Shell Oil Products US

April 10, 2006

Re: **Quarterly Monitoring Reports – First 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.

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By lopprojectop at 10:21 am, Apr 17, 2006

April 10, 2006
Project No. SJ11-989-1.2006

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 – First 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 first 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 January 6, 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 this quarter. 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 Test America analytical Testing Corporation (Test America) in Nashville, Tennessee 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. The groundwater sample from Well MW-5 was also analyzed for total extractable

petroleum hydrocarbons as diesel (TPH-D) by EPA method 8015B. 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

Depth to groundwater in Wells MW-2 through MW-4 decreased by an average of 2.84 feet since last quarter. The groundwater gradient on January 6, 2006 was toward the northeast at a magnitude of 0.02 feet/feet, consistent with previous data.

MTBE concentrations decreased in Wells MW-2 and MW-4 from 11.9 micrograms per liter (ug/l) to 9.23 ug/l and from 3.23 ug/l to 2.75 ug/l, respectively, while the MTBE concentration in Well MW-3 increased from 10.1 ug/l to 13.7 ug/l. MTBE concentrations in Wells MW-3 and MW-4 remain within historic fluctuations, while the MTBE concentration in Well MW-2 has decreased to a historic low. TBA concentrations increased in Wells MW-2 and MW-3 to 1,300 ug/l and 1,060 ug/l, respectively. The TBA concentration in Well MW-4 decreased to a historic low of 302 ug/l. The TPH-G concentration in Well MW-2 increased to 6,650 ug/l, while the TPH-G concentration in Wells MW-3 and MW-4 decreased to non-detectable levels. Benzene was not detected in Wells MW-1 through MW-4 for the first time since second quarter 2003. Ethylbenzene was detected in Well MW-2 at a concentration of 2.69 ug/l. All analytes tested in newly installed Well MW-5, with the exception of TPH-D, were below the laboratory detection limits. TPH-D was detected in Well MW-5 at a concentration of 280 ug/l. Fuel oxygenates DIPE, ETBE, and TAME were below laboratory detection limits in all wells tested.

As requested in the Alameda County Health Care Services Agency letter dated June 1, 2005, Well MW-1 has been removed from the monitoring and sampling program, but will remain in place pending the results of assessment of the perched groundwater zone that Well MW-1 monitors.

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.

R. Lee Dooley
Senior Hydrogeologist
CHG 0183

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

Attachments: Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map, January 6, 2006
Figure 3 – Benzene, MTBE, and TBA Concentrations Map, January 6, 2006

Attachment A – Groundwater Monitoring and Sampling Report, January 27, 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

