RECEIVED
By dehloptoxic at 9:04 am, Jan 16, 2007

Shell Oil Products US

January 15, 2007

Re: **Fourth Quarter 2006 Groundwater Monitoring Report**
Shell-Branded Service Station
8999 San Ramon Road
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

January 15, 2007
DELTA Project: SJ89-99S-1.2006
SAP: 135244

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

Re: FOURTH QUARTER 2006 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
8999 San Ramon Road
Dublin, California

DELTA

Dear Mr. Wickham:

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

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

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

Sincerely,
Delta Environmental Consultants, Inc.

Matt Lambert
Staff Scientist

R. Lee Dooley, CHG 0183
Senior Hydrogeologist

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

Attachment: Fourth Quarter 2006 Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson
Carl Cox, C and J Cox Corporation, Pleasanton
Colleen Winey, Zone 7 Water Agency, Livermore

175 BERNAL ROAD SUITE 200 SAN JOSE, CALIFORNIA 95119 USA
PHONE 800.477.7411 / 800.447.7411 FAX 408.225.8506 WWW.DELTAENV.COM

SHELL QUARTERLY STATUS REPORT

Station Address:	8999 San Ramon Road, Dublin, California
DELTA Project No.	SJ89-99S-1
SHELL Project Manager/Phone No.:	Denis Brown (707) 865-0251
DELTA Site Manager/Phone No.:	Lee Dooley (408) 826-1880
Primary Agency/Regulatory ID No.:	ACHCSA/ Jerry Wickham
Other Agencies to Receive Copies:	Zone 7 Water Agency

WORK PERFORMED THIS QUARTER (FOURTH - 2006):

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

WORK PROPOSED FOR NEXT QUARTER (FIRST - 2007):

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

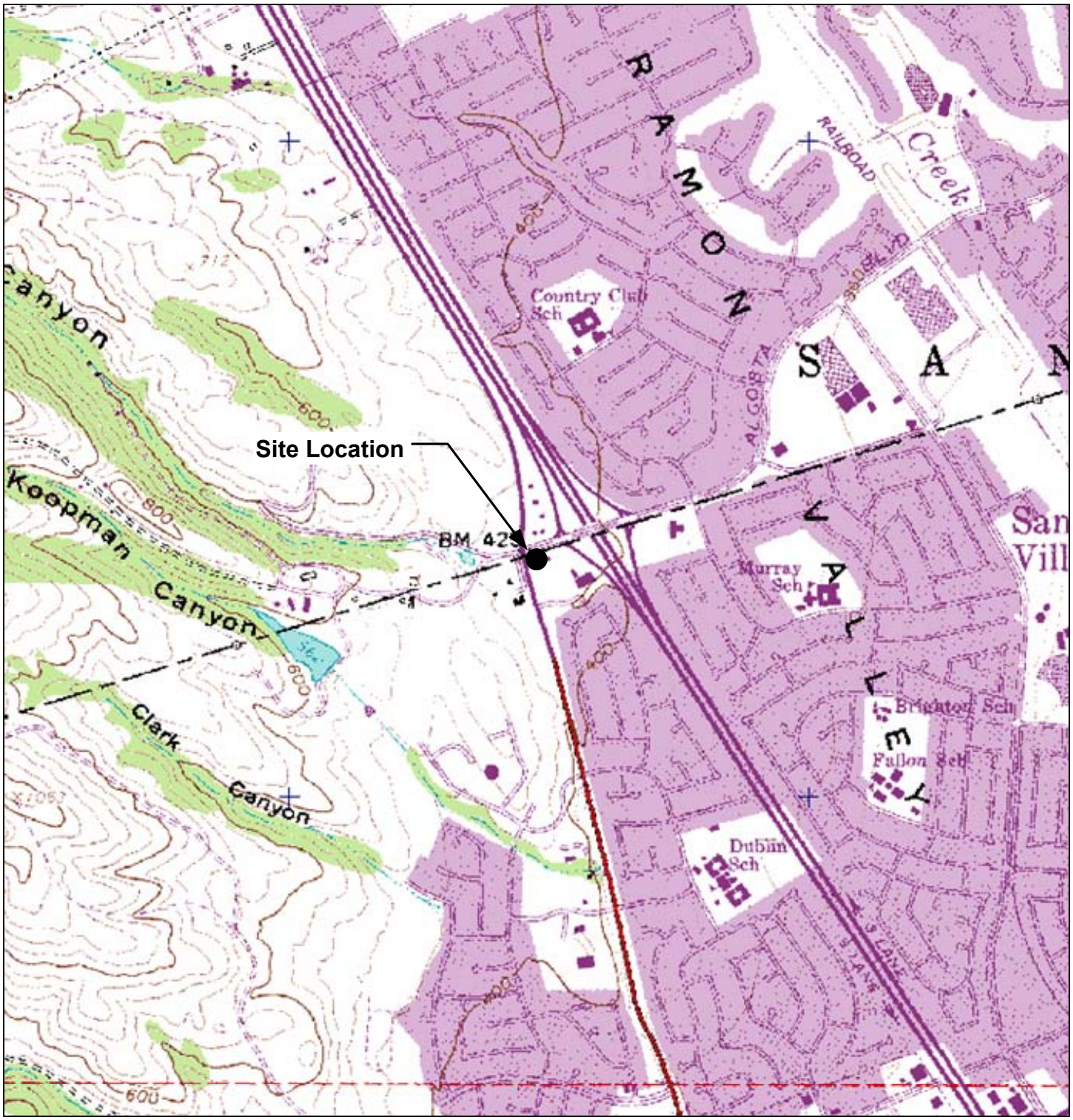
Current Phase of Project:	Site Assessment, Groundwater monitoring
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	NA
Sensitive Receptor(s) and Respective Direction(s):	No municipal water supply wells were identified within a one-mile radius. A domestic drinking water well (25/1W-35L001) is located ~2,300 ft. southwest of the site.
Current Remediation Techniques:	None
Permits for Discharge:	None
Approximate Depth to Groundwater:	Approximately 28 feet below top of well casing
Groundwater Gradient	Southeast @ approximately 0.03 ft/ft, consistent with previous data.
Current Agency Correspondence:	NA
Summary of Unusual Activity:	Most Wells dry, typical of previous November sampling events.

Lee Dooley
Site Manager (DELTA)

ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map, November 2, 2006
- Figure 3 – TPH-G, MTBE, and TBA Concentration Map, November 2, 2006
- Appendix A – Groundwater Monitoring and Sampling Report, December 7, 2006

FIGURES



GENERAL NOTES:

Base Map from: 3-D TopoQuads DeLorme Yarmouth, ME 04096 Source Data: USGS

North

QUADRANGLE LOCATION

0 1,300 2,600

Scale, Feet

FIGURE 1

SITE LOCATION MAP

SHELL-BRANDED SERVICE STATION
8999 San Ramon Road
Dublin, California

PROJECT NO. SJ89-99S-1.2005	DRAWN BY V. F. 12/9/04
FILE NO. SJ89-99S-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.

LEGEND

MW-4 — GROUNDWATER MONITORING WELL

(398.02) — GROUNDWATER ELEVATION (FEET-MSL) – 11/2/06

386.00 — GROUNDWATER ELEVATION CONTOUR

0.03 ft/ft — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT

Dispenser Islands

MW-4
DRY

Landscaping

Kiosk

MW-6
(393.99)

392.00

MW-10
(390.98)

390.00

DRY
MW-3

USTs

DRY
MW-2

392.00

MW-1
DRY

0.03 ft/ft

Car Wash

Shell Station

390.00

388.00

388.00

(386.85)
MW-8

Restaurant and Stores

386.00

MW-11
DRY

MW-7
DRY

MW-5
(388.88)

386.00

MW-9
(384.26)

San Ramon Rd.

North

0 50

APPROX. SCALE (IN FEET)

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP.
NOVEMBER 2,2006

SHELL-BRANDED SERIVCE STATION
8999 San Ramon Road
Dublin, California

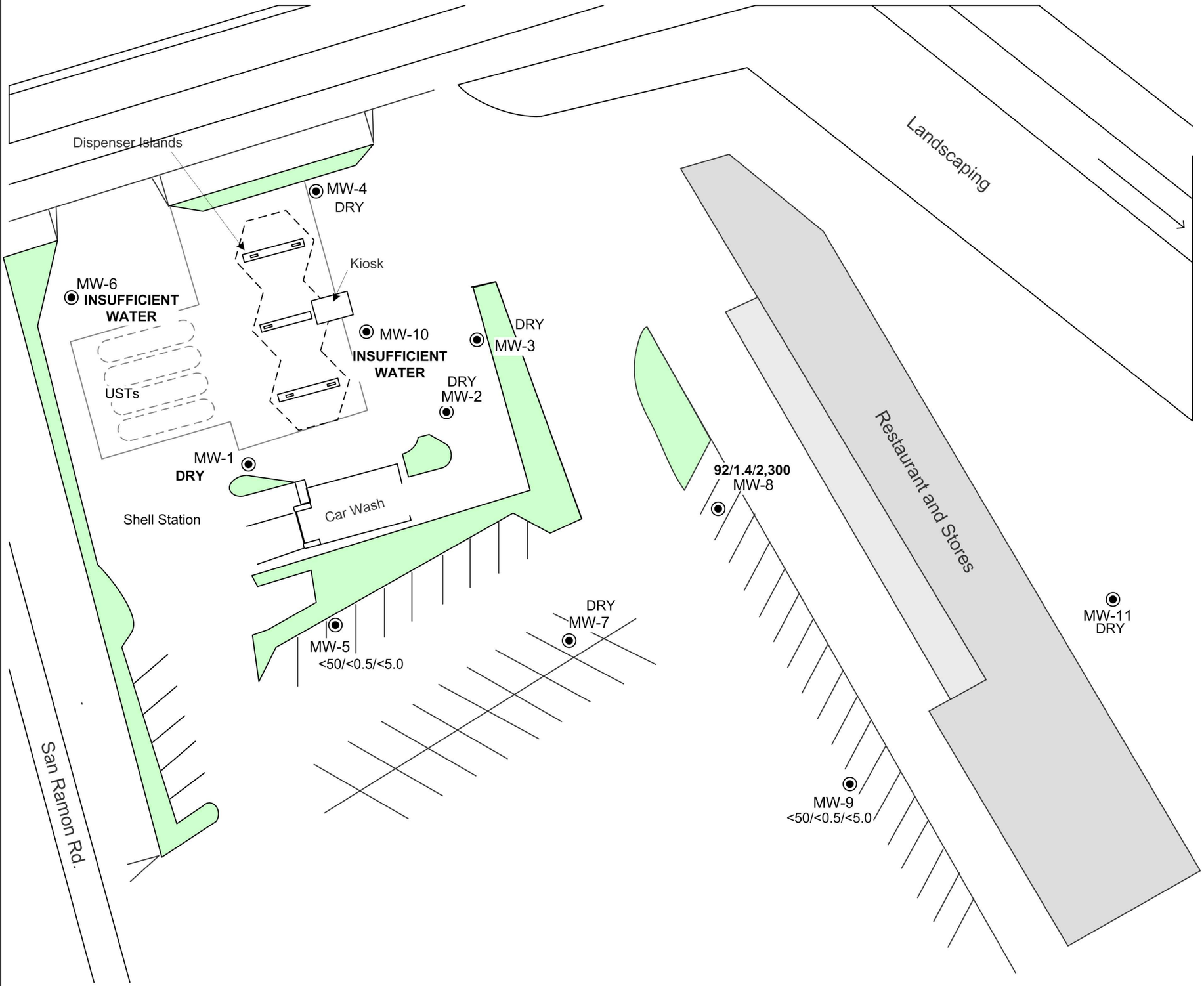
PROJECT NO. SJ89-99S-1.2005	DRAWN BY BH 09/26/06
FILE NO. SJ89-99S-1.2005	PREPARED BY JL
REVISION NO. 2	REVIEWED BY

