Shell Oil Products US

July 14, 2006

Re: **Quarterly Monitoring Report – Second Quarter 2006**
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

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

175 Bernal Road • Suite 200
San Jose, California 95119 USA

800.477.7411
Fax 408.225.8506

July 14, 2006
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: SECOND QUARTER 2006 GROUNDWATER MONITORING REPORT
Shell-Branded Service Station
8999 San Ramon Road
Dublin, California

Dear Mr. Wickham:

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

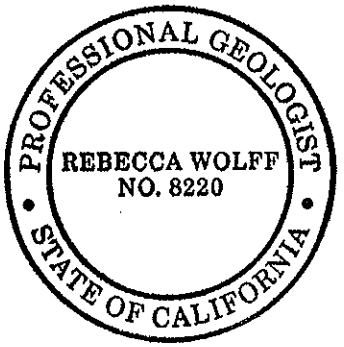
This quarterly report represents Delta's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its 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 Ms. Rebecca Wolff (Delta) at (408) 826-1868 or Mr. Denis Brown (Shell) at (707) 865-0251.

Sincerely,
Delta Environmental Consultants, Inc.

Heather Buckingham
Senior Staff Geologist

Rebecca Wolff
Rebecca Wolff, PG 8220
Project Geologist



Attachment: Second 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
Danielle Stefani, Livermore-Pleasanton, Fire Department, Pleasanton

July 14, 2006

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.:	Rebecca Wolff (408) 826-1868
Primary Agency/Regulatory ID No.:	ACHCSA/ Jerry Wickham
Other Agencies to Receive Copies:	Zone 7 Water Agency/ Livermore-Pleasanton Fire Department

WORK PERFORMED THIS QUARTER (SECOND - 2006):

1. Quarterly groundwater monitoring and sampling. Submitted quarterly report.
2. Prepared and submitted "Progress Report – April 2006" dated May 3, 2006

WORK PROPOSED FOR NEXT QUARTER (THIRD - 2006):

1. Quarterly groundwater monitoring and sampling. Submit quarterly report.
2. Install one on-site well and five off-site wells. Advance two off-site CPT borings.

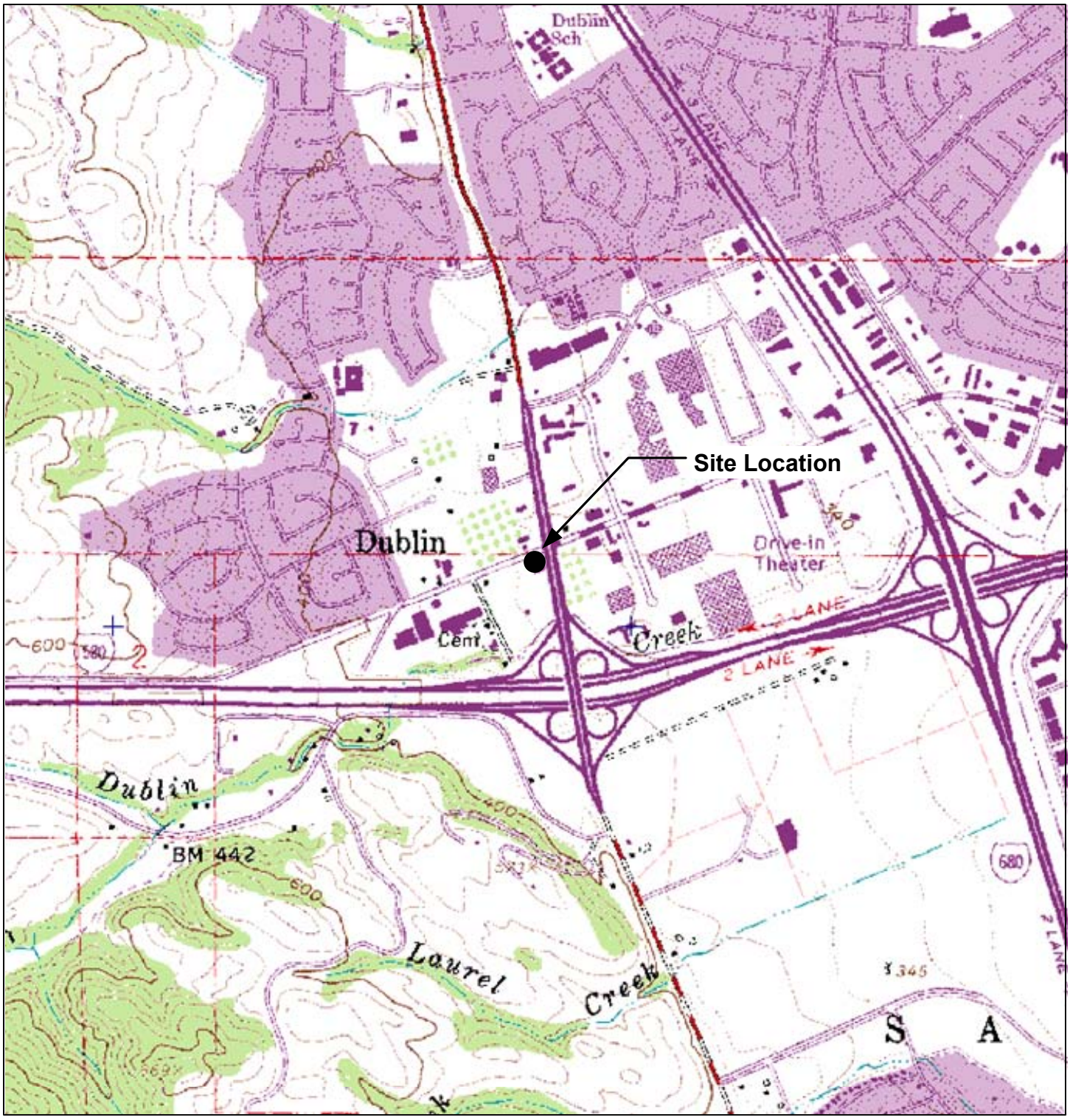
Current Phase of Project:	Groundwater monitoring, and off-site investigation activities.
Frequency of Sampling:	Quarterly
Frequency of Monitoring:	Quarterly
Is Separate Phase Hydrocarbon Present On-site (Well #'s):	☐ Yes ☒ No
Cumulative SPH Recovered to Date :	NA
SPH Recovered This Quarter :	None
Sensitive 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:	19 to 23 feet below top of well casing
Groundwater Gradient	South-southeast @ approximately 0.04 ft/ft, consistent with previous data
Current Agency Correspondence:	Alameda County Environmental Health Services correspondence dated February 10, 2006 (request to off-site property owner for access-agreement for off-site SWI)
Summary of Unusual Activity:	TPH-G was detected in Well MW-1 at a concentration of 2,940 ug/l. TPH-G was detected for the first time in Well MW-2 at a concentration of 398 ug/l. TBA concentrations decreased in Well MW-1 from 115, 000 ug/l to 49,500 ug/l. ETBE was detected for the first time in Well MW-1 at a concentration of 0.94 ug/l.

Rebecca Wolff
Site Manager (DELTA)

ATTACHED:

- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map
- Figure 3 – TPH-G/MTBE/TBA Concentration Map
- Appendix A – Groundwater Monitoring and Sampling Report, July 5, 2006

