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RELEASE # 3431
TEXACO
MAPLE VALLEY
UST # 3358

www.deltaenv.com

July 25, 2006

Ms. Carol Campagna
Shell Oil Products US
20945 S. Wilmington Avenue
Carson, California 90810-1039

Sent via Regular Mail

SUBJ: SHELL GRASP MONITORING REPORT
Shell Service Station
21641 Maple Valley Highway
Maple Valley, Washington
Delta Project ST21-641-G

Dear Ms. Campagna:

Delta Environmental Consultants, Inc. (Delta), has prepared this Shell GRASP Monitoring Report for the above referenced site.

GRASP (GRoundwater ASsessment Program) is a voluntary initiative by SHELL to install groundwater monitoring wells at numerous retail service stations nationwide that do not have any active release cases but have been identified to be in close proximity to one or more public water supply wells. The purpose of this program is to proactively monitor the groundwater beneath these sites and, in the event of a subsurface release, to respond quickly to protect public wells from this impact.

If you have any questions regarding this site, please contact Mr. Brian Pletcher (Delta) at (503) 639-8098

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Jamey Peterson
Staff Scientist



Edward Crell

RECEIVED
JUL 28 2006
DEPT OF ECOLOGY

Ward Crell, R.G.
Senior Geologist

Attachments: Shell GRASP Monitoring Report

cc: John Wietfield, Department of Ecology, 3190 160th Avenue SE Bellevue, Washington 98008-5452
Shell Oil Products US, Seattle Terminal, 2555 13th Avenue SW, Seattle, Washington 98134



July 25, 2006

SHELL GRASP MONITORING REPORT

Station Address: 21641 Maple Valley Highway
Maple Valley, Washington
SHELL GRASP Incident No.: 97420022
DELTA Project No.: ST21-641-G
SHELL Environmental Engin./Phone No.: Carol Campagna / (707) 399-7878
DELTA Project Manager/Phone No.: Brian Pletcher / (503) 639-8098

Current Phase of Project: GRASP Groundwater Monitoring
Frequency of Sampling: Semi-Annual
Frequency of Monitoring: Semi-Annual
Is Separate Phase Hydrocarbon Present On-site Yes No
(Well #'s):
Cumulative SPH Recovered to Date : None
SPH Recovered This Quarter : None
Sensitive Receptor(s) Information: Nearest production well is a municipal supply well, approximately 845 ft east of the site
Approximate Depth to Groundwater: 11.34 to 12.75 feet
Groundwater Gradient: WSW @ approximately 0.008 ft/ft
Summary of Unusual Activity: None

Brian Pletcher
Project Manager (Delta)

ATTACHED:

- Table 1 – Groundwater Gauging and Analytical Results
- Figure 1 – Site Location Map
- Figure 2 – Groundwater Elevation Contour Map
- Figure 3 – Hydrocarbon Distribution in Groundwater Map
- Appendix A – Field Data Sheets
- Appendix B – Field Procedures
- Appendix C – Laboratory Report and Chain-of-Custody Documents

TABLE

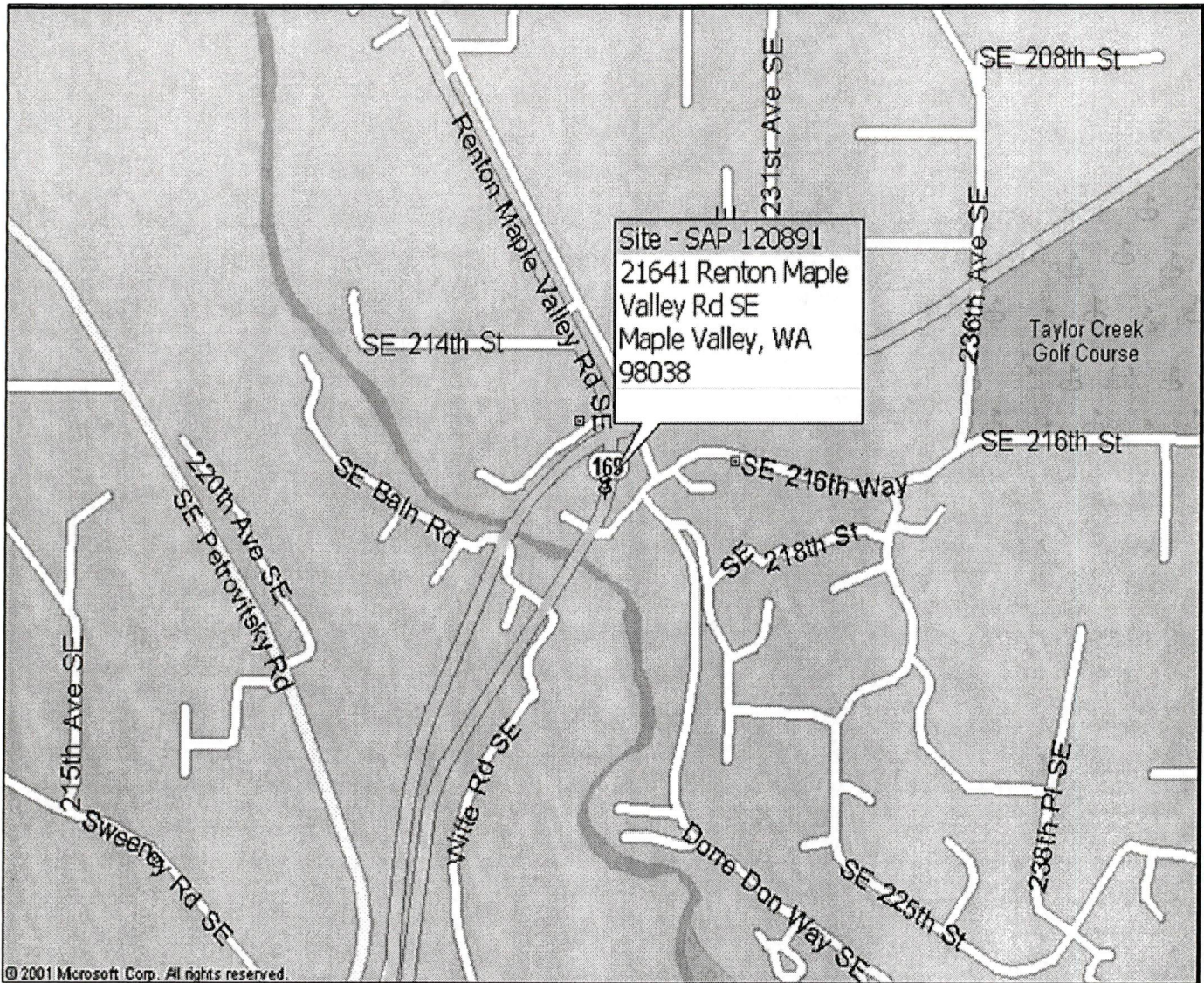
TABLE 1
GROUNDWATER GAUGING AND ANALYTICAL DATA
 21641 Maple Valley Highway
 Maple Valley, Washington

Sample I.D.	Sample Date	TPH-G (µg/l)	TPH-D (µg/l)	TPH-O (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Ethanol (µg/l)	Depth to GW (feet)	SPH (feet)	GW Elev. ¹ (feet)
MW-1b	12/19/02	<250	<250	<750	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	NA	12.53	0.00	327.50
340.03	05/13/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	12.47	0.00	327.56
	08/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.10	0.00	326.93
	12/10/03	530	<250	<500	240	180	5.7	21.2	<1	<5	<5	<5	<50	<5,000	12.25	0.00	327.78
	01/08/04 ²	<100	NA	NA	<0.25	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	12.35	0.00	327.68
	05/26/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.75	0.00	327.28
	11/15/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.95	0.00	327.08
	05/24/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	12.44	0.00	327.59
	10/26/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	13.10	0.00	326.93
	04/26/06	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	150	12.39	0.00	327.64
MW-2b	12/19/02	<250	<250	<750	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	NA	11.57	0.00	327.85
339.42	05/13/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	11.51	0.00	327.91
	08/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.50	0.00	326.92
	12/10/03	<250	<250	<500	3.2	2.6	<1	<1	<1	<5	<5	<5	<50	<5,000	11.32	0.00	328.10
	01/08/04 ²	<100	NA	NA	<0.25	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	11.41	0.00	328.01
	05/26/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	11.78	0.00	327.64
	11/15/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	11.97	0.00	327.45
	05/24/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	12.41	0.00	327.01
	10/26/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	12.04	0.00	327.38
	04/26/06	<50.0	<236	<472	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	150	11.34	0.00	328.08
MW-12	12/19/02	<250	<250	<750	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	NA	12.95	0.00	327.43
340.38	05/13/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	12.90	0.00	327.48
	08/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.21	0.00	327.17
	12/10/03	<250	<250	<500	32	24	<1	2.3	<1	<5	<5	<5	<50	<5,000	12.66	0.00	327.72
	01/08/04 ²	<100	NA	NA	0.326	2.14	<0.5	<1	NA	NA	NA	NA	NA	NA	12.83	0.00	327.55
	05/26/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.10	0.00	327.28
	11/15/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.29	0.00	327.09
	05/24/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	12.80	0.00	327.58
	10/26/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	13.41	0.00	326.97
	04/26/06	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	150	12.75	0.00	327.63

TABLE 1
GROUNDWATER GAUGING AND ANALYTICAL DATA
 21641 Maple Valley Highway
 Maple Valley, Washington

Sample I.D.	Sample Date	TPH-G (µg/l)	TPH-D (µg/l)	TPH-O (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Xylenes (µg/l)	MTBE (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TBA (µg/l)	Ethanol (µg/l)	Depth to GW (feet)	SPH (feet)	GW Elev. ¹ (feet)
MW-13	12/19/02	<250	<250	<750	<0.5	0.69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	NA	12.70	0.00	327.49
340.19	05/13/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	12.62	0.00	327.57
	08/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.52	0.00	326.67
	12/10/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.37	0.00	327.82
	01/08/04 ²	<100	NA	NA	<0.25	<0.5	<0.5	<1	NA	NA	NA	NA	NA	NA	12.54	0.00	327.65
	05/26/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.83	0.00	327.36
	11/15/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.01	0.00	327.18
	05/24/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	12.51	0.00	327.68
	10/26/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	13.28	0.00	326.91
	04/26/06	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	150	12.44	0.00	327.75
MTCA Method A Cleanup Levels:		1000³	500	500	5	1000	700	1000	20	-	-	-	-	-	-	-	-
Notes: µg/l = micrograms per liter TOC = Top of well casing elevation (feet) SPH = Separate-phase hydrocarbons TPH-G = Total Petroleum Hydrocarbons as Gasoline TPH-D = Total Petroleum Hydrocarbons as Diesel TPH-O = Total Petroleum Hydrocarbons as Oil MTBE = Methyl tert-butyl ether DIPE = Di-isopropyl ether ETBE = Ethyl tert-butyl ether TAME = tert-Amyl methyl ether TBA = t-Butyl Alcohol NA = Not analyzed <n = Below the detection limit TPH-D and TPH-O quantified using Northwest Method NWTPH-Dx TPH-G quantified using Northwest Method NWTPH-Gx BTEX Compounds, MTBE, DIPE, ETBE, TAME, and TBA analyzed using EPA Method 8260B ¹ TOC elevation and groundwater elevation relative to Mean Sea Level ² Well was purged prior to groundwater sampling on January 8, 2004 ³ MTCA Method A Cleanup Level for TPH-Gasoline is 800 µg/l if benzene is detectable in groundwater.																	

FIGURES



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NOT TO SCALE

FIGURE 1

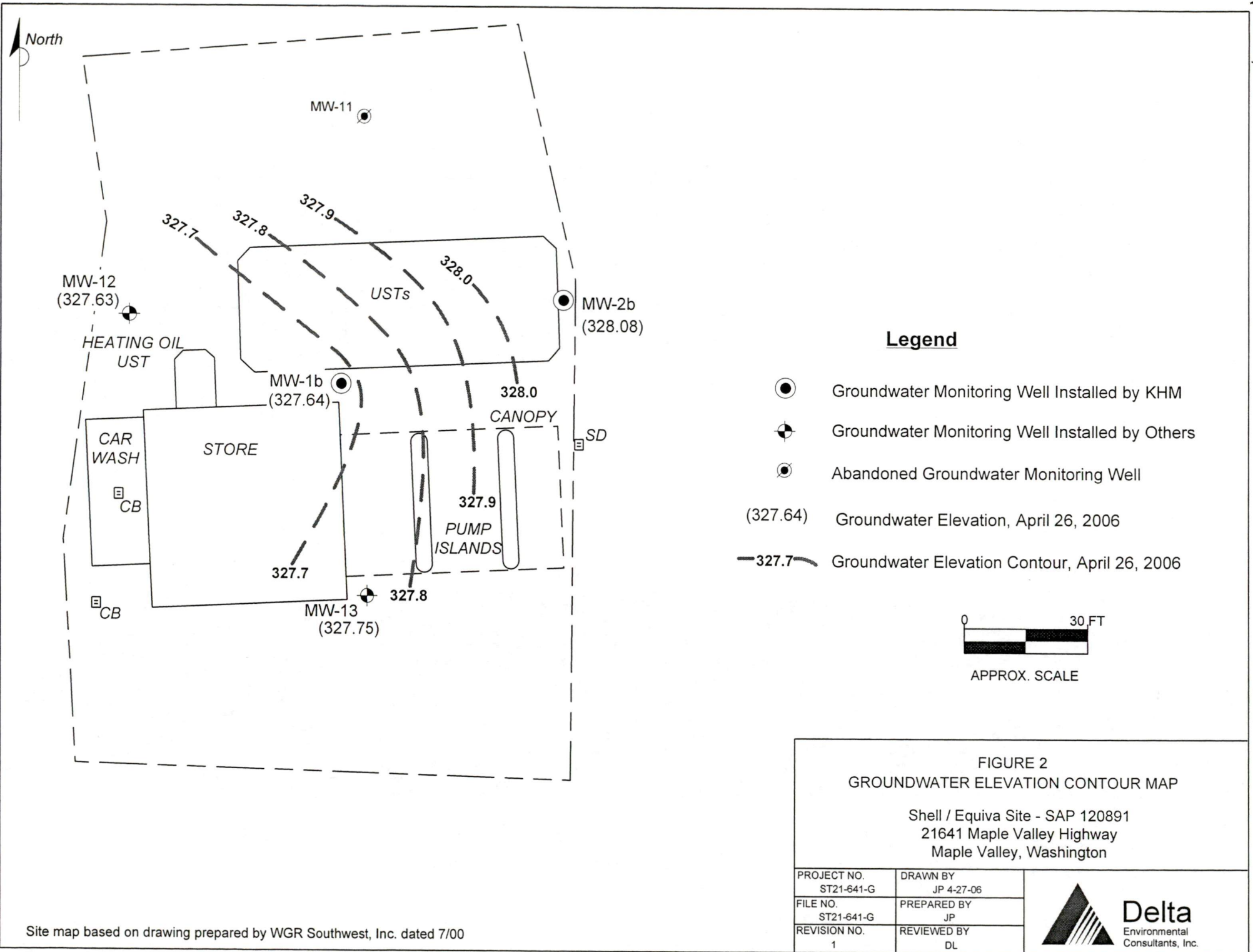
SITE LOCATION MAP

Shell / Equiva Site - SAP 120891
 21641 Maple Valley Highway
 Maple Valley, Washington

PROJECT NO. ST21-641-G	DRAWN BY SB 12-10-04
FILE NO. ST21-641-G	PREPARED BY SB
REVISION NO. 1	REVIEWED BY DL



GENERAL NOTES:
 BASE MAP FROM MICROSOFT STREETS & TRIPS 2003



North

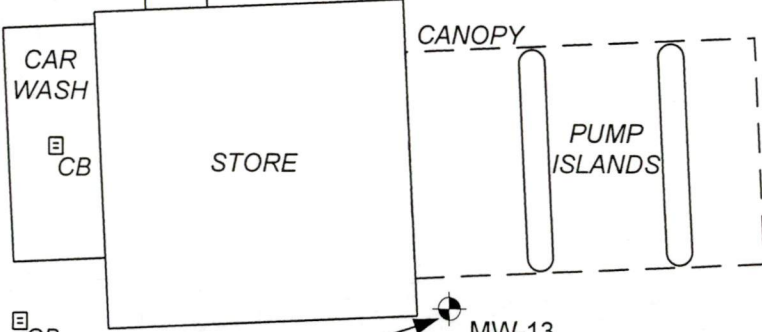
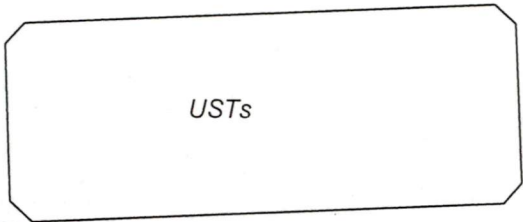
MW-12	
TPH-G/D/O	ND/ND/ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND

MW-2b	
TPH-G/D/O	ND/ND/ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND

MW-1b	
TPH-G/D/O	ND/ND/ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND

MW-13	
TPH-G/D/O	ND/ND/ND
B	ND
T	ND
E	ND
X	ND
MTBE	ND
TBA	ND

MW-12
HEATING OIL
UST



MW-11

USTs

MW-1b

MW-13

MW-2b

SD

Legend

- Groundwater Monitoring Well Installed by KHM
- Groundwater Monitoring Well Installed by Others
- Abandoned Monitoring Well
- TPH-G/D/O Total Petroleum Hydrocarbons as Gasoline/Diesel/Oil
- B Benzene
- T Toluene
- E Ethylbenzene
- X Total Xylenes
- MTBE Methyl tert-Butyl Ether
- TBA Tert-Butyl Alcohol
- ND Not Detected

Note: All concentrations reported in micrograms per liter (ug/l).



APPROX. SCALE

FIGURE 3
HYDROCARBON DISTRIBUTION IN GROUNDWATER
April 26, 2006
Shell / Equiva Site - SAP 120891
21641 Maple Valley Highway
Maple Valley, Washington

PROJECT NO. ST21-641-G	DRAWN BY JP 06-06-06
FILE NO. ST21-641-G	PREPARED BY JP
REVISION NO. 1	REVIEWED BY DL

Delta
Environmental
Consultants, Inc.

APPENDIX A

FIELD DATA SHEETS

APPENDIX B

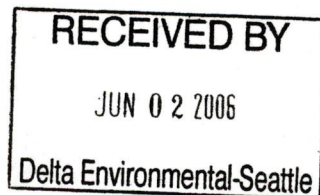
FIELD PROCEDURES

GROUNDWATER MONITORING AND SAMPLING

Before the sampling event, Delta measured depth to water in each groundwater monitoring well at the facility with an electronic water level meter. This information was recorded on waterproof field sheets. Groundwater elevations (GWE) were measured to an accuracy of 0.01 feet. Samples were withdrawn from each well using a disposable polyethylene bailer and placed in the appropriate laboratory-provided container. Samples were labeled, placed into ice filled coolers, logged onto chain-of-custody forms and transported to the laboratory.

APPENDIX C

**LABORATORY REPORT AND
CHAIN-OF-CUSTODY DOCUMENTS**



CASE NARRATIVE for BPD0685

Client: Delta Environmental
Project Manager: Dawna Leong
Project Name: Shell-21641 Maple Valley HWY; Maple Vally, WA
Project Number: 97420022

1.0 DESCRIPTION OF CASE

Four aqueous samples and one trip blank were received for analysis of: Volatile Petroleum Products by NWTPH-Gx, Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up), Oxygenates by EPA Method 8260B.

2.0 COMMENTS ON SAMPLE RECEIPT

Samples were received on April 27, 2006. The sample temperature at receipt was 10.0 °C.

3.0 PREPARATIONS AND ANALYSIS

Volatile Petroleum Products by NWTPH-Gx

No anomalies were associated with sample preparation and analysis. All criteria for acceptable QC measurements were met.

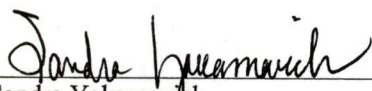
Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)

The Blank Spike sample, 6E01022-BS1, the spike recovery for Diesel Range Hydrocarbons was above laboratory established control limits. The samples were non-detect for Diesel Range Hydrocarbon. No further corrective action was taken.

No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

Oxygenates by EPA Method 8260B

No anomalies were associated with sample preparation and analysis. All criteria for acceptable QC measurements were met.


Sandra Yakamovich
Project Manager
TestAmerica Analytical Testing Corporation



May 05, 2006

Dawna Leong
Delta Environmental
4006 148th Ave NE
Redmond, WA/USA 98052


RE: Shell-21641 Maple Valley HWY; Maple Valley, WA

Enclosed are the results of analyses for samples received by the laboratory on 04/27/06 16:00.
The following list is a summary of the Work Orders contained in this report, generated on 05/05/06
16:47.

If you have any questions concerning this report, please feel free to contact me.

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BPD0685	Shell-21641 Maple Valley	97420022

TestAmerica - Seattle, WA


Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Delta Environmental

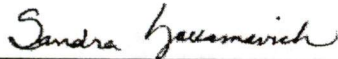
4006 148th Ave NE
Redmond, WA/USA 98052

Project Name: **Shell-21641 Maple Valley HWY; Maple Valley, WA**
Project Number: 97420022
Project Manager: Dawna Leong
Report Created: 05/05/06 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1B	BPD0685-01	Water	04/26/06 13:30	04/27/06 16:00
MW-2B	BPD0685-02	Water	04/26/06 13:00	04/27/06 16:00
MW-12	BPD0685-03	Water	04/26/06 12:30	04/27/06 16:00
MW-13	BPD0685-04	Water	04/26/06 14:00	04/27/06 16:00
Trip Blank	BPD0685-05	Water	04/26/06 12:00	04/27/06 16:00

TestAmerica - Seattle, WA



Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
--	---	-----------------------------------

Volatile Petroleum Products by NWTPH-Gx
TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPD0685-01 (MW-1B)		Water								Sampled: 04/26/06 13:30
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	6D29014	04/29/06	04/30/06 06:01	
<i>Surrogate(s): 4-BFB (FID)</i>		98.3%		58 - 144 %		"				"
BPD0685-02 (MW-2B)		Water								Sampled: 04/26/06 13:00
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	6D29014	04/29/06	04/30/06 06:30	
<i>Surrogate(s): 4-BFB (FID)</i>		98.0%		58 - 144 %		"				"
BPD0685-03 (MW-12)		Water								Sampled: 04/26/06 12:30
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	6D29014	04/29/06	04/30/06 07:00	
<i>Surrogate(s): 4-BFB (FID)</i>		98.0%		58 - 144 %		"				"
BPD0685-04 (MW-13)		Water								Sampled: 04/26/06 14:00
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	6D29014	04/29/06	04/30/06 07:30	
<i>Surrogate(s): 4-BFB (FID)</i>		99.8%		58 - 144 %		"				"

TestAmerica - Seattle, WA

Sandra Yakamavich
Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPD0685-01 (MW-1B)		Water		Sampled: 04/26/06 13:30						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.236	mg/l	1x	6E01022	05/01/06	05/03/06 01:52	X, BS-1
Lube Oil Range Hydrocarbons	"	ND	----	0.472	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>		91.5%		50 - 150 %		"		"		
<i>Octacosane</i>		97.9%		50 - 150 %		"		"		
BPD0685-02 (MW-2B)		Water		Sampled: 04/26/06 13:00						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.236	mg/l	1x	6E01022	05/01/06	05/03/06 02:21	X, BS-1
Lube Oil Range Hydrocarbons	"	ND	----	0.472	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>		87.7%		50 - 150 %		"		"		
<i>Octacosane</i>		93.6%		50 - 150 %		"		"		
BPD0685-03 (MW-12)		Water		Sampled: 04/26/06 12:30						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.245	mg/l	1x	6E01022	05/01/06	05/03/06 02:50	X, BS-1
Lube Oil Range Hydrocarbons	"	ND	----	0.490	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>		89.0%		50 - 150 %		"		"		
<i>Octacosane</i>		94.3%		50 - 150 %		"		"		
BPD0685-04 (MW-13)		Water		Sampled: 04/26/06 14:00						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.245	mg/l	1x	6E01022	05/01/06	05/03/06 03:19	X, BS-1
Lube Oil Range Hydrocarbons	"	ND	----	0.490	"	"	"	"	"	
<i>Surrogate(s): 2-FBP</i>		84.5%		50 - 150 %		"		"		
<i>Octacosane</i>		91.8%		50 - 150 %		"		"		

TestAmerica - Seattle, WA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sandra Yakamavich
Sandra Yakamavich, Project Manager



Delta Environmental
4006 148th Ave NE
Redmond, WA/USA 98052

Project Name: **Shell-21641 Maple Valley HWY; Maple Valley, WA**
Project Number: 97420022
Project Manager: Dawna Leong

Report Created:
05/05/06 16:47

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPD0685-01 (MW-1B)		Water								Sampled: 04/26/06 13:30
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6E01027	05/01/06	05/01/06 13:27	
Benzene	"	ND	----	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	50.0	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.500	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.500	"	"	"	"	"	
Diisopropyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethanol	"	ND	----	150	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			101%		70 - 130 %	"				"
<i>Toluene-d8</i>			101%		70 - 130 %	"				"
<i>4-BFB</i>			104%		70 - 130 %	"				"

BPD0685-02 (MW-2B)		Water								Sampled: 04/26/06 13:00
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6E01027	05/01/06	05/01/06 17:28	
Benzene	"	ND	----	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	50.0	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.500	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.500	"	"	"	"	"	
Diisopropyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethanol	"	ND	----	150	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			99.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			103%		70 - 130 %	"				"
<i>4-BFB</i>			99.5%		70 - 130 %	"				"

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Sandra Yakamavich
Sandra Yakamavich, Project Manager



Delta Environmental
4006 148th Ave NE
Redmond, WA/USA 98052

Project Name: **Shell-21641 Maple Valley HWY; Maple Valley, WA**
Project Number: 97420022
Project Manager: Dawna Leong
Report Created: 05/05/06 16:47

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPD0685-03 (MW-12)		Water								Sampled: 04/26/06 12:30
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6E01027	05/01/06	05/01/06 17:55	
Benzene	"	ND	----	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	50.0	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.500	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.500	"	"	"	"	"	
Diisopropyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethanol	"	ND	----	150	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		100%		70 - 130 %	"	"	"	"	"	
<i>Toluene-d8</i>		101%		70 - 130 %	"	"	"	"	"	
<i>4-BFB</i>		103%		70 - 130 %	"	"	"	"	"	

BPD0685-04 (MW-13)		Water								Sampled: 04/26/06 14:00
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6E01027	05/01/06	05/01/06 18:21	
Benzene	"	ND	----	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	50.0	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.500	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.500	"	"	"	"	"	
Diisopropyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethanol	"	ND	----	150	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		98.5%		70 - 130 %	"	"	"	"	"	
<i>Toluene-d8</i>		100%		70 - 130 %	"	"	"	"	"	
<i>4-BFB</i>		104%		70 - 130 %	"	"	"	"	"	

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Sandra Yakamavich
Sandra Yakamavich, Project Manager



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Oxygenates by EPA Method 8260B
TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPD0685-05 (Trip Blank)		Water			Sampled: 04/26/06 12:00					
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6E01027	05/01/06	05/01/06 12:34	
Benzene	"	ND	----	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	50.0	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.500	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.500	"	"	"	"	"	
Diisopropyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Ethanol	"	ND	----	150	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	5.00	"	"	"	"	"	
Toluene	"	ND	----	0.500	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	----	3.00	"	"	"	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>			99.0%		70 - 130 %	"				"
<i>Toluene-d8</i>			102%		70 - 130 %	"				"
<i>4-BFB</i>			102%		70 - 130 %	"				"

Sandra Yakamavich
Sandra Yakamavich, Project Manager

Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
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Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
TestAmerica - Seattle, WA

QC Batch: 6D29014 Water Preparation Method: EPA 5030B (P/T)

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6D29014-BLK1)							Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	04/29/06 18:07	
Surrogate(s): 4-BFB (FID)		Recovery:	98.8%	Limits: 58-144%		"								04/29/06 18:07
LCS (6D29014-BS1)							Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	1050	---	50.0	ug/l	1x	--	1000	105%	(80-120)	--	--	04/29/06 18:37	
Surrogate(s): 4-BFB (FID)		Recovery:	107%	Limits: 58-144%		"								04/29/06 18:37
Duplicate (6D29014-DUP1)				QC Source: BPD0691-09			Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	98.3	---	50.0	ug/l	1x	89.3	--	--	--	9.59%	(25)	04/29/06 19:44	
Surrogate(s): 4-BFB (FID)		Recovery:	102%	Limits: 58-144%		"								04/29/06 19:44
Duplicate (6D29014-DUP2)				QC Source: BPD0643-05			Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	19300	---	1000	ug/l	20x	20000	--	--	--	3.56%	(25)	04/30/06 04:33	
Surrogate(s): 4-BFB (FID)		Recovery:	113%	Limits: 58-144%		1x								04/30/06 04:33
Matrix Spike (6D29014-MS1)				QC Source: BPD0691-09			Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	1190	---	50.0	ug/l	1x	89.3	1000	110%	(75-131)	--	--	04/29/06 22:41	
Surrogate(s): 4-BFB (FID)		Recovery:	112%	Limits: 58-144%		"								04/29/06 22:41
Matrix Spike Dup (6D29014-MSD1)				QC Source: BPD0691-09			Extracted: 04/29/06 17:29							
Gasoline Range Hydrocarbons	NWTPH-Gx	1080	---	50.0	ug/l	1x	89.3	1000	99.1%	(75-131)	9.69%	(25)	04/29/06 23:10	
Surrogate(s): 4-BFB (FID)		Recovery:	112%	Limits: 58-144%		"								04/29/06 23:10

Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Laboratory Quality Control Results
TestAmerica - Seattle, WA

QC Batch: 6E01022 Water Preparation Method: EPA 3520C

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
Blank (6E01022-BLK1)												
Extracted: 05/01/06 09:27												
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	05/03/06 00:25	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>84.0%</i>	<i>Limits: 50-150%</i>		<i>"</i>					<i>05/03/06 00:25</i>	
<i>Octacosane</i>			<i>90.8%</i>	<i>50-150%</i>		<i>"</i>					<i>"</i>	
LCS (6E01022-BS1)												
Extracted: 05/01/06 09:27												
Diesel Range Hydrocarbons	NWTPH-Dx	2.51	---	0.250	mg/l	1x	--	2.00	126% (58-125)	--	05/04/06 09:00	X
Lube Oil Range Hydrocarbons	"	2.08	---	0.500	"	"	--	"	104% (60-140)	--	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>104%</i>	<i>Limits: 50-150%</i>		<i>"</i>					<i>05/04/06 09:00</i>	
<i>Octacosane</i>			<i>102%</i>	<i>50-150%</i>		<i>"</i>					<i>"</i>	
LCS Dup (6E01022-BSD1)												
Extracted: 05/01/06 09:27												
Diesel Range Hydrocarbons	NWTPH-Dx	2.44	---	0.250	mg/l	1x	--	2.00	122% (58-125)	2.83% (40)	05/04/06 09:29	
Lube Oil Range Hydrocarbons	"	2.02	---	0.500	"	"	--	"	101% (60-140)	2.93%	"	
<i>Surrogate(s): 2-FBP</i>		<i>Recovery:</i>	<i>101%</i>	<i>Limits: 50-150%</i>		<i>"</i>					<i>05/04/06 09:29</i>	
<i>Octacosane</i>			<i>99.6%</i>	<i>50-150%</i>		<i>"</i>					<i>"</i>	

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Sandra Yakamavich
Sandra Yakamavich, Project Manager



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Oxygenates by EPA Method 8260B - Laboratory Quality Control Results
TestAmerica - Seattle, WA

QC Batch: 6E01027 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
Blank (6E01027-BLK1)												
Extracted: 05/01/06 09:00												
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	05/01/06 12:07	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	"	
tert-Butyl Alcohol	"	ND	---	50.0	"	"	--	--	--	--	"	
1,2-Dibromoethane (EDB)	"	ND	---	0.500	"	"	--	--	--	--	"	
1,2-Dichloroethane (EDC)	"	ND	---	0.500	"	"	--	--	--	--	"	
Diisopropyl ether	"	ND	---	1.00	"	"	--	--	--	--	"	
Ethyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	"	
Ethanol	"	ND	---	150	"	"	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	5.00	"	"	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	"	
Xylenes (total)	"	ND	---	3.00	"	"	--	--	--	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>100%</i>	<i>Limits:</i>	<i>70-130%</i>	<i>"</i>					<i>05/01/06 12:07</i>	
<i>Toluene-d8</i>			<i>102%</i>		<i>70-130%</i>	<i>"</i>					<i>"</i>	
<i>4-BFB</i>			<i>102%</i>		<i>70-130%</i>	<i>"</i>					<i>"</i>	

LCS (6E01027-BS1)												
Extracted: 05/01/06 09:00												
tert-Amyl Methyl Ether	EPA 8260B	19.9	---	1.00	ug/l	1x	--	20.0	99.5% (75-125)	--	05/01/06 09:20	
Benzene	"	19.5	---	0.500	"	"	--	"	97.5% (80-120)	--	"	
tert-Butyl Alcohol	"	102	---	50.0	"	"	--	100	102% (75-125)	--	"	
1,2-Dibromoethane (EDB)	"	20.2	---	0.500	"	"	--	20.0	101%	"	"	
1,2-Dichloroethane (EDC)	"	18.6	---	0.500	"	"	--	"	93.0%	"	"	
Diisopropyl ether	"	20.6	---	1.00	"	"	--	"	103%	"	"	
Ethyl tert-butyl ether	"	19.8	---	1.00	"	"	--	"	99.0%	"	"	
Ethanol	"	995	---	150	"	"	--	1000	99.5%	"	"	
Ethylbenzene	"	19.3	---	0.500	"	"	--	20.0	96.5% (80-120)	--	"	
Methyl tert-butyl ether	"	18.6	---	5.00	"	"	--	"	93.0%	"	"	
Toluene	"	19.3	---	0.500	"	"	--	"	96.5%	"	"	
o-Xylene	"	20.0	---	1.00	"	"	--	"	100%	"	"	
m,p-Xylene	"	36.5	---	2.00	"	"	--	40.0	91.2%	"	"	
Xylenes (total)	"	56.4	---	3.00	"	"	--	60.0	94.0%	"	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>98.5%</i>	<i>Limits:</i>	<i>70-130%</i>	<i>"</i>					<i>05/01/06 09:20</i>	
<i>Toluene-d8</i>			<i>102%</i>		<i>70-130%</i>	<i>"</i>					<i>"</i>	
<i>4-BFB</i>			<i>104%</i>		<i>70-130%</i>	<i>"</i>					<i>"</i>	

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Sandra Yakamavich

Sandra Yakamavich, Project Manager



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Oxygenates by EPA Method 8260B - Laboratory Quality Control Results
TestAmerica - Seattle, WA

QC Batch: 6E01027 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
LCS Dup (6E01027-BSD1)												
								Extracted: 05/01/06 09:00				
tert-Amyl Methyl Ether	EPA 8260B	20.3	---	1.00	ug/l	1x	--	20.0	102% (75-125)	1.99% (25)	05/01/06 09:46	
Benzene	"	19.9	---	0.500	"	"	--	"	99.5% (80-120)	2.03% (20)	"	
tert-Butyl Alcohol	"	93.5	---	50.0	"	"	--	100	93.5% (75-125)	8.70% (25)	"	
1,2-Dibromoethane (EDB)	"	20.1	---	0.500	"	"	--	20.0	100%	0.496	"	
1,2-Dichloroethane (EDC)	"	19.4	---	0.500	"	"	--	"	97.0%	4.21%	"	
Diisopropyl ether	"	20.9	---	1.00	"	"	--	"	104%	1.45%	"	
Ethyl tert-butyl ether	"	20.2	---	1.00	"	"	--	"	101%	2.00%	"	
Ethanol	"	958	---	150	"	"	--	1000	95.8%	3.79%	"	
Ethylbenzene	"	19.9	---	0.500	"	"	--	20.0	99.5% (80-120)	3.06% (20)	"	
Methyl tert-butyl ether	"	18.7	---	5.00	"	"	--	"	93.5%	0.536	"	
Toluene	"	20.1	---	0.500	"	"	--	"	100%	4.06%	"	
o-Xylene	"	20.7	---	1.00	"	"	--	"	104%	3.44%	"	
m,p-Xylene	"	37.9	---	2.00	"	"	--	40.0	94.8%	3.76%	"	
Xylenes (total)	"	58.5	---	3.00	"	"	--	60.0	97.5%	3.66%	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>98.5%</i>	<i>Limits: 70-130%</i>		<i>"</i>						<i>05/01/06 09:46</i>
<i>Toluene-d8</i>			<i>101%</i>	<i>70-130%</i>		<i>"</i>						<i>"</i>
<i>4-BFB</i>			<i>102%</i>	<i>70-130%</i>		<i>"</i>						<i>"</i>

Matrix Spike (6E01027-MS1)												
						QC Source: BPD0685-01						
								Extracted: 05/01/06 09:00				
tert-Amyl Methyl Ether	EPA 8260B	21.2	---	1.00	ug/l	1x	ND	20.0	106% (60-140)	--	05/01/06 10:20	
Benzene	"	20.9	---	0.500	"	"	ND	"	104% (63-148)	--	"	
tert-Butyl Alcohol	"	91.2	---	50.0	"	"	ND	100	91.2% (60-140)	--	"	
1,2-Dibromoethane (EDB)	"	20.6	---	0.500	"	"	ND	20.0	103%	--	"	
1,2-Dichloroethane (EDC)	"	19.6	---	0.500	"	"	ND	"	98.0%	--	"	
Diisopropyl ether	"	21.6	---	1.00	"	"	ND	"	108%	--	"	
Ethyl tert-butyl ether	"	21.0	---	1.00	"	"	ND	"	105%	--	"	
Ethanol	"	935	---	150	"	"	ND	1000	93.5%	--	"	
Ethylbenzene	"	20.5	---	0.500	"	"	ND	20.0	102%	--	"	
Methyl tert-butyl ether	"	19.4	---	5.00	"	"	ND	"	97.0%	--	"	
Toluene	"	20.7	---	0.500	"	"	ND	"	104% (72-127)	--	"	
o-Xylene	"	21.5	---	1.00	"	"	ND	"	108% (60-140)	--	"	
m,p-Xylene	"	39.6	---	2.00	"	"	ND	40.0	99.0%	--	"	
Xylenes (total)	"	61.2	---	3.00	"	"	ND	60.0	102%	--	"	
<i>Surrogate(s): 1,2-DCA-d4</i>		<i>Recovery:</i>	<i>98.0%</i>	<i>Limits: 70-130%</i>		<i>"</i>						<i>05/01/06 10:20</i>
<i>Toluene-d8</i>			<i>101%</i>	<i>70-130%</i>		<i>"</i>						<i>"</i>
<i>4-BFB</i>			<i>102%</i>	<i>70-130%</i>		<i>"</i>						<i>"</i>

