



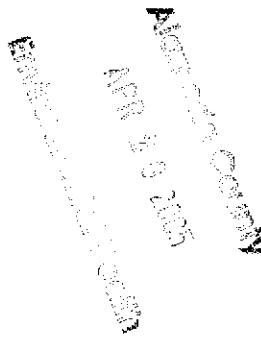
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April 15, 2005
Project No. SJ11-989-1.2005

Mr. Bob Schultz
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 2005**
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, California

Dear Mr. Schultz:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following first quarter 2005 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 26, 2005. Depth to groundwater was measured in Wells MW-1 through MW-4. Groundwater elevation data and contours are presented on Figure 2.

Groundwater samples were collected from Wells MW-1 through MW-4. Samples were submitted by Blaine to Severn Trent Laboratories, Inc. (STL) in Pleasanton, California for analysis for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds); methyl tert butyl ether (MTBE). The groundwater samples from Wells MW-2 through MW-4 were also analyzed for 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.

A member of:



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 Well MW-1 has decreased by 0.23 feet since last quarter, while the depth to water in Wells MW-2 and MW-3 has decreased by an average of 2.93 feet. The depth to water in Well MW-4 has decreased by 2.01 feet since it's last gauging event in second quarter 2004. The groundwater gradient on January 26, 2005 was toward the east at a magnitude of 0.13 feet/feet, consistent with previous data.

MTBE continues to be detected in Wells MW-2 and MW-3 at 1,700 ug/l and 20 ug/l, respectively. MTBE concentrations remain within historic fluctuations. TBA concentrations in Wells MW-2 and MW-3 have reached historic highs of 16,000 ug/l and 820 ug/l, respectively, while the TBA concentration in Well MW-4 continues to decrease from a historic maximum of 11,000 ug/l to 3,700 ug/l currently. TPH-G was detected in Wells MW-2 through MW-3 at concentrations of 6,600 ug/l and 1,000 ug/l, respectively. BTEX compounds were detected in Wells MW-2 and MW-3. Benzene was detected in Wells MW-2 and MW-3 at 94 ug/l and 0.53 ug/l, respectively. Well MW-1 remains below laboratory detection limits for all analytes tested. Fuel oxygenates DIPE, ETBE, and TAME remain below laboratory detection limits in all wells.

Delta submitted a work plan to the Alameda County Health Care Services Agency (ACHCSA) dated February 28, 2005 for additional down-gradient assessment of the MTBE and TBA groundwater plume. Delta and Shell are waiting for approval of the work plan.

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.

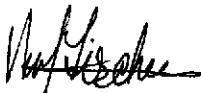
April 15, 2005

Page 3

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

Sincerely,

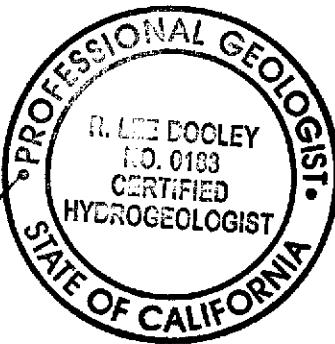
Delta Environmental Consultants, Inc.



Vera Fischer
Senior Staff Geologist



R. Lee Dooley
Senior Hydrogeologist
CHG 0183



Attachments: Figure 1 – Site Location Map
Figure 2 – Groundwater Elevation Contour Map, January 26, 2005
Figure 3 – Benzene, MTBE, and TBA Concentrations Map, January 26, 2005
Attachment A – Groundwater Monitoring and Sampling Report, February 28, 2005

cc: Denis Brown, Shell Oil Products US, Carson



GENERAL NOTES:

Base Map from: DeLorme Yarmouth, ME 04096

Source Data: USGS

Legend

- Domestic Well
- Irrigation Well
- ∅ Destroyed/Abandoned Well

0 1,800 3,600
Scale, Feet



North

FIGURE 1
SITE LOCATION MAP

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

PROJECT NO.	DRAWN BY
SJ11-989-1.2005	VF 10/22/03
FILE NO.	PREPARED BY
SJ11-989-1.2005	VF
REVISION NO.	REVIEWED BY

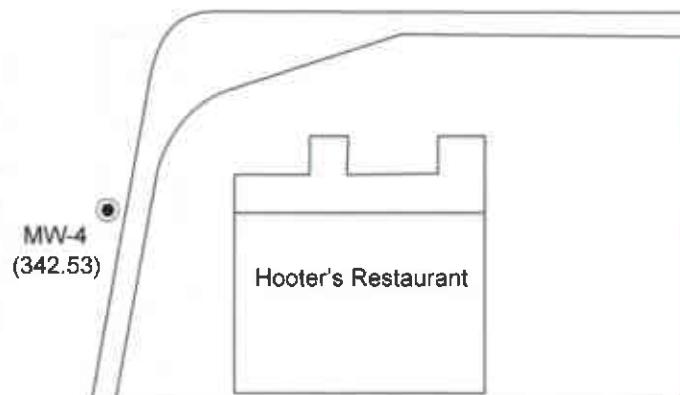
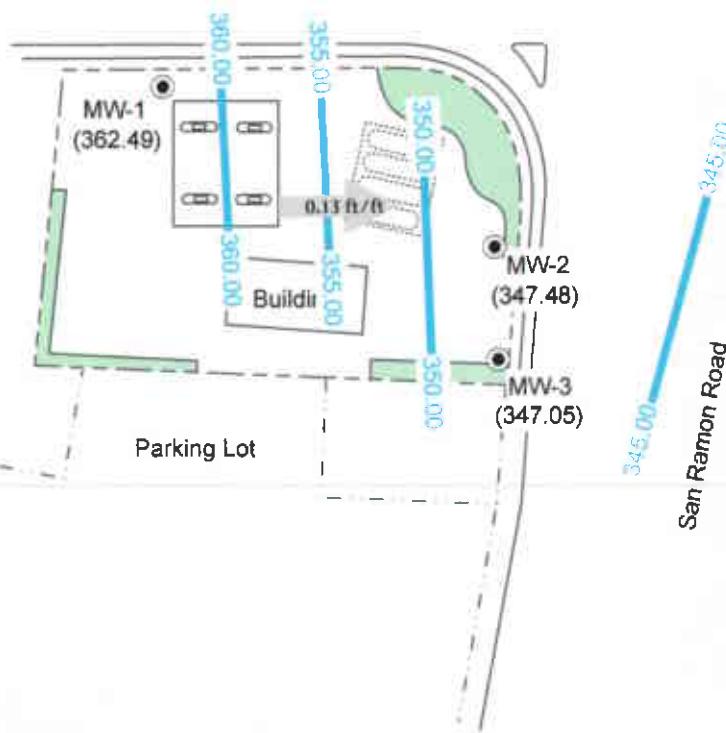


North

Petsmart

Chevron Service Station
7007 San Ramon Road

Dublin Boulevard



LEGEND

- MW-1 ● GROUNDWATER MONITORING WELL
(342.52) GROUNDWATER ELEVATION (FEET-MSL),
1/26/05
342.00 — GROUNDWATER ELEVATION CONTOUR
0.13 ft./ft. APPROXIMATE GROUNDWATER FLOW
DIRECTION AND GRADIENT



FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP,
JANUARY 26, 2005
SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin, California

PROJECT NO. SJ11-989-1-2005	DRAWN BY V.F. 2/11/05
FILE NO. SJ11-989-1-2005	PREPARED BY V.F.
REVISION NO. 2	REVIEWED BY

North

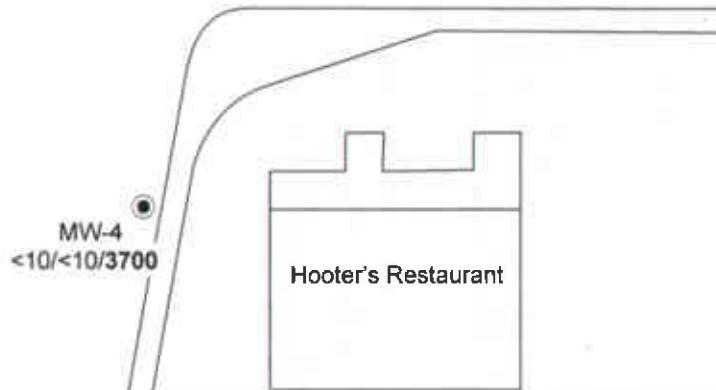
Petsmart

Chevron Service Station
7007 San Ramon Road

Dublin Boulevard



San Ramon Road



LEGEND

- MW-1 ● GROUNDWATER MONITORING WELL
<0.50/<0.50/3,700 BENZENE/MTBE/TBA
CONCENTRATIONS (UG/L), 1/26/05
NA NOT ANALYZED

0 80 FT
APPROX. SCALE

FIGURE 3
BENZENE, MTBE, AND TBA CONCENTRATIONS MAP,
JANUARY 26, 2005

SHELL-BRANDED SERVICE STATION
11989 Dublin Boulevard
Dublin, California

PROJECT NO. SJ11-989-1.2005	DRAWN BY V. F. 2/11/05
FILE NO. SJ11-989-1.2005	PREPARED BY V. F.
REVISION NO. 2	REVIEWED BY

Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

BLAINE
TECH SERVICES INC

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

February 28, 2005

Karen Petryna
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

First Quarter 2005 Groundwater Monitoring at
Shell-branded Service Station
11989 Dublin Boulevard
Dublin, CA

Monitoring performed on January 26, 2005

Groundwater Monitoring Report 050126-SS-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.

SAN JOSE

1680 ROGERS AVENUE SAN JOSE, CA 95112-1106

SACRAMENTO

(408) 573-0656

LOS ANGELES

FAX (408) 573-7771 LIC. 746584

SAN DIEGO

www.blainetech.com

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,

Leon Gearhart
Project Coordinator

LG/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)
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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-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	15,000a	NA	NA	NA	NA	NA	365.43	19.17	346.26	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	MTBE 8260	DIPE	ETBE	TAME	TBA	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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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	1700	<50	<50	<50	16,000	NA	365.43	17.95	347.48	NA

MW-3	07/20/1999	208	177	4.69	<0.500	<0.500	<0.500	664	NA	NA	NA	NA	NA	NA	364.97	24.23	340.74	NA
MW-3	10/25/1999	378	182	9.49	<0.500	<0.500	<0.500	1,410	NA	NA	NA	NA	NA	NA	364.97	23.26	341.71	NA
MW-3	01/27/2000	428	100	29.4	<0.500	<0.500	<0.500	941	NA	NA	NA	NA	NA	NA	364.97	19.53	345.44	NA
MW-3	04/03/2000	<125	NA	11.4	<1.25	<1.25	<1.25	639	NA	NA	NA	NA	NA	NA	364.97	19.13	345.84	1.4/1.9
MW-3	07/27/2000	4,360	NA	78.4	6.95	85.8	2.61	26,600	25,200b	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

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	04/19/2001	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-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	25.63	338.38	NA
MW-4	10/26/2001	<2,000	NA	<20	<20	<20	<20	NA	8,600	NA	NA	NA	NA	NA	364.01	26.32	337.69	4.2/2.7
MW-4	01/11/2002	<2,000	NA	<20	<20	<20	<20	NA	5,100	NA	NA	NA	NA	NA	364.01	26.02	337.99	3.1/2.8
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	22.25	341.76	7.9/3.0
MW-4	07/15/2002	<2,500	NA	<20	<20	<20	<20	NA	7,000	<20	<20	<20	2,000	NA	363.97	23.96	340.05	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	25.18	338.79	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	25.91	338.06	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	22.38	341.59	NA
MW-4	08/27/2003	<1,000	NA	<10	<10	<10	<20	NA	370	<40	<40	<40	11,000	NA	363.97	21.92	342.05	NA
MW-4	10/03/2003	<1,000	NA	<10	<10	<10	<20	NA	190	<40	<40	<40	11,000	NA	363.97	25.31	338.66	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-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	NA	363.97	NA	NA	NA
MW-4	11/01/2004	Well inaccessible	NA	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

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	MTBE 8260	DIPE	ETBE	TAME	TBA	Ethanol	TOC	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.

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.

Blaine Tech Services, Inc.

February 10, 2005

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 050126-SS1

Project: 98995328

Site: 11989 Dublin Boulevard, Dublin

Dear Mr. Gearhart,

Attached is our report for your samples received on 01/27/2005 14:38

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/13/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	01/26/2005 10:15	Water	1
MW-2	01/26/2005 10:25	Water	2
MW-3	01/26/2005 10:30	Water	3
MW-4	01/26/2005 09:24	Water	4

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-1 Lab ID: 2005-01-0769 - 1
Sampled: 01/26/2005 10:15 Extracted: 2/3/2005 20:03
Matrix: Water QC Batch#: 2005/02/03-2B.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	02/03/2005 20:03	
Benzene	ND	0.50	ug/L	1.00	02/03/2005 20:03	
Toluene	ND	0.50	ug/L	1.00	02/03/2005 20:03	
Ethylbenzene	ND	0.50	ug/L	1.00	02/03/2005 20:03	
Total xylenes	ND	1.0	ug/L	1.00	02/03/2005 20:03	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/03/2005 20:03	
Surrogate(s)						
1,2-Dichloroethane-d4	91.6	73-130	%	1.00	02/03/2005 20:03	
Toluene-d8	103.5	81-114	%	1.00	02/03/2005 20:03	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW-2

Lab ID: 2005-01-0769 - 2

Sampled: 01/26/2005 10:25

Extracted: 2/4/2005 00:44

Matrix: Water

QC Batch#: 2005/02/03-2A.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	6600	1300	ug/L	25.00	02/04/2005 00:44	
Benzene	94	13	ug/L	25.00	02/04/2005 00:44	
Toluene	ND	13	ug/L	25.00	02/04/2005 00:44	
Ethylbenzene	ND	13	ug/L	25.00	02/04/2005 00:44	
Total xylenes	ND	25	ug/L	25.00	02/04/2005 00:44	
tert-Butyl alcohol (TBA)	16000	130	ug/L	25.00	02/04/2005 00:44	
Methyl tert-butyl ether (MTBE)	1700	13	ug/L	25.00	02/04/2005 00:44	
Di-isopropyl Ether (DIPE)	ND	50	ug/L	25.00	02/04/2005 00:44	
Ethyl tert-butyl ether (ETBE)	ND	50	ug/L	25.00	02/04/2005 00:44	
tert-Amyl methyl ether (TAME)	ND	50	ug/L	25.00	02/04/2005 00:44	
Surrogate(s)						
1,2-Dichloroethane-d4	107.9	73-130	%	25.00	02/04/2005 00:44	
Toluene-d8	99.0	81-114	%	25.00	02/04/2005 00:44	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW-3

Lab ID: 2005-01-0769 - 3

Sampled: 01/26/2005 10:30

Extracted: 2/4/2005 01:03

Matrix: Water

QC Batch#: 2005/02/03-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	1000	50	ug/L	1.00	02/04/2005 01:03	
Benzene	0.53	0.50	ug/L	1.00	02/04/2005 01:03	
Toluene	ND	0.50	ug/L	1.00	02/04/2005 01:03	
Ethylbenzene	ND	0.50	ug/L	1.00	02/04/2005 01:03	
Total xylenes	ND	1.0	ug/L	1.00	02/04/2005 01:03	
tert-Butyl alcohol (TBA)	820	5.0	ug/L	1.00	02/04/2005 01:03	
Methyl tert-butyl ether (MTBE)	20	0.50	ug/L	1.00	02/04/2005 01:03	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/04/2005 01:03	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/04/2005 01:03	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/04/2005 01:03	
Surrogate(s)						
1,2-Dichloroethane-d4	111.4	73-130	%	1.00	02/04/2005 01:03	
Toluene-d8	102.9	81-114	%	1.00	02/04/2005 01:03	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-4 Lab ID: 2005-01-0769 - 4
Sampled: 01/26/2005 09:24 Extracted: 2/4/2005 01:22
Matrix: Water QC Batch#: 2005/02/03-2A.69
Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	1200	1000	ug/L	20.00	02/04/2005 01:22	Q1
Benzene	ND	10	ug/L	20.00	02/04/2005 01:22	
Toluene	ND	10	ug/L	20.00	02/04/2005 01:22	
Ethylbenzene	ND	10	ug/L	20.00	02/04/2005 01:22	
Total xylenes	ND	20	ug/L	20.00	02/04/2005 01:22	
tert-Butyl alcohol (TBA)	3700	100	ug/L	20.00	02/04/2005 01:22	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	20.00	02/04/2005 01:22	
Di-isopropyl Ether (DIPE)	ND	40	ug/L	20.00	02/04/2005 01:22	
Ethyl tert-butyl ether (ETBE)	ND	40	ug/L	20.00	02/04/2005 01:22	
tert-Amyl methyl ether (TAME)	ND	40	ug/L	20.00	02/04/2005 01:22	
Surrogate(s)						
1,2-Dichloroethane-d4	111.0	73-130	%	20.00	02/04/2005 01:22	
Toluene-d8	94.9	81-114	%	20.00	02/04/2005 01:22	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

QC Batch # 2005/02/03-2A.69

MB: 2005/02/03-2A.69-006

Water

Date Extracted: 02/03/2005 19:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/03/2005 19:06	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/03/2005 19:06	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/03/2005 19:06	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/03/2005 19:06	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/03/2005 19:06	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/03/2005 19:06	
Benzene	ND	0.5	ug/L	02/03/2005 19:06	
Toluene	ND	0.5	ug/L	02/03/2005 19:06	
Ethylbenzene	ND	0.5	ug/L	02/03/2005 19:06	
Total xylenes	ND	1.0	ug/L	02/03/2005 19:06	
Surrogates(s)					
1,2-Dichloroethane-d4	104.0	73-130	%	02/03/2005 19:06	
Toluene-d8	94.4	81-114	%	02/03/2005 19:06	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/02/03-2B.65

MB: 2005/02/03-2B.65-007

Date Extracted: 02/03/2005 19:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/03/2005 19:07	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/03/2005 19:07	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/03/2005 19:07	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/03/2005 19:07	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/03/2005 19:07	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/03/2005 19:07	
Benzene	ND	0.5	ug/L	02/03/2005 19:07	
Toluene	ND	0.5	ug/L	02/03/2005 19:07	
Ethylbenzene	ND	0.5	ug/L	02/03/2005 19:07	
Total xylenes	ND	1.0	ug/L	02/03/2005 19:07	
Surrogates(s)					
1,2-Dichloroethane-d4	90.0	73-130	%	02/03/2005 19:07	
Toluene-d8	100.0	81-114	%	02/03/2005 19:07	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/02/03-2A.69**

LCS 2005/02/03-2A.69-048

Extracted: 02/03/2005

Analyzed: 02/03/2005 18:48

LCSD Water

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags		
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.2		25	100.8			65-165	20			
Benzene	20.6		25	82.4			69-129	20			
Toluene	21.2		25	84.8			70-130	20			
Surrogates(s)											
1,2-Dichloroethane-d4	477		500	95.4			73-130				
Toluene-d8	481		500	96.2			81-114				

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/02/03-2B.65**

LCS 2005/02/03-2B.65-043

Extracted: 02/03/2005

Analyzed: 02/03/2005 18:43

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.2		25	88.8			65-165	20		
Benzene	25.1		25	100.4			69-129	20		
Toluene	24.9		25	99.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	377		500	75.4			73-130			
Toluene-d8	491		500	98.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)**Water****QC Batch # 2005/02/03-2A.69**

MS/MSD

Lab ID: 2005-02-0007 - 001

MS: 2005/02/03-2A.69-059

Extracted: 02/03/2005

Analyzed: 02/03/2005 20:59

MSD: 2005/02/03-2A.69-018

Extracted: 02/03/2005

Dilution: 1.00

Analyzed: 02/03/2005 21:18

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	237	227	208	25	116.0	76.0	41.7	65-165	20		R1
Benzene	56.1	58.5	35.4	25	82.8	92.4	11.0	69-129	20		
Toluene	28.7	27.8	2.12	25	106.3	102.7	3.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	483	478		500	96.6	95.6		73-130			
Toluene-d8	544	513		500	108.8	102.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/02/03-2B.65

MW-1 >> MS

Lab ID: 2005-01-0769 - 001

MS: 2005/02/03-2B.65-029

Extracted: 02/03/2005

Analyzed: 02/03/2005 20:29

MSD: 2005/02/03-2B.65-054

Extracted: 02/03/2005

Dilution: 1.00

Analyzed: 02/03/2005 20:54

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	34.5	37.1	ND	25	138.0	148.4	7.3	65-165	20		
Benzene	36.8	36.5	ND	25	147.2	146.0	0.8	69-129	20	M4	M4
Toluene	36.4	35.2	ND	25	145.6	140.8	3.4	70-130	20	M4	M4
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	401	395		500	80.2	79.0		73-130			
Toluene-d8	515	509		500	103.0	101.8		81-114			

Severn Trent Laboratories, Inc.

02/10/2005 10:26

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue

San Jose, CA 95112-1105

Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 050126-SS1
98995328

Received: 01/27/2005 14:38

Site: 11989 Dublin Boulevard, Dublin

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present
in the sample.

Result Flag

M4

MS/MSD spike recoveries were above acceptance limits.
See blank spike (LCS).

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

R1

Analyte RPD was out of QC limits.

LAB: S1

SHELL Chain Of Custody Record

97823

Lab Information (if necessary)

• 1960-61

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Shell Project Manager to be invoiced:		INCIDENT NUMBER (S&E ONLY)							
<input checked="" type="checkbox"/> SCIENCE & ENGINEERING	Karen Petryna	9	8	9	9	5	3	2	8
<input type="checkbox"/> TECHNICAL SERVICES		SAP or CRMT NUMBER (TSCRMT)							
<input type="checkbox"/> CRMT HOUSTON	2005-01-0769								
DATE: 1/26/05									
PAGE: 1 of 1									

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SITE INSPECTION CHECKLIST

Client Shell Date 1/26/05
Site Address 11989 Dublin Blvd., Dublin
Job Number 050126-MG1 Technician MG
Site Status Shell Branded Station Vacant Lot Other

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

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

PROJECT COORDINATOR ONLY

Checklist Reviewed 66 1/27/05 **Notes**
Initials/Date

REPAIR DATA SHEET

Page 1 of 1Client ShellDate 1/26/05Site Address 11989 Dublin Blvd., DublinJob Number 050126-MG1Technician MG

Repair Location <u>MW-3</u>	Repair Location <u>BW-7</u>
Deficiencies Corrected <u>Both tabs stripped Helicoiled both tabs + added 2 new bolts.</u>	Deficiencies Corrected <u>No bolts. Helicoiled all 4 tabs + added 4 new bolts.</u>
Materials Used <u>2 helicoils, 2 bolts</u>	Materials Used <u>4 helicoils, 4 bolts</u>

Repair Location _____	Repair Location _____
Deficiencies Corrected _____	Deficiencies Corrected _____
Materials Used _____	Materials Used _____

Repair Location _____	Repair Location _____
Deficiencies Corrected _____	Deficiencies Corrected _____
Materials Used _____	Materials Used _____

WELLHEAD INSPECTION CHECKLIST

Page _____ of _____

Date 26/05 Client stew

Site Address 11981 BUBBON BLVD.

Job Number 050126-551 Technician Sooch

NOTES: _____

REPAIR DATA SHEET

Page 1 of 1

Client Shell Date 1/14/05
Site Address 11989 Dublin Blvd., Dublin
Job Number D50114-0061 Technician MG

<p>Repair Location <u>MW-4</u></p> <p>Deficiencies Corrected <u>Well paved over. Replaced w/ new wellbox + 5 bags concrete.</u></p> <p>Materials Used <u>1 W.B., 5 bags concrete</u></p>	<p>Repair Location _____</p> <p>Deficiencies Corrected _____ _____ _____ _____</p> <p>Materials Used _____ _____ _____ _____</p>
<p>Repair Location _____</p> <p>Deficiencies Corrected _____ _____ _____ _____</p> <p>Materials Used _____ _____ _____ _____</p>	<p>Repair Location _____</p> <p>Deficiencies Corrected _____ _____ _____ _____</p> <p>Materials Used _____ _____ _____ _____</p>
<p>Repair Location _____</p> <p>Deficiencies Corrected _____ _____ _____ _____</p> <p>Materials Used _____ _____ _____ _____</p>	<p>Repair Location _____</p> <p>Deficiencies Corrected _____ _____ _____ _____</p> <p>Materials Used _____ _____ _____ _____</p>

WELL GAUGING DATA

Project # 050126-SS1 Date 1/26/05 Client 78995328

Site 11989 DUBLIN Blvd. Dublin

SHELL WELL MONITORING DATA SHEET

BTS #:	050126-551	Site:	98995328
Sampler:	Socett	Date:	1/26/05
Well I.D.:	WV-1	Well Diameter:	2 3 (4) 6 8
Total Well Depth (TD):	19.78	Depth to Water (DTW):	5.50
Depth to Free Product:		Thickness of Free Product (feet):	
Referenced to:	PVC	Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.36			

Purge Method: Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible

Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
942	67.5	7.2	1055	61	9.2	clear
944	68.2	7.3	1057	41	18.4	~
946	68.1	7.3	1053	80	28.0	~

Did well dewater? Yes No Gallons actually evacuated: 28

Sampling Date: 1/26/05 Sampling Time: 1015 Depth to Water: 9.45 + depth

Sample I.D.: WV-1 Laboratory: STL Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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 #:	050126-551	Site:	98995328
Sampler:	Socott	Date:	1/26/05
Well I.D.:	MW-2	Well Diameter:	2 3 (4) 6 8
Total Well Depth (TD):	32.47	Depth to Water (DTW):	17.95
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]: 20.85			

Purge Method: Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible

Water取水方法: Peristaltic
 Extraction Pump
 Other

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other:

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

9.5 (Gals.) X 3 = 28.5 Gals.

1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
955	69.7	7.3	1058	25	9.5	clear/gas odor
957	70.3	7.3	1065	26	19.0	" "
959	70.2	7.3	1063	116	28.5	" "

Did well dewater? Yes No Gallons actually evacuated: 28.5

Sampling Date: 1/26/05 Sampling Time: 1025 Depth to Water: 18.26

Sample I.D.: MW-2 Laboratory: STI Other

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

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 #:	050126-551	Site:	98995328
Sampler:	Scoett	Date:	1/26/05
Well I.D.:	MW-3	Well Diameter:	2 3 (4) 6 8
Total Well Depth (TD):	32.57	Depth to Water (DTW):	17.92
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]: 20.85			

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: _____

$$\frac{9.5 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = 28.5 \text{ Gals.}$$

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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1008	68.2	7.3	1159	32	9.5	clear
1010	68.5	7.4	1188	25	19.0	"
1012	68.5	7.4	1197	36	28.5	"

Did well dewater? Yes No Gallons actually evacuated: 28.5

Sampling Date: 1/26/05 Sampling Time: 1030 Depth to Water: 25.85 @ depth

Sample I.D.: MW-3 Laboratory: STI Other: _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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 #:	050126-551	Site:	96995328
Sampler:	Scoot	Date:	1/26/05
Well I.D.:	MW-4	Well Diameter:	(2) 3 4 6 8
Total Well Depth (TD):	59.00	Depth to Water (DTW):	21.44
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]: 24.95			

Purge Method: Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible

Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

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

2.8 (Gals.) X 3 = 8.4 Gals.
 1 Case Volume Specified Volumes Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or μ S)	Turbidity (NTUs)	Gals. Removed	Observations
913	67.2	7.1	1052	60	3	
916	68.1	7.1	1022	50	6	
919	67.9	7.2	1009	25	8.5	

Did well dewater? Yes No Gallons actually evacuated: 8.5

Sampling Date: 1/26/05 Sampling Time: 924 Depth to Water: 22.66

Sample I.D.: MW-4 Laboratory: STI Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: 097's

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
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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