Release # 361399
Q Lube; U Village
Seattle
UST # 6808

CONESTOGA-ROVERS
& ASSOCIATES

June 12, 2007

Mr. John Bails
Northwest Regional Office
Washington Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008-5452

Re: **Site Investigation Report**
Jiffy Lube Service Station
4902 25th Ave. NE
Seattle, Washington
SAP No. 171156
Incident No. 97605414

RECEIVED
JUN 15 2007
DEPT OF ECOLOGY

Dear Mr. Bails:

Cambria Environmental Technology, Inc. (Cambria) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) to document the recent site investigation activities at the above referenced site. CRA acquired the former Cambria Environmental Technology, Inc on April 1, 2007. The majority of work was completed by Cambria and will be referenced as such. The purpose of the investigation was to evaluate current soil and groundwater conditions throughout the property boundary of the subject site.

EXECUTIVE SUMMARY

- Cambria supervised the drilling of four soil borings during this investigation to evaluate current soil and groundwater conditions. Soil borings SB-6, SB-7 and SB-9 were completed beneath the above ground storage tank (AST) storage room and SB-11 beneath the service pit.
- Soil borings SB-8 and SB-10 were completed without collection of samples due to hand auger refusal immediately below the concrete floor.
- Grab groundwater samples were collected from SB-6, SB-7 and SB-9 beneath the AST storage room.
- Concentrations of gasoline range hydrocarbons above Washington State Model Toxic Control Act (MTCA) Method A clean up levels are present along the eastern portion of the site at SB-6 and SB-7.
- All other gasoline constituents are below MTCA Method A in all of the soil samples.
- The impacts are believed to be related to the historical use of the property as a gasoline service station.

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& ASSOCIATES

SITE DESCRIPTION AND BACKGROUND

The subject site is an active Jiffy Lube facility consisting of a single structure located at 4902 25th Ave NE in Seattle, Washington (Figure 1). The service bays are located in the upper level of the building and a storage room for ASTs is located in the basement (Figure 2). The basement of building is also occupied by La Escuelita daycare. The groundwater flow direction is assumed toward the south-east and Lake Washington.

INVESTIGATION RESULTS

Drilling Dates: November 14th, 2006

Drilling Company: Boart Longyear

Personnel: Geologist Bryan Palmer directed the drilling activities under the supervision of Justin Foslien (Washington State Licensed Geologist #2540).

Drilling Method: Direct-push

Number of Borings: Six soil borings (SB-6 through SB-11) were drilled during this investigation. The boring specifications and soil types encountered are described on the boring logs contained in Attachment C. The boring locations are shown on Figure 2.

Boring Depths: The boring depths were completed to a depth of 3.25' to 11' feet below ground surface (bgs).

Groundwater Depths: Groundwater was observed 2' to 3.2' bgs.

Soil Disposal: Soil generated from drilling was placed into a 55-gallon drum. The drum was sampled and profiled prior to transport and disposal by Burlington Environmental, Inc. Waste disposal manifests are included in Attachment B.

FINDINGS

Soil: The soil chemical analytical data are summarized in Tables 1 through 3. Laboratory analytical reports are presented in Attachment C.

Groundwater: The groundwater chemical analytical data are summarized in Table 4 and 5. Laboratory analytical reports are presented in Attachment C.

CONCLUSIONS

Concentrations of gasoline range hydrocarbons in soil and grab groundwater samples collected from SB-6 and SB-7 exceed the MTCA Method A cleanup levels. CRA reviewed applicable state requirements regarding the soil vapor pathway into interior building spaces. Since the levels of gasoline range hydrocarbons reported in the samples collected beneath the building are not significantly greater than the potable groundwater cleanup levels and the volatile organic compounds (BTEX) were not detected, it is our opinion that the risk of soil vapor intrusion is minimal. In addition the groundwater in this area is not likely potable and the solid, concrete foundation may act as a barrier to vapor intrusion. The soil and groundwater data indicate a gasoline source likely associated with the historical use of the property as a gasoline service station. The laboratory reports are included as Attachment C.

RECOMMENDATIONS

CRA proposes to install a monitoring wells east of SB-6 to define the lateral extent of impacted soil and groundwater and potential offsite migration.

CLOSING

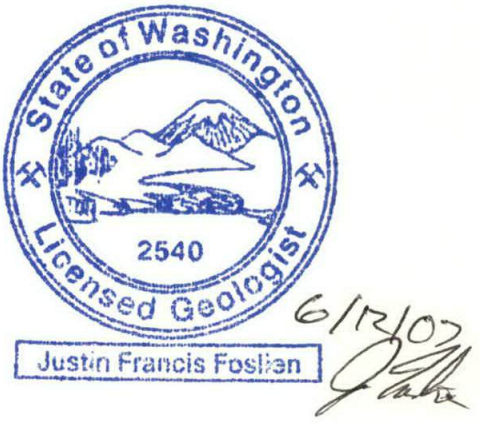
The data collected during this investigation will be used to evaluate corrective action alternatives for this site.

If you have any questions regarding the contents of this document, please call Justin Foslien at (425) 212-5111.

CONESTOGA-ROVERS
& ASSOCIATES

Sincerely,

Conestoga-Rovers & Associates, Inc.



Justin Foslien, LG
Project Geologist

Figures: 1 - Vicinity Map
2 - Site Map

Tables: 1 - Summary of Soil Analytical Data
2 - Summary of Soil Analytical Data
3 - Summary of Soil Analytical Data
4 - Summary of Groundwater Analytical Data
5 - Summary of Groundwater Analytical Data

Attachments: A - Boring Logs
B - Waste Disposal Manifests
C - Certified Analytical Reports

cc: Carol Campagna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Brian Clark, Heartland Automotive Services, Inc., 11308 Davenport Street, The Atriam Building, Omaha, NB 68154-5645
Bob Cahill, Heartland Automotive Services, Inc., 15007 Woodinville-Redmond Rd. Suite A, Woodinville, WA 98072

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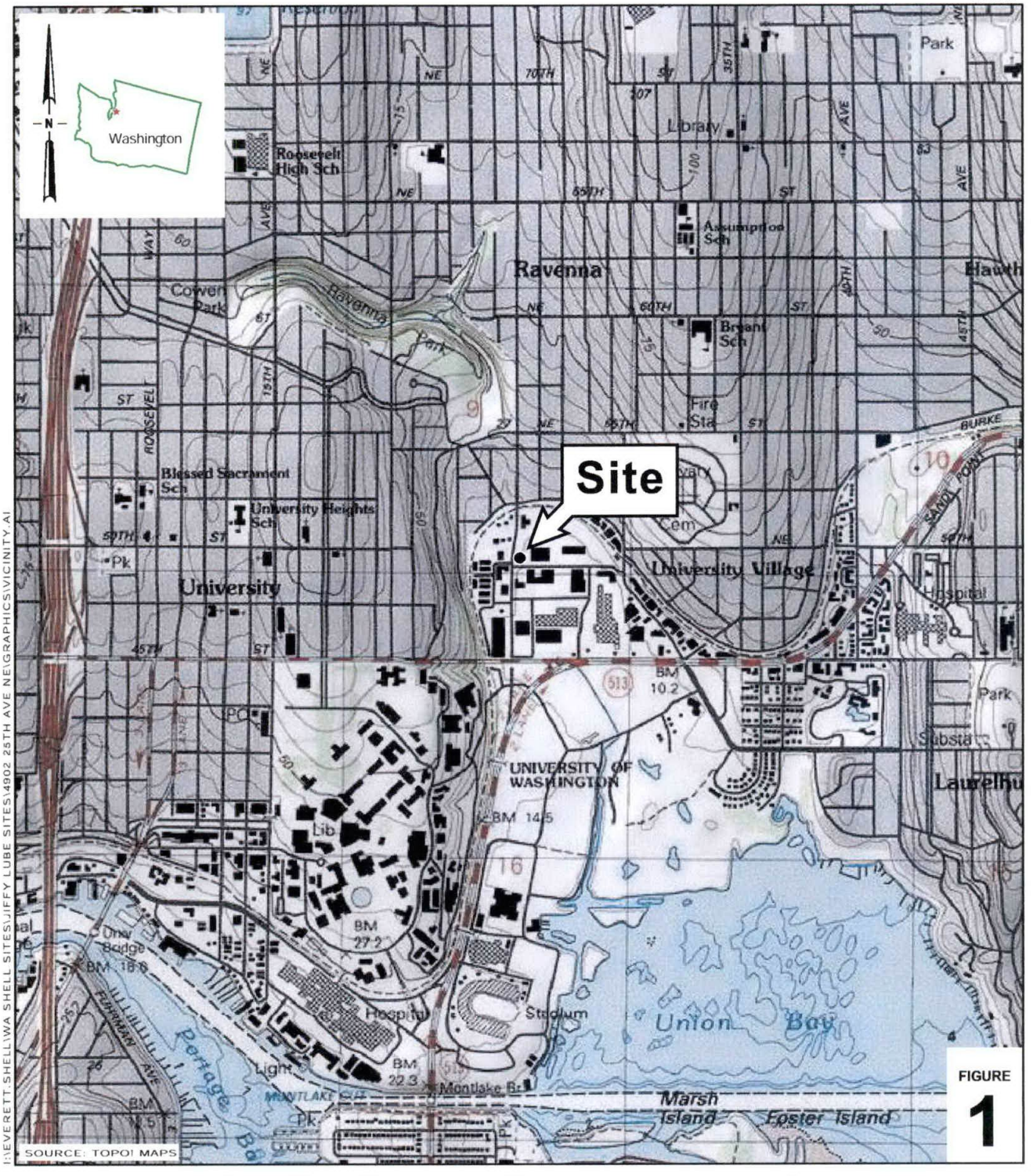

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FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Jiffy Lube No. 2075

4902 25th Avenue N.E.

Seattle, Washington

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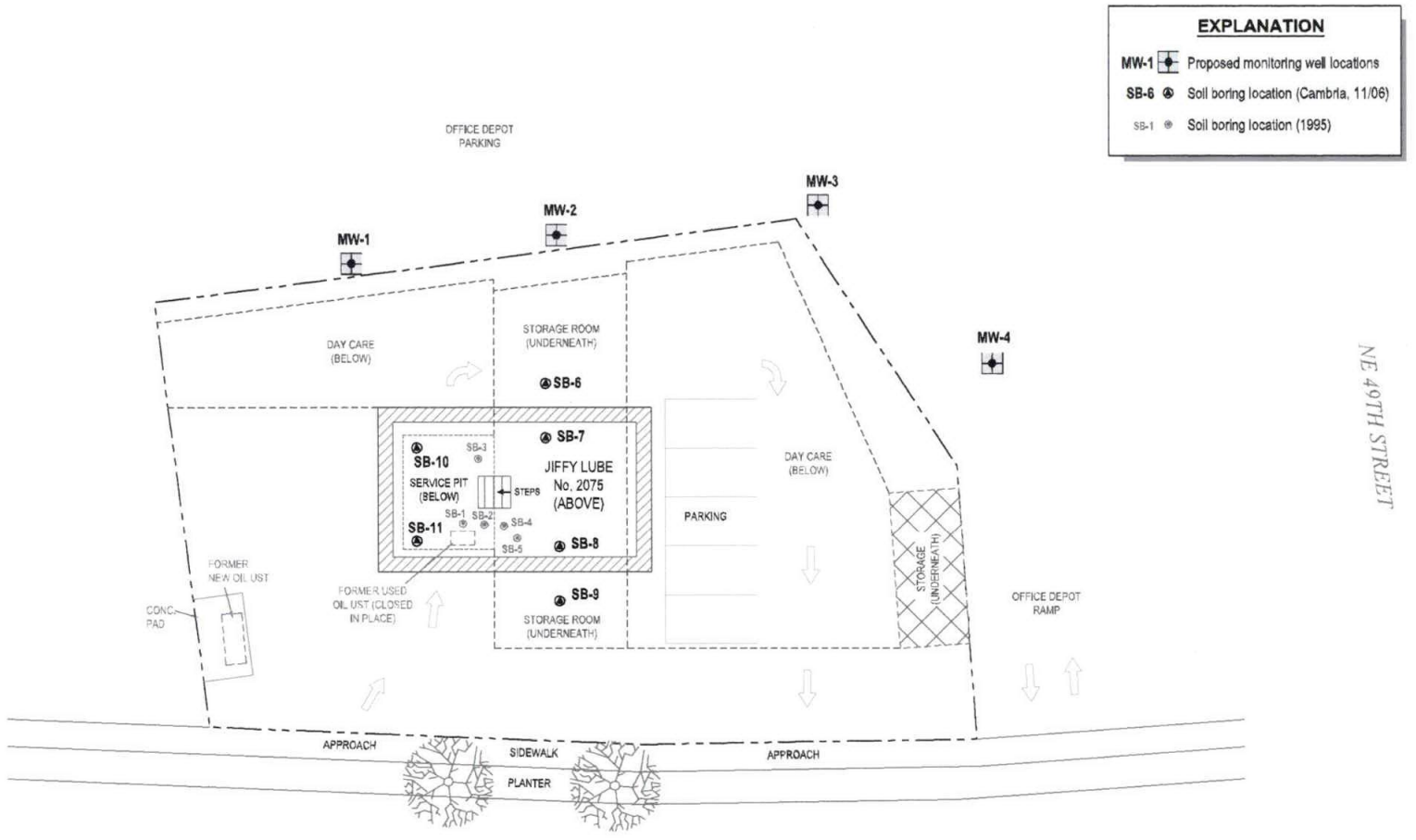
Vicinity Map

12/29/06



Basemap modified from drawing provided by Geo Engineers

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Site Plan

CONESTOGA-ROVERS & ASSOCIATES

Jiffy Lube No. 2075
4902 25th Avenue N.E.
Seattle, Washington

FIGURE
2

Table 1

SUMMARY OF SOIL ANALYTICAL RESULTS
SAP# 171156
JLI# 2075
4902 25th AVE NE
Seattle, Washington

Analyte	*MTCA Method A Cleanup Levels*	SB6-2	SB6-4	SB7-4	SB7-6	SB9-2	SB9-4	SB10-2	SB10-3
Sample Date		11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006
Sample Depth		2	4	4	6	2	4	2	3
TPH-G (mg/kg)	*100*	*<4.29*	*1870.00*	*2620.00*	*14.40*	*48.40*	*204.00*	*35.20*	*4.82*
TPH-D (mg/kg)	*2000*	*24.70*	*345.00*	*431.00*	*<12.7*	*13.40*	*24.40*	*26.70*	*42.60*
TPH-O (mg/kg)	*2000*	*146.00*	*1630.00*	*1820.00*	*<31.8*	*<29.4*	*<29.4*	*185.00*	*185.00*
MTBE (mg/kg)	*0.1*	*<0.43*	*<0.64*	*<0.44*	*<0.49*	*<0.49*	*<0.42*	*<0.44*	*<0.48*
Benzene (mg/kg)	*0.03*	*<0.02*	*<0.03*	*<0.02*	*<0.02*	*<0.02*	*<0.02*	*<0.02*	*<0.02*
Toluene (mg/kg)	*7*	*<0.09*	*<0.13*	*<0.09*	*<0.10*	*<0.10*	*<0.08*	*<0.09*	*<0.10*
Ethylbenzene (mg/kg)	*6*	*<0.09*	*<0.13*	*<0.09*	*<0.10*	*<0.10*	*0.23*	*<0.09*	*<0.10*
Xylenes (mg/kg)	*9*	*<0.26*	*<0.38*	*<0.26*	*<0.29*	*<0.29*	*<0.25*	*<0.26*	*<0.29*
1,2-Dichloroethane (mg/kg)	*0.005*	*<0.04*	*<0.06*	*<0.04*	*<0.05*	*<0.05*	*<0.04*	*<0.04*	*<0.05*
1,2-Dibromoethane (mg/kg)	*0.005*	*<0.04*	*<0.06*	*<0.04*	*<0.05*	*<0.05*	*<0.04*	*<0.04*	*<0.05*
Total Lead (mg/kg)	*250*	*9.32*	*4.68*	*4.83*	*1.77*	*76.70*	*18.20*	*165.00*	*51.80*

TPH-G = gasoline range hydrocarbons (C4-C12)
TPH-D = diesel range hydrocarbons (C10-C28)
TPH-O = oil range hydrocarbons (C16-C36)

MTBE = methyl-tert-butyl-ether
Xylenes = o-xylene + m,p xylene
Shaded concentrations indicate the result exceeds the MTCA Method A cleanup level for that analyte.

Table 2

SUMMARY OF SOIL ANALYTICAL RESULTS
SAP# 171156
JLI# 2075
4902 25th Ave NE
Seattle, Washington

Analyte	*MTCA Method A Cleanup Levels*	SB6-2	SB6-4	SB7-4	SB7-6	SB9-2	SB9-4	SB10-2	SB10-3
Sample Date		11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006
VPHs (mg/kg)									
C5-C6 Aliphatics		*<4.29*	*<63.5*	*<44.1*	*<4.92*	*<4.92*	*<42.4*	—	—
C6-C8 Aliphatics		*<4.29*	*<63.5*	*<44.1*	*<4.92*	*<4.92*	*<42.4*	—	—
C8-C10 Aliphatics		*<4.29*	*181*	*331*	*<4.92*	*<4.92*	*<42.4*	—	—
C8-C10 Aromatics		*<4.29*	*203*	*289*	*<4.92*	*<4.92*	*<42.4*	—	—
C12-C13 Aromatics		*<4.29*	*<63.5*	*<44.1*	*<4.92*	*6.3*	*<42.4*	—	—
Total VPH		*<30.1*	*<445*	*651*	*<34.4*	*<34.4*	*<297*	—	—
EPHs (mg/kg)									
C8-C10 Aliphatics		*<5.77*	*234*	*22.3*	*<6.24*	*<6.01*	*<5.74*	—	—
C10-C12 Aliphatics		*<5.77*	*591*	*194*	*<6.24*	*<6.01*	*6.74*	—	—
C12-C16 Aliphatics		*<5.77*	*<30.5*	*24.7*	*<6.24*	*<6.01*	*8.24*	—	—
C16-C21 Aliphatics		*<5.77*	*<30.5*	*62*	*<6.24*	*<6.01*	*<5.74*	—	—
C21-C34 Aliphatics		*82*	*684*	*1150*	*<6.24*	*<6.01*	*<5.74*	—	—
C8-C10 Aromatics		*<5.77*	*<30.5*	*<6.03*	*<6.24*	*<6.01*	*<5.74*	—	—
C10-C12 Aromatics		*<5.77*	*132*	*34.4*	*<6.24*	*<6.01*	*<5.74*	—	—
C12-C16 Aromatics		*<5.77*	*<30.5*	*12.5*	*<6.24*	*<6.01*	*13.70*	—	—
C16-C21 Aromatics		*<5.77*	*<30.5*	*19.9*	*<6.24*	*<6.01*	*<5.74*	—	—
C21-C34 Aromatics		*<5.77*	*172*	*180*	*<6.24*	*<6.01*	*<5.74*	—	—
Extractable Petroleum Hydrocarbons		*82*	*1810*	*1700*	*<62.4*	*<60.1*	*<57.4*	—	—
PCBs (mg/kg)									
Aroclor - 1016 [2C]		*<0.0291*	*<0.0309*	*<0.030*	*<0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1221		*<0.0583*	*<0.0618*	*<0.0599*	*0.1*	*<0.0595*	*<0.0574*	*<0.0599*	*<0.0618*
Aroclor - 1232		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1242		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1248		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1254		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1260 [2C]		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1262		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*
Aroclor - 1268		*<0.0291*	*<0.0309*	*<0.030*	*0.0313*	*<0.0298*	*<0.0287*	*<0.0299*	*<0.0309*

PCBs = polychlorinated biphenols
VPHs = Volatile Petroleum Hydrocarbons
EPHs = Extractable Petroleum Hydrocarbons
--- = not analyzed
Shaded concentrations indicate the result exceeds the MTCA Method A cleanup level for that analyte.

Table 3

SUMMARY OF SOIL ANALYTICAL RESULTS
SAP# 171156
JLI# 2075
4902 25th Ave NE
Seattle, Washington

Analyte	*MTCA Method A Cleanup Levels*	SB6-2	SB6-4	SB7-4	SB7-6	SB9-2	SB9-4	SB10-2	SB10-3	
Sample Date		11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	11/15/2006	
Sample Depth		2	4	4	6	2	4	2	3	
PAHs (mg/kg)										
Acenaphthene		*< 0.0115*	*< 0.0122*	*0.0149*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
Acenaphthylene		*< 0.0115*	*< 0.0122*	*0.0863*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
Anthracene		*< 0.0115*	*< 0.0122*	*0.0172*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
Fluoranthene		*< 0.0115*	*0.0396*	*0.0575*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0215*	
Flourene		*< 0.0115*	*0.0362*	*0.0486*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
1-Methylnaphthalene		*0.0158*	*0.697*	*0.7500*	*< 0.0125*	*0.0464*	*0.749*	*< 0.0241*	*< 0.0124*	
2-Methylnaphthalene		*0.0295*	*1.49*	*1.45*	*< 0.0125*	*0.1110*	*1.870*	*< 0.0241*	*< 0.0124*	
Naphthalene	*5*	*< 0.0115*	*0.402*	*0.1810*	*< 0.0125*	*0.0145*	*0.135*	*< 0.0241*	*< 0.0124*	
Phenanthrene		*< 0.0115*	*0.0869*	*0.1010*	*< 0.0125*	*< 0.0120*	*< 0.01*	*< 0.0241*	*< 0.0125*	
Pyrene		*< 0.0115*	*0.0989*	*0.1120*	*< 0.0125*	*< 0.0120*	0.0178	*< 0.0241*	*< 0.0295*	
cPAHs (mg/kg)										
Benzo(a)anthracene		*< 0.0115*	*< 0.0123*	*0.0285*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0127*	
Chrysene		*< 0.0115*	*1.0205*	*0.0356*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0358*	
Benzo(b)fluoranthene		*0.0115*	*< 0.0122*	*< 0.0121*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0174*	
Benzo(k)fluoranthene		*< 0.0115*	*< 0.0122*	*< 0.0121*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0127*	
Benzo(a)pyrene	*0.1*	*< 0.0115*	*< 0.0122*	*< 0.0121*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*0.0182*	
Indeno(1,2,3-cd)pyrene		*< 0.0115*	*< 0.0122*	*< 0.0121*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
Dibenzo(a,h)anthracene		*< 0.0115*	*< 0.0122*	*< 0.0121*	*< 0.0125*	*< 0.0120*	*< 0.0115*	*< 0.0241*	*< 0.0124*	
Total cPAHs (mg/kg) Calculation		cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	cPAHs x TEF (mg/kg)	*Toxic Equivalency Factor (TEF)*
Benzo(a)anthracene		0.00115	0.00123	0.00285	0.00125	0.0012	0.00115	0.00241	0.00127	*0.1*
Chrysene		0.000115	0.010205	0.000356	0.000125	0.00012	0.000115	0.000241	0.000358	*0.01*
Benzo(b)fluoranthene		0.00115	0.00122	0.00121	0.00125	0.0012	0.00115	0.00241	0.00174	*0.1*
Benzo(k)fluoranthene		0.00115	0.00122	0.00121	0.00125	0.0012	0.00115	0.00241	0.00127	*0.1*
Benzo(a)pyrene	*0.1*	0.0115	0.0122	0.0121	0.0125	0.012	0.0115	0.0241	0.0182	*1.0*
Indeno(1,2,3-cd)pyrene		0.00115	0.00122	0.00121	0.00125	0.0012	0.00115	0.00241	0.00124	*0.1*
Dibenzo(a,h)anthracene		0.0046	0.00488	0.00484	0.005	0.0048	0.0046	0.00964	0.00496	*0.4*
Total cPAHs (mg/kg)*	*0.1*	0.020815	0.032175	0.023776	0.022625	0.02172	0.020815	0.043621	0.029038	

* = Total cPAHs are calculated using the Toxic Equivalency Factors for cPAHs found on page 21 of WSDOE's publication titled "Cleanup Levels and Risk Calculations under the Model Toxics Control Act Cleanup Regulation," Version 3.1, November 2001.
Total cPAHs MTCA Method A cleanup level is based on benzo(a)pyrene
Shaded concentrations indicate the result exceeds the MTCA Method A cleanup level for that analyte.

Table 4

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SAP# 171156
JLI# 2075
4902 25th Ave NE
Seattle, Washington

Analyte	*MTCA Method A Cleanup Levels*	SB6	SB7	SB9
Depth to Groundwater (ft)		2.0	3.2	2.7
TPH-G (µg/L)	***800***	*2310.00*	*1660.00*	*85.50*
TPH-D (µg/L)	***500***	*< 0.245*	*< 0.253*	*< 0.243*
TPH-O (µg/L)	***500***	*< 0.490*	*< 0.505*	*< 0.485*
MTBE (µg/L)	***20***	*< 5.00*	*< 5.00*	*< 5.00*
Benzene (µg/L)	***5***	*< 0.500*	*< 0.500*	*< 0.500*
Toluene (µg/L)	***1000***	*< 0.500*	*< 0.500*	*< 0.500*
Ethylbenzene (µg/L)	***700***	*< 0.500*	*< 0.500*	*< 0.500*
Xylenes (µg/L)	***1000***	*< 3.00*	*< 3.00*	*< 3.00*
1,2-Dichloroethane(µg/L)	***5***	*< 0.500*	*< 0.500*	*< 0.500*
1,2-Dibromoethane (µg/L)	***0.01***	*< 0.500*	*< 0.500*	*< 0.500*
Total Lead (µg/L)	***15***	*7.86*	*3.47*	*8.3*
PCBs (µg/L)				
Aroclor - 1016 [2C]		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1221		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1232		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1242		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1248		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1254		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1260 [2C]		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1262		*< 0.476*	*< 0.495*	*< 0.476*
Aroclor - 1268		*< 0.476*	*< 0.495*	*< 0.476*

TPH-G = gasoline range hydrocarbons (C4-C12)
TPH-D = diesel range hydrocarbons (C10-C28)
TPH-O = oil range hydrocarbons (C16-C36)
MTBE = methyl-tert-butyl-ether
Xylenes = o-xylene + m,p xylene
PCBs = polychlorinated biphenols
cPAHs = polycyclic aromatic hydrocarbons identified as known or probable human carcinogens by the US EPA
Shaded concentrations indicate the result exceeds the MTCA Method A cleanup level for that analyte.