QUADRANGLE LOCATION

Legend

- Domestic Well
- Irrigation Well
- Destroyed/Abandoned Well

North

0 1,800 3,600

Scale, Feet

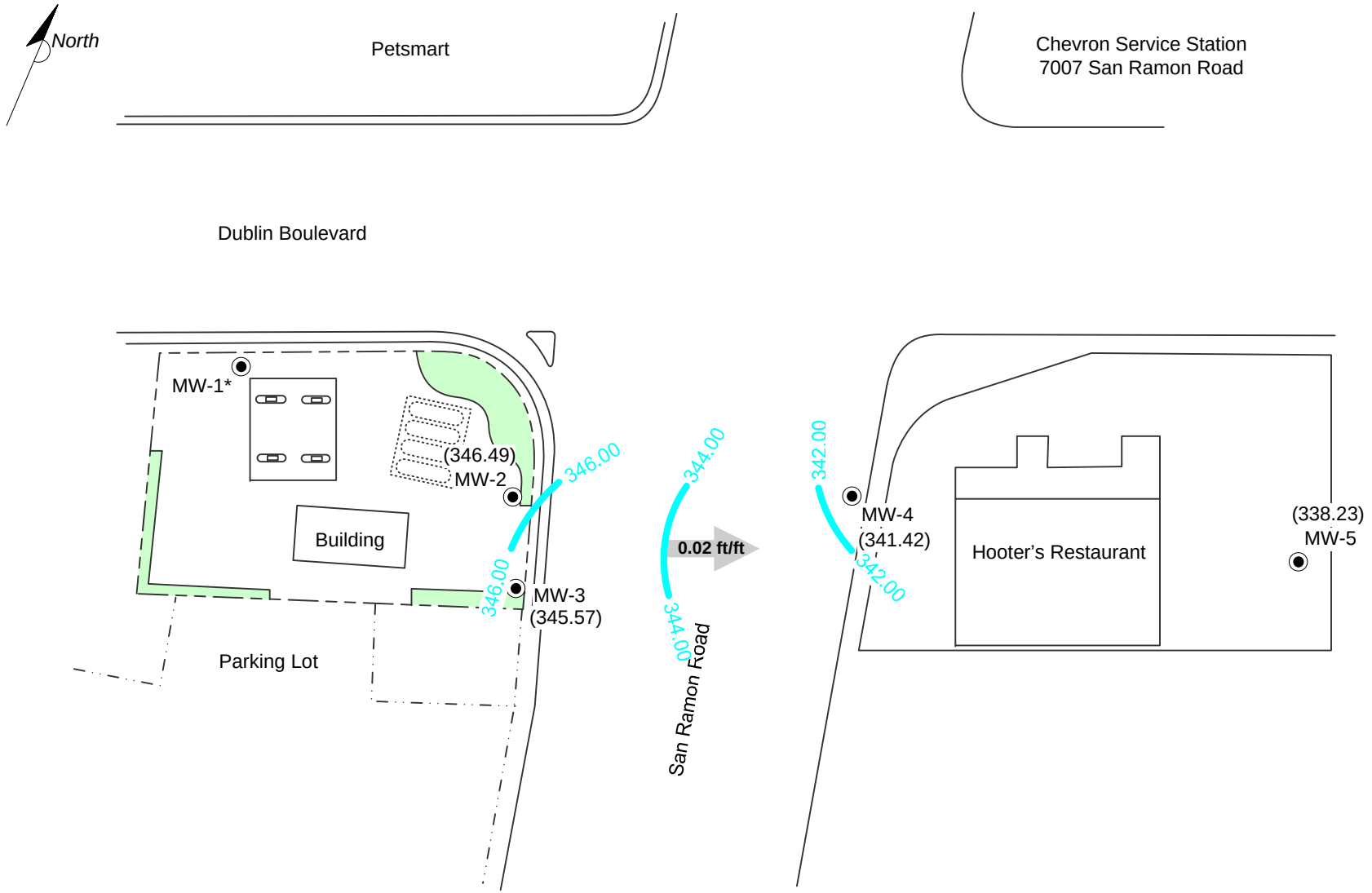
FIGURE 1

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), 1/6/06**

342.00 **GROUNDWATER ELEVATION CONTOUR**

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

* **REMOVED FROM SAMPLING PROGRAM**

0 80 FT

APPROX. SCALE

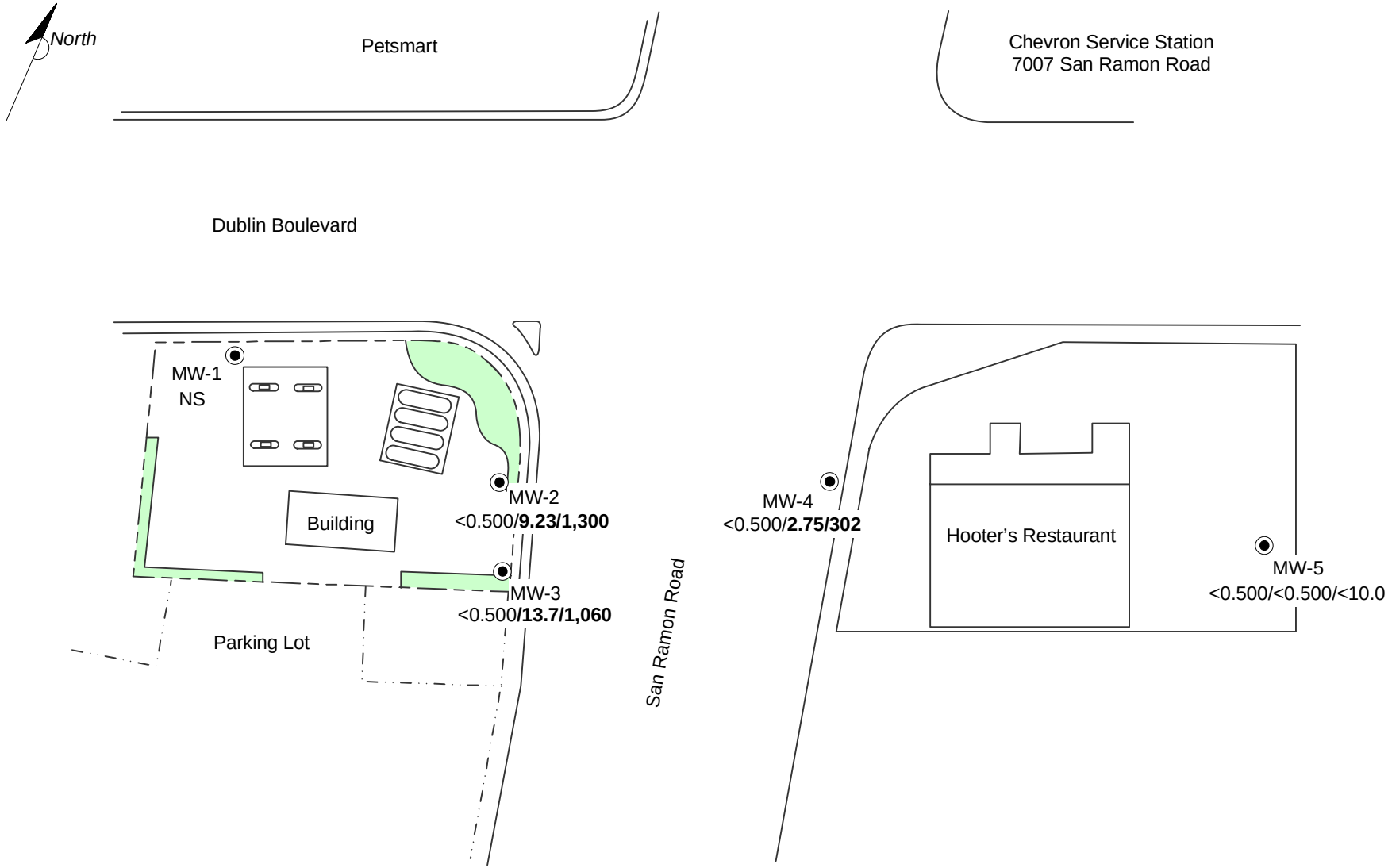
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, JANUARY 6, 2006

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2006	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2006	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta
Environmental Consultants, Inc.



LEGEND

MW-1 ◉ **GROUNDWATER MONITORING WELL**

<0.50/<0.50/**3,700** **BENZENE/MTBE/TBA CONCENTRATIONS (UG/L), 1/6/06**

NS **NOT SAMPLED**

0 80 FT

APPROX. SCALE

FIGURE 3

BENZENE, MTBE, AND TBA CONCENTRATIONS MAP, JANUARY 6, 2006

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin. California

PROJECT NO. SJ11-989-1.2006	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2006	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Delta
Environmental Consultants, Inc.

Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 27, 2006

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

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

Monitoring performed on January 3 and 6, 2006

Groundwater Monitoring Report **060106-MT-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 Coordinator

MN/ks

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

cc: Vera Fischer
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**

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-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-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**

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

January 23, 2006

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

Work Order: NPA1006
Project Name: 11989 Dublin Blvd, Dublin, CA
Project Nbr: 98995328
Date Received: 01/11/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-2	NPA1006-01	01/06/06 10:10
MW-3	NPA1006-02	01/06/06 09:50
MW-4	NPA1006-03	01/06/06 09:25
MW-5	NPA1006-04	01/06/06 08:55

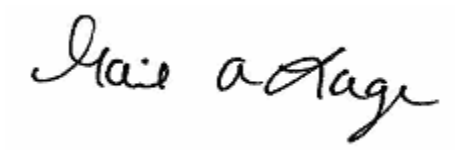
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed,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

California Certification Number: 01168CA

The Chain(s) of Custody, 2 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:



Gail A Lage
Senior Project Manager

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:	NPA1006
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPA1006-01 (MW-2 - Ground Water) Sampled: 01/06/06 10:10								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Benzene	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Ethylbenzene	**2.69**		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Methyl tert-Butyl Ether	**9.23**	ID2	ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Toluene	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Tertiary Butyl Alcohol	**1300**	ID2	ug/L	10.0	1	01/16/06 11:12	SW846 8260B	6012067
Xylenes, total	ND		ug/L	0.500	1	01/16/06 11:12	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (78-121%)	*107 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (78-126%)	*114 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**6650**		ug/L	50.0	1	01/16/06 11:12	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (0-200%)	*104 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (0-200%)	*107 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (0-200%)	*114 %*					*01/16/06 11:12*	*SW846 8260B*	*6012067*
Sample ID: NPA1006-02 (MW-3 - Ground Water) Sampled: 01/06/06 09:50								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Benzene	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Methyl tert-Butyl Ether	**13.7**		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Toluene	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Tertiary Butyl Alcohol	**1060**		ug/L	10.0	1	01/16/06 11:35	SW846 8260B	6012067
Xylenes, total	ND		ug/L	0.500	1	01/16/06 11:35	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (78-121%)	*108 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (78-126%)	*112 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	01/16/06 11:35	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (0-200%)	*99 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (0-200%)	*107 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (0-200%)	*108 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (0-200%)	*112 %*					*01/16/06 11:35*	*SW846 8260B*	*6012067*

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ANALYTICAL TESTING CORPORATION
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Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPA1006
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPA1006-03 (MW-4 - Ground Water) Sampled: 01/06/06 09:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Benzene	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Methyl tert-Butyl Ether	**2.75**	ID2	ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Toluene	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Tertiary Butyl Alcohol	**302**		ug/L	10.0	1	01/16/06 11:57	SW846 8260B	6012067
Xylenes, total	ND		ug/L	0.500	1	01/16/06 11:57	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (78-121%)	*107 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	01/16/06 11:57	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (0-200%)	*101 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (0-200%)	*103 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (0-200%)	*107 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (0-200%)	*109 %*					*01/16/06 11:57*	*SW846 8260B*	*6012067*
Sample ID: NPA1006-04 (MW-5 - Ground Water) Sampled: 01/06/06 08:55								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Benzene	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Diisopropyl Ether	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Ethylbenzene	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Toluene	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	01/18/06 14:35	SW846 8260B	6013042
Xylenes, total	ND		ug/L	0.500	1	01/16/06 12:19	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (78-121%)	*107 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (78-126%)	*115 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Extractable Petroleum Hydrocarbons								
Diesel	**280**		ug/L	50.0	1	01/12/06 17:13	SW846 8015B	6011682
Surr: o-Terphenyl (55-150%)	*62 %*					*01/12/06 17:13*	*SW846 8015B*	*6011682*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	01/16/06 12:19	SW846 8260B	6012067
Surr: 1,2-Dichloroethane-d4 (0-200%)	*103 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: Dibromofluoromethane (0-200%)	*104 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: Toluene-d8 (0-200%)	*107 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*
Surr: 4-Bromofluorobenzene (0-200%)	*115 %*					*01/16/06 12:19*	*SW846 8260B*	*6012067*

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Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPA1006
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch

Sample ID: NPA1006-04 (MW-5 - Ground Water) - cont. Sampled: 01/06/06 08:55

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:	NPA1006
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	6011682	NPA1006-04	1000.00	1.00	01/12/06 10:00	KLG	EPA 3510C