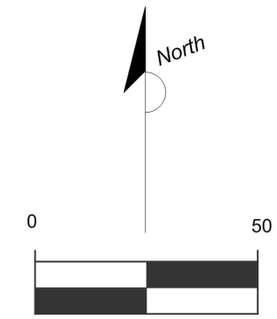
Delta
Environmental Consultants, Inc.

LEGEND

MW-4 ◉ **GROUNDWATER MONITORING WELL**

<50/<0.5/**78.3** **TPH-G/MTBE/TBA CONCENTRATIONS (UG/L), 11/2/06**





APPROX. SCALE (IN FEET)

FIGURE 3

TPH-G, MTBE, AND TBA CONCENTRATION MAP,
NOVEMBER 2, 2006
SHELL-BRANDED SERIVCE STATION
8999 San Ramon Road
Dublin, California

PROJECT NO. SJ89-99S-1.2005	DRAWN BY BH 09/26/06
FILE NO. SJ89-99S-1.2005	PREPARED BY HB
REVISION NO. 2	REVIEWED BY

Delta
Environmental Consultants, Inc.

APPENDIX A

GROUNDWATER MONITORING AND SAMPLING REPORT, DECEMBER 7, 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

December 7, 2006

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

Fourth Quarter 2006 Groundwater Monitoring at
Former Shell Service Station
8999 San Ramon Road
Dublin, CA

Monitoring performed on November 2, 2006

Groundwater Monitoring Report **061102-JD-1**

This report covers the routine monitoring of groundwater wells at this former Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field

personnel are also enrolled in annual eight-hour refresher courses.
Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/ks

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

cc: Lee Dooley
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell Service Station
8999 San Ramon Road
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.93	NA
MW-1	05/19/2005	<5,000	160 a	<50	<50	<50	<100	1,400	<200	<200	<200	57,000	420.06	20.70	399.36
MW-1	08/15/2005	<5,000	<50	<50	<50	<50	<100	360	<200	<200	<200	56,000	420.06	23.98	396.08
MW-1	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	420.06	NA	NA
MW-1	01/30/2006	585	438	<0.500	<0.500	<0.500	<0.500	15.6	<0.500	<0.500	<0.500	115,000	420.06	26.39	393.67
MW-1	05/19/2006	2,940	279 c	<0.500	<0.500	<0.500	<0.500	150	<0.500	0.940	<0.500	49,500	420.06	23.10	396.96
MW-1	08/24/2006	812	85.6 c	<0.500	<0.500	<0.500	<0.500	33.0	<0.500	0.890	<0.500	30,700	420.06	23.94	396.12
MW-1	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**420.06**	**NA**	**NA**
MW-2	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20.72	NA
MW-2	05/19/2005	<500	<50	<5.0	<5.0	<5.0	<10	11	<20	<20	<20	4,200	418.88	21.26	397.62
MW-2	08/15/2005	<1,000	<50	<10	<10	<10	<20	<10	<40	<40	<40	7,500	418.88	25.33	393.55
MW-2	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	418.88	NA	NA
MW-2	01/30/2006	<50.0	401	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1,310	418.88	25.87	393.01
MW-2	05/19/2006	398	134 c	<0.500	<0.500	<0.500	<0.500	7.65	<0.500	<0.500	<0.500	4,910	418.88	21.75	397.13
MW-2	08/24/2006	<50.0	<46.9 c	<0.500	<0.500	<0.500	<0.500	2.82	<0.500	<0.500	<0.500	4,070	418.88	24.60	394.28
MW-2	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**418.88**	**NA**	**NA**
MW-3	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.08	NA
MW-3	05/19/2005	<50	120 a	<0.50	<0.50	<0.50	<1.0	40	<2.0	<2.0	<2.0	6.5	417.24	19.08	398.16
MW-3	08/15/2005	<50	73	<0.50	<0.50	<0.50	<1.0	34	<2.0	<2.0	<2.0	<5.0	417.24	22.20	395.04
MW-3	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	417.24	NA	NA
MW-3	01/30/2006	<50.0	412	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	417.24	23.64	393.60
MW-3	05/19/2006	<50.0	183 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	417.24	19.00	398.24
MW-3	08/24/2006	<50.0	214 c	<0.500	<0.500	<0.500	<0.500	3.11	<0.500	<0.500	<0.500	661	417.24	21.84	395.40
MW-3	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**417.24**	**NA**	**NA**
MW-4	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.77	NA

WELL CONCENTRATIONS
Shell Service Station
8999 San Ramon Road
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-4	05/19/2005	97	59 a	0.66	<0.50	<0.50	<1.0	4.8	<2.0	<2.0	<2.0	8.2	420.52	19.85	400.67
MW-4	08/15/2005	67	<50	<0.50	<0.50	<0.50	<1.0	0.86	<2.0	<2.0	<2.0	<5.0	420.52	23.34	397.18
MW-4	11/08/2005	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	420.52	NA	NA
MW-4	01/30/2006	<50.0	112	<0.500	<0.500	<0.500	<0.500	1.63	<0.500	<0.500	<0.500	<10.0	420.52	24.13	396.39
MW-4	05/19/2006	<50.0	<46.9 c	<0.500	<0.500	<0.500	<0.500	1.08	<0.500	<0.500	<0.500	<10.0	420.52	19.79	400.73
MW-4	08/24/2006	<50.0	<47.2 c	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	78.3	420.52	22.50	398.02
MW-4	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**420.52**	**NA**	**NA**
MW-5	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	416.88	25.25	391.63
MW-5	08/24/2006	<50.0	108 c	<0.500	<0.500	<0.500	<0.500	3.33	<0.500	<0.500	<0.500	21.0	416.88	25.70	391.18
MW-5	**11/02/2006**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**416.88**	**28.00**	**388.88**
MW-6	02/28/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	422.50	23.55	398.95
MW-6	03/03/2006	<50.0	104	<0.500	<0.500	<0.500	<0.500	4.93	<0.500	<0.500	<0.500	<10.0	422.50	23.30	399.20
MW-6	05/19/2006	<50.0	<46.9	<0.500	<0.500	<0.500	<0.500	5.76	<0.500	<0.500	<0.500	<10.0	422.50	20.31	402.19
MW-6	08/24/2006	<50.0	<47.2 c	<0.500	<0.500	<0.500	<0.500	0.870	<0.500	<0.500	<0.500	<10.0	422.50	23.69	398.81
MW-6	**11/02/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**422.50**	**28.51**	**393.99**
MW-7	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	414.35	25.84	388.51
MW-7	08/24/2006	<50.0	<47.2 c	<0.500	<0.500	<0.500	<0.500	2.63	<0.500	<0.500	<0.500	751	414.35	26.21	388.14
MW-7	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**414.35**	**NA**	**NA**
MW-8	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	414.54	23.02	391.52
MW-8	08/24/2006	110	74.5 c	<0.500	<0.500	<0.500	<0.500	4.62	<0.500	<0.500	<0.500	6,610	414.54	23.17	391.37
MW-8	**11/02/2006**	**92**	**96 c**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.4**	**<2.0**	**<2.0**	**<2.0**	**2,300**	**414.54**	**27.69**	**386.85**
MW-9	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	412.69	27.75	384.94
MW-9	08/24/2006	<50.0	69.9 c,d	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	86.8	412.69	28.35	384.34

WELL CONCENTRATIONS
Shell Service Station
8999 San Ramon Road
Dublin, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-9	**11/02/2006**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<2.0**	**<2.0**	**<2.0**	**<5.0**	**412.69**	**28.43**	**384.26**
MW-10	08/21/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	419.48	23.90	395.58
MW-10	08/24/2006	626	100 c	1.04	<0.500	1.22	<0.500	12.4	<0.500	<0.500	<0.500	5,740	419.48	24.02	395.46
MW-10	**11/02/2006**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**419.48**	**28.50**	**390.98**
MW-11	08/21/2006	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	409.69	NA	NA
MW-11	08/24/2006	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	409.69	NA	NA
MW-11	**11/02/2006**	**Well dry**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**409.69**	**NA**	**NA**

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by modified EPA Method 8260B.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol or tertiary butanol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
NA = Not applicable

WELL CONCENTRATIONS
Shell Service Station
8999 San Ramon Road
Dublin, CA

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

Notes:

a = Hydrocarbon reported does not match the pattern of the laboratory's Diesel standard.