TestAmerica - Seattle, WA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sandra Yakamavich
Sandra Yakamavich, Project Manager

Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
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Oxygenates by EPA Method 8260B - Laboratory Quality Control Results
TestAmerica - Seattle, WA

QC Batch: 6E01027 Water Preparation Method: EPA 5030B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6E01027-MSD1)			QC Source: BPD0685-01				Extracted: 05/01/06 09:00							
tert-Amyl Methyl Ether	EPA 8260B	20.6	---	1.00	ug/l	1x	ND	20.0	103%	(60-140)	2.87%	(40)	05/01/06 10:47	
Benzene	"	19.9	---	0.500	"	"	ND	"	99.5%	(63-148)	4.90%	(30)	"	"
tert-Butyl Alcohol	"	102	---	50.0	"	"	ND	100	102%	(60-140)	11.2%	(40)	"	"
1,2-Dibromoethane (EDB)	"	20.1	---	0.500	"	"	ND	20.0	100%	"	2.46%	"	"	"
1,2-Dichloroethane (EDC)	"	19.2	---	0.500	"	"	ND	"	96.0%	"	2.06%	"	"	"
Diisopropyl ether	"	21.2	---	1.00	"	"	ND	"	106%	"	1.87%	"	"	"
Ethyl tert-butyl ether	"	20.6	---	1.00	"	"	ND	"	103%	"	1.92%	"	"	"
Ethanol	"	991	---	150	"	"	ND	1000	99.1%	"	5.82%	"	"	"
Ethylbenzene	"	19.6	---	0.500	"	"	ND	20.0	98.0%	"	4.49%	(30)	"	"
Methyl tert-butyl ether	"	19.2	---	5.00	"	"	ND	"	96.0%	"	1.04%	(40)	"	"
Toluene	"	19.5	---	0.500	"	"	ND	"	97.5%	(72-127)	5.97%	(30)	"	"
o-Xylene	"	20.3	---	1.00	"	"	ND	"	102%	(60-140)	5.74%	"	"	"
m,p-Xylene	"	37.5	---	2.00	"	"	ND	40.0	93.8%	"	5.45%	"	"	"
Xylenes (total)	"	57.8	---	3.00	"	"	ND	60.0	96.3%	"	5.71%	"	"	"
Surrogate(s): 1,2-DCA-d4		Recovery:	99.5%	Limits:	70-130%	"							05/01/06 10:47	
Toluene-d8			101%		70-130%	"							"	
4-BFB			102%		70-130%	"							"	

TestAmerica - Seattle, WA

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Sandra Yakamavich
Sandra Yakamavich, Project Manager



Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-21641 Maple Valley HWY; Maple Valley, WA Project Number: 97420022 Project Manager: Dawna Leong	Report Created: 05/05/06 16:47
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Notes and Definitions

Report Specific Notes:

- BS-1 - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the laboratory control limits. Analyte not detected, data not impacted.
- X - See case narrative.

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' or 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits - percent solids, where applicable.
- Electronic - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Signature - Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sandra Yakamavich

Sandra Yakamavich, Project Manager





B-PD0685

- 11720 North Creek Pkwy #400, Bothell, WA
- 9405 S. W. Nimbus Ave., Beaverton, OR 97008
- East 11115 Montgomery, Suite B, Spokane, WA 99206

SOP US Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSTON
- BILL CONSULTANT

Carol Campagna

NAME OF PM TO BILL:

9 7 4 2 0 0 2 2

NAME OF TS TO BILL:

SAP or CRMT # (TS/CRMT)

1 2 0 8 9 1

INCIDENT # (S&E ONLY)

DATE: 4-26-06

PAGE: 1 of 1

CONSULTANT COMPANY: Delta Environmental
 ADDRESS: 4006 148th Ave NE
 CITY: Redmond, WA 98052
 TELEPHONE: 425-882-3528 FAX: 425-869-1892 E-MAIL: cleang@delt2env.com

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

SITE ADDRESS (Street and City): 21641 Maple Valley Hwy; Maple Valley, WA
 PROJECT CONTACT (Report to): Downe Leong
 CONSULTANT PROJECT NO.: ST21-641-6
 SAMPLER NAME(S) (Print): Jamey Peterson

TEMPERATURE ON RECEIPT C°

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS if more than one method is listed, circle one

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	ANALYSIS METHODS							Container PID Readings or Laboratory Notes				
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX /MTBE (8021B, 802, 8260/824)	BTEX /MTBE + Oxygenates (8260B)	VOCs Full List + Oxygenates (8260B)	Ethanol	9 RCRA Metals		4 RCRA Metals (As, Cd, Cr, Pb)	Metals (Specify)		
																					HCL	HNO3
01	MW-1B	4-26-06	13:30	W	X					8	X	X	X	X								
02	MW-2B		13:00		X					8	X	X	X	X								
03	MW-1Z		12:30		X					8	X	X	X	X								
04	MW-13		14:00	W	X					8	X	X	X	X								
05	Trip Blank			W						2			X									

Relinquished by: (Signature) <i>Craig P...</i> 4-27-06-12:00	Received by: (Signature) <i>Tom Hanky</i>	Date: 4/27/06	Time: 1040
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time: