 (S605362-01RE1) Water Sampled: 05/16/06 16:25 Received: 05/17/06 16:15									
Methyl tert-butyl ether	**1600**	10	ug/l	20	6050396	05/29/06	05/30/06	EPA 8260B	
Surrogate: 1,2-DCA-d4		*96 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*99 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*104 %*		*60-140*	"	"	"	"	
MW-2 (S605362-02) Water Sampled: 05/16/06 15:55 Received: 05/17/06 16:15									
Methyl tert-butyl ether	**1700**	5.0	ug/l	10	6050394	05/29/06	05/29/06	EPA 8260B	
Benzene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**1400**	500	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*95 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*101 %*		*60-140*	"	"	"	"	

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (S605362-03) Water Sampled: 05/16/06 15:40 Received: 05/17/06 16:15									
Methyl tert-butyl ether	**4.5**	0.50	ug/l	1	6050394	05/29/06	05/29/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*93 %*		*60-140*		"	"	"	
Surrogate: Toluene-d8		*101 %*		*60-140*		"	"	"	
Surrogate: 4-BFB		*102 %*		*60-140*		"	"	"	

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B - Quality Control
Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6050394 - EPA 5030B [P/T] / EPA 8260B										
Blank (6050394-BLK1)				Prepared & Analyzed: 05/25/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*10.1*		*"*	*10.0*		*101*	*60-140*			
Surrogate: Toluene-d8	*9.78*		*"*	*10.0*		*98*	*60-140*			
Surrogate: 4-BFB	*9.91*		*"*	*10.0*		*99*	*60-140*			
Blank (6050394-BLK2)				Prepared & Analyzed: 05/29/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*9.51*		*"*	*10.0*		*95*	*60-140*			
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*60-140*			
Surrogate: 4-BFB	*10.3*		*"*	*10.0*		*103*	*60-140*			

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6050394 - EPA 5030B [P/T] / EPA 8260B										
Laboratory Control Sample (6050394-BS1)				Prepared & Analyzed: 05/25/06						
Methyl tert-butyl ether	40.3	0.50	ug/l	31.2		129	60-140			
Benzene	28.1	0.50	"	21.2		133	70-130			QC01
Toluene	180	0.50	"	184		98	70-130			
Gasoline Range Organics (C4-C12)	2390	50	"	2200		109	70-130			
Surrogate: 1,2-DCA-d4	*9.72*		"	*10.0*		*97*	*60-140*			
Surrogate: Toluene-d8	*9.68*		"	*10.0*		*97*	*60-140*			
Surrogate: 4-BFB	*9.95*		"	*10.0*		*100*	*60-140*			
Laboratory Control Sample (6050394-BS2)				Prepared & Analyzed: 05/29/06						
Methyl tert-butyl ether	40.0	0.50	ug/l	31.2		128	60-140			
Benzene	24.7	0.50	"	21.2		117	70-130			
Toluene	150	0.50	"	184		82	70-130			
Gasoline Range Organics (C4-C12)	2110	50	"	2200		96	70-130			
Surrogate: 1,2-DCA-d4	*9.93*		"	*10.0*		*99*	*60-140*			
Surrogate: Toluene-d8	*9.92*		"	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*10.0*		"	*10.0*		*100*	*60-140*			
Matrix Spike (6050394-MS1)	**Source: S605359-02**			Prepared & Analyzed: 05/29/06						
Methyl tert-butyl ether	39.2	0.50	ug/l	31.2	ND	126	60-140			
Benzene	25.2	0.50	"	21.2	ND	119	70-130			
Toluene	156	0.50	"	184	ND	85	70-130			
Gasoline Range Organics (C4-C12)	2140	50	"	2200	17.1	96	60-140			
Surrogate: 1,2-DCA-d4	*9.44*		"	*10.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*9.94*		"	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*10.0*		"	*10.0*		*100*	*60-140*			
Matrix Spike Dup (6050394-MSD1)	**Source: S605359-02**			Prepared & Analyzed: 05/29/06						
Methyl tert-butyl ether	38.3	0.50	ug/l	31.2	ND	123	60-140	2	25	
Benzene	24.5	0.50	"	21.2	ND	116	70-130	3	25	
Toluene	154	0.50	"	184	ND	84	70-130	1	25	
Gasoline Range Organics (C4-C12)	2050	50	"	2200	17.1	92	60-140	4	25	
Surrogate: 1,2-DCA-d4	*9.36*		"	*10.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*10.1*		"	*10.0*		*101*	*60-140*			
Surrogate: 4-BFB	*10.1*		"	*10.0*		*101*	*60-140*			

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6050396 - EPA 5030B [P/T] / EPA 8260B										
Blank (6050396-BLK1)				Prepared & Analyzed: 05/29/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*9.51*		*"*	*10.0*		*95*	*60-140*			
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*60-140*			
Surrogate: 4-BFB	*10.3*		*"*	*10.0*		*103*	*60-140*			
Blank (6050396-BLK2)				Prepared: 05/30/06 Analyzed: 05/31/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*9.94*		*"*	*10.0*		*99*	*60-140*			

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Gasoline\BTEX\Oxygenates by EPA method 8260B - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6050396 - EPA 5030B [P/T] / EPA 8260B										
Laboratory Control Sample (6050396-BS1)				Prepared & Analyzed: 05/29/06						
Methyl tert-butyl ether	40.0	0.50	ug/l	31.2		128	60-140			
Benzene	24.7	0.50	"	21.2		117	70-130			
Toluene	150	0.50	"	184		82	70-130			
Gasoline Range Organics (C4-C12)	2120	50	"	2200		96	70-130			
Surrogate: 1,2-DCA-d4	*9.93*		*"*	*10.0*		*99*	*60-140*			
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*10.0*		*"*	*10.0*		*100*	*60-140*			
Laboratory Control Sample (6050396-BS2)				Prepared: 05/30/06 Analyzed: 05/31/06						
Methyl tert-butyl ether	22.8	0.50	ug/l	20.0		114	60-140			
Benzene	21.2	0.50	"	20.0		106	70-130			
Toluene	20.8	0.50	"	20.0		104	70-130			
Surrogate: 1,2-DCA-d4	*10.2*		*"*	*10.0*		*102*	*60-140*			
Surrogate: Toluene-d8	*9.90*		*"*	*10.0*		*99*	*60-140*			
Surrogate: 4-BFB	*9.48*		*"*	*10.0*		*95*	*60-140*			
Laboratory Control Sample Dup (6050396-BSD1)				Prepared & Analyzed: 05/29/06						
Methyl tert-butyl ether	36.8	0.50	ug/l	31.2		118	60-140	8	25	
Benzene	24.4	0.50	"	21.2		115	70-130	1	25	
Toluene	146	0.50	"	184		79	70-130	3	25	
Gasoline Range Organics (C4-C12)	2120	50	"	2200		96	70-130	0	25	
Surrogate: 1,2-DCA-d4	*9.67*		*"*	*10.0*		*97*	*60-140*			
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*60-140*			
Surrogate: 4-BFB	*10.4*		*"*	*10.0*		*104*	*60-140*			

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Blaine Tech Services (Shell)	Project: Shell 4226 First St, Pleasanton	S605362
1680 Rogers Avenue	Project Number: 98995840 SAP# 135782	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	06/01/06 16:54

Notes and Definitions

QC01	The percent recovery was above the control limits.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
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

9605360Z

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

NAME OF PERSON TO BILL:
- ☑ 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 8 4 0

PO #:

SAP or CRMT #:

DATE: 5/16/06

PAGE: 1 of 1

SAMPLING COMPANY:	LOG CODE:	SITE ADDRESS: Street and City	State	GLOBAL ID NO.:
Blaine Tech Services	BTSS	4226 First St., Pleasanton	CA	T0600101259

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

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

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

EDF DELIVERABLE TO (Name, Company, Office Location): Heather Buckingham, Delta, San Jose Office

PHONE NO.: (408) 826-1866

E-MAIL: hbuckingham@deltaenv.com

CONSULTANT PROJECT NO.: 0605G-MDR

BTS #

SAMPLER NAME(S) (Print): John DeJong

LAB USE ONLY

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)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-1	5/16/06	1625	W	3	X		X		X	-01								
	MW-2		1555		3	X		X		X	-02								
	MW-3		1540		3	X		X		X	-03								

TEMPERATURE ON RECEIPT C°: 5.1°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
John DeJong	SHELL COURIER	5/16/06	1728
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	5/17/06	1425
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[illegible]	[illegible]	5/17/06	1615

5/18/06 1000

05/02/06 Revision

Q&Q Graphic (714) 898-9702

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 5/16/06

Site Address 4226 1st St, Pleasanton

Job Number 060516-MD2 Technician MG

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
MW-1	X									
MW-2	X									
MW-3	X									

NOTES:

Repair Data Sheet

Client Shell Date 3-8-06

Site Address 4226 First Street, Pleasanton

Job Number 060308AA4 Technician Andrew Adinolfi

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
mw-1	X																			
Notes: Tag well																				
mw-2	X																			
Notes: Tag well																				
mw-3	X																			
Notes: Tag well																				
Notes:																				
Notes:																				
Notes:																				

SITE INSPECTION CHECKLIST

Client Shell Date 3-8-06

Site Address 4226 First Street, Pleasanton

Job Number 060308AA4 Technician Andrew Adinolfi

Site Status Shell Branded Station Vacant Lot Other

Inspected / Labeled / Cleaned - All Wells on Scope Of Work	☒	
Inspected / Cleaned Components - All Other Identifiable Wells	☐	N/A
Inspected Site for Investigation Related Trip Hazards	☒	
Addressed All Outstanding Wellhead Repair Order(s)	☐	N/A
Completed Repair Data Sheets(s)	☒	N/A
Inspected Treatment / Remediation System Compound For Security, Cleanliness and Appearance	☒	N/A
Inspected Vacant Lot for Signs of Habitation, Hazardous Materials or Terrain, Overgrown Vegetation and Security	☐	N/A

PLEASE BE ADVISED THAT, UNLESS OTHERWISE INSTRUCTED, NO REPAIRS ARE PLANNED FOR THE ISSUES DESCRIBED BELOW

Outstanding Problems / Comments (In addition to other issues, note all SOW wellboxes that, by design, are not securable)

PROJECT COORDINATOR ONLY

Checklist Reviewed ✓ 3/10 (Initial/Date) Notes

WELL GAUGING DATA

Project # 060516-MD2 Date 5/16/06 Client Shell

Site 4226 1st St., Pleasanton

Well ID	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	
MW-1	2					31.16	57.16		
MW-2	4					31.38	45.80		
MW-3	4					31.37	34.51		

SHELL WELL MONITORING DATA SHEET

BTS #: 060516-MD2	Site: 98995840
Sampler: CMG	Date: 5/16/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 57.16	Depth to Water (DTW): 31.16
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]: 36.36	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
4.2 (Gals.) X	3	= 12.6 Gals.

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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1412	73.5	6.6	1657	40	4.2	clear, odor
1417	72.1	6.7	1676	31	8.4	↓
1422	72.2	6.7	1688	25	12.6	↓
1625	75.2	7.68	1579	21	—	Clear

Did well dewater? Yes (No) Gallons actually evacuated: 12.6

Sampling Date: 5/16/06 Sampling Time: 1625 Depth to Water: 41.81 (82 hrs)

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

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

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 #: 000516-MD2	Site: 98995840
Sampler: MD	Date: 5/16/00
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 45.80	Depth to Water (DTW): 31.38
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (TOC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 34.26	

Purge Method: (Bailer) Waterra — Sampling Method: (Bailer)
Disposable Bailer — Peristaltic — Disposable Bailer
Positive Air Displacement — Extraction Pump — Extraction Port
Electric Submersible — Other ____ — Dedicated Tubing
Other: ____

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

9.4 (Gals.) X 3 = 28.2 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1352	74.9	6.8	1769	35	9.5	clear
1352	72.6	6.7	1240	56	19	
		well	dewatered @		22	DTW = 43.71
1555	74.3	7.0	1567	303	—	Clear AND clear

Did well dewater? (Yes) No — Gallons actually evacuated: 22

Sampling Date: 5/16/00 — Sampling Time: 1555 — Depth to Water: 41.30 @ 2hrs

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

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

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 #: 060516-MDR	Site: 98995840
Sampler: MM	Date: 5/16/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 34.51	Depth to Water (DTW): 31.37
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]: 32.00	

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1332	73.5	6.7	782	65	2.0	Clear
1336	73.1	6.5	794	49	4.0	
		well dewatered @			4.0	DTW = 34.10
1540	75.1	7.0	877	53	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 4

Sampling Date: 5/16/06 Sampling Time: 1540 Depth to Water: 33.70 @ 2hrs

Sample I.D.: MW-3 Laboratory: STL Other TA

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

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