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

c = Diesel with silica gel clean-up.

d = Insufficient sample available for reanalysis.

Site surveyed May 10, 2005 by Mid Coast Engineers.

Well MW-6 surveyed March 3, 2006 by Mid Coast Engineers.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

4 December, 2006

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

RE: 8999 San Ramon Rd. Dublin
Work Order: S611144

Enclosed are the results of analyses for samples received by the laboratory on 11/07/06 09:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sylvia Krenn
Project Manager

CA ELAP Certificate # 2630

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Blaine Tech Services (Shell)	Project:	8999 San Ramon Rd. Dublin	S611144
1680 Rogers Avenue	Project Number:	97565995	**Reported:**
San Jose CA, 95112	Project Manager:	Michael Ninokata	12/04/06 22:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	S611144-01	Water	11/02/06 11:45	11/07/06 09:05
MW-8	S611144-02	Water	11/02/06 13:30	11/07/06 09:05
MW-9	S611144-03	Water	11/02/06 10:15	11/07/06 09:05
MW-8	S611144-04	Water	11/02/06 13:30	11/07/06 09:05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Blaine Tech Services (Shell)	Project: 8999 San Ramon Rd. Dublin	S611144
1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (S611144-04) Water Sampled: 11/02/06 13:30 Received: 11/07/06 09:05									
Diesel Range Organics (C10-C28)	**96**	50	ug/l	1	6110324	11/08/06	11/29/06	EPA 8015B-SVOA	
Surrogate: Octacosane		*73 %*	*45-124*		"	"	"	"	

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TestAmerica
ANALYTICAL TESTING CORPORATION

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

Blaine Tech Services (Shell)	Project: 8999 San Ramon Rd. Dublin	S611144
1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (S611144-01) Water Sampled: 11/02/06 11:45 Received: 11/07/06 09:05									
Tert-butyl alcohol	ND	5.0	ug/l	1	6110151	11/14/06	11/14/06	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*91 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*101 %*		*60-140*	"	"	"	"	
MW-8 (S611144-02) Water Sampled: 11/02/06 13:30 Received: 11/07/06 09:05									
Tert-butyl alcohol	**2300**	5.0	ug/l	1	6110151	11/14/06	11/14/06	GCMS \ 8260B	
Methyl tert-butyl ether	**1.4**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**92**	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*91 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*101 %*		*60-140*	"	"	"	"	

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Gasoline\BTEX\Oxygenates by GCMS\8260B

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (S611144-03) Water Sampled: 11/02/06 10:15 Received: 11/07/06 09:05									
Tert-butyl alcohol	ND	5.0	ug/l	1	6110151	11/14/06	11/14/06	GCMS \ 8260B	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*92 %*		*60-140*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*60-140*	"	"	"	"	
Surrogate: 4-BFB		*101 %*		*60-140*	"	"	"	"	

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Extractable Hydrocarbons with Silica Gel cleanup by EPA 8015B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110324 - EPA 3510C / EPA 8015B-SVOA										
Blank (6110324-BLK1)				Prepared: 11/08/06 Analyzed: 11/29/06						
Diesel Range Organics (C10-C28)	ND	50	ug/l							
Surrogate: Octacosane	*13.9*		*"*	*20.0*		*70*	*45-124*			
Laboratory Control Sample (6110324-BS1)				Prepared: 11/08/06 Analyzed: 11/29/06						
Diesel Range Organics (C10-C28)	455	50	ug/l	500		91	70-109			
Surrogate: Octacosane	*13.9*		*"*	*20.0*		*70*	*45-124*			
Laboratory Control Sample Dup (6110324-BSD1)				Prepared: 11/08/06 Analyzed: 11/29/06						
Diesel Range Organics (C10-C28)	429	50	ug/l	500		86	70-109	6	15	
Surrogate: Octacosane	*12.6*		*"*	*20.0*		*63*	*45-124*			

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110151 - EPA 5030B [P/T] / GCMS \ 8260B										
Blank (6110151-BLK1)				Prepared: 11/13/06 Analyzed: 11/14/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*22.6*		"	*25.0*		*90*	*60-140*			
Surrogate: Toluene-d8	*27.6*		"	*25.0*		*110*	*60-140*			
Surrogate: 4-BFB	*24.8*		"	*25.0*		*99*	*60-140*			
Blank (6110151-BLK2)				Prepared: 11/14/06 Analyzed: 11/15/06						
Ethanol	ND	50	ug/l							
Tert-butyl alcohol	ND	5.0	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-DCA-d4	*22.1*		"	*25.0*		*88*	*60-140*			
Surrogate: Toluene-d8	*29.2*		"	*25.0*		*117*	*60-140*			
Surrogate: 4-BFB	*26.2*		"	*25.0*		*105*	*60-140*			

