Delta
Environmental Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

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

408.224.4724 800.477.7411
Fax 408.225.8506

Letter of Transmittal

To: Alameda County Environmental Health Services — Date: 1/14/2004

1131 Harbor Bay Pkwy

Alameda CA 94502 — Job No: SJ67-50S-1.2004

Attn: Mr. Scott Seery

We are sending the following items:

Date	Copies	Description
15-Jan-04	1	**4Q03 Quarterly Monitoring, Sampling &**
		Remediation Status Report
		6750 Santa Rita Road
		Pleasanton, CA
		Incident No. 97464711

These are transmitted:

☐ For your Information ☐ For action specified below ☐ For review and comment ☒ For your use ☐ As requested

Remarks

Copies to:

By: Garrett Haertel

Title: Project Engineer

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

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

408.224.4724 800.477.7411
Fax 408.225.8506

January 15, 2004
Project No. SJ67-50S-1.2004

Mr. Scott O. Seery
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: **Fourth Quarter 2003 - Quarterly Monitoring, Sampling and Remediation Status Report**
Shell Service Station
6750 Santa Rita Road
Pleasanton, California
Incident No. 97464711

Dear Mr. Seery:

Delta Environmental Consultants, Inc. (Delta), on behalf of Shell Oil Products US (Shell), has prepared the following fourth quarter 2003 groundwater monitoring and sampling report for the above referenced site. Groundwater sampling was performed by Blaine Tech Services (Blaine), at the direction of Delta, on October 3, 2003. A site location map is included as Figure 1.

QUARTERLY GROUND WATER MONITORING PROGRAM

Groundwater monitoring wells were gauged and sampled by Blaine on October 3, 2003. Depth to groundwater was measured in Wells MW-1 through MW-4. Groundwater elevation data and contours are presented on Figure 2.

Groundwater samples were submitted by Blaine to Severn Trent Laboratories, Inc. in Pleasanton, California for analysis for total purgeable petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and fuel oxygenates methyl tert-butyl ether (MTBE), diisopropyl ether (DIPE), ethyl-t-butyl ether (ETBE), tert-amyl methyl ether (TAME), and tert-butanol (TBA), using EPA Method 8260B. Benzene and MTBE concentrations are presented on Figure 3.

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

REMEDIATION SUMMARY

Delta/Shell continued monthly groundwater batch extraction during the fourth quarter 2003. This remedial action was taken to address the presence of MTBE in groundwater. Groundwater was extracted from Wells MW-2 and MW-3 on October 28, November 24, and December 29, 2003 using a positive air displacement pump operated by Blaine. The purged groundwater was transported to the Shell refinery in Martinez, California for recycling. Approximately 492 gallons of groundwater were extracted during the fourth quarter 2003. The MTBE concentration in Well MW-3 continued to decrease from the historic high of 15,000 ug/l to 8,800 ug/l in the fourth quarter 2003.

DISCUSSION

Previous site data has indicated a groundwater flow direction to the south-southwest. The groundwater gradient on October 3, 2003 was toward the south-southeast at a magnitude of 0.01 feet/feet.

MTBE was detected in all site wells at concentrations ranging from 23 micrograms per liter to 8,800 ug/l. MTBE concentrations in Well MW-1 have reached a historic high of 810 ug/l. MTBE concentrations in Wells MW-2 and MW-4 remain below historic levels, while the MTBE concentration in Well MW-3 continues to decrease from a historic high of 15,000 ug/l. TBA concentrations in Wells MW-1, MW-2, and MW-3 have increased from last quarter to concentrations of 540 ug/l, 3,000 ug/l, and 6,600 ug/l, respectively.

In the first quarter 2004 Blaine will gauge and sample site wells and tabulate the data. Groundwater batch extraction will continue in the first quarter of 2004. Delta will prepare a first quarter 2004 monitoring, sampling, and remediation status report.

REMARKS

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

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

Sincerely,
Delta Environmental Consultants, Inc.

Garrett Haertel
Project Engineer

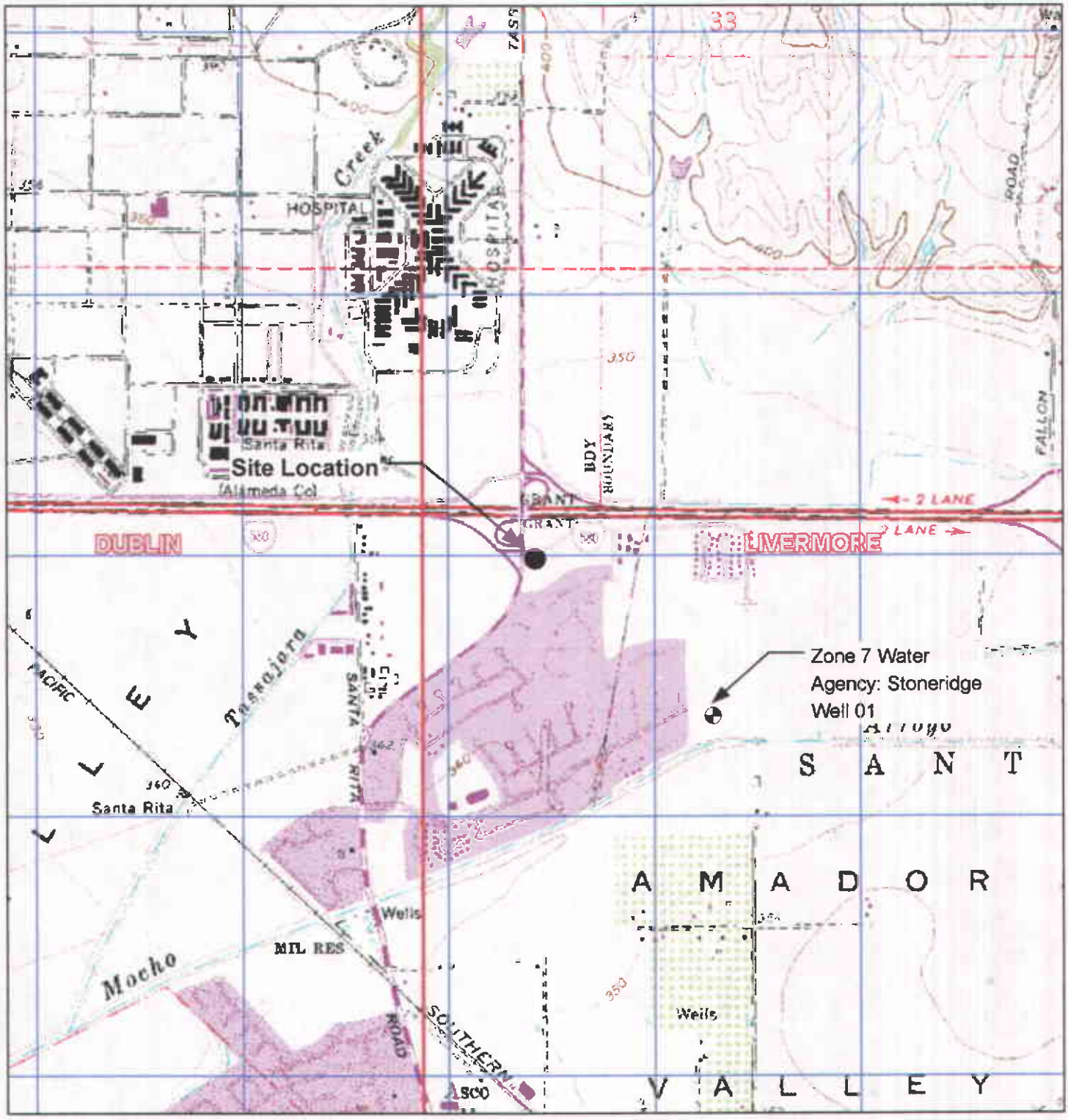
R. Lee Dooley
Senior Hydrogeologist
CHG 0183

REGISTERED GEOLOGIST
R. LEE DOOLEY
No. 0183
CERTIFIED
HYDROGEOLOGIST
EXP. 04/05
STATE OF CALIFORNIA

Attachments: Figure 1 – Site Location and Well Survey Map
Figure 2 – Groundwater Elevation Contour Map
Figure 3 – Benzene and MTBE Concentration Map

Attachment A – Groundwater Monitoring and Sampling Report, November 7, 2003

cc: Karen Petryna, Shell Oil Products US, Carson
Betty Graham, Regional Water Quality Control Board, San Francisco Bay Region



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

North

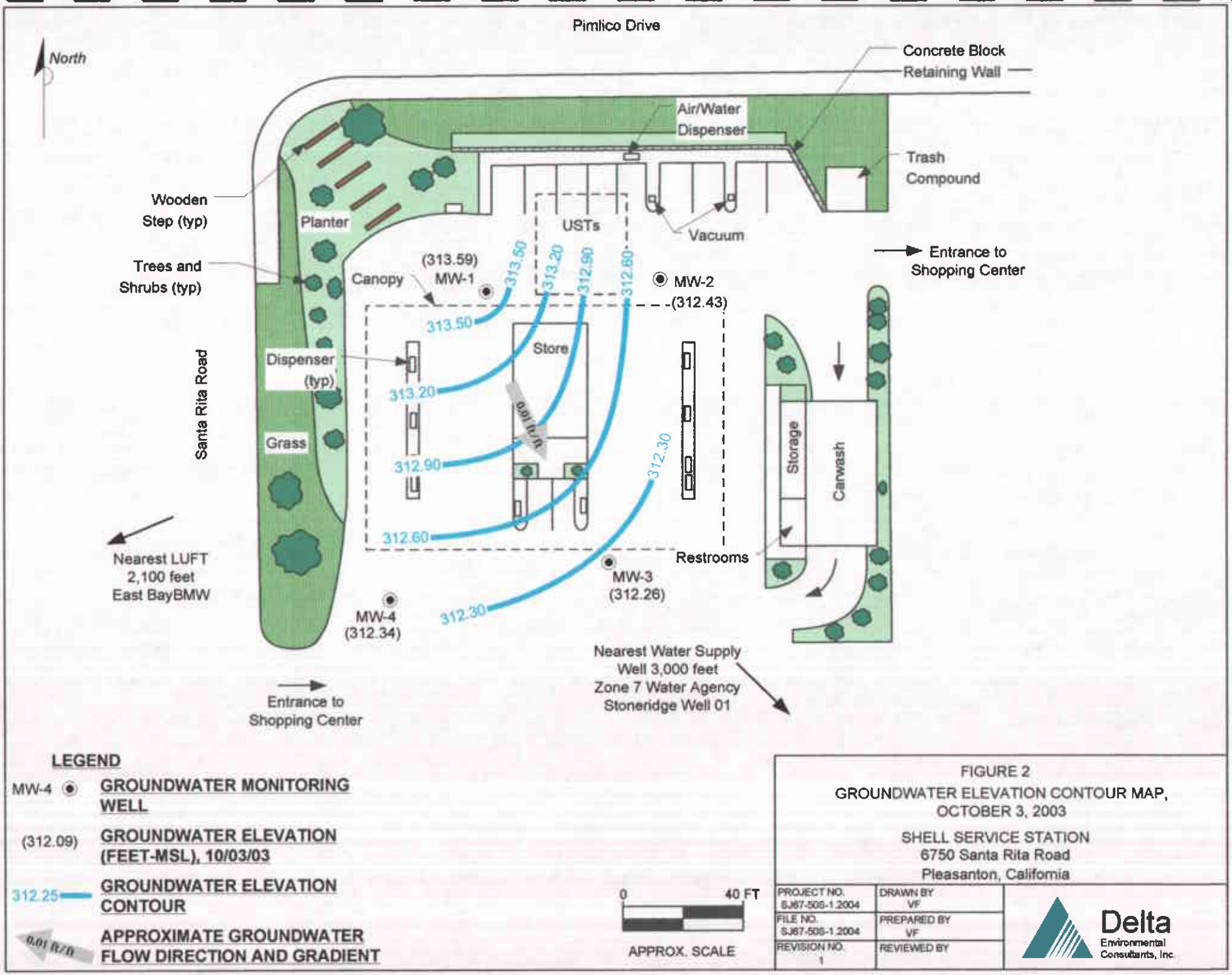
QUADRANGLE LOCATION

0 1,800 3,600
Scale, Feet

FIGURE 1
SITE LOCATION AND WELL SURVEY MAP
SHELL-BRANDED SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-505-1.2004	DRAWN BY VF 12/04/03
FILE NO. SJ67-505-1.2004	PREPARED BY VF
REVISION NO.	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

- MW-4 ◉ **GROUNDWATER MONITORING WELL**
- (312.09) **GROUNDWATER ELEVATION (FEET-MSL), 10/03/03**
- 312.25 **GROUNDWATER ELEVATION CONTOUR**
- 0.01 ft/ft **APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT**

0 40 FT

APPROX. SCALE

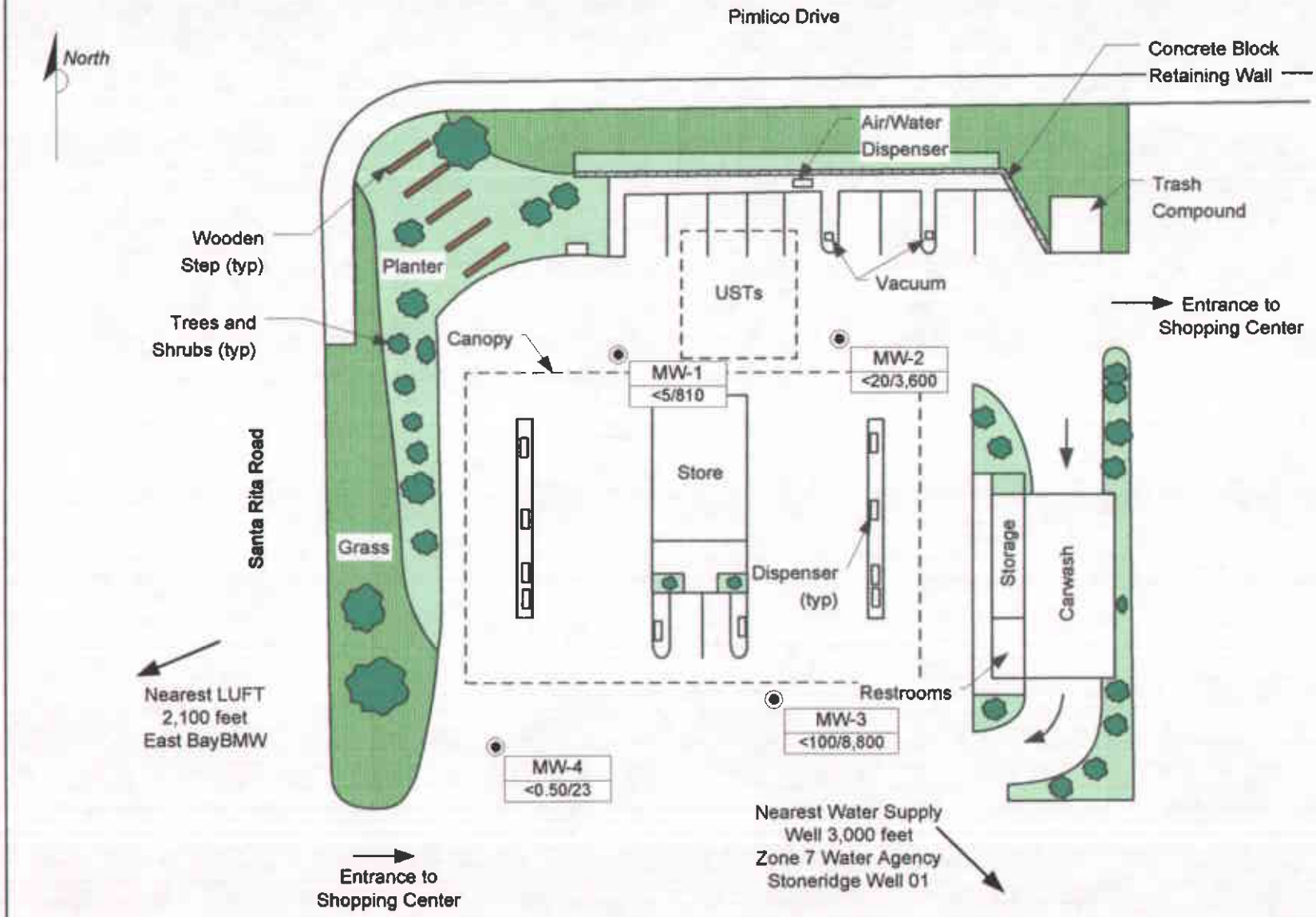
FIGURE 2

GROUNDWATER ELEVATION CONTOUR MAP, OCTOBER 3, 2003

SHELL SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-505-1.2004	DRAWN BY VF
FILE NO. SJ67-505-1.2004	PREPARED BY VF
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND

MW-4 ◉ **GROUNDWATER MONITORING WELL**

MW-4 / <0.50/75 **WELL ID / BENZENE/MTBE CONCENTRATIONS (UG/L), 10/3/03**

0 40 FT

APPROX. SCALE

FIGURE 3

BENZENE AND MTBE CONCENTRATIONS MAP
OCTOBER 3, 2003

SHELL SERVICE STATION
6750 Santa Rita Road
Pleasanton, California

PROJECT NO. SJ67-503-1.2004	DRAWN BY VF
FILE NO. SJ67-503-1.2004	PREPARED BY VF
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.

Attachment A

GROUNDWATER MONITORING AND SAMPLING REPORT

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

November 7, 2003

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

Fourth Quarter 2003 Groundwater Monitoring at
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, CA

Monitoring performed on July 31, August 29,
September 23, October 3 and 28, 2003

Groundwater Monitoring Report **031003-MD-3**

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

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

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

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

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/jt

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

cc: Debbie Arnold
Delta Environmental
175 Bernal Road, Suite 200
San Jose, CA 95119

WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	31.75	NA
MW-1	12/22/2002	<50	81	<0.50	<0.50	<0.50	<0.50	62	NA	31.93	NA
MW-1	03/28/2003	<50	70	<0.50	<0.50	<0.50	<1.0	130	343.48	31.59	311.89
MW-1	05/09/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	280	343.48	31.10	312.38
MW-1	06/30/2003	NA	NA	NA	NA	NA	NA	NA	343.48	31.65	311.83
MW-1	07/08/2003	<250	NA	<2.5	<2.5	<2.5	<5.0	160	343.48	30.90	312.58
MW-1	07/17/2003	NA	NA	NA	NA	NA	NA	NA	343.48	31.53	311.95
MW-1	**07/31/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.48**	**29.95**	**313.53**
MW-1	**08/29/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.48**	**29.99**	**313.49**
MW-1	**09/23/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.48**	**30.02**	**313.46**
MW-1	**10/03/2003**	**<500**	**NA**	**<5.0**	**<5.0**	**<5.0**	**<10**	**810**	**343.48**	**29.89**	**313.59**
MW-1	**10/28/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.48**	**31.38**	**312.10**
MW-2	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	31.25	NA
MW-2	12/22/2002	<200	120	<2.0	<2.0	<2.0	<2.0	660	NA	30.70	NA
MW-2	03/28/2003	<2,500	60	<25	<25	<25	<50	4,200	342.86	30.30	312.56
MW-2	05/09/2003	<2,500	NA	<25	<25	<25	<50	4,000	342.86	29.83	313.03
MW-2	06/30/2003	NA	NA	NA	NA	NA	NA	NA	342.86	30.45	312.41
MW-2	07/08/2003	<2,000	NA	<20	<20	<20	<40	2,800	342.86	29.86	313.00
MW-2	07/17/2003	NA	NA	NA	NA	NA	NA	NA	342.86	30.33	312.53
MW-2	**07/31/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.86**	**29.33**	**313.53**
MW-2	**08/29/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.86**	**29.98**	**312.88**
MW-2	**09/23/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.86**	**30.21**	**312.65**
MW-2	**10/03/2003**	**<2,000**	**NA**	**<20**	**<20**	**<20**	**<40**	**3,600**	**342.86**	**30.43**	**312.43**
MW-2	**10/28/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.86**	**29.79**	**313.07**

WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-3	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	31.65	NA
MW-3	12/22/2002	<2,000	72	<20	<20	<20	<20	8,000	NA	31.10	NA
MW-3	03/28/2003	<5,000	89	<50	<50	<50	<100	10,000	342.23	30.76	311.47
MW-3	05/09/2003	11,000	NA	<100	<100	<100	<200	15,000	342.23	30.04	312.19
MW-3	06/30/2003	NA	NA	NA	NA	NA	NA	NA	342.23	30.23	312.00
MW-3	07/08/2003	<10,000	NA	<100	<100	<100	<200	9,500	342.23	30.11	312.12
MW-3	07/17/2003	NA	NA	NA	NA	NA	NA	NA	342.23	29.80	312.43
MW-3	**07/31/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.23**	**29.94**	**312.29**
MW-3	**08/29/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.23**	**30.05**	**312.18**
MW-3	**09/23/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.23**	**29.95**	**312.28**
MW-3	**10/03/2003**	**<10,000**	**NA**	**<100**	**<100**	**<100**	**<200**	**8,800**	**342.23**	**29.97**	**312.26**
MW-3	**10/28/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**342.23**	**29.97**	**312.26**
MW-4	12/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	32.92	NA
MW-4	12/22/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	93	NA	32.20	NA
MW-4	03/28/2003	<50	67	<0.50	<0.50	<0.50	<1.0	2.4	343.44	32.07	311.37
MW-4	05/09/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	75	343.44	31.35	312.09
MW-4	06/30/2003	NA	NA	NA	NA	NA	NA	NA	343.44	31.42	312.02
MW-4	07/08/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	18	343.44	31.42	312.02
MW-4	07/17/2003	NA	NA	NA	NA	NA	NA	NA	343.44	31.20	312.24
MW-4	**07/31/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.44**	**31.05**	**312.39**
MW-4	**08/29/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.44**	**31.20**	**312.24**
MW-4	**09/23/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.44**	**31.15**	**312.29**
MW-4	**10/03/2003**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**23**	**343.44**	**31.10**	**312.34**
MW-4	**10/28/2003**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**343.44**	**31.14**	**312.30**

WELL CONCENTRATIONS
Shell-branded Service Station
6750 Santa Rita Road
Pleasanton, 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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by 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
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:
Site surveyed November 22, 2002, by Mid Coast Engineers.

SEVERN TRENT STL

Submission#: 2003-10-0237

Blaine Tech Services, Inc.

October 17, 2003

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 031003-MD3
Project: 97464711
Site: 6750 Santa Rita Rd., Pleasanton

Dear Mr.Gearhart,

Attached is our report for your samples received on 10/06/2003 17:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 11/20/2003 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT STL

Submission #: 2003-10-0237

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	10/03/2003 16:30	Water	1
MW-2	10/03/2003 16:35	Water	2
MW-3	10/03/2003 16:45	Water	3
MW-4	10/03/2003 15:10	Water	4

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-1**
Sampled: 10/03/2003 16:30
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260FAB
Lab ID: 2003-10-0237 - 1
Extracted: 10/16/2003 11:42
QC Batch#: 2003/10/16-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	500	ug/L	10.00	10/16/2003 11:42	
Benzene	ND	5.0	ug/L	10.00	10/16/2003 11:42	
Toluene	ND	5.0	ug/L	10.00	10/16/2003 11:42	
Ethylbenzene	ND	5.0	ug/L	10.00	10/16/2003 11:42	
Total xylenes	ND	10	ug/L	10.00	10/16/2003 11:42	
tert-Butyl alcohol (TBA)	540	50	ug/L	10.00	10/16/2003 11:42	
Methyl tert-butyl ether (MTBE)	810	5.0	ug/L	10.00	10/16/2003 11:42	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	10.00	10/16/2003 11:42	
Ethyl tert-butyl ether (ETBE)	ND	20	ug/L	10.00	10/16/2003 11:42	
tert-Amyl methyl ether (TAME)	ND	20	ug/L	10.00	10/16/2003 11:42	
Surrogate(s)						
1,2-Dichloroethane-d4	107.9	76-130	%	10.00	10/16/2003 11:42	
Toluene-d8	97.7	78-115	%	10.00	10/16/2003 11:42	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 10/03/2003 16:35
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-10-0237 - 2
Extracted: 10/16/2003 14:17
QC Batch#: 2003/10/16-1C.62

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	2000	ug/L	40.00	10/16/2003 14:17	
Benzene	ND	20	ug/L	40.00	10/16/2003 14:17	
Toluene	ND	20	ug/L	40.00	10/16/2003 14:17	
Ethylbenzene	ND	20	ug/L	40.00	10/16/2003 14:17	
Total xylenes	ND	40	ug/L	40.00	10/16/2003 14:17	
tert-Butyl alcohol (TBA)	3000	200	ug/L	40.00	10/16/2003 14:17	
Methyl tert-butyl ether (MTBE)	3600	20	ug/L	40.00	10/16/2003 14:17	
Di-isopropyl Ether (DIPE)	ND	80	ug/L	40.00	10/16/2003 14:17	
Ethyl tert-butyl ether (ETBE)	ND	80	ug/L	40.00	10/16/2003 14:17	
tert-Amyl methyl ether (TAME)	ND	80	ug/L	40.00	10/16/2003 14:17	
Surrogate(s)						
1,2-Dichloroethane-d4	111.6	76-130	%	40.00	10/16/2003 14:17	
Toluene-d8	99.5	78-115	%	40.00	10/16/2003 14:17	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 10/03/2003 16:45
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-10-0237 - 3
Extracted: 10/16/2003 14:40
QC Batch#: 2003/10/16-1C.62

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	10000	ug/L	200.00	10/16/2003 14:40	
Benzene	ND	100	ug/L	200.00	10/16/2003 14:40	
Toluene	ND	100	ug/L	200.00	10/16/2003 14:40	
Ethylbenzene	ND	100	ug/L	200.00	10/16/2003 14:40	
Total xylenes	ND	200	ug/L	200.00	10/16/2003 14:40	
tert-Butyl alcohol (TBA)	6600	1000	ug/L	200.00	10/16/2003 14:40	
Methyl tert-butyl ether (MTBE)	8800	100	ug/L	200.00	10/16/2003 14:40	
Di-isopropyl Ether (DIPE)	ND	400	ug/L	200.00	10/16/2003 14:40	
Ethyl tert-butyl ether (ETBE)	ND	400	ug/L	200.00	10/16/2003 14:40	
tert-Amyl methyl ether (TAME)	ND	400	ug/L	200.00	10/16/2003 14:40	
Surrogate(s)						
1,2-Dichloroethane-d4	114.4	76-130	%	200.00	10/16/2003 14:40	
Toluene-d8	105.6	78-115	%	200.00	10/16/2003 14:40	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	**MW-4**	Lab ID:	2003-10-0237 - 4
Sampled:	10/03/2003 15:10	Extracted:	10/16/2003 15:24
Matrix:	Water	QC Batch#:	2003/10/16-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/16/2003 15:24	
Benzene	ND	0.50	ug/L	1.00	10/16/2003 15:24	
Toluene	ND	0.50	ug/L	1.00	10/16/2003 15:24	
Ethylbenzene	ND	0.50	ug/L	1.00	10/16/2003 15:24	
Total xylenes	ND	1.0	ug/L	1.00	10/16/2003 15:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	10/16/2003 15:24	
Methyl tert-butyl ether (MTBE)	23	0.50	ug/L	1.00	10/16/2003 15:24	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	10/16/2003 15:24	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	10/16/2003 15:24	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	10/16/2003 15:24	
Surrogate(s)						
1,2-Dichloroethane-d4	110.0	76-130	%	1.00	10/16/2003 15:24	
Toluene-d8	106.0	78-115	%	1.00	10/16/2003 15:24	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B — Test(s): 8260FAB

Method Blank — **Water** — **QC Batch # 2003/10/16-1C.62**

MB: 2003/10/16-1C.62-014 — Date Extracted: 10/16/2003 10:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	10/16/2003 10:14	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	10/16/2003 10:14	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	10/16/2003 10:14	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	10/16/2003 10:14	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	10/16/2003 10:14	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	10/16/2003 10:14	
Benzene	ND	0.5	ug/L	10/16/2003 10:14	
Toluene	ND	0.5	ug/L	10/16/2003 10:14	
Ethylbenzene	ND	0.5	ug/L	10/16/2003 10:14	
Total xylenes	ND	1.0	ug/L	10/16/2003 10:14	
Surrogates(s)					
1,2-Dichloroethane-d4	103.6	76-130	%	10/16/2003 10:14	
Toluene-d8	95.7	78-115	%	10/16/2003 10:14	

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2003/10/16-1C.62**

LCS 2003/10/16-1C.62-030 Extracted: 10/16/2003 Analyzed: 10/16/2003 09:30

LCSD 2003/10/16-1C.62-052 Extracted: 10/16/2003 Analyzed: 10/16/2003 09:52

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.4	20.8	25	97.6	83.2	15.9	65-165	20		
Benzene	23.0	21.4	25	92.0	85.6	7.2	69-129	20		
Toluene	23.9	21.9	25	95.6	87.6	8.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	521	496	500	104.2	99.2		76-130			
Toluene-d8	514	486	500	102.8	97.2		78-115			

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 031003-MD3
97464711

Received: 10/06/2003 17:00

Site: 6750 Santa Rita Rd., Pleasanton

Legend and Notes

Analysis Flag

o

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

LAB: STL

SHELL Chain Of Custody Record

78130

Lab Identification (if necessary):
Address:
City, State, Zip:

Shell Project Manager to be Invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

2003-10-0237

INCIDENT NUMBER (S&E ONLY): 9 7 4 6 4 7 1 1

SAP or CRMT NUMBER (TS/CRMT):

DATE: 10/3/07

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS (Street and City): 6750 Santa Rita Rd., Pleasanton	GLOBAL ID NO.: pending
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112		EDF DELIVERABLE TO (Responsible Party or Designee): Garrett Haertel	PHONE NO.: (408)224-4724
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart		EMAIL: ghaertel@deltaenv.com	CONSULTANT PROJECT NO.: 031003-MD3 BTS #
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com	SAMPLER NAME(S) (Print): Johnathan De Jong

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ______

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

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

REQUESTED ANALYSIS

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

4.4°C
TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	TPH - Diesel, Extractable
	MW-1	10/3/07	1630	W	3	✓	✓			✓	
	MW-2	↓	1635	↓	3	✓	✓			✓	
	MW-3	↓	1645	↓	3	✓	✓			✓	
	MW-4	↓	1510	↓	3	✓	✓			✓	

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
John De Jong	[signature]	10/6/03	1320
[signature] 10/6/03 1700	Denise Harrington / STL-SF	10/6/03	1700

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.

10/18/00 Revision

WELLHEAD INSPECTION CHECKLIST

Client 97464711 Date 10/28/03

Site Address ~~6750~~ 6750 Santa Rita Rd. Pleasanton

Job Number 031028-MD1 Technician John DeJong

Well ID	Well Inspected - No Corrective Action Required	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	✓							
MW-2	✓							
MW-3	✓							
MW-4	✓							

NOTES:

WELLHEAD INSPECTION CHECKLIST

Client 97464711 Date 10/3/03

Site Address 6750 Santa Rita Rd., Pleasanton

Job Number 03100J-MD3 Technician John DeJong

Well ID	Well Inspected - No Corrective Action Required	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							

NOTES:

WELLHEAD INSPECTION CHECKLIST

Client 97464711 Date 9/23/03

Site Address 6750 Santa Rita Rd., Pleasanton

Job Number 030923-MD1 Technician John DeJong

Well ID	Well Inspected - No Corrective Action Required	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	✓							
MW-2	✓							
MW-3	✓							
MW-4	✓							

NOTES:

SITE INSPECTION CHECKLIST

Client Shell Date 9/18/03

Site Address 6750 Santa Rita Rd., Pleasanton, CA

Job Number 030918-M64 Technician MA

Site Status Shell Branded Station Vacant Lot Other

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

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

Outstanding Problems / Comments (In addition to other issues, note all SOW wellboxes that, by design, are not securable)

PROJECT COORDINATOR ONLY

Checklist Reviewed LG 9/22/03 Initial/Date Notes

REPAIR DATA SHEET

Client Shell Date 9/18/03

Site Address 6750 Santa Rita Rd., Pleasanton, CA

Job Number 030918-MG4 Technician MG

Repair Location MW-1	Repair Location MW-3
Deficiencies Corrected Rim seal broken Added new Gasket	Deficiencies Corrected Rim seal damaged Added new gasket
Materials Used Gasket	Materials Used Gasket
Repair Location	Repair Location
Deficiencies Corrected	Deficiencies Corrected
Materials Used	Materials Used
Repair Location	Repair Location
Deficiencies Corrected	Deficiencies Corrected
Materials Used	Materials Used

WELL GAUGING DATA

Project # 031028-MS1 Date 10/28/03 Client 9746711

Site 6750 Santa Rita Rd., Pleasanton

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	2					31.38	44.00		
* MW-2	2					29.79	41.75		
MW-3	2					29.97	43.91		
MW-4	2					31.14	43.98	TOC	
	*	gauged w/ stinger in well					--		

SHELL WELL MONITORING DATA SHEET

BTS #: ~~MW-2~~ 031028-MD-1	Site: 9746411
Sampler: John Dedony	Date: 10/28/03
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 41.75	Depth to Water (DTW): 29.79
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]:	

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:

overpurge 2 hrs (or 20% of truck's water)

____(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
1320			Begin purging @	1.5 gpm		DTW = 29.35
1420					15	MW1=29.85 MW3=30.87 MW2=38.61 MW4=31.05
1450			5 [illegible] purging	to .25 gpm	30	MW1=29.92 MW3=30.12 MW2=39.21 MW4=30.92
1520					37.5	MW1=29.95 MW3=30.12 MW2=39.11 MW4=31.0
1550					45	MW1=29.91 MW3=30.02 MW2=39.41 MW4=30.03

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:		Laboratory: STL Other____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 031028-MD1	Site: 97464711
Sampler: John DeJong	Date: 10/28/03
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.91	Depth to Water (DTW): 29.97
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:________

overpurge 6hrs (or 80 capacity of truck & trailer)

____ (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	DTW Observations
745		Began	Purging @	15 gpm	—	29.97
815					15	mw-1=31.02 mw-3=40.12 mw-2=29.42 mw-4=31.12
845					30	mw-1=30.75 mw-3=39.42 mw-2=29.42 mw-4=31.12
915		Slowed	purge to	.25gpm	45	mw-1=30.53 mw-3=41.01 mw-2=29.42 mw-4=31.12
945					~~[illegible]~~ 52.5	mw-1=30.35 mw-3=38.41 mw-2=29.35 mw-4=~~[illegible]~~ 31.12

Did well dewater? Yes No	Gallons actually evacuated:	
Sampling Date:	Sampling Time:	Depth to Water:
Sample I.D.:	Laboratory: STL Other____	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd): Pre-purge: mg/L	Post-purge: mg/L	
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV	

WELL ~~DEVELOPMENT~~ DATA SHEET

overpurge

Well I.D.	PAGE 2 OF 2
Project #: 031028-MW1	Client: 9746411

Overpurge of MW-3

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1015					60	MW-1 = 30.24 MW-3 = 37.83 MW-2 = 29.35 MW-4 = 31.12
1045					67.5	MW-1 = 30.18 MW-3 = 40.10 MW-2 = 29.35 MW-4 = 31.12
1115					75	MW-1 = 30.12 MW-3 = 41.13 MW-2 = 29.35 MW-4 = 31.12
1145					82.5	MW-1 = 30.07 MW-3 = 41.12 MW-2 = 29.38 MW-4 = 31.08
1215		Purging Gal.	.25 gpm		90	MW-1 = 30.00 MW-3 = 40.53 MW-2 = 29.35 MW-4 = 31.06
1245					97.5	MW-1 = 30.00 MW-3 = 40.79 MW-2 = 29.36 MW-4 = 31.10
1315					105	MW-1 = 30.00 MW-3 = 41.02 MW-2 = 29.35 MW-4 = 31.11
1345					122.5	MW-1 = 29.95 MW-3 = 42.32 MW-2 = 29.35 MW-4 = 31.04

WELL GAUGING DATA

Project # 031003-MD3 Date 10/3/03 Client 97464711

Site 6750 Santa Rita Rd., Pleasanton

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	2					29.89	44.00		
* MW-2	2					30.43	41.75		
MW-3	2					29.97	43.91		
MW-4	2					31.10	43.98		
	* gauged w/stinger in well								

SHELL WELL MONITORING DATA SHEET

BTS #: 031003-MD3	Site: 97164711
Sampler: John DeJong	Date: 10/3/03
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): 44.00	Depth to Water (DTW): 29.89
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]: 32.71	

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

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

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

2.3 (Gals.) X 3 = 6.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1529	68.5	7.2	2597	7200	2.3	tan, cloudy, slight gas odor
1532	67.7	7.3	2634	>200	4.6	
1534	66.8	7.1	2658	>200	6.9	
					DTW = 37.7	

Did well dewater? Yes (No) Gallons actually evacuated: 6.9

Sampling Date: 10/3/03 Sampling Time: 1630 Depth to Water: 35.28

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

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 #: 031003-MD3	Site: 97464711
Sampler: John DeJong	Date: 10/3/03
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): 41.75	Depth to Water (DTW): 30.43
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]: 32.69	

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

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

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

1.8 (Gals.) X 3 = 5.4 Gals.
1 Case Volume / Specified Volumes / Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1546	67.0	7.1	2668	7200	1.8	cloudy, tan, slight gasoline
1549	66.9	7.1	2838	7200	3.6	more turbidity tan
1552	67.0	7.1	3019	7200	5.4	less turbid
						DTW=36.85

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

Sampling Date: 10/3/03 Sampling Time: 1635 Depth to Water: 31.14

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

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 #: 031003-MD3	Site: 97464711
Sampler: John DeJong	Date: 10/3/03
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 43.91	Depth to Water (DTW): 29.97
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]: 32.76	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1603	67.1	7.1	2871	>200	2.2	cloudy, tan, gas odor
1607	67.2	7.2	2845	>200	4.4	
1609	67.3	7.2	2802	>200	6.6	
					DTW = 37.12	

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

Sampling Date: 10/3/03 Sampling Time: 1645 Depth to Water: 30.37

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

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 #: 031003-MD3	Site: 97464 711
Sampler: John DeJong	Date: 10/3/03
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.98	Depth to Water (DTW): 31.10
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]: 33.68	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1512	69.3	7.3	2428	>200	2	tan/cloudy
1513	68.2	7.2	2417	>200	4	
1515	67.7	7.1	2522	>200	6	
					DTW= 36.12	

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

Sampling Date: 10/3/03 Sampling Time: 1510 Depth to Water: 31.16

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

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

WELL GAUGING DATA

Project # 030923-MD1 Date 9/23/03 Client 97464711

Site 6750 Santa Rita Rd., Pleasanton

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						30.02	44.00		
* MW-2						30.21	41.75		
MW-3						29.95	43.91		
MW-4						31.15	43.98		
		* gauged w/ stinger in well							

SHELL WELL MONITORING DATA SHEET

Pg 1 of 2

BTS #: 030923-MD1	Site: 97464 7th
Sampler: John DeJong	Date: 9/23/03
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 43.91	Depth to Water (DTW): 29.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.53

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:

6hr Overpurge

2.2 (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	DTW Observations
700	Started	Purging	@	~.5gpm		DTW= 29.95
730					15	MW1=29.91 MW3=36.15 MW2=29.75 MW4=31.15
750	well	dewatered	@		25gal	MW-3=41.14 754 DTW=35.93 751 DTW=40.65 755 DTW=34.9 750 DTW=34.91 750 DTW=38.85
755	began	purging	again	@ .25gpm		DTW 34.91 MW2= 29.57 MW4= 31.14 MW1=29.93

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: STL Other

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

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

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

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

WELL DEVELOPMENT DATA SHEET

6hr overpurge

Well I.D. MW-3	PAGE 2 OF 2
Project #: 030923-MD1	Client: 97464711

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS: DTW	
~~700~~				≈3gpm		~~MW3=29.75~~	
825					35 gal.	MW1 =29.93 MW2 =29.47	MW3=40.15 MW4=31.14
855					45 gal.	MW1 = 30.03 MW2=29.51	MW3=40.95 MW4=31.14
925					55 gal.	MW1 =30.03 MW2=29.47	MW3 -40.75 MW4 =31.14
955					65 gal.	MW1 =30.03 MW2 = 29.47	MW3 =39.94 MW4 =31.21
1025					75 gal.	MW1 =30.03 MW2 =29.47	MW3=39.52 MW4 = 31.21
1055					85 gal.	MW1 =30.03 MW2 =29.47	MW3=37.17 MW4=31.21
1125					95 gal.	MW1 =30.03 MW2 = 29.47	MW3=40.83 MW4=31.21
1155					105 gal.	MW1 =30.01 MW2 - 29.41	MW3 =40.72 MW4 =31.21
1225					115 gal.	MW1 =29.94 MW2 =29.29	MW3=40.92 MW4=31.21
1255					125 gal.	MW1=29.95 MW2 =29.35	MW3 = 40.74 MW4 = 31.17
1300		stopped purging			126 gal.	MW1 = 29.95 MW2 =29.30	MW3= 40.51 MW4 = 31.17

WELL MONITORING DATA SHEET

pg 1 of 2

Project #: 070923-MD1	Client: 97464711
Sampler: John DeJong	Start Date: 9/23/03
Well I.D.: MW2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 41.75	Depth to Water: 30.21
~~Before:~~ ~~After:~~	Before: After:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method: 60% recharge = 34.83

Bailer
Disposable Bailer
~~Positive Air Displacement~~
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other

Sampling Method: Bailer
Disposable Bailer
Extraction Port
Dedicated Tubing
Other:

overpurge 2 hrs

Case Volume (Gals.) X Specified Volumes = Calculated Volume 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 or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1310	Began purging @ .25 gpm					DTW=29.75
1340					10	MW1=29.90 MW3=30.5 MW2=37.73 MW4=31.14
1405	well dewatered				18 gal	1405 MW2=40.32 1408 MW2=40.15
MW2= 1414 MW2=	39.91 1409 MW2= 38.06	39.59 1415 MW2= 37.86	39.21 1418 MW2= 37.51	39.00 1413 MW2= 37.34	38.86 1412 MW2= 37.14	38.61 1419 MW2= 38.38 1420 MW2= 38.75
1425 MW2= 35.71		1430 MW2= 34.75	→ see pg. 2			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: STL

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

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

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

WELL MONITORING DATA SHEET

Pg 2 of 2

Project #: 030923-MD1	Client: 97464711
Sampler: John DeJong	Start Date: 9/22/03
Well I.D.: MW2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 41.75	Depth to Water: 30.21
Before: After:	Before: After:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

Sampling Method:
- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other:_____

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

_____(Gals.) X _____ = _____ Gals.
Case Volume Specified Volumes Calculated Volume

Time	Temp. (°F or °C)	pH	Conductivity (mS or µS)	Turbidity (NTU)	Gals. Removed	Observations
1430		Dtw= 34.75	Begin purging @ ~.2gpm			MW1=29.89 MW3=30.1 MW4=31.1
1600					24	MW1=29.93 MW3=30.0 MW2=39.18 MW4=31.0
1510		stopped purging			25	MW1=29.96 MW3=30.0 MW2=39.51 MW4=31.15

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date:

Sample I.D.: Laboratory: STL

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

Equipment Blank I.D.: @ Time Duplicate I.D.:

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

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

WELL GAUGING DATA

Project # 030829-BA1 Date 8/29/03 Client Shell

Site 6750 Santa Rita Rd, Pleasanton

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 ~~MW-2~~	2					29.99	44.00	TOC	
MW-2	2	gauged w/ stinger in well				29.98	41.75		stinger
MW-3	2	.				30.05	43.95		
MW-4	2					31.20	43.98		

SHELL WELL MONITORING DATA SHEET

Page 1 & 2

BTS #: 030829-BA1	Site: 6750 Santa Rita Rd, Pleasanton
Sampler: Brian Alcorn	Date: 8/29/03
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.91	Depth to Water (DTW): 30.05
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:

6 Hour Overpurge Event

____(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
0800	Brian Purging w/PAD @ 1/2 GPM					DTW = 30.05
0830	MW-1 = 29.93	MW-2 = 29.93	MW-4 = 31.20		15 gallons	36.42
0900	29.78		29.55	31.22	30	38.40
0930	30.00		29.51	31.21	45	38.12
1000	29.99		29.48	31.22	60	37.85

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: STL Other		
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):		
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-3	PAGE 2 OF 2
Project #: 030829-BA1	Client: Shell - 6750 Santa Rita Rd. Pleasanton

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1050	MW-1=	29.99 MW-2=29.46MW-4 = 31.22			75	DTW = 38.02
1100		29.98	29.48	31.22	90	38.38
1130		29.99	29.47	31.22	105	38.35
1200		29.98	29.46	31.21	120	38.45
1230		29.98	29.46	31.21	135	38.48
1300		29.97	29.47	31.20	150	38.45
1330		29.99	29.45	31.21	165	38.57
1400		29.99	29.46	31.21	180	38.48

SHELL WELL MONITORING DATA SHEET Page 1 of 2

BTS #: 030829-BA1	Site: 6750 Santa Rita Rd, Pleasanton
Sampler: Brian Alcorn	Date: 8/29/03
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 41.75	Depth to Water (DTW): 29.46 w/stinger
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with ~~80%~~ 100 Recharge [(Height of Water Column x ~~0.20~~ 0.4) + DTW]: 34.38	

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: _____

submersed stinger, Purge 2 Hour Quarterly Event

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1400	Began Purging w/PAD @		1/2 gpm			DTW = 29.46
1420	Well Dewatered @ 10 gallons					38.30
1440	Monitored well each minute for 15 minutes and again at 20. Recharge @ .2 fpm					
	Resumed purging @ 1/4 gpm					
1440	MW-1 = 35.35	MW-3 = 29.96	MW-4 = 31.18		10	34.30

Did well dewater?	Yes	No	Gallons actually evacuated:		
Sampling Date:		Sampling Time:		Depth to Water:	
Sample I.D.:			Laboratory: STL	Other_____	
Analyzed for: TPH-G	BTEX	MTBE	TPH-D	Other:	
EB I.D. (if applicable):	@ Time		Duplicate I.D. (if applicable):		
Analyzed for: TPH-G	BTEX	MTBE	TPH-D	Other:	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-2	PAGE 2 OF 2
Project #: 030829-BA1	Client: Shell - 6750 Santa Rita Rd Pleasanton

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1500	MW-1 =	30.00 MW-3	= 30.25 MW	-4 = 31.17	15	DTW = 36.08
1530		29.95	30.12	31.14	22.5	38.40
1540	Well Dewatered @ 25 gallons					38.89
1600	Monitored well each minute for 15 minutes and again at 20. Recharge @ .2 gpm					
1600		29.94	30.08	31.14	25	34.89

WELL GAUGING DATA

Project # 030734-AC Date 7/31/03 Client 97464711

Site 6750 Santa Rita Rd Pleasanton

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	2					29.95	44.00	TOC	
MW-2	2					29.33	41.75		
MW-3	2					29.94	43.91		
MW-4	2					31.05	43.98		
* stinger in well									

SHELL WELL MONITORING DATA SHEET

BTS #: 030731-AC	Site: 97464711
Sampler: AC	Date: 7/31/03
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 41.75	Depth to Water (DTW): 29.33
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with ~~80~~ 90% Recharge [(Height of Water Column x ~~0.20~~ 0.40) + DTW]: 34.29	

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

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

2 Hour Overpurge

_____(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
1230	started	overpurge w/	M.B. pump	@ .5 gpm		DTW = 29.40
1300					15	MW-1=29.99 MW-3=30.19 MW-2=29.95 MW-4=31.22
1330					30	MW-1=30.09 MW-3=30.12 MW-2=29.52 MW-4=31.29
1400					45	MW-1=30.14 MW-3=30.08 MW-2=29.97 MW-4=31.36
1430					60	MW-1=30.08 MW-3=29.96 MW-2=29.56 MW-4=31.00

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: MW-2 Laboratory: STL Other_____

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

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

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

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

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

Wells will not Dewater @ a rate of .5 gpm or less

SHELL WELL MONITORING DATA SHEET

BTS #: 030731 - AC1	Site: 97964711
Sampler: AC	Date: 7/31/03
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 43.91	Depth to Water (DTW): 29.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 35.52	

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:

6 Hour Overpurge

_____(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
0630	Started purge w/ M.P. pump @ .5 gpm					DTW = 29.94
0700					15	MW-1 = 30.05 MW-3 = 30.08 MW-2 = 29.90 MW-4 = 31.06
0730					30	MW-1 = 30.02 MW-3 = 30.16 MW-2 = 29.81 MW-4 = 31.14
0800					45	MW-1 = 30.16 MW-3 = 30.29 MW-2 = 29.89 MW-4 = 31.21
0830					60	MW-1 = 30.18 MW-3 = 30.85 MW-2 = 29.91 MW-4 = 31.25

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.: MW-3	Laboratory: STL Other		
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):		
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

* Wells will not De-Water @ a rate of .5 gpm or less *

WELL DEVELOPMENT DATA SHEET

Well I.D. MW-3	PAGE 2 OF 2
Project #: 030731-Acl	Client: 97464711

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:	
900					75	MW-1 = 30.04	MW-3 = 31.01
						MW-2 = 29.39	MW-4 = 31.19
0930					90	MW-1 = 30.11	MW-3 = 31.04
						MW-2 = 29.39	MW-4 = 31.21
1000					105	MW-1 = 30.19	MW-3 = 31.09
						MW-2 = 29.42	MW-4 = 31.04
1030					120	MW-1 = 30.21	MW-3 = 31.07
						MW-2 = 29.38	MW-4 = 31.15
1100					136	MW-1 = 30.01	MW-3 = 31.08
						MW-2 = 29.39	MW-4 = 31.21
1130					150	MW-1 = 30.05	MW-3 = 31.11
						MW-2 = 29.30	MW-4 = 31.02
1200					165	MW-1 = 30.18	MW-3 = 31.06
						MW-2 = 29.83	MW-4 = 31.08
1230					180	MW-1 = 30.24	MW-3 = 31.09
						MW-2 = 29.42	MW-4 = 31.19