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January 15, 2008

Mr. David Kremer
Shell Oil Products US
20945 S. Wilmington Avenue
Carson, California 90810-1039

File @ UST # 4420
TEXACO 63-232-0051

SUBJ: SHELL GRASP MONITORING REPORT
Shell Service Station
1935 N. Northgate Way
Seattle, Washington
Delta Project ST193-5NG-X

Dear Mr. Kremer:

Delta Consultants (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. Matthew Miller (Delta) at (425) 498-7722.

Sincerely,

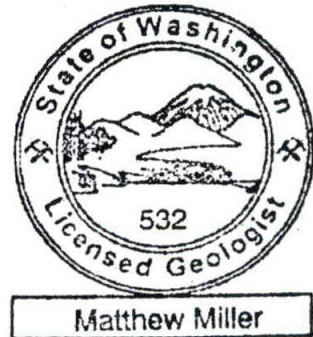
DELTA CONSULTANTS



Russell Greisler
Senior Staff Geologist



Matthew Miller, LG
Project Specialist



Attachments: Shell GRASP Monitoring Report

cc: John Wietfield, Department of Ecology, 3190 160th Avenue SE Bellevue, Washington 98008-5452

a member of:



January 15, 2008

SHELL GRASP MONITORING REPORT

Station Address: 1935 N. Northgate Way
Seattle, Washington
SHELL GRASP Incident No.: 97420024
DELTA Project No.: ST19-35N-G
SHELL Environmental Engin./Phone No.: David Kremer / (916) 853-8906
DELTA Project Manager/Phone No.: Matthew Miller / (425) 498-7722

Current Phase of Project: GRASP Groundwater Monitoring
Frequency of Sampling: Annual
Frequency of Monitoring: 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: Unknown
Approximate Depth to Groundwater: 15.18 to 26.50 feet
Groundwater Gradient: West @ approximately 0.19 ft/ft
Summary of Unusual Activity: None

Matthew Miller
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
1935 N. Northgate Way
Seattle, 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-1	01/14/03	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	12.48	0.00	300.86
313.34	05/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	11.57	0.00	301.77
	08/19/03	<250	<280	<560	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	13.50	0.00	299.84
	11/06/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	12.70	0.00	300.6
	04/27/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	11.50	0.00	301.84
	06/21/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	14.96	0.00	298.38
	05/31/06	99.2	<243	<485	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<150	14.58	0.00	298.76
	07/13/07	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<250	15.74	0.00	297.60
MW-2	01/14/03	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	8.35	0.00	307.00
315.35	05/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	7.64	0.00	307.71
	08/19/03	<250	<280	<560	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	8.15	0.00	307.20
	11/06/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	7.05	0.00	308.30
	04/27/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	5.91	0.00	309.44
	06/21/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	14.26	0.00	301.09
	05/31/06	<50.0	<243	<485	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<150	14.47	0.00	300.88
	07/13/07	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<250	15.18	0.00	300.17
MW-3	01/14/03	<250	<250	<750	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	26.30	0.00	284.54
310.84	05/20/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	NA	24.85	0.00	285.99
	08/19/03	<250	<280	<560	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	25.32	0.00	285.52
	11/06/03	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	24.11	0.00	286.73
	04/27/04	<250	<250	<500	<1	<1	<1	<1	<1	<5	<5	<5	<50	<5,000	23.78	0.00	287.06
	06/21/05	<50	<250	<500	<1	<1	<1	<1	<1	<2	<2	<5	<50	<5,000	25.63	0.00	285.21
	05/31/06	<50.0	<245	<490	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<150	26.09	0.00	284.75
	07/13/07	<50.0	<250	<500	<0.500	<0.500	<0.500	<3.00	<5.00	<1.00	<1.00	<1.00	<50.0	<250	26.50	0.00	284.34

TABLE 1
GROUNDWATER GAUGING AND ANALYTICAL DATA
 1935 N. Northgate Way
 Seattle, Washington

Sample I.D.	Sample	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	DIPE	ETBE	TAME	TBA	Ethanol	Depth to GW	SPH	GW Elev. ¹
TOC ¹	Date	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(feet)	(feet)	(feet)
MTCA Method A Cleanup Levels:		1000²	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 MTCA Method A Cleanup Level for TPH-Gasoline is 800 µg/l if benzene is detectable in groundwater.																	

FIGURES

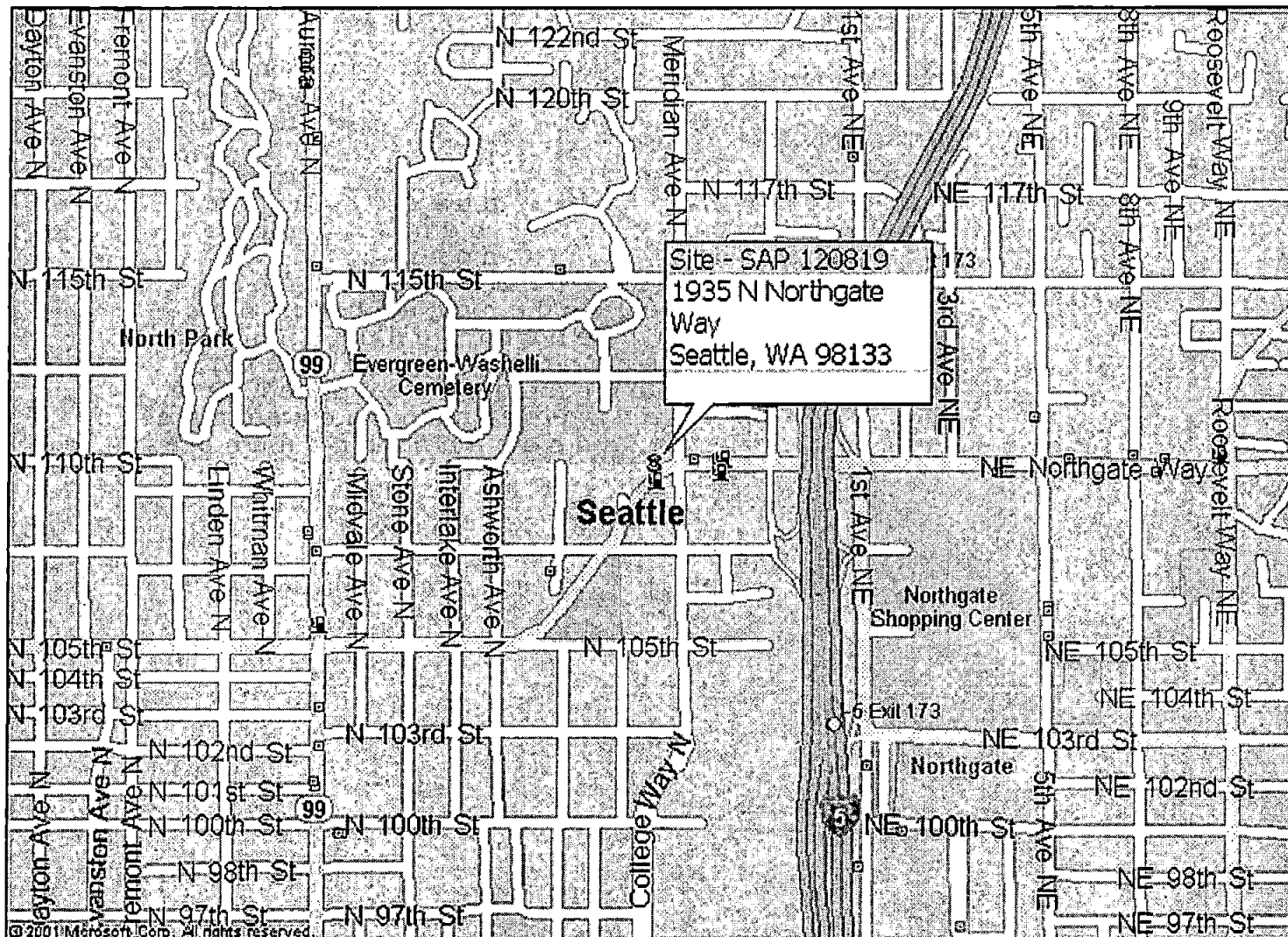


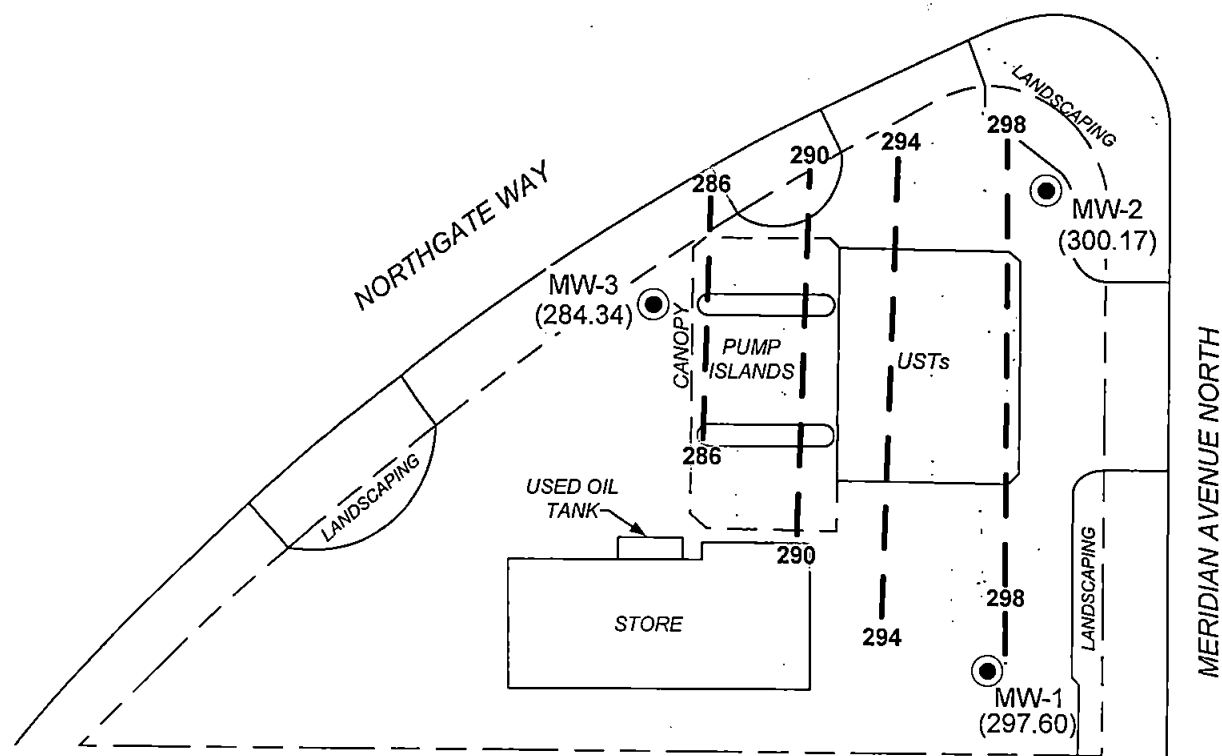
FIGURE 1

SITE LOCATION MAP

Shell Oil Products US - SAP 120819
1935 N Northgate Way
Seattle, Washington

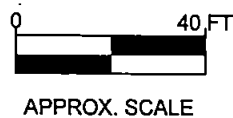
PROJECT NO. ST193-SNG-X	DRAWN BY SB 5-17-04
FILE NO. 1	PREPARED BY SB
REVISION NO. 1	REVIEWED BY DL