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control

TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110151 - EPA 5030B [P/T] / GCMS \ 8260B										
Laboratory Control Sample (6110151-BS1)				Prepared: 11/13/06 Analyzed: 11/14/06						
Gasoline Range Organics (C4-C12)	2220	50	ug/l	2200		101	70-130			
Surrogate: 1,2-DCA-d4	*23.2*		*"*	*25.0*		*93*	*60-140*			
Surrogate: Toluene-d8	*26.8*		*"*	*25.0*		*107*	*60-140*			
Surrogate: 4-BFB	*26.0*		*"*	*25.0*		*104*	*60-140*			
Laboratory Control Sample (6110151-BS2)				Prepared: 11/13/06 Analyzed: 11/14/06						
Methyl tert-butyl ether	17.4	0.50	ug/l	20.0		87	60-140			
Benzene	19.5	0.50	"	20.0		98	70-130			
Toluene	21.2	0.50	"	20.0		106	70-130			
Surrogate: 1,2-DCA-d4	*23.6*		*"*	*25.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*26.5*		*"*	*25.0*		*106*	*60-140*			
Surrogate: 4-BFB	*23.8*		*"*	*25.0*		*95*	*60-140*			
Laboratory Control Sample (6110151-BS3)				Prepared: 11/14/06 Analyzed: 11/15/06						
Gasoline Range Organics (C4-C12)	1980	50	ug/l	2200		90	70-130			
Surrogate: 1,2-DCA-d4	*23.4*		*"*	*25.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*28.0*		*"*	*25.0*		*112*	*60-140*			
Surrogate: 4-BFB	*25.6*		*"*	*25.0*		*102*	*60-140*			
Laboratory Control Sample (6110151-BS4)				Prepared: 11/14/06 Analyzed: 11/15/06						
Methyl tert-butyl ether	16.6	0.50	ug/l	20.0		83	60-140			
Benzene	19.1	0.50	"	20.0		96	70-130			
Toluene	20.5	0.50	"	20.0		102	70-130			
Surrogate: 1,2-DCA-d4	*23.8*		*"*	*25.0*		*95*	*60-140*			
Surrogate: Toluene-d8	*27.5*		*"*	*25.0*		*110*	*60-140*			
Surrogate: 4-BFB	*25.0*		*"*	*25.0*		*100*	*60-140*			
Matrix Spike (6110151-MS1)	**Source: S611181-01**			Prepared: 11/14/06 Analyzed: 11/15/06						
Methyl tert-butyl ether	71.0	0.50	ug/l	52.0	41.6	57	60-140			QM01
Benzene	24.0	0.50	"	38.8	ND	62	70-130			QM02
Toluene	218	0.50	"	188	ND	116	70-130			
Gasoline Range Organics (C4-C12)	1970	50	"	2200	57.4	87	60-140			
Surrogate: 1,2-DCA-d4	*23.6*		*"*	*25.0*		*94*	*60-140*			
Surrogate: Toluene-d8	*27.9*		*"*	*25.0*		*112*	*60-140*			
Surrogate: 4-BFB	*25.1*		*"*	*25.0*		*100*	*60-140*			

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Gasoline\BTEX\Oxygenates by GCMS\8260B - Quality Control
TestAmerica - Sacramento, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6110151 - EPA 5030B [P/T] / GCMS \ 8260B										
Matrix Spike Dup (6110151-MSD1)	**Source: S611181-01**			Prepared: 11/14/06	Analyzed: 11/15/06					
Methyl tert-butyl ether	73.2	0.50	ug/l	52.0	41.6	61	60-140	3	25	QM01
Benzene	23.8	0.50	"	38.8	ND	61	70-130	0.8	25	QM02
Toluene	204	0.50	"	188	ND	109	70-130	7	25	
Gasoline Range Organics (C4-C12)	1950	50	"	2200	57.4	86	60-140	1	25	
Surrogate: 1,2-DCA-d4	*23.2*		*"*	*25.0*		*93*	*60-140*			
Surrogate: Toluene-d8	*27.2*		*"*	*25.0*		*109*	*60-140*			
Surrogate: 4-BFB	*26.1*		*"*	*25.0*		*104*	*60-140*			

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1680 Rogers Avenue	Project Number: 97565995	**Reported:**
San Jose CA, 95112	Project Manager: Michael Ninokata	12/04/06 22:35

Notes and Definitions

QM02	The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM01	The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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PROBLEM CHAIN-OF-CUSTODY

DATE/TIME 11-6-04
CLIENT Blaine
CLIENT SERVICES REP

DATE RECEIVED 11-3-04
TURN AROUND TIME 10
ANALYST [illegible]

PROBLEM

1) No amber to run diesel for MW-5, MW 9 & MW8 @ 12:30
* Received 3 voa's only.

We have MW-8 @ 13:30

RESOLUTION

Client Instruction* Sylvia will call client

Telephone Number of Client:

Client Contact for Instruction:

Date and Time of Instruction:

Date & Time Form Given to Sample Control: 11/6/06 1620

CLIENT SERVICES REP. SIGNATURE: [signature]
DATE/TIME: 11/6/07

*If client does not return call within 24 hours, please route this form to the Laboratory Director.