FIGURES



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

North

QUADRANGLE LOCATION

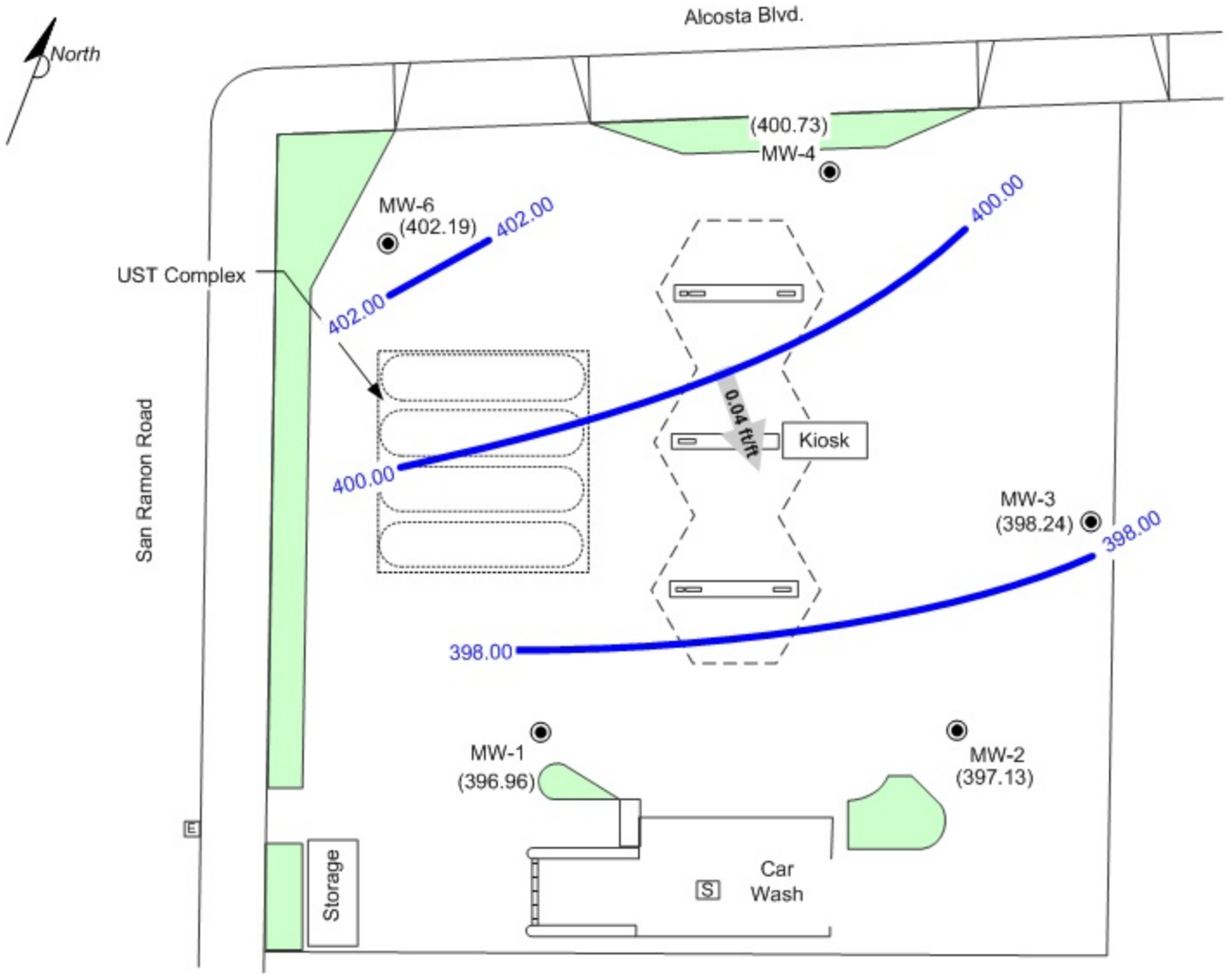
0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION MAP

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

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

Delta Environmental Consultants, Inc.



LEGEND

MW-4 **GROUNDWATER MONITORING WELL**

(383.01) **GROUNDWATER ELEVATION (FEET-MSL) – 5/19/06**

383.50 **GROUNDWATER ELEVATION CONTOUR**

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

0 30 FT

APPROX. SCALE

FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, MAY 19, 2006

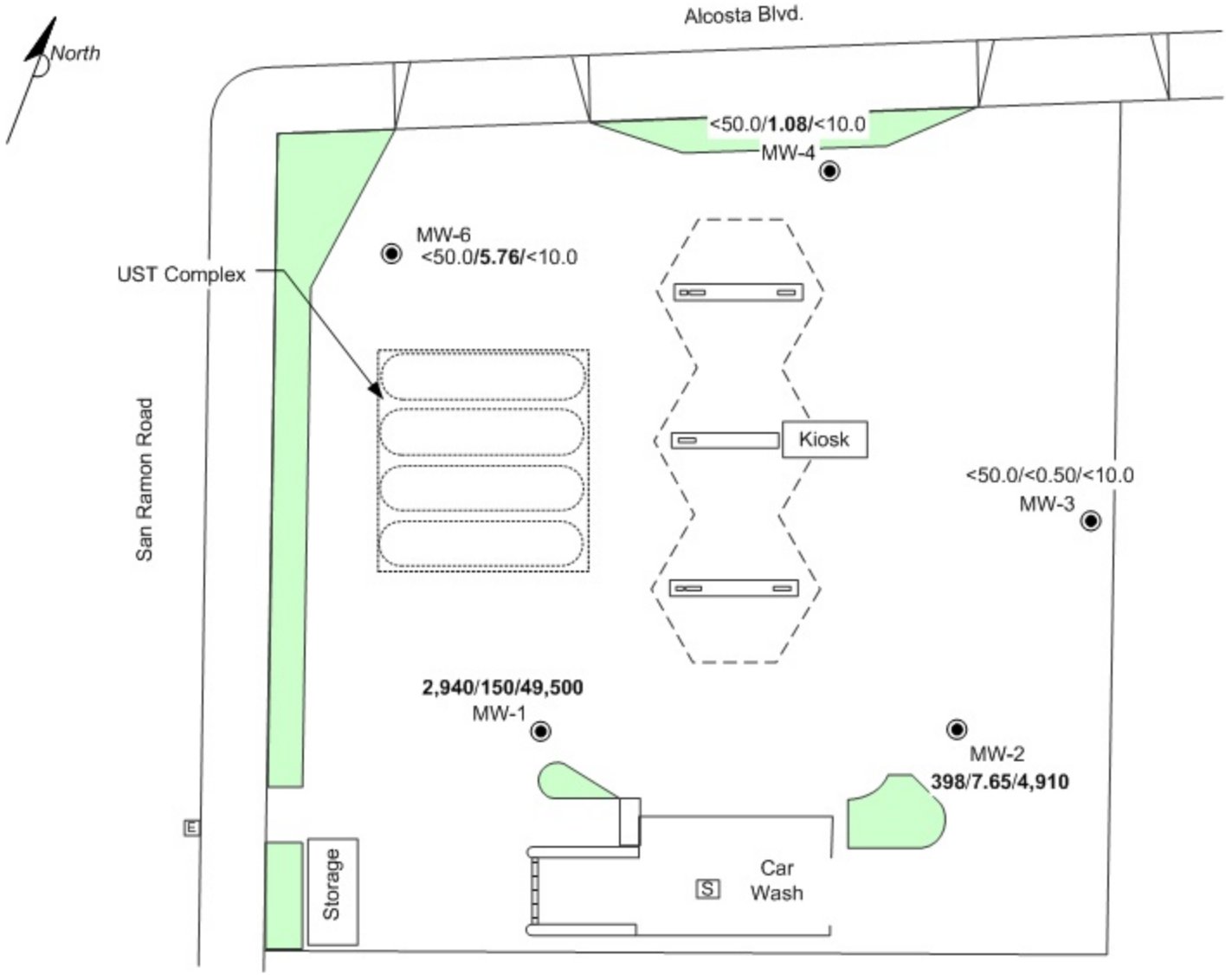
SHELL-BRANDED SERVICE STATION

8999 San Ramon Road

Dublin, California

PROJECT NO. SJ89-99S-1.2006	DRAWN BY BH 07/07/06
FILE NO. SJ89-99S-1.2006	PREPARED BY BH
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-4 ◉ **GROUNDWATER MONITORING WELL**

<50.0/**5.76**/<10.0 **TPH-G/MTBE/TBA CONCENTRATIONS (UG/L), 5/19/06**

0 30 FT

APPROX. SCALE

FIGURE 3

TPH-G, MTBE, AND TBA CONCENTRATION MAP, MAY 19, 2006

SHELL-BRANDED SERVICE STATION

8999 San Ramon Road

Dublin, California

PROJECT NO. SJ89-99S-1.2006	DRAWN BY AP 07/0706
FILE NO. SJ89-99S-1.2006	PREPARED BY BH
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.

APPENDIX A

GROUNDWATER MONITORING AND SAMPLING REPORT, JULY 5, 2006

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

July 5, 2006

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

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

Monitoring performed on May 19, 2006

Groundwater Monitoring Report **060519-DR-2**

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

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

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

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

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

cc: Rebecca Wolff
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-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-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-4	05/09/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.77	NA
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**

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-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**

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

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.
Site surveyed May 10, 2005 by Mid Coast Engineers.
Well MW-6 surveyed March 3, 2006 by Mid Coast Engineers.

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

June 02, 2006

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

Work Order: NPE3645
Project Name: 8999 San Ramon Rd, Dublin, CA
Project Nbr: SAP 135244
P/O Nbr: 97565995
Date Received: 05/25/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPE3645-01	05/19/06 13:25
MW-2	NPE3645-02	05/19/06 13:40
MW-3	NPE3645-03	05/19/06 13:55
MW-4	NPE3645-04	05/19/06 14:10
MW-6	NPE3645-05	05/19/06 14:25

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

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

Report Approved By:

Jim Hatfield
Project Management

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE3645-01 (MW-1 - Water) Sampled: 05/19/06 13:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Benzene	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Ethyl tert-Butyl Ether	**0.940**		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Diisopropyl Ether	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Ethylbenzene	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Methyl tert-Butyl Ether	**150**		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Toluene	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Tertiary Butyl Alcohol	**49500**		ug/L	1000	100	06/02/06 06:15	SW846 8260B	6056075
Xylenes, total	ND		ug/L	0.500	1	06/02/06 05:47	SW846 8260B	6056075
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*					*06/02/06 05:47*	*SW846 8260B*	*6056075*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*06/02/06 05:47*	*SW846 8260B*	*6056075*
Surr: Toluene-d8 (78-121%)	*97 %*					*06/02/06 05:47*	*SW846 8260B*	*6056075*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*06/02/06 05:47*	*SW846 8260B*	*6056075*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**2940**		ug/L	50.0	1	06/02/06 05:47	CA LUFT GC/MS	6056075
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**279**		ug/L	46.9	1	05/31/06 15:58	SW846 8015B	6055370
Surr: o-Terphenyl (55-150%)	*70 %*					*05/31/06 15:58*	*SW846 8015B*	*6055370*
Sample ID: NPE3645-02 (MW-2 - Water) Sampled: 05/19/06 13:40								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Benzene	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Diisopropyl Ether	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Ethylbenzene	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Methyl tert-Butyl Ether	**7.65**		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Toluene	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Tertiary Butyl Alcohol	**4910**		ug/L	100	10	06/02/06 07:10	SW846 8260B	6056075
Xylenes, total	ND		ug/L	0.500	1	06/02/06 06:42	SW846 8260B	6056075
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*					*06/02/06 06:42*	*SW846 8260B*	*6056075*
Surr: Dibromofluoromethane (79-122%)	*98 %*					*06/02/06 06:42*	*SW846 8260B*	*6056075*
Surr: Toluene-d8 (78-121%)	*97 %*					*06/02/06 06:42*	*SW846 8260B*	*6056075*
Surr: 4-Bromofluorobenzene (78-126%)	*97 %*					*06/02/06 06:42*	*SW846 8260B*	*6056075*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	**398**		ug/L	50.0	1	06/02/06 06:42	CA LUFT GC/MS	6056075
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**134**		ug/L	46.9	1	05/31/06 16:19	SW846 8015B	6055370
Surr: o-Terphenyl (55-150%)	*68 %*					*05/31/06 16:19*	*SW846 8015B*	*6055370*

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE3645-03 (MW-3 - Water) Sampled: 05/19/06 13:55								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Benzene	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Diisopropyl Ether	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Ethylbenzene	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Toluene	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	06/02/06 02:34	SW846 8260B	6056075
Xylenes, total	ND		ug/L	0.500	1	06/02/06 02:34	SW846 8260B	6056075
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*06/02/06 02:34*	*SW846 8260B*	*6056075*
Surr: Dibromofluoromethane (79-122%)	*103 %*					*06/02/06 02:34*	*SW846 8260B*	*6056075*
Surr: Toluene-d8 (78-121%)	*98 %*					*06/02/06 02:34*	*SW846 8260B*	*6056075*
Surr: 4-Bromofluorobenzene (78-126%)	*95 %*					*06/02/06 02:34*	*SW846 8260B*	*6056075*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/02/06 02:34	CA LUFT GC/MS	6056075
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**183**		ug/L	46.9	1	05/31/06 16:40	SW846 8015B	6055370
Surr: o-Terphenyl (55-150%)	*66 %*					*05/31/06 16:40*	*SW846 8015B*	*6055370*
Sample ID: NPE3645-04 (MW-4 - Water) Sampled: 05/19/06 14:10								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Benzene	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Diisopropyl Ether	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Ethylbenzene	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Methyl tert-Butyl Ether	**1.08**		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Toluene	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	06/02/06 03:02	SW846 8260B	6056075
Xylenes, total	ND		ug/L	0.500	1	06/02/06 03:02	SW846 8260B	6056075
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*					*06/02/06 03:02*	*SW846 8260B*	*6056075*
Surr: Dibromofluoromethane (79-122%)	*100 %*					*06/02/06 03:02*	*SW846 8260B*	*6056075*
Surr: Toluene-d8 (78-121%)	*97 %*					*06/02/06 03:02*	*SW846 8260B*	*6056075*
Surr: 4-Bromofluorobenzene (78-126%)	*96 %*					*06/02/06 03:02*	*SW846 8260B*	*6056075*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/02/06 03:02	CA LUFT GC/MS	6056075
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46.9	1	05/31/06 17:01	SW846 8015B	6055370
Surr: o-Terphenyl (55-150%)	*64 %*					*05/31/06 17:01*	*SW846 8015B*	*6055370*

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPE3645-05 (MW-6 - Water) Sampled: 05/19/06 14:25								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Benzene	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Diisopropyl Ether	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Ethylbenzene	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Methyl tert-Butyl Ether	**5.76**		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Toluene	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	06/02/06 03:29	SW846 8260B	6056075
Xylenes, total	ND		ug/L	0.500	1	06/02/06 03:29	SW846 8260B	6056075
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*					*06/02/06 03:29*	*SW846 8260B*	*6056075*
Surr: Dibromofluoromethane (79-122%)	*100 %*					*06/02/06 03:29*	*SW846 8260B*	*6056075*
Surr: Toluene-d8 (78-121%)	*99 %*					*06/02/06 03:29*	*SW846 8260B*	*6056075*
Surr: 4-Bromofluorobenzene (78-126%)	*97 %*					*06/02/06 03:29*	*SW846 8260B*	*6056075*
Purgeable Petroleum Hydrocarbons								
Gasoline Range Organics	ND		ug/L	50.0	1	06/02/06 03:29	CA LUFT GC/MS	6056075
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		ug/L	46.9	1	05/31/06 19:17	SW846 8015B	6055370
Surr: o-Terphenyl (55-150%)	*63 %*					*05/31/06 19:17*	*SW846 8015B*	*6055370*

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	6055370	NPE3645-01	1065.00	1.00	05/26/06 11:30	DRH	EPA 3510C
SW846 8015B	6055370	NPE3645-02	1065.00	1.00	05/26/06 11:30	DRH	EPA 3510C
SW846 8015B	6055370	NPE3645-03	1065.00	1.00	05/26/06 11:30	DRH	EPA 3510C
SW846 8015B	6055370	NPE3645-04	1065.00	1.00	05/26/06 11:30	DRH	EPA 3510C
SW846 8015B	6055370	NPE3645-05	1065.00	1.00	05/26/06 11:30	DRH	EPA 3510C

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6056075-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Benzene	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Ethyl tert-Butyl Ether	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Diisopropyl Ether	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Ethylbenzene	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Methyl tert-Butyl Ether	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Toluene	<0.200		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Tertiary Butyl Alcohol	<5.06		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Xylenes, total	<0.350		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 1,2-Dichloroethane-d4	108%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 1,2-Dichloroethane-d4	108%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Dibromofluoromethane	99%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Dibromofluoromethane	99%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Toluene-d8	97%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Toluene-d8	97%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 4-Bromofluorobenzene	96%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 4-Bromofluorobenzene	96%			6056075	6056075-BLK1	06/02/06 00:43
Purgeable Petroleum Hydrocarbons						
6056075-BLK1						
Gasoline Range Organics	<50.0		ug/L	6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 1,2-Dichloroethane-d4	108%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Dibromofluoromethane	99%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: Toluene-d8	97%			6056075	6056075-BLK1	06/02/06 00:43
Surrogate: 4-Bromofluorobenzene	96%			6056075	6056075-BLK1	06/02/06 00:43
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
6055370-BLK1						
Diesel	<33.0		ug/L	6055370	6055370-BLK1	05/31/06 15:17
Surrogate: o-Terphenyl	90%			6055370	6055370-BLK1	05/31/06 15:17

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6056075-BS1								
Tert-Amyl Methyl Ether	50.0	47.6		ug/L	95%	56 - 145	6056075	06/01/06 23:48
Benzene	50.0	49.9		ug/L	100%	79 - 123	6056075	06/01/06 23:48
Ethyl tert-Butyl Ether	50.0	54.1		ug/L	108%	64 - 141	6056075	06/01/06 23:48
Diisopropyl Ether	50.0	54.0		ug/L	108%	73 - 135	6056075	06/01/06 23:48
Ethylbenzene	50.0	54.8		ug/L	110%	79 - 125	6056075	06/01/06 23:48
Methyl tert-Butyl Ether	50.0	54.6		ug/L	109%	66 - 142	6056075	06/01/06 23:48
Toluene	50.0	54.1		ug/L	108%	78 - 122	6056075	06/01/06 23:48
Tertiary Butyl Alcohol	500	483		ug/L	97%	42 - 154	6056075	06/01/06 23:48
Xylenes, total	150	157		ug/L	105%	79 - 130	6056075	06/01/06 23:48
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6056075	06/01/06 23:48
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6056075	06/01/06 23:48
Surrogate: Dibromofluoromethane	50.0	47.1			94%	79 - 122	6056075	06/01/06 23:48
Surrogate: Dibromofluoromethane	50.0	47.1			94%	79 - 122	6056075	06/01/06 23:48
Surrogate: Toluene-d8	50.0	50.2			100%	78 - 121	6056075	06/01/06 23:48
Surrogate: Toluene-d8	50.0	50.2			100%	78 - 121	6056075	06/01/06 23:48
Surrogate: 4-Bromofluorobenzene	50.0	43.7			87%	78 - 126	6056075	06/01/06 23:48
Surrogate: 4-Bromofluorobenzene	50.0	43.7			87%	78 - 126	6056075	06/01/06 23:48
Purgeable Petroleum Hydrocarbons								
6056075-BS1								
Gasoline Range Organics	3050	2830		ug/L	93%	67 - 130	6056075	06/01/06 23:48
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	70 - 130	6056075	06/01/06 23:48
Surrogate: Dibromofluoromethane	50.0	47.1			94%	70 - 130	6056075	06/01/06 23:48
Surrogate: Toluene-d8	50.0	50.2			100%	70 - 130	6056075	06/01/06 23:48
Surrogate: 4-Bromofluorobenzene	50.0	43.7			87%	70 - 130	6056075	06/01/06 23:48
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
6055370-BS1								
Diesel	1000	798		ug/L	80%	49 - 118	6055370	05/31/06 15:37
Surrogate: o-Terphenyl	20.0	13.8			69%	55 - 150	6055370	05/31/06 15:37

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
CA LUFT GC/MS	Water			X
NA	Water			
SW846 8015B	Water			
SW846 8260B	Water	N/A	X	X

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

Client	Delta Env. Consultants (San Jose) / SHELL (13653)	Work Order:	NPE3645
	175 Bernal Rd., Suite 200	Project Name:	8999 San Ramon Rd, Dublin, CA
	San Jose, CA 95119	Project Number:	SAP 135244
Attn	Justin Link	Received:	05/25/06 07:50

NELAC CERTIFICATION SUMMARY

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

Method	Matrix	Analyte
CA LUFT GC/MS	Water	Gasoline Range Organics
SW846 8015B	Water	Diesel

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#**

NPE3645

Cooler Received/Opened On: 5/25/06@7:50

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 5276

Fed-Ex

Temperature of representative sample or temperature blank when opened: 4.5 **Degrees Celsius**

(indicate IR Gun ID#)

101282

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

   a. If yes, how many and where: 2 Front

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

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

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

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

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

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

   Plastic bag Paper Other_____ None

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIS = Broken in shipment

SHELL Chain Of Custody Record

NPE3645

05/26/06 23:59

LAB:
- ☐ 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: 5/19/06

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.:
Heather Buckingham, Delta, San Jose	(408) 826-1866	hbuckingham@deltaenv.com	BTS#060519-DR2