Legend

- MW-1 Groundwater Monitoring Well
- (298.38) Groundwater Elevation, July 13, 2007
- 290— Groundwater Elevation Contour, July 13, 2007

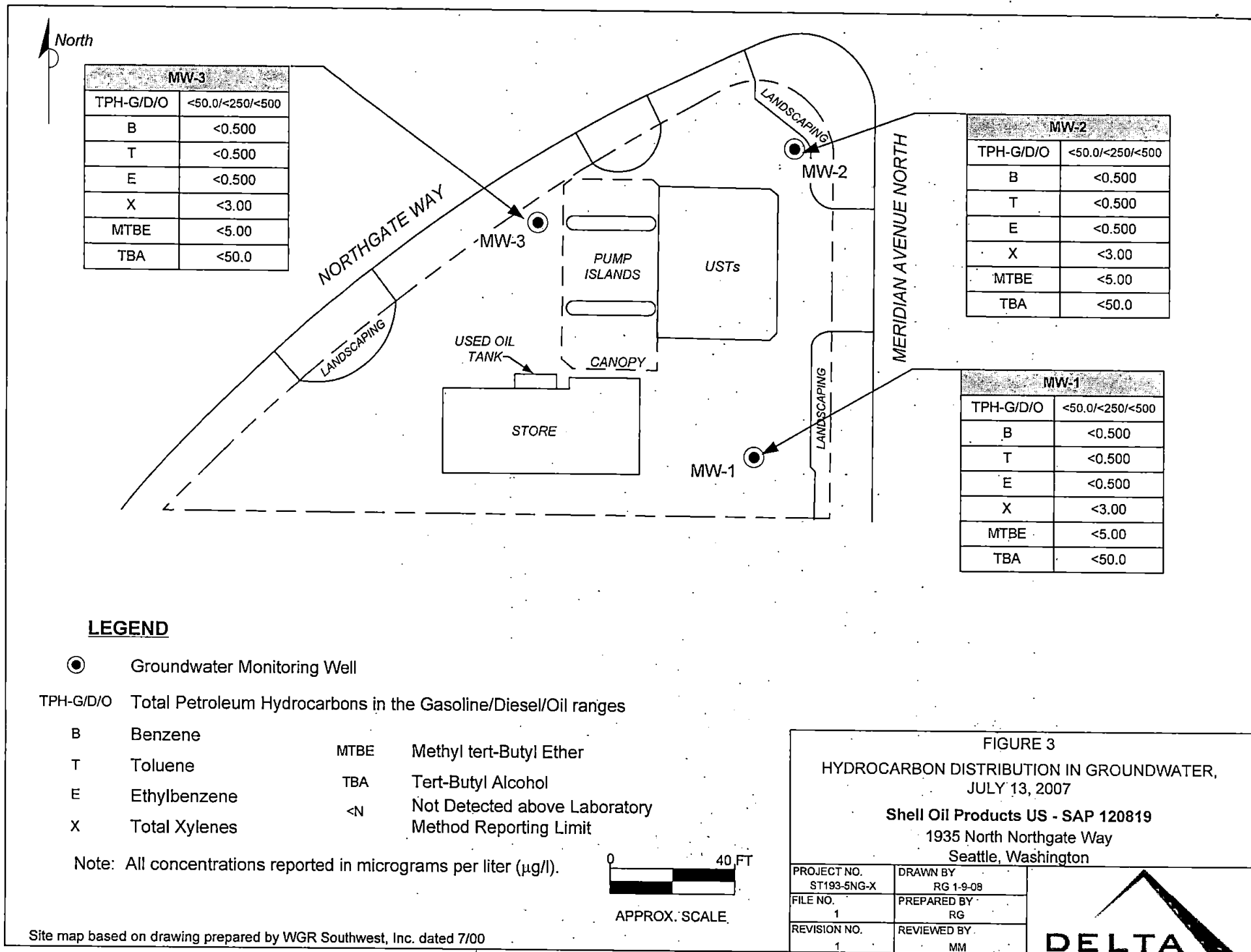


Site map based on drawing prepared by WGR Southwest, Inc. dated 7/00

FIGURE 2
GROUNDWATER ELEVATION CONTOUR MAP
Shell Oil Products US - SAP 120819
1935 North Northgate Way
Seattle, Washington

PROJECT NO. ST193-5NG-X	DRAWN BY JP 7-13-07
FILE NO. 1	PREPARED BY JP
REVISION NO. 1	REVIEWED BY MM





APPENDIX A
FIELD DATA SHEETS

Shell SAP #120819
1935 N. Northgate, Seattle
2007 Annual Sampling
Site Contact #

Delta Project: ST193-5NG-X Activity Code #255 (G10: NP Sample two wells; G11: NP sample one well)

Mobe (G1: Travel to site)

Project Manager: Matthew Miller (425) 269-7178

Incident # 97420024

Quarter to be sampled

2nd Qtr 2007

Purge Sampling

No purge sampling

Subjective analysis = depth to water/depth to product and dissolved oxygen, well integrity

Sampling parameters = DTW/DTP, pH, conductivity, temperature, ORP, DO, Turbidity

[illegible]

* Oxygenates include MTBE, TBA, DIPE, ETBE, TAME and Ethanol

Note: Sample ID = well name-date

example: I Date 2/12/07 for MW-2; Sample ID = MW-2-0207

Approval:

Date:

Daily Field Log

Project Name: Shell SA 120819

Project No.: ST1935NG-X

Date: 7-13-07

Location: 1935 N. Northgate Seattle

Delta Representative: Tavan Ruark

Weather: 70s cloudy

Field Log:

11:30 Arrived on site

Signed H&S plan

Checked in

12:00 Began Sampling MW-1

12:20 MOB To MW-2

12:28 Sample MW-2

12:45 MOB TO MW-3

12:55 Sample MW-3

13:10 Cleaned up. Checked
out

GROUNDWATER SAMPLING FIELD SHEET

DELTA PROJECT NUMBER: ST193-5NG-X

CLIENT: Shell

SAP No./Incident No.: 120819/97420024

PAGE 1 of 1

SITE ADDRESS/LOCATION: 1935 N. Northgate Way, Seattle

DATE: 7-13-07

FIELD PERSONNEL: Javan Ruan

WEATHER: 70% cloudy

Well ID	Time	Well Diameter (In.)	Depth to Bottom (feet)	Depth to Water (feet)	Depth to LPH (feet)	LPH Thickness (feet)	Calc. Purge (gal)	Actual Purge (gal)	Purge Method (B/L/F/P)	Sample Appearance/Comments
MW-1	12:08	2"	—	15.74	—	—	—	—	—	
MW-2	12:28	2"	—	15.18	—	—	—	—	—	
MW-3	12:55	2"	—	26.50	—	—	—	—	—	

Additional Field Parameters: (Pre-Purge / Post-Purge / Low-flow Cell)

Well ID	pH	Conductivity (ms/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C / °F)	TDS (g/L)	ORP (mV)	Comments
MW-1	—	—	—	3.2	—	—	—	
MW-2	—	—	—	3.1	—	—	—	
MW-3	—	—	—	3.3	—	—	—	

System Instructions:

Remedial System On-Site (Y/N)? NA

Comments:

Operational Upon Arrival (Y/N)? NA

Comments:

Shut Down System 1 / 24 hours before gauging (Y/N)? NA

Time/Date Downed:

Re-Start System (Y/N)? NA

Time/Date Restarted:

Purge Method: NA

Comments:

Purge Water Disposal Method:

☐ Treated through mobile carbon treatment unit and discharged on-site☐ Placed in drums on site

No. of drums: —

☐ Transported off-site for treatment

Facility/Location:

Measuring Device(s):

Water level indicator

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, and SITE INSPECTION FORM

COST CENTER #

DATE 7-13-07

ADDRESS 1935 N North Gate

CITY & STATE Seattle WA

Well ID	Observations Upon Arrival				Note: Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Repair Date and PM Initials
	Manway Cover Type, Size, & Condition	Well Cap Type & Condition	Well Lock Condition (if present)	Well Pad Condition		
MW-1		Good	None	Good	Need to re-tap the Bolt holes	
MW-2		Good	None	Good	Needs tighter Gasket	
MW-3		Good	None	Good	Need to re-tap the Bolt holes ^{New Gasket}	
On-site Drinking Water Well						
Remediation Compound	Type and Condition of Enclosure	Condition of Area Inside Enclosure	Equipment Condition	Emergency Contact Info Visible	Cleaning / Repairs Recommended and Conducted	Repair Date and PM Initials
-	-	-	-	-	-	-
Number of Drums On-site	Drum Condition	Labeled Correctly and Writing Legible	Drums Scheduled for Pickup	Drums Located to Min. Business Interference	Detailed Explanation of Any Issues Resolved	Date Drums Removed from Site and PM Initials
2	Good	yes	-	-	* Not our Drums - Contain Gasoline - 1-5 gal / 1-5 gal	

¹Groundwater monitoring well covers must be painted in accordance with applicable regulations.

All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Environmental Well, Remediation Compound, and Site Inspection Form

Original Version 1.0, April 2005, Owner - John Sexton

Field Personnel Signature

Louann Pines

Job Clearance Form

CONTRACTOR INSTRUCTIONS PRIOR TO START OF WORK: 1. Review form, check appropriate boxes, read and sign bottom of this form. 2. Inform dealer, manager, or site representative of the job to be performed and potential safety concerns and obtain signature.

Station # SAP 120891	Station Address: 1935 North Northgate Way	Work Order Number: ST193516-X	Date: 7-13-07
Contractor Company Name: Delta	Contractor person in charge (print name): 1	JSA Reference Number: 610 Sampling	Labor: 15 mi.
Problem/Work Description: Sampling 3 ground water wells using non-purge methods			Return Call: yes / no Damage Claim: yes / no

PRE-REQUIRED (CHECK AND/OR FILL BLANK SPACE)

- | | | | | |
|---|--|--|---|-------------------------------------|
| <input checked="" type="checkbox"/> SAFETY VEST | <input checked="" type="checkbox"/> HARD HAT | <input checked="" type="checkbox"/> SHOES & BOOTS | <input type="checkbox"/> HEARING PROTECTION | <input type="checkbox"/> RESPIRATOR |
| <input type="checkbox"/> PROTECTIVE CLOTHING | <input checked="" type="checkbox"/> GLOVES | <input checked="" type="checkbox"/> SAFETY GLASSES/GOGGLES | <input type="checkbox"/> WELDING PPE | <input type="checkbox"/> OTHER: |

Contractor to complete the section below if circumstances, either on-site or specific to this job, may generate additional hazards that are not described in the JSA.

TASK/STEP	Hazard not covered by JSA	How to reduce or eliminate risk, PPE to be worn
Separate work area from traffic	High traffic area	Use vehicle cones and barricades to reduce risk

WORK DOCUMENTATION REQUIREMENTS: **Lower Risk** - no JSA required **Medium Risk / Higher Risk** ☒ - JSA required **Higher Risk** - JSA required & appropriate checklist completed (see below)

Examples of Higher / Medium risk tasks:

- | | |
|--|---|
| <input type="checkbox"/> Work at heights: in all cases on open sites - on closed sites if no JSA present | <input type="checkbox"/> Work in confined spaces (e.g. tank, interceptor or deep manhole entry) |
| <input type="checkbox"/> Trenching or excavation related to underground tank / product line | <input type="checkbox"/> Hot work with risk of product or vapor ignition |
| <input type="checkbox"/> Heavy lifting | <input type="checkbox"/> LPG system degassing, installation or maintenance |

This form must be completed for each job and updated and re-signed if circumstances change or additional hazards identified.

SIGN IN	Contractor representative name	Signature	SIGN OUT	Contractor signature
Operating sites: to be signed by the Site Representative Non-operating sites: to be signed by the Contractor Representative only	Jovan Rank	[Signature]	GENERAL SAFETY CHECKS - Has the work area been left tidy and safe? yes - Are site personnel aware of status of work including remaining isolation? yes - Are changes to equipment documented and communicated? yes - Other? yes	[Signature]
GENERAL SAFETY CHECKS - Have all site personnel been informed? * - Has fuel delivery service been informed? — - Is a fuel delivery due? — - Have isolation procedures been agreed - lock out/tag out? — - Are work areas cordoned off to protect workers, site staff & public? — - Other?	Site Representative Name	Signature [Signature]	Site Representative Name	Signature

PARTS - Ordered, replaced, and/or disposed of (include model and serial #'s as appropriate)

The contractor, through its authorized representative, shall sign, issue, and be solely responsible for all job clearance forms and the obligations arising thereunder applicable to the work.

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

July 27, 2007

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

RE: Shell-1935 N. Northgate Way; Seattle, WA

Enclosed are the results of analyses for samples received by the laboratory on 07/13/07 13:55.
The following list is a summary of the Work Orders contained in this report, generated on 07/27/07
16:42.

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

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
BQG0335	Shell-1935 N. Northgate Way;	97420024 SAP#120819

TestAmerica - Seattle, WA

Sandra Yakamovich

Sandra Yakamovich, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain
of custody document. This analytical report shall not be reproduced except in full,
without the written approval of the laboratory.*



Delta Environmental

4006 148th Ave NE
Redmond, WA/USA 98052

Project Name: **Shell-1935 N. Northgate Way; Seattle, WA**

Project Number: 97420024 SAP#120819

Project Manager: Matthew Miller

Report Created:

07/27/07 16:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	BQG0335-01	Water	07/13/07 12:08	07/13/07 13:55
MW-2	BQG0335-02	Water	07/13/07 12:28	07/13/07 13:55
MW-3	BQG0335-03	Water	07/13/07 12:55	07/13/07 13:55
Trip Blank	BQG0335-04	Water	07/13/07 13:55	07/13/07 13:55

TestAmerica - Seattle, WA

Sandra Yakarnavich

Sandra Yakarnavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



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

Project Name: **Shell-1935 N. Northgate Way; Seattle, WA**
 Project Number: 97420024 SAP#120819
 Project Manager: Matthew Miller

Report Created:
 07/27/07 16:42

Volatile Petroleum Products by NWTPH-Gx

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQG0335-01 (MW-1)		Water		Sampled: 07/13/07 12:08						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	7G18049	07/18/07 14:32	07/20/07 23:22	
Surrogate(s): 4-BFB (FID)			96.0%		58 - 144 %	"				"
BQG0335-02 (MW-2)		Water		Sampled: 07/13/07 12:28						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	7G18049	07/18/07 14:32	07/20/07 23:54	
Surrogate(s): 4-BFB (FID)			92.5%		58 - 144 %	"				"
BQG0335-03 (MW-3)		Water		Sampled: 07/13/07 12:55						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	7G18049	07/18/07 14:32	07/21/07 00:26	
Surrogate(s): 4-BFB (FID)			94.7%		58 - 144 %	"				"

TestAmerica - Seattle, WA

Sandra Yakamovich

Sandra Yakamovich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Delta Environmental

4006 148th Ave NE
 Redmond, WA/USA 98052

Project Name: **Shell-1935 N. Northgate Way; Seattle, WA**

Project Number: **97420024 SAP#120819**

Project Manager: **Matthew Miller**

Report Created:

07/27/07 16:42

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA.

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQG0335-01 (MW-1)		Water		Sampled: 07/13/07 12:08						
tert-Amyl Methyl Ether	EPA 8260B	ND	—	1.00	ug/l	1x	7G17042	07/17/07 10:48	07/17/07 21:21	
Benzene	"	ND	—	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	50.0	"	"	"	"	"	
Diisopropyl ether	"	ND	—	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	—	1.00	"	"	"	"	"	
Ethanol	"	ND	—	250	"	"	"	"	"	
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	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4		100%		70 - 130 %		"		"		
Toluene-d8		99.6%		75 - 125 %		"		"		
4-BFB		95.8%		75 - 125 %		"		"		

BQG0335-02 (MW-2)		Water		Sampled: 07/13/07 12:28						
tert-Amyl Methyl Ether	EPA 8260B	ND	—	1.00	ug/l	1x	7G17042	07/17/07 10:48	07/17/07 21:51	
Benzene	"	ND	—	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	50.0	"	"	"	"	"	
Diisopropyl ether	"	ND	—	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	—	1.00	"	"	"	"	"	
Ethanol	"	ND	—	250	"	"	"	"	"	
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	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4		101%		70 - 130 %		"		"		
Toluene-d8		101%		75 - 125 %		"		"		
4-BFB		98.4%		75 - 125 %		"		"		

TestAmerica - Seattle, WA

Sandra Yakamovich

Sandra Yakamovich, Project Manager

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Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA
4006 148th Ave NE	Project Number: 97420024 SAP#120819
Redmond, WA/USA 98052	Project Manager: Matthew Miller
	Report Created: 07/27/07 16:42

Oxygenates by EPA Method 8260B
 TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQG0335-03 (MW-3)		Water		Sampled: 07/13/07 12:55						
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	7G19061	07/19/07 16:34	07/19/07 19:07	
Benzene	"	ND	---	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	---	50.0	"	"	"	"	"	
Diisopropyl ether	"	ND	---	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	---	1.00	"	"	"	"	"	
Ethanol	"	ND	---	250	"	"	"	"	"	
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>			89.8%		70 - 130 %	"			"	
<i>Toluene-d8</i>			103%		75 - 125 %	"			"	
<i>4-BFB</i>			98.4%		75 - 125 %	"			"	

BQG0335-04 (Trip Blank)		Water		Sampled: 07/13/07 13:55						
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	7G19061	07/19/07 16:34	07/19/07 18:37	
Benzene	"	ND	---	0.500	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	---	50.0	"	"	"	"	"	
Diisopropyl ether	"	ND	---	1.00	"	"	"	"	"	
Ethyl tert-butyl ether	"	ND	---	1.00	"	"	"	"	"	
Ethanol	"	ND	---	250	"	"	"	"	"	
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>			89.3%		70 - 130 %	"			"	
<i>Toluene-d8</i>			101%		75 - 125 %	"			"	
<i>4-BFB</i>			98.8%		75 - 125 %	"			"	

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Sandra Yakamovich

Sandra Yakamovich, Project Manager

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Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA	Report Created:
4006 148th Ave NE	Project Number: 97420024 SAP#120819	07/27/07 16:42
Redmond, WA/USA 98052	Project Manager: Matthew Miller	

Semivolatile Petroleum Products by NWTPH-Dx
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQG0335-01 (MW-1)		Water						Sampled: 07/13/07 12:08		
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.250	mg/l	1x	7070114	07/20/07 09:21	07/20/07 18:02	
Heavy Oil Range Hydrocarbons	"	ND	----	0.500	"	"	"	"	"	
Surrogate(s): 2-FBP		90.9%		50 - 150 %	"					"
p-Terphenyl-d14		95.2%		50 - 150 %	"					"
BQG0335-02 (MW-2)		Water						Sampled: 07/13/07 12:28		
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.250	mg/l	1x	7070114	07/20/07 09:21	07/20/07 18:39	
Heavy Oil Range Hydrocarbons	"	ND	----	0.500	"	"	"	"	"	
Surrogate(s): 2-FBP		10.4%		50 - 150 %	"					"
p-Terphenyl-d14		10.4%		50 - 150 %	"					"
BQG0335-03 (MW-3)		Water						Sampled: 07/13/07 12:55		
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.250	mg/l	1x	7070114	07/20/07 09:21	07/20/07 19:16	
Heavy Oil Range Hydrocarbons	"	ND	----	0.500	"	"	"	"	"	
Surrogate(s): 2-FBP		85.5%		50 - 150 %	"					"
p-Terphenyl-d14		83.3%		50 - 150 %	"					"

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Sandra Yakamovich

Sandra Yakamovich, Project Manager

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Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA	Report Created:
4006 148th Ave NE	Project Number: 97420024 SAP#120819	07/27/07 16:42
Redmond, WA/USA 98052	Project Manager: Matthew Miller	

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results
 TestAmerica - Seattle, WA

QC Batch: 7G18049	Water Preparation Method: EPA 5030B (P/T)
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Analyte	Method	Result	MDL ^A	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7G18049-BLK1)							Extracted: 07/18/07 14:32							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	07/20/07 16:58	
Surrogate(s): 4-BFB (FID)		Recovery: 94.3%		Limits: 58-144%		"		07/20/07 16:58						
LCS (7G18049-BS1)							Extracted: 07/18/07 14:32							
Gasoline Range Hydrocarbons	NWTPH-Gx	1060	---	50.0	ug/l	1x	--	1000	106%	(80-120)	--	--	07/20/07 17:30	
Surrogate(s): 4-BFB (FID)		Recovery: 97.7%		Limits: 58-144%		"		07/20/07 17:30						
Duplicate (7G18049-DUP1)				QC Source: BQG0333-02				Extracted: 07/18/07 14:32						
Gasoline Range Hydrocarbons	NWTPH-Gx	84.3	---	50.0	ug/l	1x	85.0	--	--	--	0.851% (25)		07/20/07 19:07	
Surrogate(s): 4-BFB (FID)		Recovery: 95.0%		Limits: 58-144%		"		07/20/07 19:07						
Duplicate (7G18049-DUP2)				QC Source: BQG0333-03				Extracted: 07/18/07 14:32						
Gasoline Range Hydrocarbons	NWTPH-Gx	168	---	50.0	ug/l	1x	173	--	--	--	2.81% (25)		07/20/07 20:11	QP
Surrogate(s): 4-BFB (FID)		Recovery: 93.6%		Limits: 58-144%		"		07/20/07 20:11						
Matrix Spike (7G18049-MS1)				QC Source: BQG0333-02				Extracted: 07/18/07 14:32						
Gasoline Range Hydrocarbons	NWTPH-Gx	1170	---	50.0	ug/l	1x	85.0	1000	108%	(75-131)	--	--	07/20/07 21:47	
Surrogate(s): 4-BFB (FID)		Recovery: 98.9%		Limits: 58-144%		"		07/20/07 21:47						

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Sandra Yakamovich

Sandra Yakamovich, Project Manager

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Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA	
4006 148th Ave NE	Project Number: 97420024 SAP#120819	Report Created:
Redmond, WA/USA 98052	Project Manager: Matthew Miller	07/27/07 16:42

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

QC Batch: 7G17042	Water Preparation Method: EPA 5030B
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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Blank (7G17042-BLK1)										Extracted: 07/17/07 10:48				
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	07/17/07 13:29	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
tert-Butyl Alcohol	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Diisopropyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethanol	"	ND	---	250	"	"	--	--	--	--	--	--	"	
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	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4 Recovery: 104% Limits: 70-130% " 07/17/07 13:29														
Toluene-d8 91.6% 75-125% "														
4-BFB 106% 75-125% "														

LCS (7G17042-BS1)										Extracted: 07/17/07 10:48				
tert-Amyl Methyl Ether	EPA 8260B	20.7	---	1.00	ug/l	1x	--	20.0	104%	(75-125)	--	--	07/17/07 11:39	
Benzene	"	19.7	---	0.500	"	"	--	"	98.6%	(80-120)	--	--	"	
tert-Butyl Alcohol	"	113	---	50.0	"	"	--	100	113%	(75-125)	--	--	"	
Diisopropyl ether	"	19.3	---	1.00	"	"	--	20.0	96.7%	"	--	--	"	
Ethyl tert-butyl ether	"	20.4	---	1.00	"	"	--	"	102%	"	--	--	"	
Ethanol	"	446	---	250	"	"	--	400	112%	"	--	--	"	
Ethylbenzene	"	19.3	---	0.500	"	"	--	20.0	96.4%	"	--	--	"	
Methyl tert-butyl ether	"	20.5	---	5.00	"	"	--	"	103%	(75-126)	--	--	"	
Toluene	"	19.2	---	0.500	"	"	--	"	96.0%	(75-125)	--	--	"	
o-Xylene	"	19.7	---	1.00	"	"	--	"	98.4%	(75-130)	--	--	"	
m,p-Xylene	"	38.2	---	2.00	"	"	--	40.0	95.6%	(75-125)	--	--	"	
Xylenes (total)	"	57.9	---	3.00	"	"	--	60.0	96.5%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4 Recovery: 106% Limits: 70-130% " 07/17/07 11:39														
Toluene-d8 98.9% 75-125% "														
4-BFB 97.2% 75-125% "														

TestAmerica - Seattle, WA

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Sandra Yakamovich

Sandra Yakamovich, Project Manager



Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA	Report Created:
4006 148th Ave NE	Project Number: 97420024 SAP#120819	07/27/07 16:42
Redmond, WA/USA 98052	Project Manager: Matthew Miller	

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

QC Batch: 7G17042	Water Preparation Method: EPA 5030B
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (7G17042-BSD1)										Extracted: 07/17/07 10:48				
tert-Amyl Methyl Ether	EPA 8260B	20.1	---	1.00	ug/l	1x	--	20.0	101%	(75-125)	2.94%	(25)	07/17/07 12:15	
Benzene	"	18.5	---	0.500	"	"	--	"	92.6%	(80-120)	6.28%	(20)	"	
tert-Butyl Alcohol	"	103	---	50.0	"	"	--	100	103%	(75-125)	8.64%	(25)	"	
Diisopropyl ether	"	19.0	---	1.00	"	"	--	20.0	95.1%	"	1.67%	"	"	
Ethyl tert-butyl ether	"	19.9	---	1.00	"	"	--	"	99.4%	"	2.83%	"	"	
Ethanol	"	452	---	250	"	"	--	400	113%	"	1.33%	"	"	
Ethylbenzene	"	18.6	---	0.500	"	"	--	20.0	93.1%	"	3.53%	(20)	"	
Methyl tert-butyl ether	"	20.3	---	5.00	"	"	--	"	101%	(75-126)	1.23%	"	"	
Toluene	"	18.6	---	0.500	"	"	--	"	93.0%	(75-125)	3.23%	"	"	
o-Xylene	"	19.0	---	1.00	"	"	--	"	95.2%	(75-130)	3.31%	"	"	
m,p-Xylene	"	36.8	---	2.00	"	"	--	40.0	92.1%	(75-125)	3.73%	"	"	
Xylenes (total)	"	55.9	---	3.00	"	"	--	60.0	93.1%	"	3.59%	"	"	
Surrogate(s): 1,2-DCA-d4 Recovery: 104% Limits: 70-130% 07/17/07 12:15														
Toluene-d8 101% 75-125% "														
4-BFB 98.0% 75-125% "														

QC Batch: 7G19061	Water Preparation Method: EPA 5030B
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7G19061-BLK1)										Extracted: 07/19/07 15:00				
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	07/19/07 18:07	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
tert-Butyl Alcohol	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Diisopropyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethanol	"	ND	---	250	"	"	--	--	--	--	--	--	"	
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	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4 Recovery: 97.0% Limits: 70-130% 07/19/07 18:07														
Toluene-d8 102% 75-125% "														
4-BFB 99.0% 75-125% "														

TestAmerica - Seattle, WA

Sandra Yakamovich

Sandra Yakamovich, Project Manager

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Delta Environmental	Project Name: Shell-1935 N. Northgate Way; Seattle, WA	Report Created:
4006 148th Ave NE	Project Number: 97420024 SAP#120819	07/27/07 16:42
Redmond, WA/USA 98052	Project Manager: Matthew Miller	

Oxygenates by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7G19061	Water Preparation Method: EPA 5030B
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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LCS (7G19061-BS1)

Extracted: 07/19/07 15:00

tert-Amyl Methyl Ether	EPA 8260B	19.2	---	1.00	ug/l	1x	--	20.0	96.0%	(75-125)	--	--	07/19/07 16:32	
Benzene	"	18.8	---	0.500	"	"	--	"	94.0%	(80-120)	--	--	"	
tert-Butyl Alcohol	"	86.2	---	50.0	"	"	--	100	86.2%	(75-125)	--	--	"	
Diisopropyl ether	"	19.7	---	1.00	"	"	--	20.0	98.5%	"	--	--	"	
Ethyl tert-butyl ether	"	19.3	---	1.00	"	"	--	"	96.6%	"	--	--	"	
Ethanol	"	329	---	250	"	"	--	400	82.2%	"	--	--	"	
Ethylbenzene	"	19.6	---	0.500	"	"	--	20.0	98.2%	"	--	--	"	
Methyl tert-butyl ether	"	18.9	---	5.00	"	"	--	"	94.6%	(75-126)	--	--	"	
Toluene	"	20.1	---	0.500	"	"	--	"	100%	(75-125)	--	--	"	
o-Xylene	"	20.4	---	1.00	"	"	--	"	102%	(75-130)	--	--	"	
m,p-Xylene	"	40.0	---	2.00	"	"	--	40.0	99.9%	(75-125)	--	--	"	
Xylenes (total)	"	60.3	---	3.00	"	"	--	60.0	101%	"	--	--	"	

Surrogate(s):	1,2-DCA-d4	Recovery:	96.0%	Limits:	70-130%	"							07/19/07 16:32	
	Toluene-d8		101%		75-125%	"							"	
	4-BFB		101%		75-125%	"							"	

LCS Dup (7G19061-BSD1)

Extracted: 07/19/07 15:00

tert-Amyl Methyl Ether	EPA 8260B	19.1	---	1.00	ug/l	1x	--	20.0	95.6%	(75-125)	0.365% (25)	07/19/07 16:58	
Benzene	"	17.9	---	0.500	"	"	--	"	89.6%	(80-120)	4.80% (20)	"	
tert-Butyl Alcohol	"	89.9	---	50.0	"	"	--	100	89.9%	(75-125)	4.16% (25)	"	
Diisopropyl ether	"	19.5	---	1.00	"	"	--	20.0	97.4%	"	1.07% "	"	
Ethyl tert-butyl ether	"	19.1	---	1.00	"	"	--	"	95.6%	"	0.988% "	"	
Ethanol	"	361	---	250	"	"	--	400	90.2%	"	9.17% "	"	
Ethylbenzene	"	18.6	---	0.500	"	"	--	20.0	93.0%	"	5.44% (20)	"	
Methyl tert-butyl ether	"	19.0	---	5.00	"	"	--	"	95.0%	(75-126)	0.475% "	"	
Toluene	"	18.8	---	0.500	"	"	--	"	93.8%	(75-125)	6.79% "	"	
o-Xylene	"	19.4	---	1.00	"	"	--	"	96.8%	(75-130)	4.98% "	"	
m,p-Xylene	"	38.1	---	2.00	"	"	--	40.0	95.2%	(75-125)	4.79% "	"	
Xylenes (total)	"	57.4	---	3.00	"	"	--	60.0	95.8%	"	4.86% "	"	

Surrogate(s):	1,2-DCA-d4	Recovery:	93.2%	Limits:	70-130%	"							07/19/07 16:58	
	Toluene-d8		101%		75-125%	"							"	
	4-BFB		101%		75-125%	"							"	

TestAmerica - Seattle, WA

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Sandra Yakamovich

Sandra Yakamovich, Project Manager



Delta Environmental 4006 148th Ave NE Redmond, WA/USA 98052	Project Name: Shell-1935 N. Northgate Way; Seattle, WA Project Number: 97420024 SAP#120819 Project Manager: Matthew Miller	Report Created: 07/27/07 16:42
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Semivolatile Petroleum Products by NWTPH-Dx - Laboratory Quality Control Results
 TestAmerica - Spokane, WA

QC Batch: 7070114	Water Preparation Method: EPA 3510/600 Series
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Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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Blank (7070114-BLK1)										Extracted: 07/20/07 09:21				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	07/20/07 16:11	
Heavy Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
<i>Surrogate(s): 2-FBP Recovery: 88.1% Limits: 50-150% "</i>														
<i>p-Terphenyl-d14 90.6% 50-150% "</i>														

LCS (7070114-BS1)										Extracted: 07/20/07 09:21				
Diesel Range Hydrocarbons	NWTPH-Dx	2.16	---	0.250	mg/l	1x	--	2.50	86.2%	(50-150)	--	--	07/20/07 16:48	
<i>Surrogate(s): 2-FBP Recovery: 103% Limits: 50-150% "</i>														
<i>p-Terphenyl-d14 99.4% 50-150% "</i>														

LCS Dup (7070114-BSD1)										Extracted: 07/20/07 09:21				
Diesel Range Hydrocarbons	NWTPH-Dx	2.17	---	0.250	mg/l	1x	--	2.50	86.9%	(50-150)	0.777% (11.8)		07/20/07 17:25	
<i>Surrogate(s): 2-FBP Recovery: 102% Limits: 50-150% "</i>														
<i>p-Terphenyl-d14 102% 50-150% "</i>														

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 shall not be reproduced except in full, without the written approval of the laboratory.



Delta Environmental

4006 148th Ave NE
Redmond, WA/USA 98052

Project Name: **Shell-1935 N. Northgate Way; Seattle, WA**

Project Number: 97420024 SAP#120819

Project Manager: Matthew Miller

Report Created:

07/27/07 16:42

Notes and Definitions

Report Specific Notes:

- QP - Hydrocarbon result partly due to individual peak(s) in quantitation range.

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' nor '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 Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.
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.

TestAmerica - Seattle, WA

Sandra Yakamovich

Sandra Yakamovich, Project Manager

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☐ TA - Morgan Hill, California
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☐ TA - Nashville, Tennessee
☐ Calscience
☒ Other _____



SHELL Chain Of Custody Record

BQG 0.335

[illegible]

05/02/06 Revision

02/06 Revision
w/o 16.4