White Copy - Client Services

Pink Copy - Sample Control

SHELL Chain Of Custody Record

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

NAME OF PERSON TO BILL: Denis Brown

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

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 5 6 5 9 9 5

PO #:

SAP or CRMT #:

DATE: 11-2-06

PAGE: 1 of 1

SAMPLING COMPANY	LOG CODE
Blaine Tech Services	BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

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

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

SITE ADDRESS: Street and City	State	GLOBAL ID NO.
8999 San Ramon Road, Dublin	CA	T0600159797

EDF DELIVERABLE TO (Name, Company, Office Location)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.
Lena Martinez, Delta, San Jose	(408) 826-1861	lmartinez@deltaenv.com	BTS# 061102-SJ-1

SAMPLER NAME(S) (Print): Dan Rompf

LAB USE ONLY: SCL1144

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☑ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____

SPECIAL INSTRUCTIONS OR NOTES:

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

Run TPHd with Silica Gel Clean up

CC Lee Dooley ldooley@deltaenv.com and Heather Buckingham hbuckingham@deltaenv.com when sending final report.

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable (8260B)	TPH - Diesel, Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)
	MW-5	11-2-06	1145	H2O	7	X	X	X	X			-01						
	MW-8	11-2-06	1230	H2O	3	X	X	X	X			-02						
	MW-9	11-2-06	1015	H2O	3	X	X	X	X			-03						
	MW-8	11-2-06	1330	H2O	1		X					-04						

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

TEMPERATURE ON RECEIPT C°

Run TPH-d with silica gel clean-up!

Relinquished by: (Signature)	Received by: (Signature) (sample custodian)	Date: 11-2-06	Time: 1530
Relinquished by: (Signature)	Received by: (Signature)	Date: 11/3/06	Time: 1635
Relinquished by: (Signature)	Received by: (Signature) MH	Date: 11/3/06	Time: 1744

11/3/06 9:05

05/02/06 Revision

40

Q&Q Graphic (714) 898-9702

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BLAINE / SHELL
REC. BY (PRINT): EH
WORKORDER:

DATE REC'D AT LAB: 11/3/06
TIME REC'D AT LAB: 1740
DATE LOGGED IN:

For Regulatory Purposes?
DRINKING WATER YES / N
WASTE WATER YES / N

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC
1. Custody Seal(s) Present / (Absent) Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*			SEE COC					
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker Present / (Absent)								
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time? (Yes) / No*			11/3/06	EH				
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No)*								
14. Read Temp: 8.2°C Corrected Temp: 4.2°C Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)								
**Exception (if any): METALS / DFF ON ICE or Problem COC								

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

WELLHEAD INSPECTION CHECKLIST

Client Shell Date 11-2-06

Site Address 8999 San Ramon Rd, Dublin

Job Number 061102-JD-1 Technician Dan R.

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	X	X	X							
MW-2	X	X	X							
MW-3	X	X	X							
MW-4	X	X	X							
MW-5	X	X	X							
MW-6	X	X	X							
MW-7	X	X	X	X						
MW-8	X	X	X							
MW-9	X	X	X							
MW-10		X	X			X	X			
MW-11	X	X	X	X						

NOTES: MW-10, cap/Lock replaced: Broken, corrosion.

Repair Data Sheet

Client Shell Date 10-3-06

Site Address 8999 San Ramon Rd., Dublin

Job Number 061003A16 Technician Andrew Adolfi

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	Deficiency Logged on Repair Order	Deficiency Remains Uncorrected/Logged on Site Inspection Checklist	Partial Repair Completed/Outstanding Deficiency Logged on Repair Order	All Repairs Completed
MW-6																				
Notes: tag well																				
Notes:																				
Notes:																				
Notes:																				
Notes:																				
Notes:																				

WELL GAUGING DATA

Project # 061102-SD-1 Date 11-2-06 Client Shell / Equiva

Site 8999 San Ramon Rd, Dublin

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	ORDER Notes
MW-1	0900	4					DRY	26.76		11
MW-2	0845	4					DRY	26.80		7
MW-3	0840	4					DRY	24.40		6
MW-4	0825	4					~~28.50~~ DRY	~~28.80~~ 26.59		3
+ MW-5	0850	4					28.00	28.49		8
- MW-6	0830	4					28.51	28.72		4
MW-7	0835	4					DRY	28.45		5
+ MW-8	0830	4					27.69	28.82		9
+ MW-9	0820	4					28.43	28.87		2
+ MW-10	0855	4					28.50	28.80		10
MW-11	0815	2					~~DRY~~	28.54		1

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.76	Depth to Water (DTW): DRY
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]:

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other ____ — NP — NO WATER

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

____ (Gals.) X ____ = ____ 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
		NO	PURGE,		DRY	well
		NO	SAMPLE			

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

Sampling Date: 11-2-06 Sampling Time: — Depth to Water: —

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

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

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

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.80	Depth to Water (DTW): DRY
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]: —	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other ___ — NP

