RECEIVED

7:45 am, Apr 12, 2007

Alameda County
Environmental Health

April 15, 2007
DELTA Project SJ11-989-1
SAP: 135243

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

Re: FIRST QUARTER 2007 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
11989 Dublin Boulevard
Dublin, California

DELTA

Dear Mr. Wickham:

On behalf of Shell Oil Products (Shell), Delta Environmental Consultants, Inc. (Delta) has prepared this *First Quarter 2007 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.

PROFESSIONAL GEOLOGIST
R. LEE DOOLEY
C.H.G. 0183
CERTIFIED
HYDROGEOLOGIST
STATE OF CALIFORNIA

Matt Lambert
Staff Scientist

R. Lee Dooley, CHG 0183
Senior Hydrogeologist

Attachment: First Quarter 2007 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Matt Katen, Zone 7 Water District, Livermore

SHELL QUARTERLY STATUS REPORT

Station Address:	11989 Dublin Boulevard, Dublin, CA
DELTA Project No.:	SJ11-989-1
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 Environmental Health / Mr. Jerry Wickham, P.G., CHG
Other Agencies to Receive Copies:	Zone 7 Water District/ Matt Katen

WORK PERFORMED THIS QUARTER (FIRST - 2007):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.

WORK PROPOSED FOR NEXT QUARTER (SECOND - 2007):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.

Current Phase of Project:	Groundwater monitoring.
Frequency of Sampling:	Quarterly (Wells MW-2 through MW-7)
Frequency of Monitoring:	Quarterly (Wells MW-2 through MW-7)
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):	Dublin Creek is located approximately 538 feet south of the site.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	23.0 to 32.0 feet below top of well casing
Groundwater Gradient	Northeast at a gradient of 0.03 ft/ft, consistent with previous data
Current Agency Correspondence:	None
Summary of Unusual Activity:	Plume remains stable and well defined.

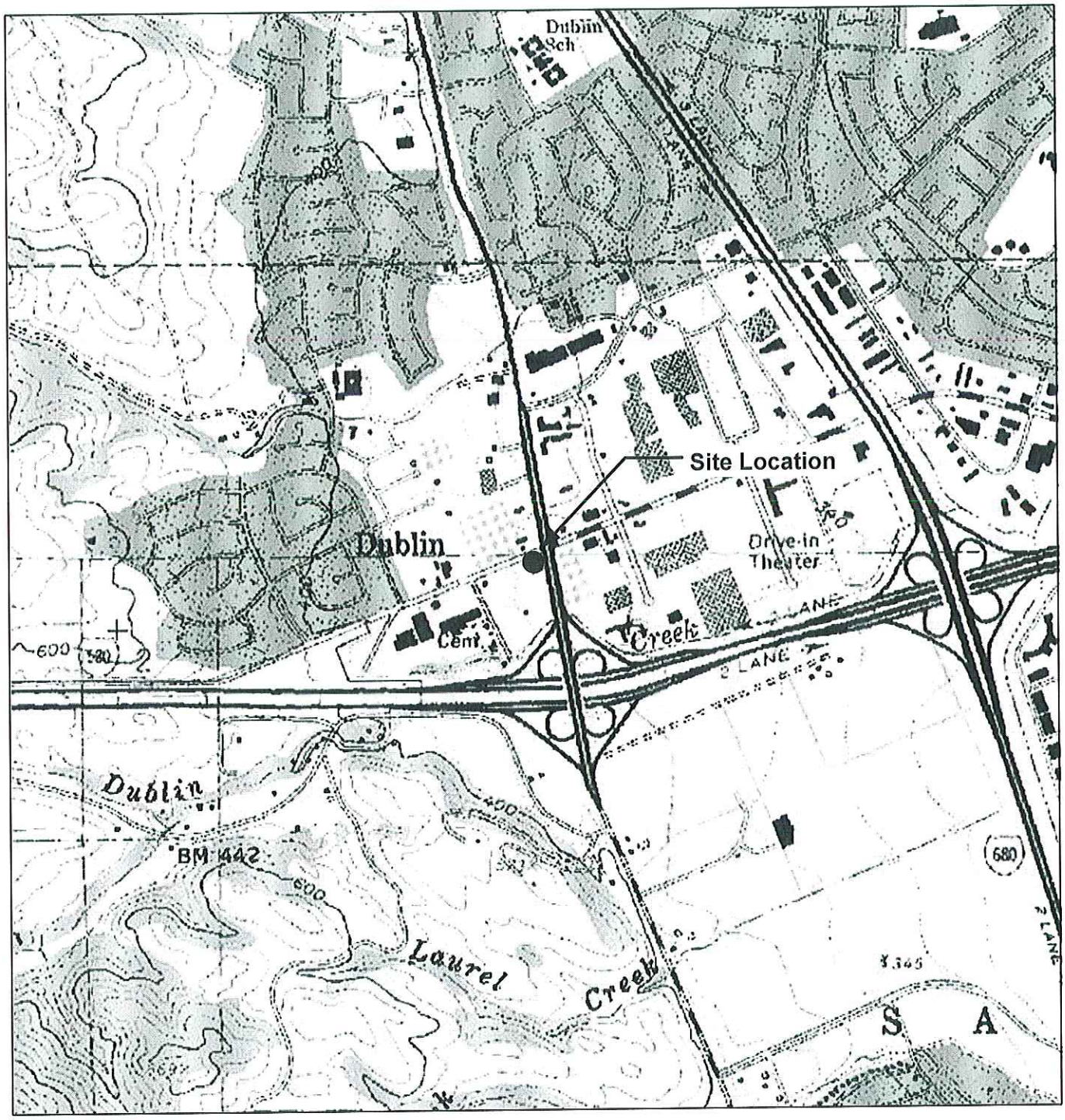
R Lee Dooley

Lee Dooley
Site Manager (DELTA)

ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, January 19, 2007
- Figure 3 – Benzene, MTBE, and TBA Concentrations January 19, 2007
- Attachment A – Groundwater Monitoring and Sampling Report, February 14, 2007

FIGURES



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

North

QUADRANGLE LOCATION

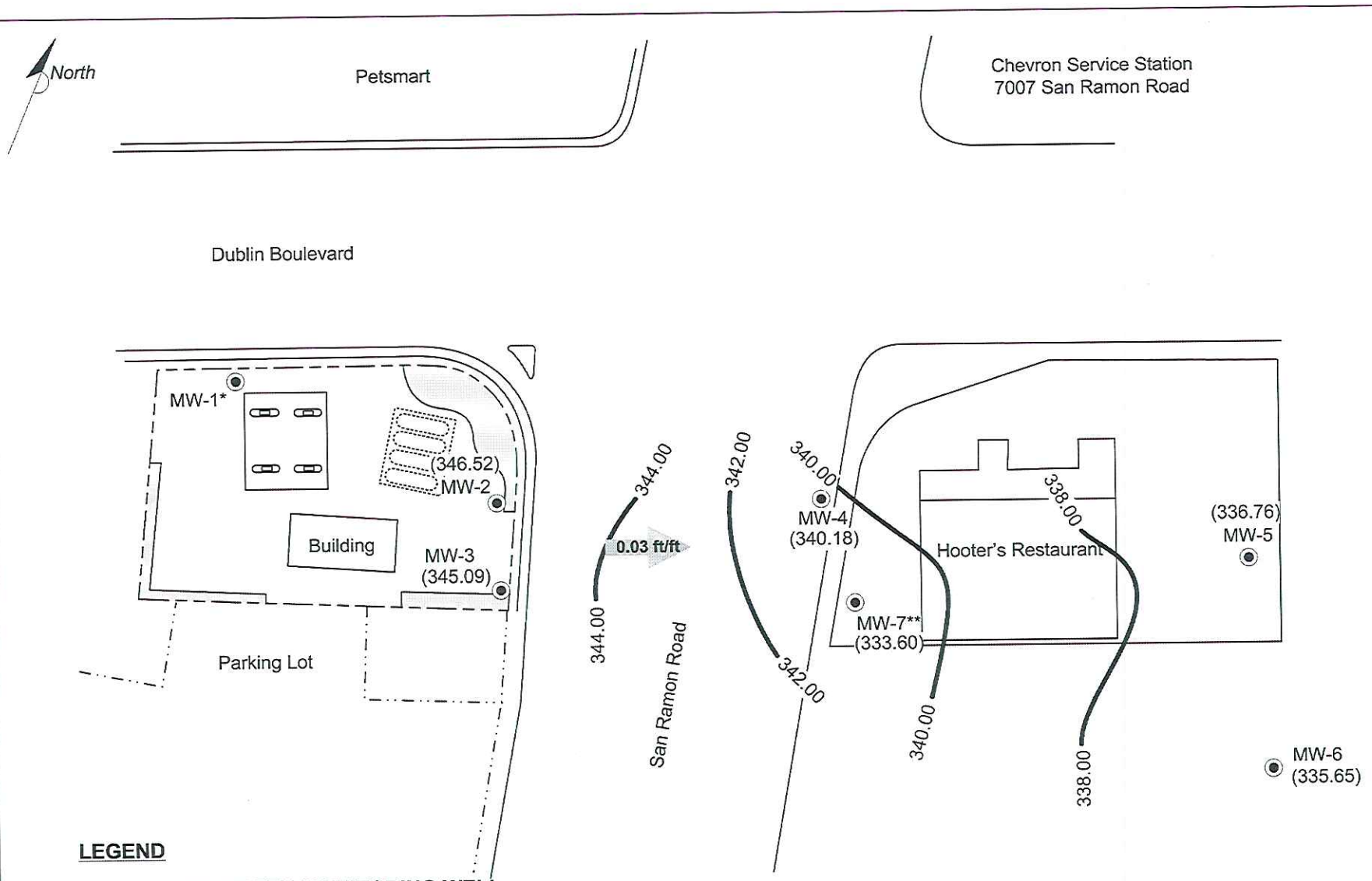
0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
11989 Dublin Blvd.
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY VF 10/22/03
FILE NO. SJ11-989-1.2006	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta
Environmental
Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

(342.56) **GROUNDWATER ELEVATION (FEET-MSL), 1/19/07**

341.00 **GROUNDWATER ELEVATION CONTOUR**

0.03 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

* **REMOVED FROM SAMPLING PROGRAM**

** **NOT USED IN CONTOUR CONSTRUCTION, WELL MONITORS DEEPER GROUNDWATER BEARING ZONE**

0 80 FT

APPROX. SCALE

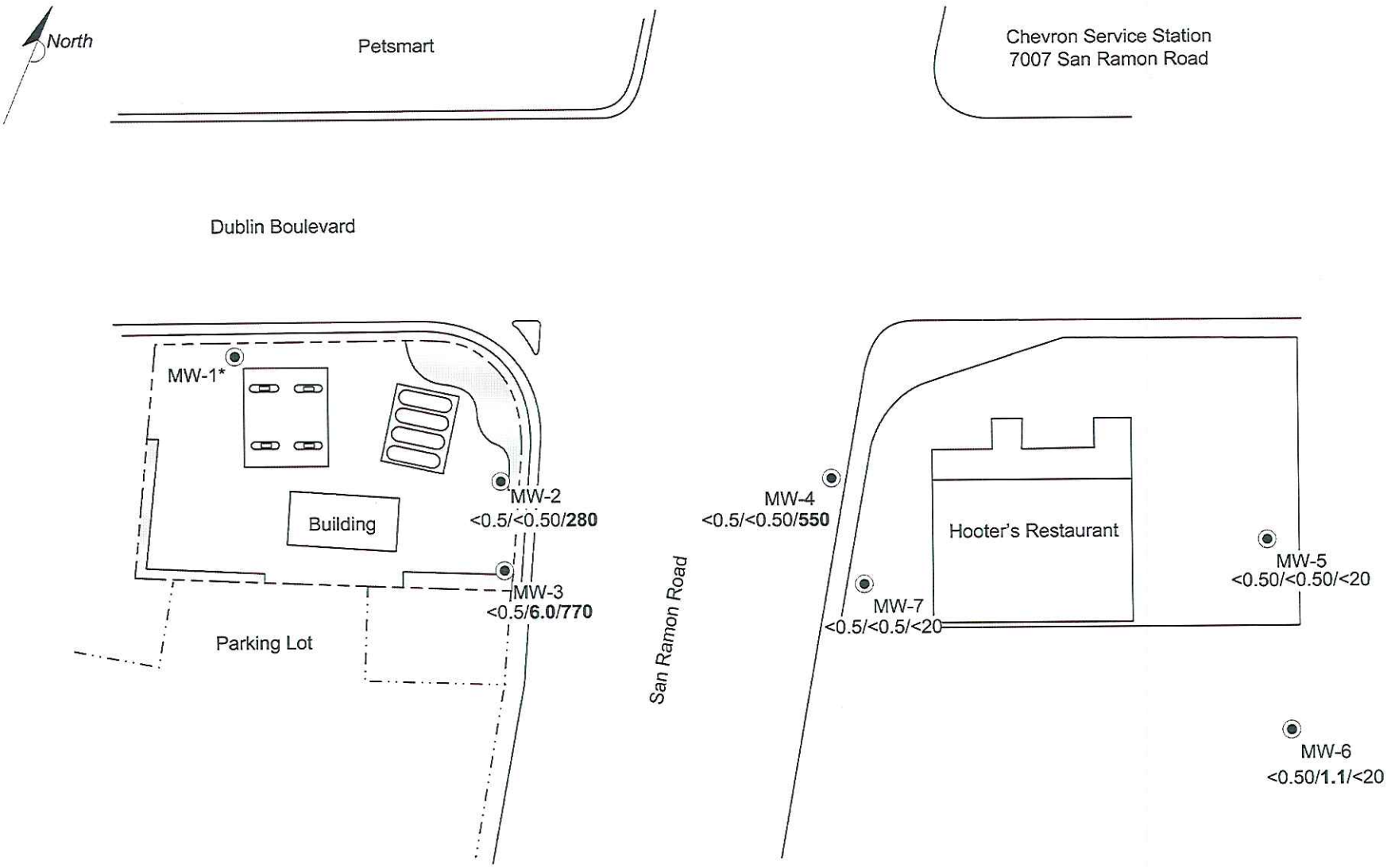
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, JANUARY 19, 2007

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2006	DRAWN BY BH 9/13/06
FILE NO. SJ11-989-1.2006	PREPARED BY HB
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-1 ◉	**GROUNDWATER MONITORING WELL**
<0.5/<0.5/270	**BENZENE/MTBE/TBA CONCENTRATIONS (UG/L), 1/19/07**
*	**REMOVED FROM SAMPLING PROGRAM**

0 80 FT

APPROX. SCALE

FIGURE 3

BENZENE, MTBE, AND TBA CONCENTRATIONS MAP, JANUARY 19, 2007

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin, California

PROJECT NO. SJ11-989-1.2006	DRAWN BY BH
FILE NO. SJ11-989-1.2006	PREPARED BY HB
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT, FEBRUARY 14, 2007

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 14, 2007

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

First Quarter 2007 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on January 19, 2007

Groundwater Monitoring Report **070119-SL-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: Lee Dooley
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/20/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.24	361.75	NA
MW-1	10/25/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	367.99	6.36	361.63	NA
MW-1	01/27/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.65	362.34	NA
MW-1	04/03/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.68	362.31	1.2/1.6
MW-1	07/27/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.69	362.30	1.0/1.1
MW-1	10/16/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.74	362.25	1.2/0.8
MW-1	01/16/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.71	362.28	0.59/2.8
MW-1	04/19/2001	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	367.99	5.63	362.36	1.4/1.5
MW-1	07/13/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	2.3/3.1
MW-1	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	367.99	5.72	362.27	NA
MW-1	10/26/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.73	362.26	0.4/0.0
MW-1	01/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	5.4/2.0
MW-1	05/22/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/15/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.70	362.29	NA
MW-1	10/11/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.87	362.12	NA
MW-1	01/17/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.79	362.20	NA
MW-1	05/01/2003	52	NA	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	367.99	5.61	362.38	NA
MW-1	08/27/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.84	362.15	NA
MW-1	10/03/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.95	362.04	NA
MW-1	01/05/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.66	362.33	NA
MW-1	04/09/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.55	362.44	NA
MW-1	07/22/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	11/01/2004	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.73	362.26	NA
MW-1	01/26/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.50	362.49	NA
MW-1	04/14/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	5.60	362.39	NA
MW-1	07/21/2005	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	367.99	6.14	361.85	NA
MW-1	11/08/2005	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	367.99	6.33	361.66	NA

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	07/20/1999	2,600	699	55.0	<2.50	59.5	<2.50	9,370	NA	NA	NA	NA	NA	NA	365.43	20.31	345.12	NA
MW-2	10/25/1999	4,710	761	61.1	<10.0	74.6	<10.0	22,800	NA	NA	NA	NA	NA	NA	365.43	22.80	342.63	NA
MW-2	01/27/2000	3,820	1490	60.8	<10.0	156	<10.0	13,400	15,000 a	NA	NA	NA	NA	NA	365.43	19.17	346.26	NA
MW-2	04/03/2000	7,130	NA	184	14.9	238	18.8	34,200	28,000	NA	NA	NA	NA	NA	365.43	19.03	346.40	1.6/1.7
MW-2	07/27/2000	311	NA	10.0	<0.500	<0.500	<0.500	280	NA	NA	NA	NA	NA	NA	365.43	19.09	346.34	1.9/1.7
MW-2	10/16/2000	3,970	NA	123	<5.00	68.5	<5.00	14,000	15,600	NA	NA	NA	NA	NA	365.43	23.98	341.45	0.5/0.5
MW-2	01/16/2001	5,780	NA	125	9.71	139	6.93	7,660	7,810	NA	NA	NA	NA	NA	365.43	22.12	343.31	0.90/2.61
MW-2	04/19/2001	4,460	NA	114	7.61	115	4.87	15,200	18,400	NA	NA	NA	NA	NA	365.43	20.95	344.48	1.6/1.5
MW-2	07/13/2001	<5,000	NA	<25	<25	110	<25	NA	15,000	NA	NA	NA	NA	NA	365.43	22.62	342.81	2.7/1.8
MW-2	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	365.43	22.33	343.10	NA
MW-2	10/26/2001	3,700	NA	<20	<20	66	<20	NA	9,200	<20	<20	<20	1,800	<500	365.43	22.32	343.11	0.7/0.8
MW-2	01/11/2002	<5,000	NA	<50	<50	54	<50	NA	15,000	NA	NA	NA	NA	NA	365.43	18.72	346.71	5.1/c
MW-2	05/22/2002	<5,000	NA	53	<50	57	<50	NA	20,000	<50	<50	<50	6,300	NA	365.43	20.59	344.84	NA
MW-2	07/15/2002	<5,000	NA	<50	<50	<50	<50	NA	16,000	<50	<50	<50	3,100	NA	365.43	21.90	343.53	NA
MW-2	10/11/2002	3,600	NA	<20	<20	48	<20	NA	8,200	<20	<20	<20	1,600	NA	365.43	22.45	342.98	NA
MW-2	01/17/2003	4,700	NA	<25	<25	87	<25	NA	13,000	<25	<25	<25	7,700	NA	365.43	19.27	346.16	NA
MW-2	05/01/2003	6,000	NA	<50	<50	110	<100	NA	12,000	<200	<200	<200	6,700	NA	365.43	19.09	346.34	NA
MW-2	08/27/2003	2,500	NA	32	<25	100	<50	NA	4,800	<100	<100	<100	9,100	NA	365.43	22.53	342.90	NA
MW-2	10/03/2003	5,500 d	NA	32	<13	86	<25	NA	2,200	<50	<50	<50	9,900	NA	365.43	23.02	342.41	NA
MW-2	01/05/2004	6,500	NA	22	<13	58	<25	NA	1,200	<50	<50	<50	7,400	NA	365.43	19.08	346.35	NA
MW-2	04/09/2004	6,500	NA	72	<13	30	<25	NA	1,600	<50	<50	<50	11,000	NA	365.43	20.22	345.21	NA
MW-2	07/22/2004	4,900	NA	32	<13	19	<25	NA	180	<50	<50	<50	7,100	NA	365.43	22.14	343.29	NA
MW-2	11/01/2004	5,700	NA	42	<13	13	<25	NA	190	<50	<50	<50	6,100	NA	365.43	20.72	344.71	NA
MW-2	01/26/2005	6,600	NA	94	<13	13	<25	NA	1,700	<50	<50	<50	16,000	NA	365.43	17.95	347.48	NA
MW-2	04/14/2005	8,200	NA	170	<10	92	<20	NA	1,300	<40	<40	<40	15,000	NA	365.43	18.10	347.33	NA
MW-2	07/21/2005	4,100	NA	23	<10	13	<20	NA	96	<40	<40	<40	4,600	NA	365.43	22.72	342.71	NA
MW-2	11/08/2005	1,290	NA	1.66	0.990	2.56	1.25	NA	11.9	<0.500	<0.500	<0.500	428	NA	365.43	21.77	343.66	NA
MW-2	01/06/2006	6,650	NA	<0.500	<0.500	2.69	<0.500	NA	9.23 g	<0.500	<0.500	<0.500	1,300 g	NA	365.43	18.94	346.49	NA
MW-2	04/19/2006	5,490	NA	3.58	0.890	4.32	<0.500	NA	19.0	<0.500	<0.500	<0.500	1,040	NA	365.43	18.34	347.09	NA

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	07/26/2006	4,990	NA	<0.500	<0.500	<0.500	<0.500	NA	4.66	NA	NA	NA	353	NA	365.43	22.53	342.90	NA
MW-2	10/27/2006	2,900	NA	<0.50	<0.50	<0.50	1.2	NA	<0.50	<2.0	<2.0	<2.0	270	NA	365.43	23.08	342.35	NA
MW-2	**01/19/2007**	**1,700**	**NA**	**<0.50**	**0.72**	**<0.50**	**<0.50**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**280**	**NA**	**365.43**	**18.91**	**346.52**	**NA**
MW-3	07/20/1999	208	177	4.69	<0.500	<0.500	<0.500	664	NA	NA	NA	NA	NA	NA	364.97	24.23	340.74	NA
MW-3	10/25/1999	378	182	9.49	<0.500	<0.500	<0.500	1,410	NA	NA	NA	NA	NA	NA	364.97	23.26	341.71	NA
MW-3	01/27/2000	428	100	29.4	<0.500	<0.500	<0.500	941	NA	NA	NA	NA	NA	NA	364.97	19.53	345.44	NA
MW-3	04/03/2000	<125	NA	11.4	<1.25	<1.25	<1.25	639	NA	NA	NA	NA	NA	NA	364.97	19.13	345.84	1.4/1.9
MW-3	07/27/2000	4,360	NA	78.4	6.95	85.8	2.61	26,600	25,200 b	NA	NA	NA	NA	NA	364.97	19.10	345.87	1.9/2.0
MW-3	10/16/2000	586	NA	21.3	<0.500	<0.500	<0.500	3,310	NA	NA	NA	NA	NA	NA	364.97	24.11	340.86	1.1/0.8
MW-3	01/16/2001	558	NA	14.7	<0.500	<0.500	<0.500	2,210	NA	NA	NA	NA	NA	NA	364.97	22.19	342.78	0.87/3.5
MW-3	04/19/2001	376	NA	9.08	<0.500	<0.500	<0.500	667	NA	NA	NA	NA	NA	NA	364.97	20.96	344.01	1.7/1.4
MW-3	07/13/2001	370	NA	<2.0	<2.0	<2.0	<2.0	NA	670	NA	NA	NA	NA	NA	364.97	22.77	342.20	3.1/4.8
MW-3	08/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.97	22.59	342.38	NA
MW-3	10/26/2001	<200	NA	<2.0	<2.0	<2.0	<2.0	NA	680	<2.0	<2.0	<2.0	79	<500	364.97	22.81	342.16	1.0/3.2
MW-3	01/11/2002	480	NA	<2.0	<2.0	<2.0	<2.0	NA	830	NA	NA	NA	NA	NA	364.97	18.88	346.09	1.1/3.2
MW-3	05/22/2002	570	NA	<1.0	<1.0	<1.0	<1.0	NA	680	<2.0	<2.0	<2.0	58	NA	364.97	20.75	344.22	NA
MW-3	07/15/2002	420	NA	1.1	<1.0	<1.0	1.1	NA	520	<2.0	<2.0	<2.0	53	NA	364.97	22.09	342.88	NA
MW-3	10/11/2002	730	NA	<0.50	<0.50	<0.50	<0.50	NA	320	<2.0	<2.0	<2.0	330	NA	364.97	22.68	342.29	NA
MW-3	01/17/2003	740	NA	<0.50	<0.50	<0.50	<0.50	NA	150	<2.0	<2.0	<2.0	440	NA	364.97	19.34	345.63	NA
MW-3	05/01/2003	890	NA	<0.50	<0.50	<0.50	<1.0	NA	78	<2.0	<2.0	<2.0	300	NA	364.97	19.27	345.70	NA
MW-3	08/27/2003	920 d	NA	<0.50	<0.50	<0.50	<1.0	NA	52	<2.0	<2.0	<2.0	330	NA	364.97	22.73	342.24	NA
MW-3	10/03/2003	870 d	NA	<0.50	<0.50	<0.50	<1.0	NA	65	<2.0	<2.0	<2.0	520	NA	364.97	23.15	341.82	NA
MW-3	01/05/2004	860 d	NA	<0.50	<0.50	<0.50	<1.0	NA	40	<2.0	<2.0	<2.0	750	NA	364.97	19.60	345.37	NA
MW-3	04/09/2004	420 d	NA	<0.50	<0.50	<0.50	<1.0	NA	58	<2.0	<2.0	<2.0	280	NA	364.97	20.30	344.67	NA
MW-3	07/22/2004	570 e	NA	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	360	NA	364.97	22.42	342.55	NA
MW-3	11/01/2004	430	NA	<0.50	<0.50	<0.50	<1.0	NA	28	<2.0	<2.0	<2.0	680	NA	364.97	21.00	343.97	NA
MW-3	01/26/2005	1000	NA	0.53	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	820	NA	364.97	17.92	347.05	NA
MW-3	04/14/2005	1,100	NA	1.3	<0.50	<0.50	<1.0	NA	16	<2.0	<2.0	<2.0	580	NA	364.97	18.11	346.86	NA

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-3	07/21/2005	490	NA	<0.50	<0.50	<0.50	<1.0	NA	4.2	<2.0	<2.0	<2.0	400	NA	364.97	22.95	342.02	NA
MW-3	11/08/2005	349	NA	<0.500	<0.500	<0.500	<0.500	NA	10.1	<0.500	<0.500	<0.500	418	NA	364.97	22.18	342.79	NA
MW-3	01/06/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	13.7	<0.500	<0.500	<0.500	1,060	NA	364.97	19.40	345.57	NA
MW-3	04/19/2006	376	NA	0.580	<0.500	<0.500	<0.500	NA	4.44	<0.500	<0.500	<0.500	452	NA	364.97	18.62	346.35	NA
MW-3	07/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	5.98	NA	NA	NA	72.1	NA	364.97	22.79	342.18	NA
MW-3	10/27/2006	550	NA	<0.50	<0.50	<0.50	<1.0	NA	3.8	<2.0	<2.0	<2.0	270	NA	364.97	23.41	341.56	NA
MW-3	**01/19/2007**	**390**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**6.0**	**NA**	**NA**	**NA**	**770**	**NA**	**364.97**	**19.88**	**345.09**	**NA**
MW-4	08/10/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	364.01	25.63	338.38	NA
MW-4	08/13/2001	2,400	NA	<10	<10	<10	<10	NA	8,300	NA	NA	NA	NA	NA	364.01	26.32	337.69	4.2/2.7
MW-4	10/26/2001	<2,000	NA	<20	<20	<20	<20	NA	8,600	NA	NA	NA	NA	NA	364.01	26.02	337.99	3.1/2.8
MW-4	01/11/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	NA	NA	NA	NA	NA	364.01	22.25	341.76	7.9/3.0
MW-4	05/22/2002	<500	NA	<5.0	<5.0	<5.0	<5.0	NA	3,200	<5.0	<5.0	<5.0	2,500	NA	364.01	23.96	340.05	NA
MW-4	07/15/2002	<2,500	NA	<20	<20	<20	<20	NA	7,000	<20	<20	<20	2,000	NA	363.97	25.18	338.79	NA
MW-4	10/11/2002	1,900	NA	<5.0	<5.0	<5.0	<5.0	NA	2,900	<5.0	<5.0	<5.0	5,100	NA	363.97	25.91	338.06	NA
MW-4	01/17/2003	580	NA	<2.5	<2.5	<2.5	<2.5	NA	59	<2.5	<2.5	<2.5	7,000	NA	363.97	22.38	341.59	NA
MW-4	05/01/2003	770	NA	<5.0	<5.0	<5.0	<10	NA	73	<20	<20	<20	4,300	NA	363.97	21.92	342.05	NA
MW-4	08/27/2003	<1,000	NA	<10	<10	<10	<20	NA	370	<40	<40	<40	11,000	NA	363.97	25.31	338.66	NA
MW-4	10/03/2003	<1,000	NA	<10	<10	<10	<20	NA	190	<40	<40	<40	11,000	NA	363.97	26.00	337.97	NA
MW-4	01/05/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	7,400	NA	363.97	23.48	340.49	NA
MW-4	04/09/2004	<1,000	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	5,700	NA	363.97	23.45	340.52	NA
MW-4	07/22/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	11/01/2004	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	363.97	NA	NA	NA
MW-4	01/26/2005	1200 f	NA	<10	<10	<10	<20	NA	<10	<40	<40	<40	3700	NA	363.97	21.44	342.53	NA
MW-4	04/14/2005	1,000 f	NA	<0.50	<0.50	<0.50	<1.0	NA	6.2	<2.0	<2.0	<2.0	5,800	NA	363.97	20.69	343.28	NA
MW-4	07/21/2005	390	NA	<2.5	<2.5	<2.5	<5.0	NA	<2.5	<10	<10	<10	2,400	NA	363.97	25.55	338.42	NA
MW-4	11/08/2005	489	NA	<0.500	<0.500	<0.500	<0.500	NA	3.23	<0.500	<0.500	<0.500	1,710	NA	363.97	25.46	338.51	NA
MW-4	01/06/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	2.75 g	<0.500	<0.500	<0.500	302	NA	363.97	22.55	341.42	NA
MW-4	04/19/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	0.630	<0.500	<0.500	<0.500	301	NA	363.97	21.59	342.38	NA

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-4	07/26/2006	785	NA	<0.500	<0.500	<0.500	<0.500	NA	1.47	NA	NA	NA	1,810	NA	363.97	25.67	338.30	NA
MW-4	10/27/2006	270	NA	<0.50	<0.50	<0.50	<1.0	NA	0.98	<2.0	<2.0	<2.0	3,000	NA	363.97	26.41	337.56	NA
MW-4	**01/19/2007**	**79**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**550**	**NA**	**363.97**	**23.79**	**340.18**	**NA**
MW-5	01/03/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	361.00	22.95	338.05	NA
MW-5	01/06/2006	<50.0	280	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	361.00	22.77	338.23	NA
MW-5	04/19/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	32.1	NA	361.00	21.06	339.94	NA
MW-5	07/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	<10.0	NA	361.00	24.68	336.32	NA
MW-5	10/27/2006	170	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	361.00	25.57	335.43	NA
MW-5	**01/19/2007**	**230**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**<20**	**NA**	**361.00**	**24.24**	**336.76**	**NA**
MW-6	07/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	361.15	25.33	335.82	NA
MW-6	07/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	361.15	25.45	335.70	NA
MW-6	10/27/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	0.63	<2.0	<2.0	<2.0	<5.0	NA	361.15	26.41	334.74	NA
MW-6	**01/19/2007**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**1.1**	**NA**	**NA**	**NA**	**<20**	**NA**	**361.15**	**25.50**	**335.65**	**NA**
MW-7	07/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	365.21	25.93	339.28	NA
MW-7	07/26/2006	<50.0	NA	<0.500	<0.500	<0.500	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<10.0	NA	365.21	30.53	334.68	NA
MW-7	10/27/2006	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	<2.0	<2.0	<2.0	<5.0	NA	365.21	31.97	333.24	NA
MW-7	**01/19/2007**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**<20**	**NA**	**365.21**	**31.61**	**333.60**	**NA**

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 13, 2001, analyzed by EPA Method 8020.
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
TOC = Top of Casing Elevation
GW = Groundwater
DO = Dissolved Oxygen
n/n = Pre-purge/Post-purge DO Readings
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)

Notes:

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

b = Concentration is an estimate.

c = DO meter malfunctioning.

d = Hydrocarbon does not match pattern of laboratory's standard.

e = Sample contains discrete peak in addition to gasoline.

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

g = Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

Ethanol analyzed by EPA Method 8260B.

Wells surveyed June 21, 1999 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells surveyed August 23, 2001 and February 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Well MW-5 surveyed on March 3, 2006 by Mid Coast Engineers.

Well MW-6 and MW-7 surveyed data provided by Delta Environmental Consultants, Inc, CA. on August 15, 2006.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

7 February, 2007

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

RE: 11989 Dublin Blvd., Dublin
Work Order: S701371

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2	S701371-01	Water	01/19/07 11:30	01/23/07 19:00
MW-3	S701371-02	Water	01/19/07 12:15	01/23/07 19:00
MW-4	S701371-03	Water	01/19/07 10:40	01/23/07 19:00
MW-5	S701371-04	Water	01/19/07 10:00	01/23/07 19:00
MW-6	S701371-05	Water	01/19/07 09:40	01/23/07 19:00
MW-7	S701371-06	Water	01/19/07 09:20	01/23/07 19:00

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (S701371-01) Water Sampled: 01/19/07 11:30 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	**1700**	50	ug/l	1	7B01001	02/01/07	02/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*60-145*		"	"	"	"	
MW-3 (S701371-02) Water Sampled: 01/19/07 12:15 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	**390**	50	ug/l	1	7B01001	02/01/07	02/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-145*		"	"	"	"	
MW-4 (S701371-03) Water Sampled: 01/19/07 10:40 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	**79**	50	ug/l	1	7B02016	02/02/07	02/02/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-145*		"	"	"	"	
MW-5 (S701371-04) Water Sampled: 01/19/07 10:00 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	**230**	50	ug/l	1	7B01001	02/01/07	02/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*80 %*	*60-145*		"	"	"	"	
MW-6 (S701371-05) Water Sampled: 01/19/07 09:40 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7B01001	02/01/07	02/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-145*		"	"	"	"	
MW-7 (S701371-06) Water Sampled: 01/19/07 09:20 Received: 01/23/07 19:00									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7B01001	02/01/07	02/01/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*85 %*	*60-145*		"	"	"	"	

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 (S701371-01) Water Sampled: 01/19/07 11:30 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01001	02/01/07	02/01/07	EPA 8260B	
Toluene	**0.72**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**280**	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*60-120*		"	"	"	"	
MW-3 (S701371-02) Water Sampled: 01/19/07 12:15 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01001	02/01/07	02/01/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**6.0**	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**770**	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*88 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-120*		"	"	"	"	
MW-4 (S701371-03) Water Sampled: 01/19/07 10:40 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B02016	02/02/07	02/02/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**550**	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-120*		"	"	"	"	

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (S701371-04) Water Sampled: 01/19/07 10:00 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B02016	02/02/07	02/02/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-120*		"	"	"	"	
MW-6 (S701371-05) Water Sampled: 01/19/07 09:40 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01001	02/01/07	02/01/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.1**	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-120*		"	"	"	"	
MW-7 (S701371-06) Water Sampled: 01/19/07 09:20 Received: 01/23/07 19:00									
Benzene	ND	0.50	ug/l	1	7B01001	02/01/07	02/01/07	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*85 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-120*		"	"	"	"	

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B01001 - EPA 5030B/5035A MeOH / LUFT GCMS										
Blank (7B01001-BLK1)				Prepared & Analyzed: 02/01/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-145*			
Laboratory Control Sample (7B01001-BS2)				Prepared & Analyzed: 02/01/07						
Gasoline Range Organics (C4-C12)	446	50	ug/l	500		89	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.72*		"	*2.50*		*109*	*60-145*			
Laboratory Control Sample Dup (7B01001-BSD2)				Prepared & Analyzed: 02/01/07						
Gasoline Range Organics (C4-C12)	467	50	ug/l	500		93	75-140	5	20	
Surrogate: 1,2-Dichloroethane-d4	*2.65*		"	*2.50*		*106*	*60-145*			
Batch 7B02016 - EPA 5030B P/T / LUFT GCMS										
Blank (7B02016-BLK1)				Prepared & Analyzed: 02/02/07						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.05*		"	*2.50*		*82*	*60-145*			
Laboratory Control Sample (7B02016-BS2)				Prepared & Analyzed: 02/02/07						
Gasoline Range Organics (C4-C12)	485	50	ug/l	500		97	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.14*		"	*2.50*		*86*	*60-145*			
Laboratory Control Sample Dup (7B02016-BSD2)				Prepared & Analyzed: 02/02/07						
Gasoline Range Organics (C4-C12)	426	50	ug/l	500		85	75-140	13	20	
Surrogate: 1,2-Dichloroethane-d4	*2.08*		"	*2.50*		*83*	*60-145*			

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B01001 - EPA 5030B/5035A MeOH / EPA 8260B										
Blank (7B01001-BLK1)				Prepared & Analyzed: 02/01/07						
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: Dibromofluoromethane	*2.41*		"	*2.50*		*96*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-145*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.37*		"	*2.50*		*95*	*60-120*			
Laboratory Control Sample (7B01001-BS1)				Prepared & Analyzed: 02/01/07						
Benzene	8.89	0.50	ug/l	10.0		89	70-125			
Toluene	9.27	0.50	"	10.0		93	70-120			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Xylenes (total)	31.4	0.50	"	30.0		105	80-125			
Methyl tert-butyl ether	8.92	0.50	"	10.0		89	50-140			
Di-isopropyl ether	9.08	0.50	"	10.0		91	70-130			
Ethyl tert-butyl ether	9.04	0.50	"	10.0		90	65-130			
tert-Amyl methyl ether	9.75	0.50	"	10.0		98	65-135			
tert-Butyl alcohol	191	20	"	200		96	60-135			
1,2-Dichloroethane	9.83	0.50	"	10.0		98	75-125			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	80-125			
Ethanol	220	100	"	200		110	15-150			
Surrogate: Dibromofluoromethane	*2.52*		"	*2.50*		*101*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.64*		"	*2.50*		*106*	*60-145*			
Surrogate: Toluene-d8	*2.42*		"	*2.50*		*97*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.66*		"	*2.50*		*106*	*60-120*			

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B01001 - EPA 5030B/5035A MeOH / EPA 8260B										
Matrix Spike (7B01001-MS1)	**Source: S701371-01**			Prepared & Analyzed: 02/01/07						
Benzene	8.43	0.50	ug/l	10.0	ND	84	70-125			
Toluene	9.75	0.50	"	10.0	0.72	90	70-120			
Ethylbenzene	10.6	0.50	"	10.0	0.42	102	70-130			
Xylenes (total)	31.0	0.50	"	30.0	ND	103	80-125			
Methyl tert-butyl ether	7.75	0.50	"	10.0	ND	78	50-140			
Di-isopropyl ether	8.57	0.50	"	10.0	ND	86	70-130			
Ethyl tert-butyl ether	7.52	0.50	"	10.0	ND	75	65-130			
tert-Amyl methyl ether	7.69	0.50	"	10.0	ND	77	65-135			
tert-Butyl alcohol	488	20	"	200	280	104	60-135			
1,2-Dichloroethane	7.03	0.50	"	10.0	ND	70	75-125			M8
1,2-Dibromoethane (EDB)	7.64	0.50	"	10.0	ND	76	80-125			M8
Ethanol	305	100	"	200	ND	152	15-150			M7
Surrogate: Dibromofluoromethane	*2.27*		"	*2.50*		*91*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*1.96*		"	*2.50*		*78*	*60-145*			
Surrogate: Toluene-d8	*2.39*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.63*		"	*2.50*		*105*	*60-120*			
Matrix Spike Dup (7B01001-MSD1)	**Source: S701371-01**			Prepared & Analyzed: 02/01/07						
Benzene	8.34	0.50	ug/l	10.0	ND	83	70-125	1	15	
Toluene	9.85	0.50	"	10.0	0.72	91	70-120	1	15	
Ethylbenzene	9.94	0.50	"	10.0	0.42	95	70-130	6	15	
Xylenes (total)	30.6	0.50	"	30.0	ND	102	80-125	1	15	
Methyl tert-butyl ether	8.62	0.50	"	10.0	ND	86	50-140	11	25	
Di-isopropyl ether	7.78	0.50	"	10.0	ND	78	70-130	10	35	
Ethyl tert-butyl ether	7.40	0.50	"	10.0	ND	74	65-130	2	35	
tert-Amyl methyl ether	8.32	0.50	"	10.0	ND	83	65-135	8	25	
tert-Butyl alcohol	468	20	"	200	280	94	60-135	4	35	
1,2-Dichloroethane	7.02	0.50	"	10.0	ND	70	75-125	0.1	10	M8
1,2-Dibromoethane (EDB)	9.26	0.50	"	10.0	ND	93	80-125	19	15	R2
Ethanol	211	100	"	200	ND	106	15-150	36	35	R2
Surrogate: Dibromofluoromethane	*2.35*		"	*2.50*		*94*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*1.93*		"	*2.50*		*77*	*60-145*			
Surrogate: Toluene-d8	*2.46*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-120*			

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B02016 - EPA 5030B P/T / EPA 8260B										
Blank (7B02016-BLK1)				Prepared & Analyzed: 02/02/07						
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: Dibromofluoromethane	*2.30*		"	*2.50*		*92*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.05*		"	*2.50*		*82*	*60-145*			
Surrogate: Toluene-d8	*2.54*		"	*2.50*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.15*		"	*2.50*		*86*	*60-120*			
Laboratory Control Sample (7B02016-BS1)				Prepared & Analyzed: 02/02/07						
Benzene	8.50	0.50	ug/l	10.0		85	70-125			
Toluene	9.34	0.50	"	10.0		93	70-120			
Ethylbenzene	9.84	0.50	"	10.0		98	70-130			
Xylenes (total)	31.2	0.50	"	30.0		104	80-125			
Methyl tert-butyl ether	8.41	0.50	"	10.0		84	50-140			
Di-isopropyl ether	10.9	0.50	"	10.0		109	70-130			
Ethyl tert-butyl ether	9.46	0.50	"	10.0		95	65-130			
tert-Amyl methyl ether	9.15	0.50	"	10.0		92	65-135			
tert-Butyl alcohol	206	20	"	200		103	60-135			
1,2-Dichloroethane	8.75	0.50	"	10.0		88	75-125			
1,2-Dibromoethane (EDB)	9.95	0.50	"	10.0		100	80-125			
Ethanol	258	100	"	200		129	15-150			
Surrogate: Dibromofluoromethane	*2.42*		"	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-145*			
Surrogate: Toluene-d8	*2.46*		"	*2.50*		*98*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.45*		"	*2.50*		*98*	*60-120*			

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7B02016 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (7B02016-MS1)	**Source: S701371-03**			Prepared & Analyzed: 02/02/07						
Benzene	9.85	0.50	ug/l	10.0	ND	98	70-125			
Toluene	10.9	0.50	"	10.0	ND	109	70-120			
Ethylbenzene	10.2	0.50	"	10.0	ND	102	70-130			
Xylenes (total)	32.4	0.50	"	30.0	ND	108	80-125			
Methyl tert-butyl ether	9.77	0.50	"	10.0	0.48	93	50-140			
Di-isopropyl ether	12.0	0.50	"	10.0	ND	120	70-130			
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	65-130			
tert-Amyl methyl ether	10.0	0.50	"	10.0	ND	100	65-135			
tert-Butyl alcohol	803	20	"	200	550	126	60-135			
1,2-Dichloroethane	9.57	0.50	"	10.0	ND	96	75-125			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0	ND	114	80-125			
Ethanol	252	100	"	200	ND	126	15-150			
Surrogate: Dibromofluoromethane	*2.42*		*"*	*2.50*		*97*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.27*		*"*	*2.50*		*91*	*60-145*			
Surrogate: Toluene-d8	*2.55*		*"*	*2.50*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.54*		*"*	*2.50*		*102*	*60-120*			
Matrix Spike Dup (7B02016-MSD1)	**Source: S701371-03**			Prepared & Analyzed: 02/02/07						
Benzene	8.43	0.50	ug/l	10.0	ND	84	70-125	16	15	R
Toluene	9.37	0.50	"	10.0	ND	94	70-120	15	15	
Ethylbenzene	8.76	0.50	"	10.0	ND	88	70-130	15	15	
Xylenes (total)	27.9	0.50	"	30.0	ND	93	80-125	15	15	
Methyl tert-butyl ether	8.31	0.50	"	10.0	0.48	78	50-140	16	25	
Di-isopropyl ether	10.5	0.50	"	10.0	ND	105	70-130	13	35	
Ethyl tert-butyl ether	9.09	0.50	"	10.0	ND	91	65-130	15	35	
tert-Amyl methyl ether	8.76	0.50	"	10.0	ND	88	65-135	13	25	
tert-Butyl alcohol	695	20	"	200	550	72	60-135	14	35	
1,2-Dichloroethane	8.13	0.50	"	10.0	ND	81	75-125	16	10	R
1,2-Dibromoethane (EDB)	9.48	0.50	"	10.0	ND	95	80-125	18	15	R
Ethanol	233	100	"	200	ND	116	15-150	8	35	
Surrogate: Dibromofluoromethane	*2.47*		*"*	*2.50*		*99*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.30*		*"*	*2.50*		*92*	*60-145*			
Surrogate: Toluene-d8	*2.54*		*"*	*2.50*		*102*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.55*		*"*	*2.50*		*102*	*60-120*			

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) 1680 Rogers Avenue San Jose CA, 95112	Project: 11989 Dublin Blvd., Dublin Project Number: 98995328 Project Manager: Michael Ninokata	S701371 **Reported:** 02/07/07 22:52

Notes and Definitions

R2	The RPD exceeded the acceptance limit.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
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: STL

SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

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

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 8 9 9 5 3 2 8

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	11989 Dublin Blvd., Dublin	CA	T0600102083

ADDRESS:	EDF DELIVERABLE TO (Name, Company, Office Location):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Lena Martinez, Delta, San Jose	(408) 826-1861	lmartinez@deltaenv.com	070119-SL1

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

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

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

REQUESTED ANALYSIS S76137(

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

CC Lee Dooley ldooley@deltaenv.conand Heather Buckingham hbuckingham@deltaenv.comwhen sending final report.

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)		Total Oil and Grease (1664A)		TEMPERATURE ON RECEIPT C°
01	MW-2	1/19/07	1130	W	3	X		X		X	X														
02	MW-3		1215	W	3	X		X		X	X														
03	MW-4		1040	W	3	X		X		X	X														
04	MW-5		1000	W	3	X		X		X	X														
05	MW-6		0940	W	3	X		X		X	X														
06	MW-7	↓	0920	W	3	X		X		X	X														

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
S. Lane		1/19/07	1610
(Sample Custody)		1/22/07	1435
		1/22/07	1535
1/23/07	1/23/07		

Q&Q Graphic (714) 898-9702

Revised 08:40

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 11989 Dublin Blvd Dublin Date 1/19/07

Job Number 06.07011954 Technician SL 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	X							
MW-3	X	X							
MW-4		X						X	2/2 bolts stripped, well box broken
MW-5		X	X						
MW-6	X	X							
MW-7	X	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-SL1 Date 1/19/07 Client Shell

Site 11989 Dublin Blvd Dublin

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	0835	4					18.91	32.60		
MW-3	0830	4					19.88	32.70		
MW-4	1015	2					23.79	34.91		
MW-5	0825	2					24.24	31.73		
MW-6	0820	2					25.50	29.71		
MW-7	0815	4 SL 2					19.88 SL 31.61	32.70 69.20		

SHELL WELL MONITORING DATA SHEET

BTS #: 070119-SL1	Site: 9899538
Sampler: SL	Date: 1/19/07
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 32.60	Depth to Water (DTW): 18.91
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]: 21.65	

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

8.9 (Gals.) X 3 = 26.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1112	65.7	6.9	945	13	8.9	Odor
1114	67.8	6.7	947	6	17.8	
1119	68.1	6.7	943	36	26.7	

Did well dewater? Yes (No) Gallons actually evacuated: 26.7

Sampling Date: 1/19/07 Sampling Time: 1130 Depth to Water: 21.17

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

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

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-SL1	Site: 98995328
Sampler: SL	Date: 1/19/07
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.90	Depth to Water (DTW): 19.88
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]: 22.44	

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: ______

8.3 (Gals.) X 3 = 24.9 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
1100	63.5	6.8	1073	21	8.3	Odor
1102	66.3	6.7	1076	27	16.9	
1104	well	dewatered	@ 18gal		24.9	DTW-30.30
1215	62.6	6.8	1057	17		

Did well dewater? (Yes) No		Gallons actually evacuated: 18	
Sampling Date: 1/19/07	Sampling Time: 1215	Depth to Water: 22.44	
Sample I.D.: MW-3		Laboratory: STL Other TA	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other: TBA	
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-SL1	Site: 98995328
Sampler: SL	Date: 1/19/07
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.91	Depth to Water (DTW): 23.79
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]: 26.01

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: ____

1.8 (Gals.) X 3 = 5.4 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
1025	66.2	7.1	926	638	1.8	Cloudy
1028	66.7	6.8	954	891	3.6	Grey
1034	65.9	6.7	984	>1000	5.4	↓

Did well dewater? Yes (No)	Gallons actually evacuated: 5.4	
Sampling Date: 1/19/07	Sampling Time: 1040	Depth to Water: 24.61
Sample I.D.: MW-4	Laboratory: STL Other TA	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other: TBA	
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-SL1	Site: 98995328
Sampler: SL	Date: 1/19/07
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 31.73	Depth to Water (DTW): 24.24
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]: 25.74	

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

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

1.2 (Gals.) X 3 = 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
0947	64.7	6.7	1172	>1000	1.2	Grey, Brown
0949	67.1	6.4	1171	>1000	2.4	odor
0952	66.3	6.5	1172	>1000	3.6	↓

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 1/19/07 Sampling Time: 1000 Depth to Water: 24.52

Sample I.D.: MW-5 Laboratory: STL Other TA

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

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-SL1	Site: 98995328
Sampler: SL	Date: 1/19/07
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 29.71	Depth to Water (DTW): 25.50
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]: 26.34	

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

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

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

0.7 (Gals.) X 3 = 2.1 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0929	63.2	6.8	1107	>1000	0.7	Turbid
0930	64.9	6.6	1104	>1000	1.4	Brown
0932	65.8	6.5	1106	>1000	2.1	↓

Did well dewater? Yes (No) Gallons actually evacuated: 2.1

Sampling Date: 1/19/07 Sampling Time: 0940 Depth to Water: 25.81

Sample I.D.: MW-6 Laboratory: STL Other FA

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

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-SL1	Site: 98995328
Sampler: SL	Date: 1/19/07
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 69.20	Depth to Water (DTW): 31.61
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]: 39.13	

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

Sampling Method: (X) Bailer; Disposable Bailer; Extraction Port; 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

6.0 (Gals.) X 3 = 18.0 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0857	61.6	5.9	831	>1000	6.0	Brown
0904	63.7	6.5	915	>1000	12.0	↓
0917	62.8	6.6	913	>1000	18.0	↓

Did well dewater? Yes (No) Gallons actually evacuated: 18.0

Sampling Date: 1/19/07 Sampling Time: 0920 Depth to Water: 32.02

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

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

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