SAMPLER NAME(S) (Print): D. Rayna

LAB USE ONLY

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

☐ 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

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)	TEMPERATURE ON RECEIPT C°
	MW-1	5/19/06	1325	W	5	X	X	X	X										NPE3645-01
	MW-2		1340	W	5	X	X	X	X										2
	MW-3		1355	W	5	X	X	X	X										3
	MW-4		1410	W	5	X	X	X	X										4
	MW-6		1425	W	5	X	X	X	X										5

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

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	Samples Custody	5/19/06	1555
Samples Custody		5/22/06	1430
		5/22/06	1635
		5/25/06	7:50

05/02/06 Revision

Q&Q Graphic (714) 898-9702

WELLHEAD INSPECTION CHECKLIST

Client 9756 5995 Date 5/19/06

Site Address 8999 San Ramon Rd. Dublin CA

Job Number 060519-DR2 Technician DR

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									
MW-2	X									
MW-3	X									
MW-4	X									
MW-6	X									

NOTES:

WELL GAUGING DATA

Project # 060519-DR2 Date 5/19/06 Client 9756 5995

Site 8999 San Ramon Rd. Dublin CA.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4					23.10	26.72		
MW-2	4					21.75	26.80		
MW-3	4					19.00	24.35		
MW-4	4					19.79	26.35		
MW-6	4					20.31	28.51		

SHELL WELL MONITORING DATA SHEET

BTS #: 060519-DR2	Site: 9756 5995
Sampler: DR	Date: 5/19/06
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.72	Depth to Water (DTW): 23.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.82	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
2.4 (Gals.) X	3	= 7.2 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1315	68.6	6.6	1101	71000	2.4	
1316	68.9	6.5	1109	218	4.8	
1317	69.1	6.5	1111	48	7.2	

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Date: 5/19/06 Sampling Time: 1325 Depth to Water: 23.80

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

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060519-DR2	Site: 9756 5995
Sampler: DR	Date: 5/19/06
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.80	Depth to Water (DTW): 21.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.76	

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

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

3.3 (Gals.) X	3	=	9.9 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
1227	69.5	6.6	1052	16	3.3	odor
@ well	dewatered at	4.0 gal.			—	DTW = 23.02
1337	68.0	6.6	1044	55	—	

Did well dewater? (Yes) No Gallons actually evacuated: 4.0

Sampling Date: 5/19/06 Sampling Time: 1340 Depth to Water: 21.82

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

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 060519-DR2	Site: 97565995
Sampler: DR	Date: 5/19/06
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.35	Depth to Water (DTW): 19.00
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]: 20.07	

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

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

3.5 (Gals.) X 3 = 10.5 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
1243	68.9	6.7	1058	72	3.5	
@ Well dewatered @ 6.5 gal.					—	DTW = 19.72
1352	68.1	6.9	815	13	—	

Did well dewater? (Yes) No Gallons actually evacuated: 6.5

Sampling Date: 5/19/06 Sampling Time: 1355 Depth to Water: 19.21

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

BTS #: 060519-DR2	Site: 9756 5995
Sampler: DR	Date: 5/19/06
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.35	Depth to Water (DTW): 19.79
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.10	

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

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

4.3 (Gals.) X 3 = 12.9 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 (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1253	67.5	7.1	724	11	4.3	
1254	67.9	6.5	1038	25	8.6	
1255	67.9	6.5	1040	32	12.9	DTW = 23.02

Did well dewater? Yes (No) Gallons actually evacuated: 12.9

Sampling Date: 5/19/06 Sampling Time: 1410 Depth to Water: 19.82

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

BTS #: 060519-DR2	Site: 97565995
Sampler: DR	Date: 5/19/06
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 28.51	Depth to Water (DTW): 20.31
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.95	

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

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

5.3 (Gals.) X	3	=	15.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1304	67.9	6.7	983	59	5.3	
1305	68.3	6.7	983	362	10.6	
1306	68.5	6.6	991	> 1000	15.9	DTW=24.60

Did well dewater? Yes (No) Gallons actually evacuated: 15.9

Sampling Date: 5/19/06 Sampling Time: 1425 Depth to Water:

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	