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

NO PURGE

___ (Gals.) X	___	= ___ 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
		NO	PURGE	NO	SAMPLE	DRY

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

Sampling Date: 11-2-06 Sampling Time: — Depth to Water: —

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OXY'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
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 24.40	Depth to Water (DTW): DRY
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]:	

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:

NO PURGE

(Gals.) X	=	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
	NO	PURGE,	DRY	WELL		
	NO	SAMPLE				

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

Sampling Date: 11-2-06 Sampling Time: — Depth to Water: —

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

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: OXY'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
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.59	Depth to Water (DTW): DRY
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]: ~	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible (5) / Waterra / Peristaltic / Extraction Pump / Other ___ — NO PURGE

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

~ (Gals.) X 3 = ~ 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
		NO PURGE, NO SAMPLE				

Did well dewater? Yes No — Gallons actually evacuated: ~

Sampling Date: 11-2-06 — Sampling Time: ~ — Depth to Water: ~

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

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other: OXY'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
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.49	Depth to Water (DTW): 28.00
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]: 28.18	

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

Insufficient water
NO PURGE
3

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

____ (Gals.) X ____ = ____ 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
1145	69.4	6.3	1809	71,000	Ø	
	pre-purge sample taken @ 1145					
	no recharge, will return for purge attempt.					
1345	Return for recharge - Insufficient water to sample. - DTW=28.24					
	De-watered: cannot extract more water					

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

Sampling Date: 11-2-06 — Sampling Time: 1145 — Depth to Water: 28.00

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

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other): OXY'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
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.72	Depth to Water (DTW): 28.51
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]:	

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: ___

NO PURGE

___ (Gals.) X 3 = ___ 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
	Insufficient water for purge/sample					

Did well dewater? (Yes) No	Gallons actually evacuated: —
Sampling Date: 11-2-06 Sampling Time: —	Depth to Water: — 28.51
Sample I.D.: MW-6	Laboratory: STL (Other) TA
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other): OXY'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
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

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SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.45	Depth to Water (DTW): DRY
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]:	

Purge Method: Bailer, ~~Disposable Bailer~~, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other___ — NO PURGE

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

___ (Gals.) X 3 = ___ 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
		DRY well, NO PURGE/SAMPLE				

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

Sampling Date: 11-2-06 — Sampling Time: — — Depth to Water: —

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

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

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

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 28.82	Depth to Water (DTW): 27.69
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]: 27.91	

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:

Insufficient WATER!

1 Case Volume	Specified Volumes	Calculated Volume
.75 (Gals.) X	3	= 2.25 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	~~Gals.~~ Liters Removed	Observations
1230	70.0	6.7	1027	71,000	1.25 Liters	cloudy, sediment very slow recharge
pre-purge sample taken due to low water levels @ 1230.						
Return to purge if purge is positive recharge!						
De-watered @	1.25 Liters		- filled 3 VOAS w/HCl, 1 NP AMBER -			
1350	69.5	6.4	955	71,000	DTW=28.49	Filled 1 NP AMBER

Did well dewater? (Yes) No		Gallons actually evacuated:	Ø
Sampling Date: 11-2-06	Sampling Time: 1230	Depth to Water:	28.49
Sample I.D.: MW-8	Laboratory: STL Other TA		
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: OXY'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
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 28.87	Depth to Water (DTW): 28.43
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]: 28.51	

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

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

.3	(Gals.) X	3	=	.9	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1010	70.0	7.0	2481	324	Ø	pre-purge- very little water
pre-purge sample taken @ 1015						
de-watered after 3 HCl vols, cannot get more water. DTW 28.69						
1155 Return, well slow recharge, no more water for sampling.						
1215 Remains de-watered			DTW @ 28.67, cannot extract more.			

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

Sampling Date: 11-2-06 — Sampling Time: 1015 — Depth to Water: 28.74

Sample I.D.: MW9 — Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other): OXY'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	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 28.80	Depth to Water (DTW): 28.80
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]: 28.86	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible (X) / Waterra / Peristaltic / Extraction Pump / Other _____

INSUFFICIENT WATER

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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1110	INSUFFICIENT WATER				Ø	
Extracted a pre-purge sample @ 1115					150mL	
COULD NOT EXTRACT ANY WATER, ONLY A						
SMALL AMOUNT OF THICK SEDIMENT, DRK GREY.						

Did well dewater? (Yes) No Gallons actually evacuated: Ø 150mL

Sampling Date: 11-2-06 Sampling Time: 1115 Depth to Water: .

Sample I.D.: MW-10 Laboratory: STL Other: TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) Other: OXY'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
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

Shell

BTS #: 061102-JD-1	Site: 8999 San Ramon, Dublin
Sampler: Dan R.	Date: 11-2-06
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 28.54	Depth to Water (DTW): DRY
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]:	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other: NO PURGE

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

___ (Gals.) X 3 = ___ 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
	Bailed water from well 3gx					
	Dry well, Insufficient water for sample					

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

Sampling Date: 11-2-06 Sampling Time: — Depth to Water: —

Sample I.D.: MW-11 Laboratory: STL (Other) TA

Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D) (Other: OXY'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
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV