Shell Oil Products US

July 14, 2006

Re: **Quarterly Monitoring Reports – Second Quarter 2006**
Shell-branded Service Shell Station
11989 Dublin Boulevard
Dublin, 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
Sr. Environmental Engineer

20945 S. Wilmington Avenue, Carson, CA 90810 P: (559) 645-9306; F: (559) 645-5643

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

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San Jose, California 95119 USA

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July 14, 2006
Project No. SJ11-989-1

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

Re: **Quarterly Monitoring Report – Second Quarter 2006**
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California

Dear Mr. Wickham:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following second quarter 2006 groundwater monitoring and sampling report for the above referenced site. A site location map is included as Figure 1.

QUARTERLY GROUND WATER MONITORING PROGRAM

Groundwater monitoring wells were gauged and sampled by Blaine Tech Services (Blaine), at the direction of Delta, on April 19, 2006. Depth to groundwater was measured in Wells MW-2 through MW-5. Up-gradient Well MW-1 was eliminated from the groundwater monitoring program during first quarter 2006. Groundwater elevation data and contours are presented on Figure 2.

Groundwater samples were collected from Wells MW-2 through MW-5. Samples were submitted by Blaine to TestAmerica analytical Testing Corporation (TestAmerica) in Nashville, Tennessee, a California certified laboratory, for analysis for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); methyl tert butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA) using EPA Method 8260B. Benzene, MTBE, and TBA concentrations in groundwater are presented on Figure 3.

Blaine's groundwater monitoring and sampling report, which includes historical and current groundwater elevation data, historical and current analytical results, and field data records for the current monitoring event, is included as Attachment A.

DISCUSSION

On April 19, 2006, depth to groundwater beneath the site area and the resulting groundwater gradient and flow direction were consistent with previous data.

TPH-G compounds detected only in Wells MW-2 and MW-3 remained within historic fluctuations. MTBE continues to decrease in Wells MW-3 and MW-4. The MTBE concentration slightly increased in Well MW-2 from 9.23 ug/l last quarter to 19 ug/l. TBA continues to decrease in Wells MW-2, MW-3, and MW-4. TBA was detected for the first time in Well MW-5 at a concentration of 32.1 ug/l. Fuel oxygenates DIPE, ETBE, and TAME were below laboratory detection limits in all wells tested.

The installation of two monitoring wells (MW-6 and MW-7) proposed in the *Initial Site Conceptual Model (February 2006)* dated February 21, 2006 were approved in a letter from the Alameda County Health Care Services Agency (ACHCSA) dated April 11, 2006. Wells MW-6 and MW-7 were installed at the beginning of July 2006. A Monitoring Well Installation Report will be submitted to the ACHCSA by August 24, 2006.

REMARKS

The information contained in this report represent Delta's professional opinions based upon the currently available information and are 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.

Please call if you have any questions regarding the contents of this letter.

Sincerely,
Delta Environmental Consultants, Inc.

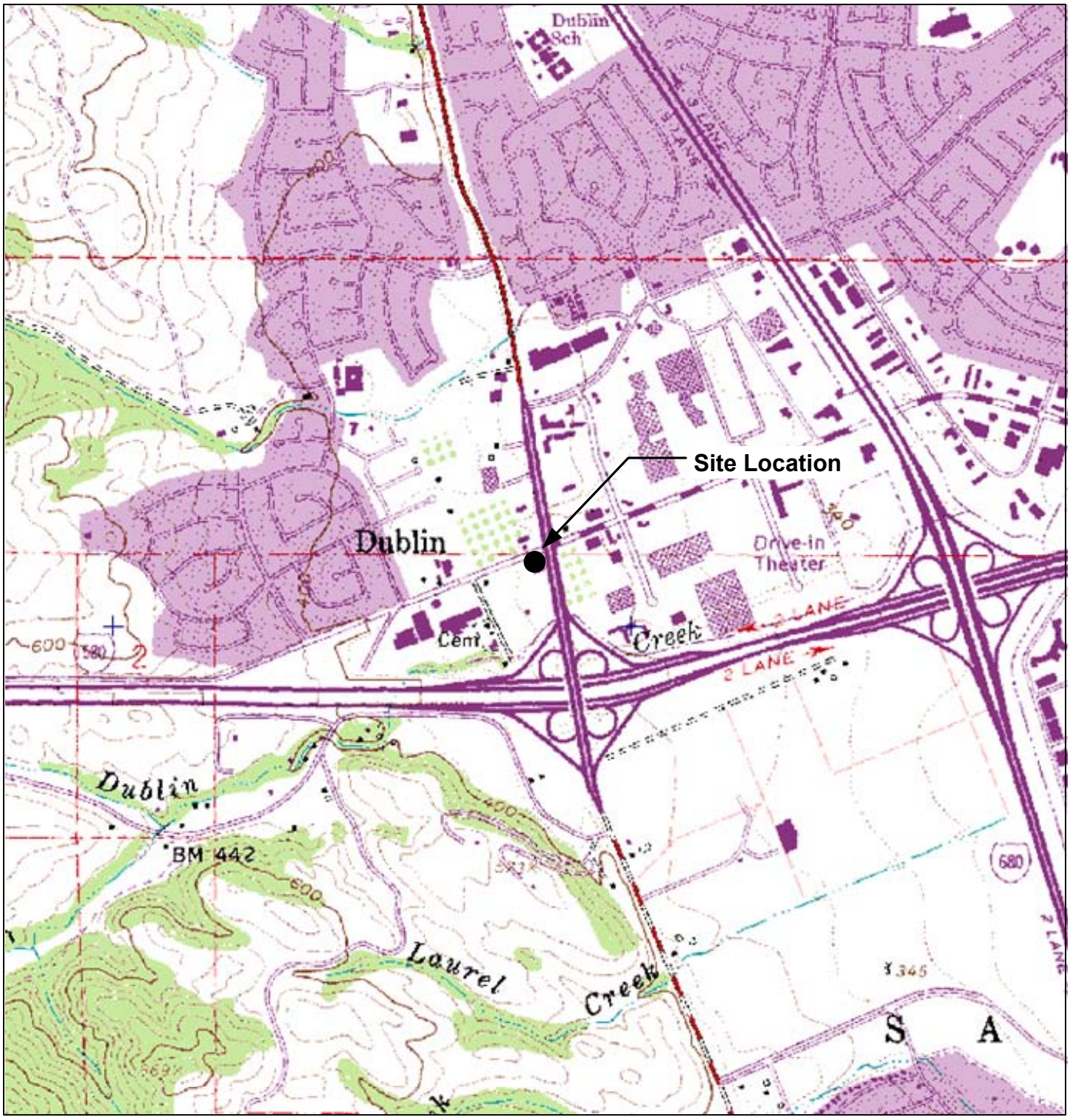
Heather Buckingham
Senior Staff Geologist

Rebecca Wolff
Project Geologist
PG 8220

PROFESSIONAL GEOLOGIST
REBECCA WOLFF
NO. 8220
STATE OF CALIFORNIA

Attachments: Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map, April 19, 2006
Figure 3 – Benzene, MTBE, and TBA Concentrations Map, April 19, 2006
Attachment A – Groundwater Monitoring and Sampling Report, May 17, 2006

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



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

North

QUADRANGLE LOCATION

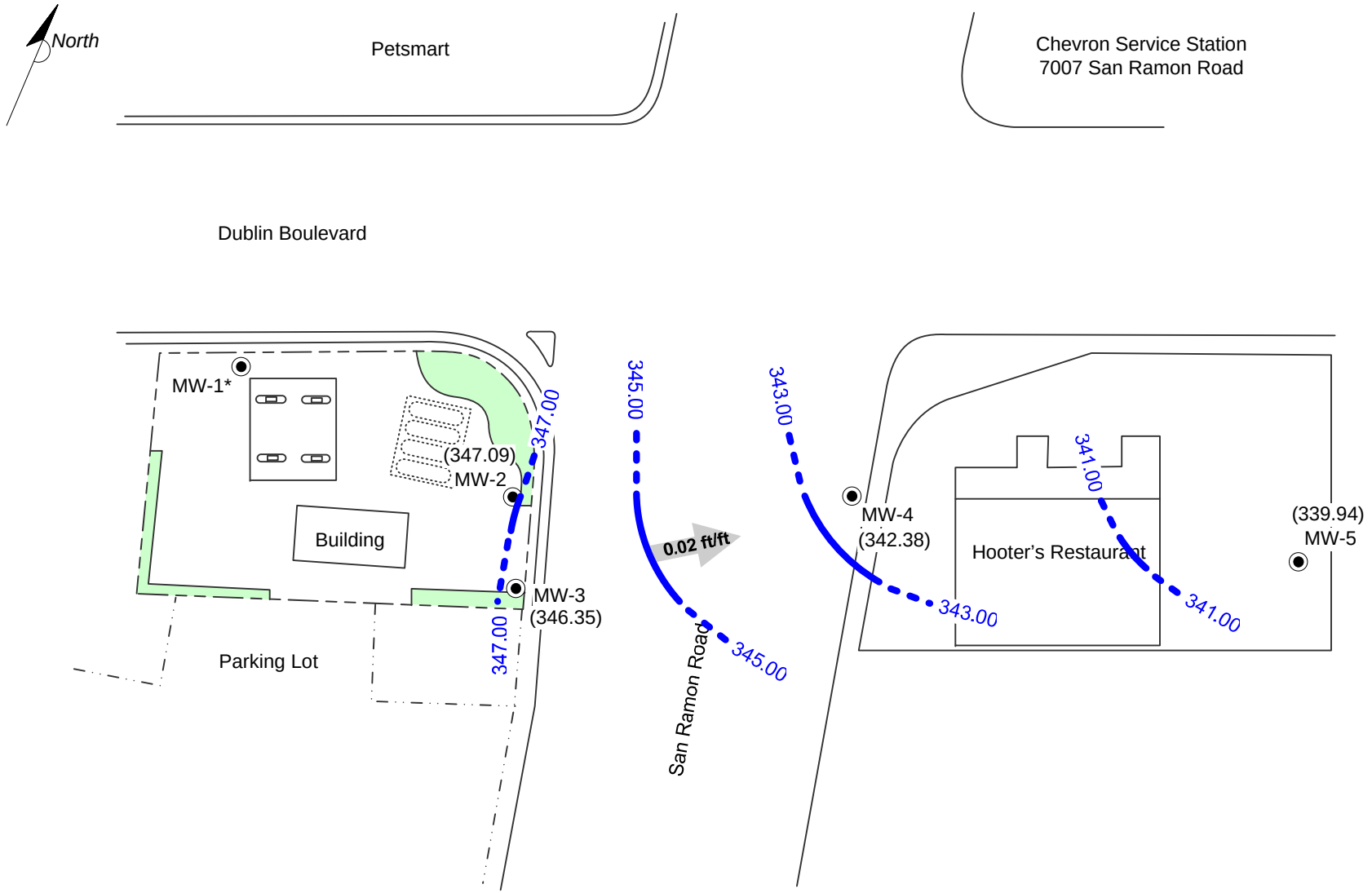
0 1,800 3,600
Scale, Feet

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**

(342.52) **GROUNDWATER ELEVATION (FEET-MSL), 04/19/06**

345.00 **GROUNDWATER ELEVATION CONTOUR**

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

* **REMOVED FROM SAMPLING PROGRAM**

0 80 FT

APPROX. SCALE

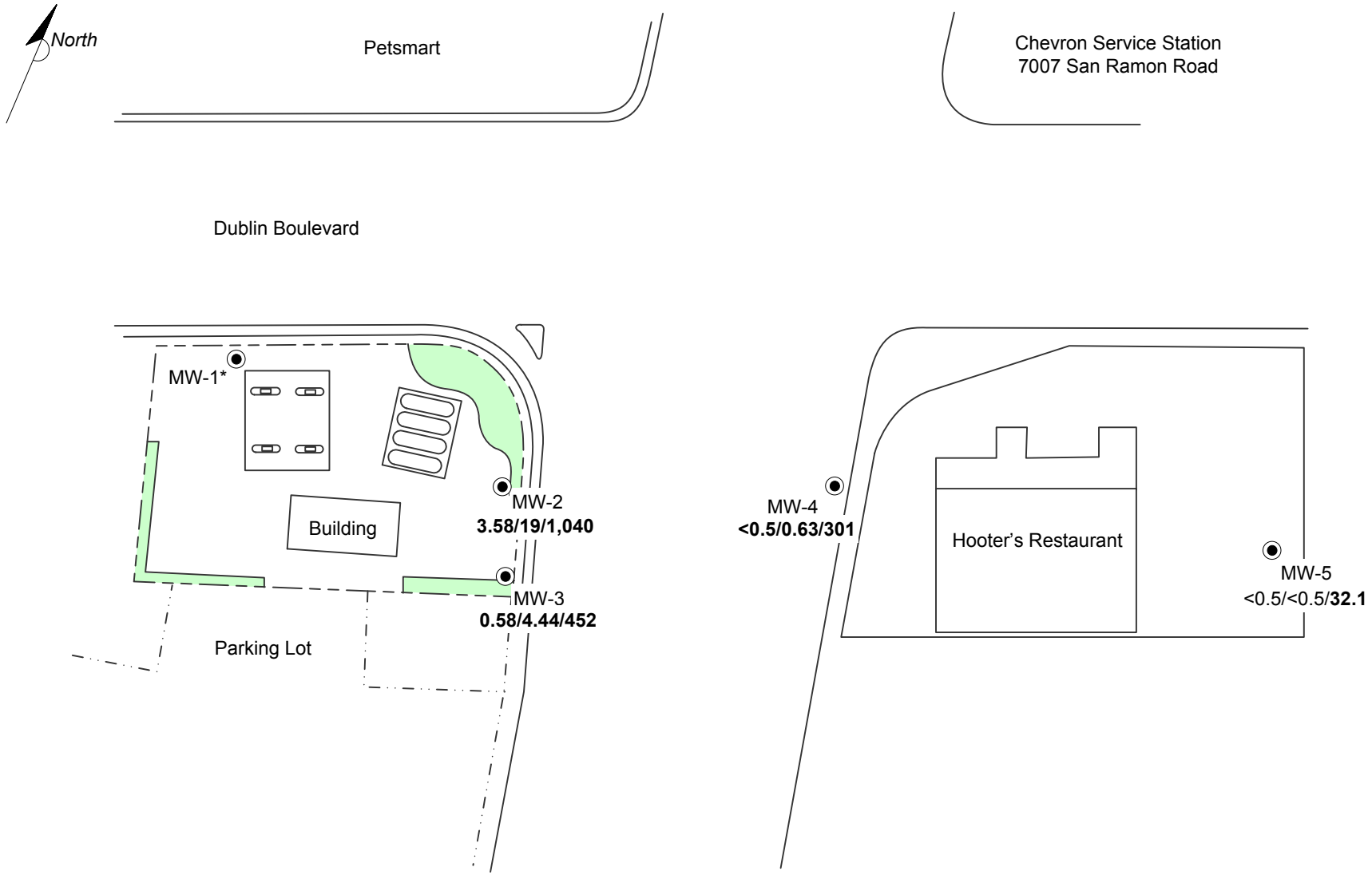
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, APRIL 19, 2006

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 05/22/06
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/**32.1** **BENZENE/MTBE/TBA CONCENTRATIONS (UG/L), 04/19/06**

* **REMOVED FROM SAMPLING PROGRAM**

0 80 FT

APPROX. SCALE

FIGURE 3

BENZENE, MTBE, AND TBA CONCENTRATIONS MAP, APRIL 19, 2006

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2006	DRAWN BY JL 05/22/06
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

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

May 17, 2006

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

Second Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on April 19, 2006

Groundwater Monitoring Report **060419-KH-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: Heather Buckingham
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-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
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

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	**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-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**
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**

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

May 01, 2006

Client: Delta Env. Consultants (San Jose) / SHELL (13653)
175 Bernal Rd., Suite 200
San Jose, CA 95119
Attn: Heather Buckingham

Work Order: NPD2717
Project Name: 11989 Dublin Blvd, Dublin, CA
Project Nbr: 98995328
P/O Nbr: 98995328
Date Received: 04/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPD2717-01	04/19/06 14:22
MW-3	NPD2717-02	04/19/06 14:43
MW-4	NPD2717-03	04/19/06 13:37
MW-5	NPD2717-04	04/19/06 15:10

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

California Certification Number: 01168CA

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Jim Hatfield
Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2717-01 (MW-2 - Water) Sampled: 04/19/06 14:22								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Benzene	**3.58**		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Diisopropyl Ether	ND		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Ethylbenzene	**4.32**		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Methyl tert-Butyl Ether	**19.0**		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Toluene	**0.890**		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Tertiary Butyl Alcohol	**1040**		ug/L	10.0	1	04/27/06 01:57	SW846 8260B	6045096
Xylenes, total	ND		ug/L	0.500	1	04/27/06 01:57	SW846 8260B	6045096
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*04/27/06 01:57*	*SW846 8260B*	*6045096*
Surr: Dibromofluoromethane (79-122%)	*112 %*					*04/27/06 01:57*	*SW846 8260B*	*6045096*
Surr: Toluene-d8 (78-121%)	*103 %*					*04/27/06 01:57*	*SW846 8260B*	*6045096*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*04/27/06 01:57*	*SW846 8260B*	*6045096*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**5490**		ug/L	50.0	1	04/27/06 01:57	CA LUFT GC/MS	6045096
Sample ID: NPD2717-02 (MW-3 - Water) Sampled: 04/19/06 14:43								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Benzene	**0.580**		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Diisopropyl Ether	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Ethylbenzene	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Methyl tert-Butyl Ether	**4.44**		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Toluene	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Tertiary Butyl Alcohol	**452**		ug/L	10.0	1	04/27/06 02:19	SW846 8260B	6045096
Xylenes, total	ND		ug/L	0.500	1	04/27/06 02:19	SW846 8260B	6045096
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*					*04/27/06 02:19*	*SW846 8260B*	*6045096*
Surr: Dibromofluoromethane (79-122%)	*109 %*					*04/27/06 02:19*	*SW846 8260B*	*6045096*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/27/06 02:19*	*SW846 8260B*	*6045096*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*04/27/06 02:19*	*SW846 8260B*	*6045096*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**376**		ug/L	50.0	1	04/27/06 02:19	CA LUFT GC/MS	6045096
Sample ID: NPD2717-03 (MW-4 - Water) Sampled: 04/19/06 13:37								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Benzene	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Diisopropyl Ether	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Ethylbenzene	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Methyl tert-Butyl Ether	**0.630**		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Toluene	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096

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ANALYTICAL TESTING CORPORATION
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Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPD2717-03 (MW-4 - Water) - cont. Sampled: 04/19/06 13:37								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	**301**		ug/L	10.0	1	04/27/06 02:42	SW846 8260B	6045096
Xylenes, total	ND		ug/L	0.500	1	04/27/06 02:42	SW846 8260B	6045096
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*04/27/06 02:42*	*SW846 8260B*	*6045096*
Surr: Dibromofluoromethane (79-122%)	*108 %*					*04/27/06 02:42*	*SW846 8260B*	*6045096*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/27/06 02:42*	*SW846 8260B*	*6045096*
Surr: 4-Bromofluorobenzene (78-126%)	*111 %*					*04/27/06 02:42*	*SW846 8260B*	*6045096*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/27/06 02:42	CA LUFT GC/MS	6045096
Sample ID: NPD2717-04 (MW-5 - Water) Sampled: 04/19/06 15:10								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Benzene	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Diisopropyl Ether	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Ethylbenzene	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Toluene	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Tertiary Butyl Alcohol	**32.1**		ug/L	10.0	1	04/27/06 03:04	SW846 8260B	6045096
Xylenes, total	ND		ug/L	0.500	1	04/27/06 03:04	SW846 8260B	6045096
Surr: 1,2-Dichloroethane-d4 (70-130%)	*110 %*					*04/27/06 03:04*	*SW846 8260B*	*6045096*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*04/27/06 03:04*	*SW846 8260B*	*6045096*
Surr: Toluene-d8 (78-121%)	*104 %*					*04/27/06 03:04*	*SW846 8260B*	*6045096*
Surr: 4-Bromofluorobenzene (78-126%)	*114 %*					*04/27/06 03:04*	*SW846 8260B*	*6045096*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	04/27/06 03:04	CA LUFT GC/MS	6045096

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6045096-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Benzene	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Ethyl tert-Butyl Ether	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Diisopropyl Ether	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Ethylbenzene	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Methyl tert-Butyl Ether	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Toluene	<0.200		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Tertiary Butyl Alcohol	<5.06		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Xylenes, total	<0.350		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 1,2-Dichloroethane-d4	96%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 1,2-Dichloroethane-d4	96%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Dibromofluoromethane	104%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Dibromofluoromethane	104%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Toluene-d8	105%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Toluene-d8	105%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 4-Bromofluorobenzene	104%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 4-Bromofluorobenzene	104%			6045096	6045096-BLK1	04/26/06 21:09
Purgeable Petroleum Hydrocarbons						
6045096-BLK1						
Gasoline Range Organics	<50.0		ug/L	6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 1,2-Dichloroethane-d4	96%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Dibromofluoromethane	104%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: Toluene-d8	105%			6045096	6045096-BLK1	04/26/06 21:09
Surrogate: 4-Bromofluorobenzene	104%			6045096	6045096-BLK1	04/26/06 21:09

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6045096-BS1								
Tert-Amyl Methyl Ether	50.0	44.6		ug/L	89%	56 - 145	6045096	04/26/06 20:02
Benzene	50.0	48.1		ug/L	96%	79 - 123	6045096	04/26/06 20:02
Ethyl tert-Butyl Ether	50.0	45.1		ug/L	90%	64 - 141	6045096	04/26/06 20:02
Diisopropyl Ether	50.0	49.6		ug/L	99%	73 - 135	6045096	04/26/06 20:02
Ethylbenzene	50.0	43.8		ug/L	88%	79 - 125	6045096	04/26/06 20:02
Methyl tert-Butyl Ether	50.0	39.8		ug/L	80%	66 - 142	6045096	04/26/06 20:02
Toluene	50.0	44.9		ug/L	90%	78 - 122	6045096	04/26/06 20:02
Tertiary Butyl Alcohol	500	362		ug/L	72%	42 - 154	6045096	04/26/06 20:02
Xylenes, total	150	147		ug/L	98%	79 - 130	6045096	04/26/06 20:02
Surrogate: 1,2-Dichloroethane-d4	50.0	48.9			98%	70 - 130	6045096	04/26/06 20:02
Surrogate: 1,2-Dichloroethane-d4	50.0	48.9			98%	70 - 130	6045096	04/26/06 20:02
Surrogate: Dibromofluoromethane	50.0	49.7			99%	79 - 122	6045096	04/26/06 20:02
Surrogate: Dibromofluoromethane	50.0	49.7			99%	79 - 122	6045096	04/26/06 20:02
Surrogate: Toluene-d8	50.0	51.1			102%	78 - 121	6045096	04/26/06 20:02
Surrogate: Toluene-d8	50.0	51.1			102%	78 - 121	6045096	04/26/06 20:02
Surrogate: 4-Bromofluorobenzene	50.0	52.3			105%	78 - 126	6045096	04/26/06 20:02
Surrogate: 4-Bromofluorobenzene	50.0	52.3			105%	78 - 126	6045096	04/26/06 20:02
Purgeable Petroleum Hydrocarbons								
6045096-BS1								
Gasoline Range Organics	3050	2260		ug/L	74%	67 - 130	6045096	04/26/06 20:02
Surrogate: 1,2-Dichloroethane-d4	50.0	48.9			98%	70 - 130	6045096	04/26/06 20:02
Surrogate: Dibromofluoromethane	50.0	49.7			99%	70 - 130	6045096	04/26/06 20:02
Surrogate: Toluene-d8	50.0	51.1			102%	70 - 130	6045096	04/26/06 20:02
Surrogate: 4-Bromofluorobenzene	50.0	52.3			105%	70 - 130	6045096	04/26/06 20:02

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6045096-MS1										
Tert-Amyl Methyl Ether	13.9	28.1	M2	ug/L	50.0	28%	45 - 155	6045096	NPD2721-01	04/27/06 04:55
Benzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	71 - 137	6045096	NPD2721-01	04/27/06 04:55
Ethyl tert-Butyl Ether	ND	27.5	M2	ug/L	50.0	55%	57 - 148	6045096	NPD2721-01	04/27/06 04:55
Diisopropyl Ether	ND	27.9	M2	ug/L	50.0	56%	67 - 143	6045096	NPD2721-01	04/27/06 04:55
Ethylbenzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	72 - 139	6045096	NPD2721-01	04/27/06 04:55
Methyl tert-Butyl Ether	20.8	43.9	M2	ug/L	50.0	46%	55 - 152	6045096	NPD2721-01	04/27/06 04:55
Toluene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	73 - 133	6045096	NPD2721-01	04/27/06 04:55
Tertiary Butyl Alcohol	ND	171		ug/L	500	34%	19 - 183	6045096	NPD2721-01	04/27/06 04:55
Xylenes, total	464	589		ug/L	150	83%	70 - 143	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	70 - 130	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	70 - 130	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	79 - 122	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	79 - 122	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Toluene-d8		51.6		ug/L	50.0	103%	78 - 121	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Toluene-d8		51.6		ug/L	50.0	103%	78 - 121	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 4-Bromofluorobenzene		58.9		ug/L	50.0	118%	78 - 126	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 4-Bromofluorobenzene		58.9		ug/L	50.0	118%	78 - 126	6045096	NPD2721-01	04/27/06 04:55
Purgeable Petroleum Hydrocarbons										
6045096-MS1										
Gasoline Range Organics	1000000000	1.00E9	MHA	ug/L	3050	0%	60 - 140	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 1,2-Dichloroethane-d4		60.3		ug/L	50.0	121%	0 - 200	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Dibromofluoromethane		52.0		ug/L	50.0	104%	0 - 200	6045096	NPD2721-01	04/27/06 04:55
Surrogate: Toluene-d8		51.6		ug/L	50.0	103%	0 - 200	6045096	NPD2721-01	04/27/06 04:55
Surrogate: 4-Bromofluorobenzene		58.9		ug/L	50.0	118%	0 - 200	6045096	NPD2721-01	04/27/06 04:55

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6045096-MSD1												
Tert-Amyl Methyl Ether	13.9	17.0	M2, R3	ug/L	50.0	6%	45 - 155	49	24	6045096	NPD2721-01	04/27/06 05:17
Benzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	71 - 137	0	23	6045096	NPD2721-01	04/27/06 05:17
Ethyl tert-Butyl Ether	ND	16.9	M2, R3	ug/L	50.0	34%	57 - 148	48	22	6045096	NPD2721-01	04/27/06 05:17
Diisopropyl Ether	ND	15.9	M2, R3	ug/L	50.0	32%	67 - 143	55	22	6045096	NPD2721-01	04/27/06 05:17
Ethylbenzene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	72 - 139	0	23	6045096	NPD2721-01	04/27/06 05:17
Methyl tert-Butyl Ether	20.8	35.6	M2	ug/L	50.0	30%	55 - 152	21	27	6045096	NPD2721-01	04/27/06 05:17
Toluene	1.00E9	1.00E9	MHA	ug/L	50.0	0%	73 - 133	0	25	6045096	NPD2721-01	04/27/06 05:17
Tertiary Butyl Alcohol	ND	165		ug/L	500	33%	19 - 183	4	39	6045096	NPD2721-01	04/27/06 05:17
Xylenes, total	464	555	M2	ug/L	150	61%	70 - 143	6	27	6045096	NPD2721-01	04/27/06 05:17
Surrogate: 1,2-Dichloroethane-d4		59.9		ug/L	50.0	120%	70 - 130			6045096	NPD2721-01	04/27/06 05:17
Surrogate: 1,2-Dichloroethane-d4		59.9		ug/L	50.0	120%	70 - 130			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	79 - 122			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Toluene-d8		52.0		ug/L	50.0	104%	78 - 121			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Toluene-d8		52.0		ug/L	50.0	104%	78 - 121			6045096	NPD2721-01	04/27/06 05:17
Surrogate: 4-Bromofluorobenzene		58.0		ug/L	50.0	116%	78 - 126			6045096	NPD2721-01	04/27/06 05:17
Surrogate: 4-Bromofluorobenzene		58.0		ug/L	50.0	116%	78 - 126			6045096	NPD2721-01	04/27/06 05:17
Purgeable Petroleum Hydrocarbons												
6045096-MSD1												
Gasoline Range Organics	1000000000	1.00E9	MHA	ug/L	3050	0%	60 - 140	0	40	6045096	NPD2721-01	04/27/06 05:17
Surrogate: 1,2-Dichloroethane-d4		59.9		ug/L	50.0	120%	0 - 200			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Dibromofluoromethane		53.0		ug/L	50.0	106%	0 - 200			6045096	NPD2721-01	04/27/06 05:17
Surrogate: Toluene-d8		52.0		ug/L	50.0	104%	0 - 200			6045096	NPD2721-01	04/27/06 05:17
Surrogate: 4-Bromofluorobenzene		58.0		ug/L	50.0	116%	0 - 200			6045096	NPD2721-01	04/27/06 05:17

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8260B	Water	N/A	X	X

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics
SW846 8260B	Water	Diisopropyl Ether

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPD2717
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Heather Buckingham	Received:	04/21/06 08:10

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

MHA Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#**

NPD2717

Cooler Received/Opened On 4/21/06 8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7519

(Fed-Ex) UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 5-0 **Degrees Celsius**

(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 (Raynger ST)

3. Were custody seals on outside of cooler?..... (YES)...NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... (YES)...NO...NA

5. Were custody papers inside cooler?..... (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO.(NA)

7. What kind of packing material used? (Bubblewrap) Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES).NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... (YES)...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...(NO)...NA JR

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO..(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment

Cooler Receipt Form

LF-1

End of Form

Revised 3/9/06

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM BC#

Cooler Received/Opened On 04/21/2006 @ 08:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7063

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 1.5 Degrees Celsius

(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO....NA

a. If yes, how many and where: 1 front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... RWS

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form

Revised 3/9/06

SHELL Chain of Custody Record

Lab: TestAmerica STL Other_____

Lab Identification (if necessary):
- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Nashville, Tennessee
- ☐ STL
- ☐ Other (location)_____

Shell Project Manager to be invoiced: Denis Brown
- ☑ ENVIRONMENTAL SERVICES
- ☐ TECHNICAL SERVICES
- ☐ CRMT HOUSTON
- ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

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

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/19/06

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 11989 Dublin Blvd., Dublin	State: CA
GLOBAL ID NO.: T0600102083			
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	EDF DELIVERABLE TO (Responsible Party or Designee): Heather Buckingham, Delta, San Jose	PHONE NO.: (408) 826-1866	E-MAIL: hbuckingham@deltaenv.com
CONSULTANT PROJECT NO.: BTS #060419-KH2			
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata	SAMPLER NAME(S) (Print): Kevin Harvey	LAB USE ONLY	
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: mninokata@blainetech.com	

TURNAROUND TIME (STANDARD IS 10 CALENDAR DAYS): ☐ RESULTS NEEDED ON WEEKEND
- ☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:_____

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

Run TPH-d with Silica gel clean up if detected.

RECEIPT VERIFICATION REQUESTED ☑

REQUESTED ANALYSIS

NPD2717
05/01/06 23:59

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)
	MW-2	4/19/06	1422	W	3	X		X	X		X	NPD	2717			-1		
	MW-3		1443			X		X	X		X					2		
	MW-4		1337			X		X	X		X					3		
	MW-5		1510			X		X	X		X					4		

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

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date: 4/19/06	Time: 1625
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/19/06	Time: 1705
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/19/06	Time: 1812
Relinquished by: (Signature)	Received by: (Signature)	Date: 4-21-06	Time: 8:10
Relinquished by: (Signature)	Received by: (Signature)	Date: 4.20.06	Time: 14:20

Q&Q Graphic (714) 898-9702

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 4/19/06

Site Address 11989 Dublin Blvd. Dublin

Job Number 060419-KH2 Technician Kevin Harvey

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-2	✓	✓	✓							
MW-3	✓	✓	✓							
MW-4	✓	✓	✓							
MW-5	✓	✓	✓	✓						

NOTES:

Repair Data Sheet

Client Shell Date 3-7-06

Site Address 11989 Dublin Blvd, Dublin

Job Number 060307AA2 Technician Andrew A

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-2	X																			
	Notes: tag well																			
mw-3	X																			
	Notes: tag well																			
mw-4								X									X			
	Notes: Box structure separated from lid, tag well																			
mw-5	X																			
	Notes: tag well																			
	Notes:																			
	Notes:																			

SITE INSPECTION CHECKLIST

Client Shell Date 3-7-06

Site Address 11989 Dublin Blvd. Dublin

Job Number 060307A13 Technician Andrew A

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 W 3/8 Initial/Date Notes

WELL GAUGING DATA

Project # 060419-EM2 Date 4/19/06 Client Shell

Site 11989 Dublin Blvd. Dublin

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-2	4					18.34	32.49	TOC	
MW-3	4					18.62	32.63	↓	
MW-4	2					21.59	35.02	↓	
MW-5	2					21.06	32.60	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 060419-KH2	Site: 98995328
Sampler: KH	Date: 4/19/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.49	Depth to Water (DTW): 18.34
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]: 21.17	

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: ____

9.2 (Gals.) X	3	= 27.6 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1404	69.2	6.7	912.2	25	10	
1407	69.5	6.8	891.4	22	19	
1409	69.6	6.7	891.1	37	28	

Did well dewater? Yes (No) Gallons actually evacuated: 28

Sampling Date: 4/19/06 Sampling Time: 1422 Depth to Water: 21.10

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 #: 060419-KH2	Site: 9899328
Sampler: KH	Date: 4/19/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.63	Depth to Water (DTW): 18.62
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.42	

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
9.2	(Gals.) X	3	=	27.6 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 (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1351	70.4	6.7	1161	115	10	
1353	68.9	6.8	1174	43	19	
		well dewatered		≥ 20 gallons		
1443	67.8	6.8	1196	36	—	

Did well dewater? (Yes) No Gallons actually evacuated: 20

Sampling Date: 4/19/06 Sampling Time: 1443 Depth to Water: 20.79

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 #: 060419-KH2	Site: 9899328
Sampler: KH	Date: 4/19/06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 35.02	Depth to Water (DTW): 21.59
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]: 24.27	

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:_____

2.2 (Gals.) X 3 = 6.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1324	70.1	6.8	1038	355	2.2	
1328	70.3	6.7	998	498	4.4	
1331	70.4	6.7	1003	376	6.6	

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 4/19/06 Sampling Time: 1337 Depth to Water: 23.62

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 #: 060419-KH2	Site: 9899528
Sampler: KH	Date: 4/19/06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 32.00	Depth to Water (DTW): 21.06
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]: 23.24	

Purge Method: (Bailer) Waterra
Disposable Bailer Peristaltic
Positive Air Displacement Extraction Pump
Electric Submersible 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
1455	69.4	7.0	1023	71000	1.8	
1458	69.5	6.8	877.7	71000	3.6	
1501	68.6	6.9	842.7	71000	5.4	

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 4/19/06 Sampling Time: 1510 Depth to Water: 21.18

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	