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

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						
6012067-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Benzene	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Ethyl tert-Butyl Ether	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Diisopropyl Ether	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Ethylbenzene	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Methyl tert-Butyl Ether	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Toluene	<0.200		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Tertiary Butyl Alcohol	<5.06		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Xylenes, total	<0.350		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Surrogate: 1,2-Dichloroethane-d4	100%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: Dibromofluoromethane	105%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: Toluene-d8	109%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: 4-Bromofluorobenzene	118%			6012067	6012067-BLK1	01/16/06 08:15
6013042-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6013042	6013042-BLK1	01/18/06 13:07
Ethyl tert-Butyl Ether	<0.200		ug/L	6013042	6013042-BLK1	01/18/06 13:07
Diisopropyl Ether	<0.200		ug/L	6013042	6013042-BLK1	01/18/06 13:07
Methyl tert-Butyl Ether	<0.200		ug/L	6013042	6013042-BLK1	01/18/06 13:07
Tertiary Butyl Alcohol	<5.06		ug/L	6013042	6013042-BLK1	01/18/06 13:07
Extractable Petroleum Hydrocarbons						
6011682-BLK1						
Diesel	<33.0		ug/L	6011682	6011682-BLK1	01/12/06 16:39
Surrogate: o-Terphenyl	86%			6011682	6011682-BLK1	01/12/06 16:39
Purgeable Petroleum Hydrocarbons						
6012067-BLK1						
Gasoline Range Organics	<50.0		ug/L	6012067	6012067-BLK1	01/16/06 08:15
Surrogate: 1,2-Dichloroethane-d4	100%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: Dibromofluoromethane	105%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: Toluene-d8	109%			6012067	6012067-BLK1	01/16/06 08:15
Surrogate: 4-Bromofluorobenzene	118%			6012067	6012067-BLK1	01/16/06 08:15

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	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

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								
6012067-BS1								
Tert-Amyl Methyl Ether	50.0	55.3		ug/L	111%	56 - 145	6012067	01/16/06 17:30
Benzene	50.0	60.4		ug/L	121%	79 - 123	6012067	01/16/06 17:30
Ethyl tert-Butyl Ether	50.0	55.2		ug/L	110%	64 - 141	6012067	01/16/06 17:30
Diisopropyl Ether	50.0	60.6		ug/L	121%	73 - 135	6012067	01/16/06 17:30
Ethylbenzene	50.0	56.9		ug/L	114%	79 - 125	6012067	01/16/06 17:30
Methyl tert-Butyl Ether	50.0	57.2		ug/L	114%	66 - 142	6012067	01/16/06 17:30
Toluene	50.0	59.9		ug/L	120%	78 - 122	6012067	01/16/06 17:30
Tertiary Butyl Alcohol	500	663		ug/L	133%	42 - 154	6012067	01/16/06 17:30
Xylenes, total	150	170		ug/L	113%	79 - 130	6012067	01/16/06 17:30
Surrogate: 1,2-Dichloroethane-d4	50.0	50.6			101%	70 - 130	6012067	01/16/06 17:30
Surrogate: Dibromofluoromethane	50.0	50.7			101%	79 - 122	6012067	01/16/06 17:30
Surrogate: Toluene-d8	50.0	55.3			111%	78 - 121	6012067	01/16/06 17:30
Surrogate: 4-Bromofluorobenzene	50.0	55.9			112%	78 - 126	6012067	01/16/06 17:30
6013042-BS1								
Tert-Amyl Methyl Ether	50.0	41.7		ug/L	83%	56 - 145	6013042	01/18/06 12:00
Ethyl tert-Butyl Ether	50.0	42.2		ug/L	84%	64 - 141	6013042	01/18/06 12:00
Diisopropyl Ether	50.0	44.8		ug/L	90%	73 - 135	6013042	01/18/06 12:00
Methyl tert-Butyl Ether	50.0	42.5		ug/L	85%	66 - 142	6013042	01/18/06 12:00
Tertiary Butyl Alcohol	500	424		ug/L	85%	42 - 154	6013042	01/18/06 12:00
Extractable Petroleum Hydrocarbons								
6011682-BS1								
Diesel	1000	769	MNR1	ug/L	77%	49 - 118	6011682	01/12/06 16:56
Surrogate: o-Terphenyl	20.0	18.3	MNR1		92%	55 - 150	6011682	01/12/06 16:56
Purgeable Petroleum Hydrocarbons								
6012067-BS1								
Gasoline Range Organics	3050	3040		ug/L	100%	67 - 130	6012067	01/16/06 17:30
Surrogate: 1,2-Dichloroethane-d4	50.0	50.6			101%	70 - 130	6012067	01/16/06 17:30
Surrogate: Dibromofluoromethane	50.0	50.7			101%	70 - 130	6012067	01/16/06 17:30
Surrogate: Toluene-d8	50.0	55.3			111%	70 - 130	6012067	01/16/06 17:30
Surrogate: 4-Bromofluorobenzene	50.0	55.9			112%	70 - 130	6012067	01/16/06 17:30

TestAmerica
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Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPA1006
	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

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										
6012067-MS1										
Tert-Amyl Methyl Ether	107	171		ug/L	50.0	128%	45 - 155	6012067	NPA1122-02	01/16/06 16:01
Benzene	ND	68.9	M7	ug/L	50.0	138%	71 - 137	6012067	NPA1122-02	01/16/06 16:01
Ethyl tert-Butyl Ether	4.50	66.2		ug/L	50.0	123%	57 - 148	6012067	NPA1122-02	01/16/06 16:01
Diisopropyl Ether	ND	68.0		ug/L	50.0	136%	67 - 143	6012067	NPA1122-02	01/16/06 16:01
Ethylbenzene	ND	60.9		ug/L	50.0	122%	72 - 139	6012067	NPA1122-02	01/16/06 16:01
Methyl tert-Butyl Ether	1.00E9	6200	MHA	ug/L	50.0	2000000000%	55 - 152	6012067	NPA1122-02	01/16/06 16:01
Toluene	ND	63.0		ug/L	50.0	126%	73 - 133	6012067	NPA1122-02	01/16/06 16:01
Tertiary Butyl Alcohol	1360	2340	MHA	ug/L	500	196%	19 - 183	6012067	NPA1122-02	01/16/06 16:01
Xylenes, total	ND	180		ug/L	150	120%	70 - 143	6012067	NPA1122-02	01/16/06 16:01
Surrogate: 1,2-Dichloroethane-d4		51.8		ug/L	50.0	104%	70 - 130	6012067	NPA1122-02	01/16/06 16:01
Surrogate: Dibromofluoromethane		51.2		ug/L	50.0	102%	79 - 122	6012067	NPA1122-02	01/16/06 16:01
Surrogate: Toluene-d8		53.1		ug/L	50.0	106%	78 - 121	6012067	NPA1122-02	01/16/06 16:01
Surrogate: 4-Bromofluorobenzene		55.6		ug/L	50.0	111%	78 - 126	6012067	NPA1122-02	01/16/06 16:01
Purgeable Petroleum Hydrocarbons										
6012067-MS1										
Gasoline Range Organics	18700	21200		ug/L	3050	82%	60 - 140	6012067	NPA1122-02	01/16/06 16:01
Surrogate: 1,2-Dichloroethane-d4		51.8		ug/L	50.0	104%	0 - 200	6012067	NPA1122-02	01/16/06 16:01
Surrogate: Dibromofluoromethane		51.2		ug/L	50.0	102%	0 - 200	6012067	NPA1122-02	01/16/06 16:01
Surrogate: Toluene-d8		53.1		ug/L	50.0	106%	0 - 200	6012067	NPA1122-02	01/16/06 16:01
Surrogate: 4-Bromofluorobenzene		55.6		ug/L	50.0	111%	0 - 200	6012067	NPA1122-02	01/16/06 16:01

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

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												
6012067-MSD1												
Tert-Amyl Methyl Ether	107	168		ug/L	50.0	122%	45 - 155	2	24	6012067	NPA1122-02	01/16/06 16:23
Benzene	ND	69.1	M7	ug/L	50.0	138%	71 - 137	0.3	23	6012067	NPA1122-02	01/16/06 16:23
Ethyl tert-Butyl Ether	4.50	69.5		ug/L	50.0	130%	57 - 148	5	22	6012067	NPA1122-02	01/16/06 16:23
Diisopropyl Ether	ND	68.5		ug/L	50.0	137%	67 - 143	0.7	22	6012067	NPA1122-02	01/16/06 16:23
Ethylbenzene	ND	62.6		ug/L	50.0	125%	72 - 139	3	23	6012067	NPA1122-02	01/16/06 16:23
Methyl tert-Butyl Ether	1.00E9	6030	MHA	ug/L	50.0	0000000	55 - 152	3	27	6012067	NPA1122-02	01/16/06 16:23
Toluene	ND	66.0		ug/L	50.0	132%	73 - 133	5	25	6012067	NPA1122-02	01/16/06 16:23
Tertiary Butyl Alcohol	1360	2540	MHA	ug/L	500	236%	19 - 183	8	39	6012067	NPA1122-02	01/16/06 16:23
Xylenes, total	ND	191		ug/L	150	127%	70 - 143	6	27	6012067	NPA1122-02	01/16/06 16:23
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/L	50.0	101%	70 - 130			6012067	NPA1122-02	01/16/06 16:23
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	79 - 122			6012067	NPA1122-02	01/16/06 16:23
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	78 - 121			6012067	NPA1122-02	01/16/06 16:23
Surrogate: 4-Bromofluorobenzene		56.8		ug/L	50.0	114%	78 - 126			6012067	NPA1122-02	01/16/06 16:23
Purgeable Petroleum Hydrocarbons												
6012067-MSD1												
Gasoline Range Organics	18700	20500	M8	ug/L	3050	59%	60 - 140	3	40	6012067	NPA1122-02	01/16/06 16:23
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/L	50.0	101%	0 - 200			6012067	NPA1122-02	01/16/06 16:23
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	0 - 200			6012067	NPA1122-02	01/16/06 16:23
Surrogate: Toluene-d8		53.7		ug/L	50.0	107%	0 - 200			6012067	NPA1122-02	01/16/06 16:23
Surrogate: 4-Bromofluorobenzene		56.8		ug/L	50.0	114%	0 - 200			6012067	NPA1122-02	01/16/06 16:23

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Attn	Vera Fischer	Received:	01/11/06 07:50

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8015B	Water			
SW846 8260B	Water	N/A	X	X

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NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
SW846 8015B	Water	Diesel
SW846 8260B	Water	Diisopropyl Ether
		Gasoline Range Organics

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	175 Bernal Rd., Suite 200	Project Name:	11989 Dublin Blvd, Dublin, CA
	San Jose, CA 95119	Project Number:	98995328
Attn	Vera Fischer	Received:	01/11/06 07:50

DATA QUALIFIERS AND DEFINITIONS

ID2 Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

M8 The MS and/or MSD were below the acceptance limits. 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).

MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

NPA1006

COOLER RECEIPT FORM

BC#

Client Name : Delta Env.

Cooler Received/Opened On: 1/11/06 **Accessioned By:** James D. Jacobs

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.4 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES....NO....NA
   a. If yes, how many and where: 1 Front
3. Were custody seals on containers?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES....NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES....NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Ziplock baggies Paper Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here_____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:
    4424
    Fed-Ex UPS Velocity DHL Route Off-street Misc.
19. If a Non-Conformance exists, see attached or comments below:

BIS = Broken in shipment

LAB: Test America STL Other TA

SHELL Chain Of Custody Record

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

Shell Project Manager to be invoiced:
- ☑ ENVIRONMENTAL SERVICES — **Denis Brown** 13653
- ☐ TECHNICAL SERVICES
- ☐ CRMT HOUSTON
- ☐ NOT FOR ENV. REMEDIATION - NO ETIM - SEND PAPER INVOICE

INCIDENT NUMBER (ES ONLY): 98995328

SAP or CRMT NUMBER (TS/CRMT):

DATE: 1/6/06

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 (Responsible Party or Designee):	PHONE NO.:	E-MAIL:	CONSULTANT PROJECT NO.:
1680 Rogers Avenue, San Jose, CA 95112	Vera Fischer, Delta, Rancho Cordova Office	(408) 224-4724	vfischer@deltaenv.com	060036-MP1

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

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

SAMPLER NAME(S) (Print): Mike Tol

LAB USE ONLY: NPA1006

01/18/06 17:00

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

☐ 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

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

TEMPERATURE ON RECEIPT C°: 2.4°C

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015m)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Field Notes
	MW-2	1/6/06	1010	W	3	X		X	X										NPA1006-01
	MW-3	"	0950	"	3	X		X	X										-02
	MW-4	"	0925	"	3	X		X	X										-03
	MW-5	"	0855	"	5	X	X	X	X										-04

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Sample Custodian	1/6/06	1115
Sample Custodian	S.A.	1/9/06	9:15
		1-9-06	09:50
1-9-06 10:40		1/11/06	250

Yellow and Pink to Cl...

Q&Q Graphic (714) 895-9702

WELLHEAD INSPECTION CHECKLIST

Date 1/6/06 Client Shell

Site Address 11989 Dublin Blvd., Dublin

Job Number 060106-MT1 Technician MT

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-2	✓							
MW-3	✓							
MW-4	✓							
MW-5	✓							

NOTES:

WELLHEAD INSPECTION CHECKLIST

Date 01/03/06 Client Shell

Site Address 11989 Dublin Blvd, Dublin

Job Number ~~951~~ 060103-WC-1 Technician WH

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-5						X		

NOTES:

WELL GAUGING DATA

Project # 060106-LTI Date 1/6/06 Client 98995328

Site 11939 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					19.94	32.52		
MW-3	4					19.40	32.68		
MW-4	2					22.55	35.10		
MW-5	2					22.77	32.90		

SHELL WELL MONITORING DATA SHEET

BTS #: 060106-MT	Site: 98995328
Sampler: MT	Date: 1/6/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.52	Depth to Water (DTW): 18.94
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]: 21.66	

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:_____

8.8 (Gals.) X	3	= 26.4 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1000	67.2	6.4	884	19	8.8	DTW
1003	69.0	6.6	900	12	17.6	"
1006	68.9	6.6	901	10	26.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 26.4

Sampling Date: 1/6/06 Sampling Time: 1010 Depth to Water: 21.50

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

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

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 #: 060106-MT1	Site: 98995328
Sampler: MT	Date: 1/6/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.68	Depth to Water (DTW): 19.40
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]: 22.06	

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: ____

8.6 (Gals.) X 3 = 25.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0940	103.9	7.1	1599	42	8.6	
0943	104.2	7.0	1688	77	17.2	
0946	104.1	7.0	1700	90	25.8	

Did well dewater? Yes (No) Gallons actually evacuated: 25.8

Sampling Date: 1/6/06 Sampling Time: 0950 Depth to Water: 21.92

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

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

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 #: 060106-MT	Site: 98995328
Sampler: MT	Date: 1/6/06
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 35.10	Depth to Water (DTW): 22.55
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]: 25.06	

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 (Gals.) X 3 = 6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0912	63.9	7.1	1620	>1000	2	
0915	63.4	6.9	1663	726	4	
0919	63.5	6.9	1650	312	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Date: 1/6/06 Sampling Time: 0925 Depth to Water: 24.96

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

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

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 #: 060106-MT	Site: 98995328
Sampler: MT	Date: 1/6/06
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 32.90	Depth to Water (DTW): 22.77
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]: 24.80	

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:_____

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0847	64.3	7.0	1580	>1000	1.6	
0849	65.0	6.9	1677	>1000	3.2	
0852	65.2	6.9	1690	>1000	4.8	

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 1/6/06 Sampling Time: 0855 Depth to Water: 24.00

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

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

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

WELL GAUGING DATA

Project # 060103-WC-1 Date 01/03/06 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~~ TOB	Final DTB
MW-5	2					22.95	31.90	TOC	31.97

WELL DEVELOPMENT DATA SHEET

Project #: 060103-wx-1	Client: Shell
Developer: WX	Date Developed: 01/03/06
Well I.D. MW-5	Well Diameter: (circle one) ~~2~~ 3 4 6
Total Well Depth: Before 31.90 After 31.97	Depth to Water: Before 22.95 After 23.48
Reason not developed:	If Free Product, thickness:
Additional Notations: Swabbed well w/ 2" Surge block for 10 min prior to PURGE.	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.4	X	10	=	14
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump
Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0746	66.8	7.2	1293	> 1000	1.4	thick dark Brown / very silty
0748	66.0	7.1	1315	> 1000	2.8	Heavy bottom debris odor / dark
0751	66.1	7.1	1281	> 1000	4.2	very silty / dark Brown
0753	66.0	7.1	1250	> 1000	5.6	" " / " "
0755	66.4	7.1	1276	> 1000	7.0	color of Chocolate Milk, very silty
0756	66.7	7.1	1348	> 1000	8.4	dark Brown / very silty
0800	66.6	7.1	1287	> 1000	9.8	lighter dark Brown / silty
0802	66.7	7.1	1253	> 1000	11.2	Brown / silty
0805	66.8	7.1	1241	> 1000	12.6	" / "
0807	66.7	7.1	1227	> 1000	14.0	" / "

Did Well Dewater? NO	If yes, note above.	Gallons Actually Evacuated:	14