Table 5

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SAP# 171156
JLI# 2075
4902 25th Ave NE
Seattle, Washington

Analyte	*MTCA Method A Cleanup Levels*	SB6	SB7	SB9
Depth to Groundwater (ft)		**2.0**	**3.2**	**2.7**
PAHs (mg/kg)				
Acenaphthene		*< 0.0980*	*0.574*	*< 0.0943*
Acenaphthylene		*< 0.0980*	*< 0.100*	*< 0.0943*
Anthracene		*< 0.0980*	*0.116*	*< 0.0943*
Fluoranthene		*< 0.0980*	*0.438*	*< 0.0943*
Flourene		*< 0.0980*	*0.100*	*< 0.0943*
1-Methylnaphthalene		*0.810*	*1.750*	*0.147*
2-Methylnaphthalene		*1.380*	*2.710*	*0.345*
Naphthalene	***160***	*2.180*	*1.170*	*0.125*
Phenanthrene		*< 0.0980*	*0.250*	*< 0.0943*
Pyrene		*< 0.0980*	*0.392*	*< 0.0943*
cPAHs (mg/kg)				
Benzo(a)anthracene		*< 0.0980*	*< 0.100*	*< 0.0943*
Chrysene		*< 0.0980*	*< 0.100*	*< 0.0943*
Benzo(b)fluoranthene		*< 0.0980*	*< 0.100*	*< 0.0943*
Benzo(k)fluoranthene		*< 0.0980*	*< 0.100*	*< 0.0943*
Benzo(a)pyrene	***0.1***	*< 0.0980*	*< 0.100*	*< 0.0943*
Indeno(1,2,3-cd)pyrene		*< 0.0980*	*< 0.100*	*< 0.0943*
Dibenzo(a,h)anthracene		*< 0.0980*	*< 0.100*	*< 0.0943*

PCBs = polychlorinated biphenols
cPAHs = polycyclic aromatic hydrocarbons identified as known or probable human carcinogens by the US EPA
Shaded concentrations indicate the result exceeds the MTCA Method A cleanup level for that analyte.

Attachment A

Boring Logs

Cambria Environmental Technology, Inc.
8620 Holly Drive, Suite 210
Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-10
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type Bottom of Boring @ 0.833 ft

WELL LOG EVERETT C:\DOCUMENTS AND SETTINGS\AVANDERPAARD\DESKTOP\SHELL_SEAT.GPJ DEFAULT.GDT 3/9/07

Cambria Environmental Technology, Inc.
8620 Holly Drive, Suite 210
Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-11
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type I/II
0		SB-11 @2' (mislabeled SB-10)			SW		Gravelly SAND with well rounded cobbles: Olive gray; moist, med permeability.	3.0	Bentonite Seal
0		SB-11 @3' (mislabeled SB-10)					Refusal	3.3	Bottom of Boring @ 3.25 ft

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Cambria Environmental Technology, Inc.
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Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-6
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger/ Geoprobe	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type I/II
0		SB-6@ 2', SB6@2' (grab groundwater sample) SB-6@ 4'			ML		sandy SILT with cobbles and organics: Black; moist, low plasticity, med permeability.	4.0	
1000				5			SILT; wet, high permeability. (soupy, little recovery)	6.0	Bentonite Seal
630					SW		SILT; wet, high permeability. (soupy, little recovery)	10.0	Bottom of Boring @ 10 ft
				10					

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Cambria Environmental Technology, Inc.
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Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-7
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger/ Geoprobe	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA ▽
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type I/II
905		SB7@3.2' (grab groundwater sample)			SC		Clayey SAND with gravel: Dark red-brown; wet, low plasticity, med permeability.	4.0	
915		SB-7@ 4'		5	SW		Gravelly SAND with cobbles: Gray; moist, low permeability.	6.0	Bentonite Seal
10.9		SB-7@ 6'			SW		Gravelly SAND with cobbles: Gray; wet, high permeability.	10.0	
				10					Bottom of Boring @ 10 ft

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Cambria Environmental Technology, Inc.
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Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-8
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type Bottom of Boring @ 0.583 ft

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Cambria Environmental Technology, Inc.
8620 Holly Drive, Suite 210
Everett, WA 98208
Telephone: 425.353.6670
Fax: 425.353.6443

BORING/WELL LOG

CLIENT NAME	Shell Oil Products US	**BORING/WELL NAME**	SB-9
JOB/SITE NAME	LYNN6808	**DRILLING STARTED**	14-Nov-06
LOCATION	4902 25th Avenue, NE, Seattle, WA	**DRILLING COMPLETED**	14-Nov-06
PROJECT NUMBER	248-1735	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Boart Longyear Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hand auger/ Geoprobe	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	2	**SCREENED INTERVAL**	NA
LOGGED BY	Bryan Palmer	**DEPTH TO WATER (First Encountered)**	NA
REVIEWED BY	J. Foslien	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)	WELL DIAGRAM
							Concrete		Portland Type I/II
101		SB-9@ 2', SB9@2.7' (grab groundwater sample) SB-9@ 4'			SW		Clayey SAND with gravel: Olive gray; moist, low plasticity, med permeability.	4.0	
184				5	SC		Clayey SAND with trace cobbles: Gray; moist, low plasticity, low permeability.	6.0	Bentonite Seal
					SW		Clayey SAND with trace cobbles: Gray; wet, low plasticity, high permeability.	10.0	
				10					Bottom of Boring @ 10 ft

WELL LOG EVERETT C:\DOCUMENTS AND SETTINGS\AVANDERPAARDT\DESKTOP\SHELL_SEAT.GPJ DEFAULT.GDT 3/9/07

Attachment B

Waste Disposal Manifest

***24 HOUR EMERGENCY RESPONSE, CALL (800) 567-7455 ***

PSC

SHIPPING PAPER

Lading Manifest: 17587-06

DELIVERY DATE	JOB # 758306

SHIPPER / CUSTOMER SHELL OIL PRODUCTS US 300-F07	POINT OF CONTACT DON WISDOM
ADDRESS 12700 NORTHBOROUGH DR	PHONE # (281)874-2238
CITY, STATE, ZIP HOUSTON TX 77067	
CARRIER / TRANSPORTER BURLINGTON ENVIRONMENTAL, INC.	PHONE # (253)383-3044
CONSIGNEE / FACILITY BURLINGTON ENVIRONMENTAL, INC.	POINT OF CONTACT
ADDRESS 20245 77TH AVENUE SOUTH	PHONE # (253)872-8030
CITY, STATE, ZIP KENT , WA 98032	

HM	US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	Containers No.	Containers Type	Total Quantity	UOM	
A	SOIL WITH GASOLINE AND DIESEL, NON HAZARDOUS, NON-DOT REGULATED		1	DM 100		P
B	9240 E					
C						
D						

Special Handling Instruction and Additional Information:

a) 350039-01 - NON HAZ SOIL - LF01 LFB01 STAB01 (8) SITE: 4902 25TH AVE NE, SEATTLE, WA. SAP 2075. SHELL PM: CAROL CAMPAGNA. RIPR 57120. ** KENT: MAIL BOL TO CAMBRIA, BRYAN PALMER, 8620 HOLLY DR, EVERETT, WA 98208**

Placards Provided YES_____ NO_____

SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, vessel, and rail according to applicable international and national government regulations.

		MONTH	DAY	YEAR
(SHIPPER) PRINT OR TYPE NAME X Andy Macmanian	SIGNATURE X	12	22	06
(CARRIER/TRANSPORTER) PRINT OR TYPE NAME X MARK E BOWMAN	SIGNATURE X	12	22	06
(CONSIGNEE/FACILITY) PRINT OR TYPE NAME X Natasha Gier	SIGNATURE X	12	22	06

CONSIGNEE

***24 HOUR EMERGENCY RESPONSE, CALL (800) 567-7455 ***

PSC

SHIPPING PAPER

Lading Manifest: 17588-06

DELIVERY DATE	JOB # 758306
SHIPPER / CUSTOMER: SHELL OIL PRODUCTS US 300-F07	POINT OF CONTACT: DON WISDOM
ADDRESS: 12700 NORTHBOROUGH DR	PHONE #: (281)874-2238
CITY, STATE, ZIP: HOUSTON TX 77067	
CARRIER / TRANSPORTER: BURLINGTON ENVIRONMENTAL, INC.	PHONE #: (253)383-3044
CONSIGNEE / FACILITY: BURLINGTON ENVIRONMENTAL, INC.	POINT OF CONTACT
ADDRESS: 20245 77TH AVENUE SOUTH	PHONE #: (253)872-8030
CITY, STATE, ZIP: KENT , WA 98032	

HM	US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	Containers No.	Containers Type	Total Quantity	UOM
A	NON-HAZARDOUS WASTE LIQUID (DECON WATER)		1	DM 30	G
B					
C					
D					

9239E

Special Handling Instruction and Additional Information:

a) 355672-00 - NON HAZ DECON WATER - WAT05 WATB05 STAB01 (10) SITE: 4902 25TH AVE NE, SEATTLE, WA. SAP 2075. SHELL PM: CAROL CAMPAGNA. RIPR 57121. ** KENT: MAIL BOL TO CAMBRIA, BRYAN PALMER, 8620 HOLLY DR, EVERETT, WA 98208**

Placards Provided YES_____ NO_____

SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, vessel, and rail according to applicable international and national government regulations.

		MONTH	DAY	YEAR
(SHIPPER) PRINT OR TYPE NAME: X Holly Marlanlan	SIGNATURE: X	12	22	06
(CARRIER/TRANSPORTER) PRINT OR TYPE NAME: X MARK BOWMAN	SIGNATURE: X	12	22	06
(CONSIGNEE/FACILITY) PRINT OR TYPE NAME: X Natasha Gier	SIGNATURE: X	12	28	06

CONSIGNEE

Attachment C

Certified Analytical Reports

TestAmerica
ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

December 12, 2006

Justin Foslien
Cambria - Seattle
8620 Holly Drive, Suite 210
Everett, WA 98208

RE: Shell - 4902 25th AVE NE, Seattle

Enclosed are the results of analyses for samples received by the laboratory on 11/15/06 19:15. The following list is a summary of the Work Orders contained in this report, generated on 12/12/06 16:08.

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

Work Order	Project	ProjectNumber
BPK0455	Shell - 4902 25th AVE NE, Se	SEAT4902 (2075)

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB6@2'	BPK0455-01	Soil	11/15/06 15:40	11/15/06 19:15
SB6@4'	BPK0455-02	Soil	11/15/06 15:45	11/15/06 19:15
SB7@4'	BPK0455-03	Soil	11/15/06 15:20	11/15/06 19:15
SB7@6'	BPK0455-04	Soil	11/15/06 15:50	11/15/06 19:15
SB9@2'	BPK0455-05	Soil	11/15/06 14:40	11/15/06 19:15
SB9@4'	BPK0455-06	Soil	11/15/06 14:45	11/15/06 19:15
SB10@2'	BPK0455-07	Soil	11/15/06 12:45	11/15/06 19:15
SB10@3'	BPK0455-08	Soil	11/15/06 12:50	11/15/06 19:15

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Products by NWTPH-Gx

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	—	4.29	mg/kg dry	1x	6K22015	11/22/06 09:57	11/22/06 22:45	
Surrogate(s): 4-BFB (FID)			*92.6%*		*50 - 150 %*	"			"	
BPK0455-02 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**1870**	—	63.5	mg/kg dry	10x	6K22015	11/22/06 09:57	11/23/06 00:43	**G-02**
Surrogate(s): 4-BFB (FID)			*232%*		*50 - 150 %*	*1x*			"	*SR-4*
BPK0455-03RE1 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**2620**	—	88.2	mg/kg dry	20x	6K27024	11/27/06 10:20	11/27/06 14:41	**G-02**
Surrogate(s): 4-BFB (FID)			*110%*		*50 - 150 %*	*1x*			"	
BPK0455-04RE1 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**14.4**	—	4.92	mg/kg dry	1x	6K27024	11/27/06 10:20	11/27/06 15:41	**G-02**
Surrogate(s): 4-BFB (FID)			*107%*		*50 - 150 %*	"			"	
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**48.4**	—	4.92	mg/kg dry	1x	6K22015	11/22/06 09:57	11/23/06 02:12	
Surrogate(s): 4-BFB (FID)			*118%*		*50 - 150 %*	"			"	
BPK0455-06RE1 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**204**	—	21.2	mg/kg dry	5x	6K27024	11/27/06 10:20	11/27/06 20:38	**G-02**
Surrogate(s): 4-BFB (FID)			*120%*		*50 - 150 %*	*1x*			"	
BPK0455-07RE1 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**35.2**	—	4.39	mg/kg dry	1x	6K27024	11/27/06 10:20	11/27/06 18:39	**G-02**
Surrogate(s): 4-BFB (FID)			*87.5%*		*50 - 150 %*	"			"	
BPK0455-08RE2 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**4.82**	—	4.76	mg/kg dry	1x	6K29027	11/29/06 11:15	11/29/06 16:44	
Surrogate(s): 4-BFB (FID)			*94.0%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Hydrocarbons by WDOE TPH Policy Method

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01RE1 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	—	4.29	mg/kg dry	1x	6K22014	11/22/06 09:43	11/22/06 19:58	
C6-C8 Aliphatics	"	ND	—	4.29	"	"	"	"	"	
C8-C10 Aliphatics	"	ND	—	4.29	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	4.29	"	"	"	"	"	
C12-C13 Aromatics	"	ND	—	4.29	"	"	"	"	"	
Total VPH (TVPH)	"	ND	—	30.1	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*110%*		*60 - 140 %*	"			"	
4-BFB (PID)			*103%*		*60 - 140 %*	"			"	
BPK0455-02RE1 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	—	63.5	mg/kg dry	10x	6K22014	11/22/06 09:43	11/22/06 14:12	
C6-C8 Aliphatics	"	ND	—	63.5	"	"	"	"	"	
C8-C10 Aliphatics	"	**181**	—	63.5	"	"	"	"	"	
C8-C10 Aromatics	"	**203**	—	63.5	"	"	"	"	"	
C12-C13 Aromatics	"	ND	—	63.5	"	"	"	"	"	
Total VPH (TVPH)	"	ND	—	445	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*206%*		*60 - 140 %*	*1x*			"	*SR-4*
4-BFB (PID)			*151%*		*60 - 140 %*	"			"	*SR-4*
BPK0455-03RE1 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	—	44.1	mg/kg dry	10x	6K22014	11/22/06 09:43	11/22/06 22:01	
C6-C8 Aliphatics	"	ND	—	44.1	"	"	"	"	"	
C8-C10 Aliphatics	"	**331**	—	44.1	"	"	"	"	"	
C8-C10 Aromatics	"	**289**	—	44.1	"	"	"	"	"	
C12-C13 Aromatics	"	ND	—	44.1	"	"	"	"	"	
Total VPH (TVPH)	"	**651**	—	309	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*184%*		*60 - 140 %*	*1x*			"	*SR-4*
4-BFB (PID)			*78.1%*		*60 - 140 %*	"			"	
BPK0455-04RE1 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	—	4.92	mg/kg dry	1x	6K22014	11/22/06 09:43	11/22/06 20:28	
C6-C8 Aliphatics	"	ND	—	4.92	"	"	"	"	"	
C8-C10 Aliphatics	"	ND	—	4.92	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	4.92	"	"	"	"	"	
C12-C13 Aromatics	"	ND	—	4.92	"	"	"	"	"	
Total VPH (TVPH)	"	ND	—	34.4	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Hydrocarbons by WDOE TPH Policy Method

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-04RE1 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
Surrogate(s): 4-BFB (FID)			*117%*		*60 - 140 %*	*1x*			*11/22/06 20:28*	
4-BFB (PID)			*107%*		*60 - 140 %*	"			"	
BPK0455-05RE1 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	——	4.92	mg/kg dry	1x	6K22014	11/22/06 09:43	11/22/06 20:59	
C6-C8 Aliphatics	"	ND	——	4.92	"	"	"	"	"	
C8-C10 Aliphatics	"	ND	——	4.92	"	"	"	"	"	
C8-C10 Aromatics	"	ND	——	4.92	"	"	"	"	"	
C12-C13 Aromatics	"	**6.30**	——	4.92	"	"	"	"	"	
Total VPH (TVPH)	"	ND	——	34.4	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*111%*		*60 - 140 %*	"			"	
4-BFB (PID)			*110%*		*60 - 140 %*	"			"	
BPK0455-06RE1 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
C5-C6 Aliphatics	WA MTCA-VPH	ND	——	42.4	mg/kg dry	10x	6K22014	11/22/06 09:43	11/22/06 15:13	
C6-C8 Aliphatics	"	ND	——	42.4	"	"	"	"	"	
C8-C10 Aliphatics	"	ND	——	42.4	"	"	"	"	"	
C8-C10 Aromatics	"	ND	——	42.4	"	"	"	"	"	
C12-C13 Aromatics	"	ND	——	42.4	"	"	"	"	"	
Total VPH (TVPH)	"	ND	——	297	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*114%*		*60 - 140 %*	*1x*			"	
4-BFB (PID)			*109%*		*60 - 140 %*	"			"	

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Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		Soil			Sampled: 11/15/06 15:40					
Diesel Range Hydrocarbons	NWTPH-Dx	24.7	----	11.7	mg/kg dry	1x	6K21034	11/21/06 14:27	11/22/06 16:58	
Lube Oil Range Hydrocarbons	"	146	----	29.3	"	"	"	"	"	
Surrogate(s): 2-FBP			*92.4%*		*54 - 148 %*	"			"	
Octacosane			*101%*		*62 - 142 %*	"			"	
BPK0455-02RE1 (SB6@4')		Soil			Sampled: 11/15/06 15:45					
Diesel Range Hydrocarbons	NWTPH-Dx	345	----	124	mg/kg dry	10x	6K21034	11/21/06 14:27	12/02/06 04:30	Dx-G
Lube Oil Range Hydrocarbons	"	1630	----	310	"	"	"	"	"	
Surrogate(s): 2-FBP			*143%*		*54 - 148 %*	"			"	
Octacosane			*141%*		*62 - 142 %*	"			"	
BPK0455-03RE1 (SB7@4')		Soil			Sampled: 11/15/06 15:20					
Diesel Range Hydrocarbons	NWTPH-Dx	431	----	121	mg/kg dry	10x	6K21034	11/21/06 14:27	12/07/06 15:45	Q5
Lube Oil Range Hydrocarbons	"	1820	----	302	"	"	"	"	"	
Surrogate(s): 2-FBP			*108%*		*54 - 148 %*	"			"	
Octacosane			*107%*		*62 - 142 %*	"			"	
BPK0455-04 (SB7@6')		Soil			Sampled: 11/15/06 15:50					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	12.7	mg/kg dry	1x	6K21035	11/21/06 14:30	11/22/06 17:26	
Lube Oil Range Hydrocarbons	"	ND	----	31.8	"	"	"	"	"	
Surrogate(s): 2-FBP			*104%*		*54 - 148 %*	"			"	
Octacosane			*95.3%*		*62 - 142 %*	"			"	
BPK0455-05 (SB9@2')		Soil			Sampled: 11/15/06 14:40					
Diesel Range Hydrocarbons	NWTPH-Dx	13.4	----	11.8	mg/kg dry	1x	6K21035	11/21/06 14:30	11/22/06 17:55	
Lube Oil Range Hydrocarbons	"	ND	----	29.4	"	"	"	"	"	
Surrogate(s): 2-FBP			*94.0%*		*54 - 148 %*	"			"	
Octacosane			*99.0%*		*62 - 142 %*	"			"	
BPK0455-06 (SB9@4')		Soil			Sampled: 11/15/06 14:45					
Diesel Range Hydrocarbons	NWTPH-Dx	24.4	----	11.8	mg/kg dry	1x	6K21035	11/21/06 14:30	11/22/06 18:25	D-06
Lube Oil Range Hydrocarbons	"	ND	----	29.4	"	"	"	"	"	
Surrogate(s): 2-FBP			*101%*		*54 - 148 %*	"			"	
Octacosane			*97.9%*		*62 - 142 %*	"			"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-07 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**26.7**	----	12.1	mg/kg dry	1x	6K21035	11/21/06 14:30	11/22/06 18:55	**D-06, D-09**
Lube Oil Range Hydrocarbons	"	**185**	----	30.2	"	"	"	"	"	
Surrogate(s): 2-FBP			*80.9%*		*54 - 148 %*	"			"	
Octacosane			*117%*		*62 - 142 %*	"			"	
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**42.6**	----	12.5	mg/kg dry	1x	6K21035	11/21/06 14:30	11/22/06 19:24	**D-09**
Lube Oil Range Hydrocarbons	"	**185**	----	31.2	"	"	"	"	"	
Surrogate(s): 2-FBP			*97.1%*		*54 - 148 %*	"			"	
Octacosane			*131%*		*62 - 142 %*	"			"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Extractable Petroleum Hydrocarbons by WDOE TPH Policy Method

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
C8-C10 Aliphatics	WA MTCA-EPH	ND	—	5.77	mg/kg dry	1x	6K16048	11/17/06 14:28	11/21/06 19:13	
C10-C12 Aliphatics	"	ND	—	5.77	"	"	"	"	"	
C12-C16 Aliphatics	"	ND	—	5.77	"	"	"	"	"	
C16-C21 Aliphatics	"	ND	—	5.77	"	"	"	"	"	
C21-C34 Aliphatics	"	**82.0**	—	5.77	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	5.77	"	"	"	"	11/21/06 19:45	
C10-C12 Aromatics	"	ND	—	5.77	"	"	"	"	"	
C12-C16 Aromatics	"	ND	—	5.77	"	"	"	"	"	
C16-C21 Aromatics	"	ND	—	5.77	"	"	"	"	"	
C21-C34 Aromatics	"	ND	—	5.77	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	**82.0**	—	57.7	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*89.6%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*93.2%*		*60 - 140 %*	"			*11/21/06 19:13*	
BPK0455-02RE1 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
C8-C10 Aliphatics	WA MTCA-EPH	**234**	—	30.5	mg/kg dry	5x	6K16048	11/17/06 14:28	11/22/06 13:03	
C10-C12 Aliphatics	"	**591**	—	30.5	"	"	"	"	"	
C12-C16 Aliphatics	"	ND	—	30.5	"	"	"	"	"	
C16-C21 Aliphatics	"	ND	—	30.5	"	"	"	"	"	
C21-C34 Aliphatics	"	**684**	—	30.5	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	30.5	"	"	"	"	11/22/06 13:35	
C10-C12 Aromatics	"	**132**	—	30.5	"	"	"	"	"	
C12-C16 Aromatics	"	ND	—	30.5	"	"	"	"	"	
C16-C21 Aromatics	"	ND	—	30.5	"	"	"	"	"	
C21-C34 Aromatics	"	**172**	—	30.5	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	**1810**	—	305	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*124%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*106%*		*60 - 140 %*	"			*11/22/06 13:03*	
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
C8-C10 Aliphatics	WA MTCA-EPH	**22.3**	—	6.03	mg/kg dry	1x	6K16048	11/17/06 14:28	11/19/06 21:38	
C10-C12 Aliphatics	"	**194**	—	6.03	"	"	"	"	"	
C12-C16 Aliphatics	"	**24.7**	—	6.03	"	"	"	"	"	
C16-C21 Aliphatics	"	**62.0**	—	6.03	"	"	"	"	"	
C21-C34 Aliphatics	"	**1150**	—	6.03	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	6.03	"	"	"	"	11/19/06 22:10	
C10-C12 Aromatics	"	**34.4**	—	6.03	"	"	"	"	"	
C12-C16 Aromatics	"	**12.5**	—	6.03	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, 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.

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Extractable Petroleum Hydrocarbons by WDOE TPH Policy Method

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
C16-C21 Aromatics	WA MTCA-EPH	**19.9**	----	6.03	mg/kg dry	1x	6K16048	11/17/06 14:28	11/19/06 22:10	
C21-C34 Aromatics	"	**180**	----	6.03	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	**1700**	----	60.3	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*90.5%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*85.1%*		*60 - 140 %*	"			*11/19/06 21:38*	
BPK0455-04 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
C8-C10 Aliphatics	WA MTCA-EPH	ND	----	6.24	mg/kg dry	1x	6K16048	11/17/06 14:28	11/21/06 21:22	
C10-C12 Aliphatics	"	ND	----	6.24	"	"	"	"	"	
C12-C16 Aliphatics	"	ND	----	6.24	"	"	"	"	"	
C16-C21 Aliphatics	"	ND	----	6.24	"	"	"	"	"	
C21-C34 Aliphatics	"	ND	----	6.24	"	"	"	"	"	
C8-C10 Aromatics	"	ND	----	6.24	"	"	"	"	11/21/06 21:54	
C10-C12 Aromatics	"	ND	----	6.24	"	"	"	"	"	
C12-C16 Aromatics	"	ND	----	6.24	"	"	"	"	"	
C16-C21 Aromatics	"	ND	----	6.24	"	"	"	"	"	
C21-C34 Aromatics	"	ND	----	6.24	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	ND	----	62.4	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*88.0%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*96.6%*		*60 - 140 %*	"			*11/21/06 21:22*	
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
C8-C10 Aliphatics	WA MTCA-EPH	ND	----	6.01	mg/kg dry	1x	6K16048	11/17/06 14:28	11/22/06 00:02	
C10-C12 Aliphatics	"	ND	----	6.01	"	"	"	"	"	
C12-C16 Aliphatics	"	ND	----	6.01	"	"	"	"	"	
C16-C21 Aliphatics	"	ND	----	6.01	"	"	"	"	"	
C21-C34 Aliphatics	"	ND	----	6.01	"	"	"	"	"	
C8-C10 Aromatics	"	ND	----	6.01	"	"	"	"	11/22/06 00:34	
C10-C12 Aromatics	"	ND	----	6.01	"	"	"	"	"	
C12-C16 Aromatics	"	ND	----	6.01	"	"	"	"	"	
C16-C21 Aromatics	"	ND	----	6.01	"	"	"	"	"	
C21-C34 Aromatics	"	ND	----	6.01	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	ND	----	60.1	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*92.5%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*96.5%*		*60 - 140 %*	"			*11/22/06 00:02*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Extractable Petroleum Hydrocarbons by WDOE TPH Policy Method

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-06 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
C8-C10 Aliphatics	WA MTCA-EPH	ND	—	5.74	mg/kg dry	1x	6K16048	11/17/06 14:28	11/22/06 01:05	
C10-C12 Aliphatics	"	**6.74**	—	5.74	"	"	"	"	"	
C12-C16 Aliphatics	"	**8.24**	—	5.74	"	"	"	"	"	
C16-C21 Aliphatics	"	ND	—	5.74	"	"	"	"	"	
C21-C34 Aliphatics	"	ND	—	5.74	"	"	"	"	"	
C8-C10 Aromatics	"	ND	—	5.74	"	"	"	"	11/22/06 01:37	
C10-C12 Aromatics	"	ND	—	5.74	"	"	"	"	"	
C12-C16 Aromatics	"	**13.7**	—	5.74	"	"	"	"	"	
C16-C21 Aromatics	"	ND	—	5.74	"	"	"	"	"	
C21-C34 Aromatics	"	ND	—	5.74	"	"	"	"	"	
Extractable Petroleum Hydrocarbons	"	ND	—	57.4	"	"	[CALC]	"	"	
Surrogate(s): o-Terphenyl			*84.3%*		*60 - 140 %*	"			"	
1-Chlorooctadecane			*92.7%*		*60 - 140 %*	"			*11/22/06 01:05*	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**				**Sampled: 11/15/06 15:40**				
Lead	EPA 6020	9.32	----	0.571	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 09:43	
BPK0455-02 (SB6@4')		**Soil**				**Sampled: 11/15/06 15:45**				
Lead	EPA 6020	4.68	----	0.574	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 09:49	
BPK0455-03 (SB7@4')		**Soil**				**Sampled: 11/15/06 15:20**				
Lead	EPA 6020	4.83	----	0.560	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 09:55	
BPK0455-04 (SB7@6')		**Soil**				**Sampled: 11/15/06 15:50**				
Lead	EPA 6020	1.77	----	0.535	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 10:01	
BPK0455-05 (SB9@2')		**Soil**				**Sampled: 11/15/06 14:40**				
Lead	EPA 6020	76.7	----	0.649	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 10:07	
BPK0455-06 (SB9@4')		**Soil**				**Sampled: 11/15/06 14:45**				
Lead	EPA 6020	18.2	----	0.619	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 10:13	
BPK0455-07 (SB10@2')		**Soil**				**Sampled: 11/15/06 12:45**				
Lead	EPA 6020	165	----	0.626	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 10:19	
BPK0455-08 (SB10@3')		**Soil**				**Sampled: 11/15/06 12:50**				
Lead	EPA 6020	51.8	----	0.620	mg/kg dry	1x	6K17040	11/17/06 14:32	11/21/06 10:37	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name: **Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number: SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager: Justin Foslien	12/12/06 16:08

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
Aroclor 1016	EPA 8082	ND	----	29.1	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 00:50	
Aroclor 1221	"	ND	----	58.3	"	"	"	"	"	
Aroclor 1232	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1242	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1248	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1254	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1262	"	ND	----	29.1	"	"	"	"	"	
Aroclor 1268	"	ND	----	29.1	"	"	"	"	"	
Surrogate(s): *TCX*			*94.5%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*84.0%*		*33 - 163 %*	"			"	
BPK0455-02 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					**D-14**
Aroclor 1260 [2C]	EPA 8082	ND	----	155	ug/kg dry	5x	6K17033	11/17/06 14:18	11/30/06 23:01	
Surrogate(s): *TCX*			*52.5%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*43.7%*		*33 - 163 %*	"			"	
BPK0455-02RE1 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
Aroclor 1016	EPA 8082	ND	----	30.9	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 03:16	
Aroclor 1221	"	ND	----	61.8	"	"	"	"	"	
Aroclor 1232	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1242	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1248	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1254	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1262	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1268	"	ND	----	30.9	"	"	"	"	"	
Surrogate(s): *TCX*			*64.3%*		*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]			*49.3%*		*33 - 163 %*	"			"	
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					**D-14**
Aroclor 1260 [2C]	EPA 8082	ND	----	150	ug/kg dry	5x	6K17033	11/17/06 14:18	11/30/06 23:19	
Surrogate(s): *TCX*			*47.9%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*38.7%*		*33 - 163 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-03RE1 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
Aroclor 1016	EPA 8082	ND	---	30.0	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 03:34	
Aroclor 1221	"	ND	---	59.9	"	"	"	"	"	
Aroclor 1232	"	ND	---	30.0	"	"	"	"	"	
Aroclor 1242	"	ND	---	30.0	"	"	"	"	"	
Aroclor 1248	"	ND	---	30.0	"	"	"	"	"	
Aroclor 1254	"	ND	---	30.0	"	"	"	"	"	
Aroclor 1262	"	ND	---	30.0	"	"	"	"	"	
Aroclor 1268	"	ND	---	30.0	"	"	"	"	"	
Surrogate(s): TCX			*69.0%*		*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]			*55.6%*		*33 - 163 %*	"			"	
BPK0455-04 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
Aroclor 1016 [2C]	EPA 8082	ND	---	31.3	ug/kg dry	1x	6K17033	11/17/06 14:18	11/18/06 11:45	
Aroclor 1221 [2C]	"	ND	---	62.6	"	"	"	"	"	
Aroclor 1232 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1242 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1248 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1254 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1262 [2C]	"	ND	---	31.3	"	"	"	"	"	
Aroclor 1268 [2C]	"	ND	---	31.3	"	"	"	"	"	
Surrogate(s): TCX [2C]			*84.3%*		*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]			*85.7%*		*33 - 163 %*	"			"	
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					**D-14**
Aroclor 1260 [2C]	EPA 8082	ND	---	149	ug/kg dry	5x	6K17033	11/17/06 14:18	11/30/06 23:38	
Surrogate(s): TCX			*46.2%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*51.4%*		*33 - 163 %*	"			"	
BPK0455-05RE1 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
Aroclor 1016	EPA 8082	ND	---	29.8	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 03:52	
Aroclor 1221	"	ND	---	59.5	"	"	"	"	"	
Aroclor 1232	"	ND	---	29.8	"	"	"	"	"	
Aroclor 1242	"	ND	---	29.8	"	"	"	"	"	
Aroclor 1248	"	ND	---	29.8	"	"	"	"	"	
Aroclor 1254	"	ND	---	29.8	"	"	"	"	"	
Aroclor 1262	"	ND	---	29.8	"	"	"	"	"	
Aroclor 1268	"	ND	---	29.8	"	"	"	"	"	
Surrogate(s): TCX			*82.2%*		*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]			*73.9%*		*33 - 163 %*	"			"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-06 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
Aroclor 1016	EPA 8082	ND	----	28.7	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 00:32	
Aroclor 1221	"	ND	----	57.4	"	"	"	"	"	
Aroclor 1232	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1242	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1248	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1254	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1262	"	ND	----	28.7	"	"	"	"	"	
Aroclor 1268	"	ND	----	28.7	"	"	"	"	"	
Surrogate(s): TCX			*109%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*81.5%*		*33 - 163 %*	"			"	
BPK0455-07 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					**D-14**
Aroclor 1260 [2C]	EPA 8082	ND	----	150	ug/kg dry	5x	6K17033	11/17/06 14:18	11/30/06 23:56	
Surrogate(s): TCX			*51.0%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*63.4%*		*33 - 163 %*	"			"	
BPK0455-07RE1 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
Aroclor 1016	EPA 8082	ND	----	29.9	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 02:21	
Aroclor 1221	"	ND	----	59.9	"	"	"	"	"	
Aroclor 1232	"	ND	----	29.9	"	"	"	"	"	
Aroclor 1242	"	ND	----	29.9	"	"	"	"	"	
Aroclor 1248	"	ND	----	29.9	"	"	"	"	"	
Aroclor 1254	"	ND	----	29.9	"	"	"	"	"	
Aroclor 1262	"	ND	----	29.9	"	"	"	"	"	
Aroclor 1268	"	ND	----	29.9	"	"	"	"	"	
Surrogate(s): TCX			*87.1%*		*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]			*77.9%*		*33 - 163 %*	"			"	
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					**D-14**
Aroclor 1260 [2C]	EPA 8082	ND	----	155	ug/kg dry	5x	6K17033	11/17/06 14:18	12/01/06 00:14	
Surrogate(s): TCX			*48.8%*		*39 - 139 %*	"			"	
Decachlorobiphenyl			*51.8%*		*33 - 163 %*	"			"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-08RE1 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Aroclor 1016	EPA 8082	ND	----	30.9	ug/kg dry	1x	6K17033	11/17/06 14:18	12/01/06 02:40	
Aroclor 1221	"	ND	----	61.8	"	"	"	"	"	
Aroclor 1232	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1242	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1248	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1254	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1262	"	ND	----	30.9	"	"	"	"	"	
Aroclor 1268	"	ND	----	30.9	"	"	"	"	"	
Surrogate(s): TCX		*123%*			*39 - 139 %*	"			"	
Decachlorobiphenyl [2C]		*78.3%*			*33 - 163 %*	"			"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
Acenaphthene	8270C-SIM	ND	—	0.0115	mg/kg dry	1x	6K16048	11/17/06 14:28	12/01/06 20:28	
Acenaphthylene	"	ND	—	0.0115	"	"	"	"	"	
Anthracene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0115	"	"	"	"	"	
Chrysene	"	ND	—	0.0115	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	—	0.0115	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Fluorene	"	ND	—	0.0115	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0115	"	"	"	"	"	
1-Methylnaphthalene	"	**0.0158**	—	0.0115	"	"	"	"	"	
2-Methylnaphthalene	"	**0.0295**	—	0.0115	"	"	"	"	"	
Naphthalene	"	ND	—	0.0115	"	"	"	"	"	
Phenanthrene	"	ND	—	0.0115	"	"	"	"	"	
Pyrene	"	ND	—	0.0115	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*114%*			*50 - 147 %*	"			"	
BPK0455-02 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
Acenaphthene	8270C-SIM	ND	—	0.0122	mg/kg dry	1x	6K16048	11/17/06 14:28	12/02/06 15:09	
Acenaphthylene	"	ND	—	0.0122	"	"	"	"	"	
Anthracene	"	ND	—	0.0122	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0122	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0122	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0122	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0122	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0122	"	"	"	"	"	
Chrysene	"	**0.0205**	—	0.0122	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	—	0.0122	"	"	"	"	"	
Fluoranthene	"	**0.0396**	—	0.0122	"	"	"	"	"	
Fluorene	"	**0.0362**	—	0.0122	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0122	"	"	"	"	"	
1-Methylnaphthalene	"	**0.697**	—	0.0122	"	"	"	"	"	
2-Methylnaphthalene	"	**1.49**	—	0.0122	"	"	"	"	"	
Naphthalene	"	**0.402**	—	0.0122	"	"	"	"	"	
Phenanthrene	"	**0.0869**	—	0.0122	"	"	"	"	"	
Pyrene	"	**0.0989**	—	0.0122	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*52.9%*			*50 - 147 %*	"			"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
Acenaphthene	8270C-SIM	**0.0149**	----	0.0121	mg/kg dry	1x	6K16048	11/17/06 14:28	12/02/06 15:35	
Acenaphthylene	"	**0.0863**	----	0.0121	"	"	"	"	"	
Anthracene	"	**0.0172**	----	0.0121	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0285**	----	0.0121	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0121	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0121	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0121	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0121	"	"	"	"	"	
Chrysene	"	**0.0356**	----	0.0121	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0121	"	"	"	"	"	
Fluoranthene	"	**0.0575**	----	0.0121	"	"	"	"	"	
Fluorene	"	**0.0486**	----	0.0121	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0121	"	"	"	"	"	
1-Methylnaphthalene	"	**0.750**	----	0.0121	"	"	"	"	"	
2-Methylnaphthalene	"	**1.45**	----	0.0121	"	"	"	"	"	
Naphthalene	"	**0.181**	----	0.0121	"	"	"	"	"	
Phenanthrene	"	**0.101**	----	0.0121	"	"	"	"	"	
Pyrene	"	**0.112**	----	0.0121	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*87.6%*		*50 - 147 %*		"			"	
BPK0455-04 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
Acenaphthene	8270C-SIM	ND	----	0.0125	mg/kg dry	1x	6K16048	11/17/06 14:28	12/02/06 16:00	
Acenaphthylene	"	ND	----	0.0125	"	"	"	"	"	
Anthracene	"	ND	----	0.0125	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0125	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0125	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0125	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0125	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0125	"	"	"	"	"	
Chrysene	"	ND	----	0.0125	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0125	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0125	"	"	"	"	"	
Fluorene	"	ND	----	0.0125	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0125	"	"	"	"	"	
1-Methylnaphthalene	"	ND	----	0.0125	"	"	"	"	"	
2-Methylnaphthalene	"	ND	----	0.0125	"	"	"	"	"	
Naphthalene	"	ND	----	0.0125	"	"	"	"	"	
Phenanthrene	"	ND	----	0.0125	"	"	"	"	"	
Pyrene	"	ND	----	0.0125	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*102%*		*50 - 147 %*		"			"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
Acenaphthene	8270C-SIM	ND	—	0.0120	mg/kg dry	1x	6K16048	11/17/06 14:28	12/02/06 16:26	
Acenaphthylene	"	ND	—	0.0120	"	"	"	"	"	
Anthracene	"	ND	—	0.0120	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0120	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0120	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0120	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0120	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0120	"	"	"	"	"	
Chrysene	"	ND	—	0.0120	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	—	0.0120	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0120	"	"	"	"	"	
Fluorene	"	ND	—	0.0120	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0120	"	"	"	"	"	
1-Methylnaphthalene	"	**0.0464**	—	0.0120	"	"	"	"	"	
2-Methylnaphthalene	"	**0.111**	—	0.0120	"	"	"	"	"	
Naphthalene	"	**0.0145**	—	0.0120	"	"	"	"	"	
Phenanthrene	"	ND	—	0.0120	"	"	"	"	"	
Pyrene	"	ND	—	0.0120	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*100%*		*50 - 147 %*	"			"	
BPK0455-06 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
Acenaphthene	8270C-SIM	ND	—	0.0115	mg/kg dry	1x	6K16048	11/17/06 14:28	12/02/06 16:52	
Acenaphthylene	"	ND	—	0.0115	"	"	"	"	"	
Anthracene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (a) anthracene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (a) pyrene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	—	0.0115	"	"	"	"	"	
Chrysene	"	ND	—	0.0115	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	—	0.0115	"	"	"	"	"	
Fluoranthene	"	ND	—	0.0115	"	"	"	"	"	
Fluorene	"	ND	—	0.0115	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	—	0.0115	"	"	"	"	"	
1-Methylnaphthalene	"	**0.749**	—	0.0115	"	"	"	"	"	
Naphthalene	"	**0.135**	—	0.0115	"	"	"	"	"	
Phenanthrene	"	ND	—	0.0115	"	"	"	"	"	
Pyrene	"	**0.0178**	—	0.0115	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*95.7%*		*50 - 147 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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BOTHELL, WA 98011-8244
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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-06RE1 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
2-Methylnaphthalene	8270C-SIM	**1.87**	----	0.115	mg/kg dry	10x	6K16048	11/17/06 14:28	12/06/06 03:10	
Surrogate(s): p-Terphenyl-d14			*89.6%*		*50 - 147 %*	"			"	
BPK0455-07 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
Acenaphthene	8270C-SIM	ND	----	0.0241	mg/kg dry	2x	6K21033	11/21/06 14:16	11/30/06 13:22	
Acenaphthylene	"	ND	----	0.0241	"	"	"	"	"	
Anthracene	"	ND	----	0.0241	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0241	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0241	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0241	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0241	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0241	"	"	"	"	"	
Chrysene	"	ND	----	0.0241	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0241	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0241	"	"	"	"	"	
Fluorene	"	ND	----	0.0241	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0241	"	"	"	"	"	
1-Methylnaphthalene	"	ND	----	0.0241	"	"	"	"	"	
2-Methylnaphthalene	"	ND	----	0.0241	"	"	"	"	"	
Naphthalene	"	ND	----	0.0241	"	"	"	"	"	
Phenanthrene	"	ND	----	0.0241	"	"	"	"	"	
Pyrene	"	ND	----	0.0241	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*72.1%*		*50 - 147 %*	"			"	
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Acenaphthene	8270C-SIM	ND	----	0.0124	mg/kg dry	1x	6K21033	11/21/06 14:16	12/06/06 04:51	
Acenaphthylene	"	ND	----	0.0124	"	"	"	"	"	
Anthracene	"	ND	----	0.0124	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0127**	----	0.0124	"	"	"	"	"	
Benzo (a) pyrene	"	**0.0182**	----	0.0124	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.0174**	----	0.0124	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.0127**	----	0.0124	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0124	"	"	"	"	"	
Chrysene	"	**0.0358**	----	0.0124	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0124	"	"	"	"	"	
Fluoranthene	"	**0.0215**	----	0.0124	"	"	"	"	"	
Fluorene	"	ND	----	0.0124	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0124	"	"	"	"	"	
1-Methylnaphthalene	"	ND	----	0.0124	"	"	"	"	"	
2-Methylnaphthalene	"	ND	----	0.0124	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Naphthalene	8270C-SIM	ND	----	0.0124	mg/kg dry	1x	6K21033	11/21/06 14:16	12/06/06 04:51	
Phenanthrene	"	**0.0125**	----	0.0124	"	"	"	"	"	
Pyrene	"	**0.0295**	----	0.0124	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*105%*			*50 - 147 %*	"			"	

TestAmerica - Seattle, WA

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Physical Parameters by APHA/ASTM/EPA Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
Dry Weight	BSOPSPL003R08	85.8	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-02 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
Dry Weight	BSOPSPL003R08	81.4	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
Dry Weight	BSOPSPL003R08	82.6	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-04 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
Dry Weight	BSOPSPL003R08	79.9	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
Dry Weight	BSOPSPL003R08	83.7	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-06 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
Dry Weight	BSOPSPL003R08	85.9	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-07 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
Dry Weight	BSOPSPL003R08	84.1	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
Dry Weight	BSOPSPL003R08	80.6	----	1.00	%	1x	6K29054	11/29/06 20:07	11/29/06 20:15	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-01 (SB6@2')		**Soil**			**Sampled: 11/15/06 15:40**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.43	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 16:36	
Benzene	"	ND	—	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	4.3	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.04	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.04	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.43	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.43	"	"	"	"	"	
Ethanol	"	ND	—	17	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.09	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.43	"	"	"	"	"	
Toluene	"	ND	—	0.09	"	"	"	"	"	
o-Xylene	"	ND	—	0.09	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.17	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.26	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*91.3%*		*75 - 125 %*	"			"	
Toluene-d8			*94.2%*		*75 - 125 %*	"			"	
4-BFB			*95.3%*		*75 - 125 %*	"			"	
BPK0455-02 (SB6@4')		**Soil**			**Sampled: 11/15/06 15:45**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.64	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 15:55	
Benzene	"	ND	—	0.03	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	6.4	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.06	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.06	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.64	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.64	"	"	"	"	"	
Ethanol	"	ND	—	25	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.13	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.64	"	"	"	"	"	
Toluene	"	ND	—	0.13	"	"	"	"	"	
o-Xylene	"	ND	—	0.13	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.25	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.38	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*94.1%*		*75 - 125 %*	"			"	
Toluene-d8			*98.0%*		*75 - 125 %*	"			"	
4-BFB			*90.9%*		*75 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-03 (SB7@4')		**Soil**			**Sampled: 11/15/06 15:20**					
tert-Amyl Methyl Ether	EPA 8260B	ND	----	0.44	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 17:02	
Benzene	"	ND	----	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	4.4	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.04	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.04	"	"	"	"	"	
Diisopropyl ether	"	ND	----	0.44	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	----	0.44	"	"	"	"	"	
Ethanol	"	ND	----	18	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.09	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	0.44	"	"	"	"	"	
Toluene	"	ND	----	0.09	"	"	"	"	"	
o-Xylene	"	ND	----	0.09	"	"	"	"	"	
m,p-Xylene	"	ND	----	0.18	"	"	"	"	"	
Xylenes (total)	"	ND	----	0.26	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*90.9%*		*75 - 125 %*	"			"	
Toluene-d8			*103%*		*75 - 125 %*	"			"	
4-BFB			*77.8%*		*75 - 125 %*	"			"	
BPK0455-04 (SB7@6')		**Soil**			**Sampled: 11/15/06 15:50**					
tert-Amyl Methyl Ether	EPA 8260B	ND	----	0.49	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 17:31	
Benzene	"	ND	----	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	----	4.9	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	----	0.05	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	0.05	"	"	"	"	"	
Diisopropyl ether	"	ND	----	0.49	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	----	0.49	"	"	"	"	"	
Ethanol	"	ND	----	20	"	"	"	"	"	
Ethylbenzene	"	ND	----	0.10	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	0.49	"	"	"	"	"	
Toluene	"	ND	----	0.10	"	"	"	"	"	
o-Xylene	"	ND	----	0.10	"	"	"	"	"	
m,p-Xylene	"	ND	----	0.20	"	"	"	"	"	
Xylenes (total)	"	ND	----	0.29	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*89.3%*		*75 - 125 %*	"			"	
Toluene-d8			*94.9%*		*75 - 125 %*	"			"	
4-BFB			*95.9%*		*75 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-05 (SB9@2')		**Soil**			**Sampled: 11/15/06 14:40**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.49	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 17:56	
Benzene	"	ND	—	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	4.9	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.05	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.05	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.49	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.49	"	"	"	"	"	
Ethanol	"	ND	—	20	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.10	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.49	"	"	"	"	"	
Toluene	"	ND	—	0.10	"	"	"	"	"	
o-Xylene	"	ND	—	0.10	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.20	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.29	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*90.4%*		*75 - 125 %*	"			"	
Toluene-d8			*93.4%*		*75 - 125 %*	"			"	
4-BFB			*97.0%*		*75 - 125 %*	"			"	
BPK0455-06 (SB9@4')		**Soil**			**Sampled: 11/15/06 14:45**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.42	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 18:35	
Benzene	"	ND	—	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	4.2	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.04	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.04	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.42	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.42	"	"	"	"	"	
Ethanol	"	ND	—	17	"	"	"	"	"	
Ethylbenzene	"	**0.23**	—	0.08	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.42	"	"	"	"	"	
Toluene	"	ND	—	0.08	"	"	"	"	"	
o-Xylene	"	ND	—	0.08	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.17	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.25	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*91.1%*		*75 - 125 %*	"			"	
Toluene-d8			*96.4%*		*75 - 125 %*	"			"	
4-BFB			*97.0%*		*75 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0455-07 (SB10@2')		**Soil**			**Sampled: 11/15/06 12:45**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.44	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 19:05	
Benzene	"	ND	—	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	4.4	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.04	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.04	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.44	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.44	"	"	"	"	"	
Ethanol	"	ND	—	18	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.09	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.44	"	"	"	"	"	
Toluene	"	ND	—	0.09	"	"	"	"	"	
o-Xylene	"	ND	—	0.09	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.18	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.26	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*86.4%*		*75 - 125 %*	"			"	
Toluene-d8			*103%*		*75 - 125 %*	"			"	
4-BFB			*98.3%*		*75 - 125 %*	"			"	
BPK0455-08 (SB10@3')		**Soil**			**Sampled: 11/15/06 12:50**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	0.48	mg/kg dry	1x	6K27048	11/27/06 13:30	11/27/06 19:40	
Benzene	"	ND	—	0.02	"	"	"	"	"	
tert-Butyl Alcohol	"	ND	—	4.8	"	"	"	"	"	
1,2-Dibromoethane (EDB)	"	ND	—	0.05	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	—	0.05	"	"	"	"	"	
Diisopropyl ether	"	ND	—	0.48	"	"	"	"	"	C
Ethyl tert-butyl ether	"	ND	—	0.48	"	"	"	"	"	
Ethanol	"	ND	—	19	"	"	"	"	"	
Ethylbenzene	"	ND	—	0.10	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	0.48	"	"	"	"	"	
Toluene	"	ND	—	0.10	"	"	"	"	"	
o-Xylene	"	ND	—	0.10	"	"	"	"	"	
m,p-Xylene	"	ND	—	0.19	"	"	"	"	"	
Xylenes (total)	"	ND	—	0.29	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			*93.2%*		*75 - 125 %*	"			"	
Toluene-d8			*103%*		*75 - 125 %*	"			"	
4-BFB			*97.9%*		*75 - 125 %*	"			"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K22015 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K22015-BLK1)								Extracted: 11/22/06 09:57						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	11/22/06 11:39	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.3%*			*Limits: 50-150%*	"							*11/22/06 11:39*	
LCS (6K22015-BS1)								Extracted: 11/22/06 09:57						
Gasoline Range Hydrocarbons	NWTPH-Gx	50.7	---	5.00	mg/kg wet	1x	--	50.0	101%	(75-125)	--	--	11/22/06 12:09	
Surrogate(s): 4-BFB (FID)		*Recovery: 99.0%*			*Limits: 50-150%*	"							*11/22/06 12:09*	
Duplicate (6K22015-DUP1)					QC Source: BPK0495-01RE1			Extracted: 11/22/06 09:57						
Gasoline Range Hydrocarbons	NWTPH-Gx	12100	---	800	mg/kg wet	200x	10400	--	--	--	15.1%	(40)	11/22/06 14:45	
Surrogate(s): 4-BFB (FID)		*Recovery: 105%*			*Limits: 50-150%*	*1x*							*11/22/06 14:45*	
Duplicate (6K22015-DUP2)					QC Source: BPK0495-03RE1			Extracted: 11/22/06 09:57						
Gasoline Range Hydrocarbons	NWTPH-Gx	6320	---	780	mg/kg wet	200x	2730	--	--	--	79.3%	(40)	11/22/06 15:15	RP-3
Surrogate(s): 4-BFB (FID)		*Recovery: 92.7%*			*Limits: 50-150%*	*1x*							*11/22/06 15:15*	
Matrix Spike (6K22015-MS1)					QC Source: BPK0495-03RE1			Extracted: 11/22/06 09:57						
Gasoline Range Hydrocarbons	NWTPH-Gx	19200	---	780	mg/kg wet	200x	2730	31200	52.8%	(42-125)	--	--	11/22/06 15:44	
Surrogate(s): 4-BFB (FID)		*Recovery: 115%*			*Limits: 50-150%*	*1x*							*11/22/06 15:44*	

QC Batch: 6K27024 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K27024-BLK1)								Extracted: 11/27/06 10:20						
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	11/27/06 12:07	
Surrogate(s): 4-BFB (FID)		*Recovery: 81.7%*			*Limits: 50-150%*	"							*11/27/06 12:07*	
LCS (6K27024-BS1)								Extracted: 11/27/06 10:20						
Gasoline Range Hydrocarbons	NWTPH-Gx	50.2	---	5.00	mg/kg wet	1x	--	50.0	100%	(75-125)	--	--	11/27/06 12:43	
Surrogate(s): 4-BFB (FID)		*Recovery: 99.7%*			*Limits: 50-150%*	"							*11/27/06 12:43*	
Duplicate (6K27024-DUP1)					QC Source: BPK0454-01RE1			Extracted: 11/27/06 10:20						
Gasoline Range Hydrocarbons	NWTPH-Gx	1400	---	41.2	mg/kg dry	10x	1450	--	--	--	3.51%	(40)	11/27/06 14:12	G-02
Surrogate(s): 4-BFB (FID)		*Recovery: 120%*			*Limits: 50-150%*	*1x*							*11/27/06 14:12*	
Duplicate (6K27024-DUP2)					QC Source: BPK0455-03RE1			Extracted: 11/27/06 10:20						
Gasoline Range Hydrocarbons	NWTPH-Gx	2720	---	88.2	mg/kg dry	20x	2620	--	--	--	3.75%	(40)	11/27/06 15:11	G-02
Surrogate(s): 4-BFB (FID)		*Recovery: 112%*			*Limits: 50-150%*	*1x*							*11/27/06 15:11*	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K27024 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6K27024-MS1)					QC Source: BPK0455-04RE1				Extracted: 11/27/06 10:20					
Gasoline Range Hydrocarbons	NWTPH-Gx	67.3	---	4.92	mg/kg dry	1x	14.4	49.2	108%	(42-125)	--	--	11/27/06 16:10	
Surrogate(s): 4-BFB (FID)		*Recovery: 115%*			*Limits: 50-150%*	"							*11/27/06 16:10*	

QC Batch: 6K29027 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K29027-BLK1)									Extracted: 11/29/06 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	11/29/06 12:30	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.7%*			*Limits: 50-150%*	"							*11/29/06 12:30*	
LCS (6K29027-BS1)									Extracted: 11/29/06 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	46.4	---	5.00	mg/kg wet	1x	--	50.0	92.8%	(75-125)	--	--	11/29/06 13:04	
Surrogate(s): 4-BFB (FID)		*Recovery: 90.7%*			*Limits: 50-150%*	"							*11/29/06 13:04*	
Duplicate (6K29027-DUP1)					QC Source: BPK0700-01				Extracted: 11/29/06 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	12.5	mg/kg dry	1x	ND	--	--	--	22.5%	(40)	11/29/06 16:14	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.7%*			*Limits: 50-150%*	"							*11/29/06 16:14*	
Duplicate (6K29027-DUP2)					QC Source: BPK0642-01RE1				Extracted: 11/29/06 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	3.30	---	2.53	mg/kg wet	1x	3.39	--	--	--	2.69%	(40)	11/29/06 21:41	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.9%*			*Limits: 50-150%*	"							*11/29/06 21:41*	
Matrix Spike (6K29027-MS1)					QC Source: BPK0700-01				Extracted: 11/29/06 11:15					
Gasoline Range Hydrocarbons	NWTPH-Gx	131	---	12.5	mg/kg dry	1x	2.67	125	103%	(42-125)	--	--	11/29/06 17:14	
Surrogate(s): 4-BFB (FID)		*Recovery: 95.2%*			*Limits: 50-150%*	"							*11/29/06 17:14*	

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Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Hydrocarbons by WDOE TPH Policy Method - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K22014 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K22014-BLK1)									Extracted: 11/22/06 09:43					
C5-C6 Aliphatics	WA MTCA-VPH	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	11/22/06 11:28	
C6-C8 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C8-C10 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C8-C10 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C12-C13 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Total VPH (TVPH)	"	ND	---	35.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 94.7%*			*Limits: 60-140%*	"							*11/22/06 11:28*	
4-BFB (PID)		*103%*			*60-140%*	"							"	
LCS (6K22014-BS1)									Extracted: 11/22/06 09:43					
C5-C6 Aliphatics	WA MTCA-VPH	5.78	---	5.00	mg/kg wet	1x	--	5.00	116%	(70-130)	--	--	11/22/06 13:08	
C6-C8 Aliphatics	"	3.20	---	5.00	"	"	--	2.50	128%	"	--	--	"	
C8-C10 Aliphatics	"	3.64	---	5.00	"	"	--	5.00	72.8%	"	--	--	"	
C8-C10 Aromatics	"	11.8	---	5.00	"	"	--	10.0	118%	"	--	--	"	
C12-C13 Aromatics	"	5.65	---	5.00	"	"	--	5.00	113%	"	--	--	"	
Total VPH (TVPH)	"	45.0	---	35.0	"	"	--	40.0	112%	"	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 109%*			*Limits: 60-140%*	"							*11/22/06 13:08*	
4-BFB (PID)		*105%*			*60-140%*	"							"	
Duplicate (6K22014-DUP1)					QC Source: BPK0455-06RE1				Extracted: 11/22/06 09:43					
C5-C6 Aliphatics	WA MTCA-VPH	ND	---	42.4	mg/kg dry	10x	ND	--	--	--	2.37%	(25)	11/22/06 15:54	
C6-C8 Aliphatics	"	ND	---	42.4	"	"	ND	--	--	--	8.49%	"	"	
C8-C10 Aliphatics	"	ND	---	42.4	"	"	ND	--	--	--	14.4%	"	"	
C8-C10 Aromatics	"	ND	---	42.4	"	"	ND	--	--	--	2.45%	"	"	
C12-C13 Aromatics	"	ND	---	42.4	"	"	ND	--	--	--	7.97%	"	"	
Total VPH (TVPH)	"	ND	---	297	"	"	ND	--	--	--	6.85%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 123%*			*Limits: 60-140%*	*1x*							*11/22/06 15:54*	
4-BFB (PID)		*108%*			*60-140%*	"							"	
Duplicate (6K22014-DUP2)					QC Source: BPK0455-05RE1				Extracted: 11/22/06 09:43					
C5-C6 Aliphatics	WA MTCA-VPH	ND	---	4.92	mg/kg dry	1x	ND	--	--	--	17.4%	(25)	11/22/06 21:30	
C6-C8 Aliphatics	"	ND	---	4.92	"	"	ND	--	--	--	19.6%	"	"	
C8-C10 Aliphatics	"	ND	---	4.92	"	"	ND	--	--	--	44.6%	"	"	RP-3
C8-C10 Aromatics	"	ND	---	4.92	"	"	ND	--	--	--	0.837%	"	"	
C12-C13 Aromatics	"	6.48	---	4.92	"	"	6.30	--	--	--	2.82%	"	"	
Total VPH (TVPH)	"	ND	---	34.4	"	"	ND	--	--	--	18.5%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 131%*			*Limits: 60-140%*	"							*11/22/06 21:30*	
4-BFB (PID)		*110%*			*60-140%*	"							"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Volatile Petroleum Hydrocarbons by WDOE TPH Policy Method - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K22014 **Soil Preparation Method: EPA 5030B (MeOH)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6K22014-MS1)					QC Source: BPK0455-06RE1			Extracted: 11/22/06 09:43						
C5-C6 Aliphatics	WA MTCA-VPH	53.3	---	42.4	mg/kg dry	10x	2.92	42.4	119%	(70-130)	--	--	11/22/06 16:25	
C6-C8 Aliphatics	"	51.3	---	42.4	"	"	20.3	21.2	146%	"	--	--	"	Q-01
C8-C10 Aliphatics	"	54.5	---	42.4	"	"	17.4	42.4	87.5%	"	--	--	"	
C8-C10 Aromatics	"	116	---	42.4	"	"	12.1	84.7	123%	"	--	--	"	
C12-C13 Aromatics	"	71.4	---	42.4	"	"	27.4	42.4	104%	"	--	--	"	
Total VPH (TVPH)	"	543	---	297	"	"	141	339	119%	"	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 117%*			*Limits: 60-140%*	*1x*							*11/22/06 16:25*	
4-BFB (PID)		*108%*			*60-140%*	"							"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K21034 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K21034-BLK1)							**Extracted: 11/21/06 14:27**							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	11/22/06 14:47	
Lube Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 110%*			*Limits: 54-148%*	"							*11/22/06 14:47*	
Octacosane		*103%*			*62-142%*	"							"	
LCS (6K21034-BS1)							**Extracted: 11/21/06 14:27**							
Diesel Range Hydrocarbons	NWTPH-Dx	65.2	---	10.0	mg/kg wet	1x	--	66.7	97.8%	(78-129)	--	--	11/22/06 15:13	
Surrogate(s): 2-FBP		*Recovery: 125%*			*Limits: 54-148%*	"							*11/22/06 15:13*	
Octacosane		*101%*			*62-142%*	"							"	
Duplicate (6K21034-DUP1)					**QC Source: BPK0494-33**		**Extracted: 11/21/06 14:27**							
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	12.3	mg/kg dry	1x	ND	--	--	--	56.7%	(50)	11/22/06 15:40	RP-4
Lube Oil Range Hydrocarbons	"	ND	---	30.8	"	"	46.2	--	--	--	50.4%	"	"	RP-4
Surrogate(s): 2-FBP		*Recovery: 107%*			*Limits: 54-148%*	"							*11/22/06 15:40*	
Octacosane		*98.1%*			*62-142%*	"							"	
Duplicate (6K21034-DUP2)					**QC Source: BPK0579-09**		**Extracted: 11/21/06 14:27**							
Diesel Range Hydrocarbons	NWTPH-Dx	535	---	58.5	mg/kg dry	5x	403	--	--	--	28.1%	(50)	12/02/06 03:39	D-09
Lube Oil Range Hydrocarbons	"	1220	---	146	"	"	1010	--	--	--	18.8%	"	"	
Surrogate(s): 2-FBP		*Recovery: 79.0%*			*Limits: 54-148%*	"							*12/02/06 03:39*	
Octacosane		*92.0%*			*62-142%*	"							"	
Matrix Spike (6K21034-MS1)					**QC Source: BPK0494-33**		**Extracted: 11/21/06 14:27**							
Diesel Range Hydrocarbons	NWTPH-Dx	65.5	---	12.2	mg/kg dry	1x	7.27	81.3	71.6%	(46-155)	--	--	11/22/06 16:32	
Surrogate(s): 2-FBP		*Recovery: 123%*			*Limits: 54-148%*	"							*11/22/06 16:32*	
Octacosane		*106%*			*62-142%*	"							"	

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Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K21035 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K21035-BLK1)								Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	11/22/06 14:57	
Lube Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 110%*			*Limits: 54-148%*	"							*11/22/06 14:57*	
Octacosane		*96.0%*			*62-142%*	"							"	
Blank (6K21035-BLK2)								Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	10.0	mg/kg wet	1x	--	--	--	--	--	--	12/05/06 17:08	
Lube Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 103%*			*Limits: 54-148%*	"							*12/05/06 17:08*	
Octacosane		*103%*			*62-142%*	"							"	
LCS (6K21035-BS1)								Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	70.6	---	10.0	mg/kg wet	1x	--	66.7	106%	(78-129)	--	--	11/22/06 15:27	
Surrogate(s): 2-FBP		*Recovery: 118%*			*Limits: 54-148%*	"							*11/22/06 15:27*	
Octacosane		*92.7%*			*62-142%*	"							"	
Duplicate (6K21035-DUP1)					QC Source: BPK0455-06			Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	15.1	---	11.6	mg/kg dry	1x	24.4	--	--	--	47.1%	(50)	11/22/06 15:57	
Lube Oil Range Hydrocarbons	"	ND	---	29.1	"	"	ND	--	--	--	0.960%	"	"	
Surrogate(s): 2-FBP		*Recovery: 103%*			*Limits: 54-148%*	"							*11/22/06 15:57*	
Octacosane		*97.6%*			*62-142%*	"							"	
Duplicate (6K21035-DUP2)					QC Source: BPK0513-18			Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	141	---	11.2	mg/kg dry	1x	133	--	--	--	5.84%	(50)	11/22/06 16:26	
Lube Oil Range Hydrocarbons	"	292	---	28.1	"	"	222	--	--	--	27.2%	"	"	
Surrogate(s): 2-FBP		*Recovery: 116%*			*Limits: 54-148%*	"							*11/22/06 16:26*	
Octacosane		*131%*			*62-142%*	"							"	
Matrix Spike (6K21035-MS1)					QC Source: BPK0455-06			Extracted: 11/21/06 14:30						
Diesel Range Hydrocarbons	NWTPH-Dx	66.7	---	11.8	mg/kg dry	1x	24.4	78.4	54.0%	(46-155)	--	--	11/22/06 16:56	
Surrogate(s): 2-FBP		*Recovery: 116%*			*Limits: 54-148%*	"							*11/22/06 16:56*	
Octacosane		*99.8%*			*62-142%*	"							"	

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Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Extractable Petroleum Hydrocarbons by WDOE TPH Policy Method - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16048 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K16048-BLK1)								Extracted: 11/17/06 14:28						
C8-C10 Aliphatics	WA MTCA-EPH	ND	---	5.00	mg/kg wet	1x	--	--	--	--	--	--	11/19/06 12:31	
C10-C12 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C12-C16 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C16-C21 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C21-C34 Aliphatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C8-C10 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	11/19/06 13:03	
C10-C12 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C12-C16 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C16-C21 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
C21-C34 Aromatics	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 87.4%*			*Limits: 60-140%*	"							*11/19/06 13:03*	
1-Chlorooctadecane		*89.2%*			*60-140%*	"							*11/19/06 12:31*	
LCS (6K16048-BS1)								Extracted: 11/17/06 14:28						
C8-C10 Aliphatics	WA MTCA-EPH	7.80	---	5.00	mg/kg wet	1x	--	10.0	78.0%	(50-150)	--	--	11/19/06 13:35	
C10-C12 Aliphatics	"	2.91	---	5.00	"	"	--	3.33	87.4%	(70-130)	--	--	"	
C12-C16 Aliphatics	"	5.65	---	5.00	"	"	--	6.67	84.7%	"	--	--	"	
C16-C21 Aliphatics	"	8.62	---	5.00	"	"	--	10.0	86.2%	"	--	--	"	
C21-C34 Aliphatics	"	17.1	---	5.00	"	"	--	20.0	85.5%	"	--	--	"	
C8-C10 Aromatics	"	2.75	---	5.00	"	"	--	3.33	82.6%	(50-150)	--	--	11/19/06 14:08	
C10-C12 Aromatics	"	3.03	---	5.00	"	"	--	"	91.0%	(70-130)	--	--	"	
C12-C16 Aromatics	"	8.69	---	5.00	"	"	--	10.0	86.9%	"	--	--	"	
C16-C21 Aromatics	"	15.2	---	5.00	"	"	--	16.7	91.0%	"	--	--	"	
C21-C34 Aromatics	"	27.0	---	5.00	"	"	--	26.7	101%	"	--	--	"	
Surrogate(s): o-Terphenyl		*Recovery: 86.2%*			*Limits: 60-140%*	"							*11/19/06 14:08*	
1-Chlorooctadecane		*91.0%*			*60-140%*	"							*11/19/06 13:35*	
Matrix Spike (6K16048-MS1)					QC Source: BPK0455-03			Extracted: 11/17/06 14:28						
C8-C10 Aliphatics	WA MTCA-EPH	17.9	---	6.07	mg/kg dry	1x	22.3	12.1	-36.4%	(50-150)	--	--	11/19/06 14:40	MS-2
C10-C12 Aliphatics	"	136	---	6.07	"	"	194	4.05	-1430%	(70-130)	--	--	"	MS-2
C12-C16 Aliphatics	"	28.3	---	6.07	"	"	24.7	8.10	44.4%	"	--	--	"	MS-2
C16-C21 Aliphatics	"	67.9	---	6.07	"	"	62.0	12.1	48.8%	"	--	--	"	MS-2
C21-C34 Aliphatics	"	1240	---	6.07	"	"	1150	24.3	370%	"	--	--	"	MS-3
C8-C10 Aromatics	"	4.13	---	6.07	"	"	1.64	4.05	61.5%	(50-150)	--	--	11/19/06 15:12	
C10-C12 Aromatics	"	29.1	---	6.07	"	"	34.4	"	-131%	(70-130)	--	--	"	MS-2
C12-C16 Aromatics	"	23.1	---	6.07	"	"	12.5	12.1	87.6%	"	--	--	"	
C16-C21 Aromatics	"	40.7	---	6.07	"	"	19.9	20.2	103%	"	--	--	"	
C21-C34 Aromatics	"	242	---	6.07	"	"	180	32.4	191%	"	--	--	"	MS-3

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Extractable Petroleum Hydrocarbons by WDOE TPH Policy Method - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16048 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6K16048-MS1)					QC Source: BPK0455-03				Extracted: 11/17/06 14:28					
Surrogate(s): o-Terphenyl		*Recovery: 89.1%*			*Limits: 60-140%*	*1x*							*11/19/06 15:12*	
1-Chlorooctadecane		*90.1%*			*60-140%*	"							*11/19/06 14:40*	
Matrix Spike Dup (6K16048-MSD1)					QC Source: BPK0455-03				Extracted: 11/17/06 14:28					
C8-C10 Aliphatics	WA MTCA-EPH	17.2	---	6.05	mg/kg dry	1x	22.3	12.1	-42.1%	(50-150)	3.99%	(25)	11/19/06 15:44	MS-2
C10-C12 Aliphatics	"	135	---	6.05	"	"	194	4.04	-1460%	(70-130)	0.738%	"	"	MS-2
C12-C16 Aliphatics	"	28.7	---	6.05	"	"	24.7	8.07	49.6%	"	1.40%	"	"	MS-2
C16-C21 Aliphatics	"	68.3	---	6.05	"	"	62.0	12.1	52.1%	"	0.587%	"	"	MS-2
C21-C34 Aliphatics	"	1140	---	6.05	"	"	1150	24.2	-41.3%	"	8.40%	"	"	MS-2
C8-C10 Aromatics	"	3.79	---	6.05	"	"	1.64	4.04	53.2%	(50-150)	8.59%	"	11/19/06 16:16	
C10-C12 Aromatics	"	26.0	---	6.05	"	"	34.4	"	-208%	(70-130)	11.3%	"	"	MS-2
C12-C16 Aromatics	"	22.2	---	6.05	"	"	12.5	12.1	80.2%	"	3.97%	"	"	
C16-C21 Aromatics	"	38.5	---	6.05	"	"	19.9	20.2	92.1%	"	5.56%	"	"	
C21-C34 Aromatics	"	206	---	6.05	"	"	180	32.3	80.5%	"	16.1%	"	"	
Surrogate(s): o-Terphenyl		*Recovery: 88.1%*			*Limits: 60-140%*	"							*11/19/06 16:16*	
1-Chlorooctadecane		*87.6%*			*60-140%*	"							*11/19/06 15:44*	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K17040 **Soil Preparation Method: EPA 3050B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K17040-BLK1)								Extracted: 11/17/06 14:32						
Lead	EPA 6020	ND	---	0.521	mg/kg wet	1x	--	--	--	--	--	--	11/21/06 08:39	
LCS (6K17040-BS1)								Extracted: 11/17/06 14:32						
Lead	EPA 6020	41.4	---	0.500	mg/kg wet	1x	--	40.0	104%	(80-120)	--	--	11/21/06 08:45	
Duplicate (6K17040-DUP1)				QC Source: BPK0469-21				Extracted: 11/17/06 14:32						
Lead	EPA 6020	12.8	---	0.521	mg/kg wet	1x	11.6	--	--	--	9.84%	(30)	11/21/06 09:02	
Matrix Spike (6K17040-MS1)				QC Source: BPK0469-21				Extracted: 11/17/06 14:32						
Lead	EPA 6020	47.9	---	0.459	mg/kg wet	1x	11.6	36.7	98.9%	(29-166)	--	--	11/21/06 08:56	
Post Spike (6K17040-PS1)				QC Source: BPK0469-21				Extracted: 11/17/06 14:32						
Lead	EPA 6020	0.124	---		ug/ml	1x	0.0232	0.0995	101%	(75-125)	--	--	11/21/06 08:51	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K17033 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K17033-BLK2)									Extracted: 11/17/06 14:18					
Aroclor 1016 [2C]	EPA 8082	ND	---	25.0	ug/kg wet	1x	--	--	--	--	--	--	11/18/06 10:50	
Aroclor 1221 [2C]	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Aroclor 1232 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1242 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1248 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1254 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1260 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1262 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Aroclor 1268 [2C]	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX [2C]		*Recovery: 92.7%*			*Limits: 39-139%*	"							*11/18/06 10:50*	
Decachlorobiphenyl [2C]		*98.8%*			*33-163%*	"							"	
LCS (6K17033-BS2)									Extracted: 11/17/06 14:18					
Aroclor 1016 [2C]	EPA 8082	76.0	---	25.0	ug/kg wet	1x	--	83.3	91.2%	(54-125)	--	--	11/18/06 12:03	
Aroclor 1260 [2C]	"	72.3	---	25.0	"	"	--	"	86.8%	(58-128)	--	--	"	
Surrogate(s): TCX [2C]		*Recovery: 94.6%*			*Limits: 39-139%*	"							*11/18/06 12:03*	
Decachlorobiphenyl [2C]		*91.2%*			*33-163%*	"							"	
Matrix Spike (6K17033-MS1)					QC Source: BPK0455-04				Extracted: 11/17/06 14:18					
Aroclor 1016 [2C]	EPA 8082	89.5	---	31.4	ug/kg dry	1x	ND	105	85.2%	(47-134)	--	--	11/18/06 12:21	
Aroclor 1260 [2C]	"	92.8	---	31.4	"	"	ND	"	88.4%	(22-171)	--	--	"	
Surrogate(s): TCX [2C]		*Recovery: 85.1%*			*Limits: 39-139%*	"							*11/18/06 12:21*	
Decachlorobiphenyl [2C]		*92.8%*			*33-163%*	"							"	
Matrix Spike Dup (6K17033-MSD1)					QC Source: BPK0455-04				Extracted: 11/17/06 14:18					
Aroclor 1016 [2C]	EPA 8082	93.9	---	31.3	ug/kg dry	1x	ND	104	90.3%	(47-134)	4.80%	(35)	11/18/06 12:40	
Aroclor 1260 [2C]	"	91.3	---	31.3	"	"	ND	"	87.8%	(22-171)	1.63%	"	"	
Surrogate(s): TCX [2C]		*Recovery: 92.0%*			*Limits: 39-139%*	"							*11/18/06 12:40*	
Decachlorobiphenyl [2C]		*94.2%*			*33-163%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16048 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K16048-BLK2)								Extracted: 11/17/06 14:28						
Acenaphthene	8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	12/01/06 18:44	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 107%*			*Limits: 50-147%*	"							*12/01/06 18:44*	
Blank (6K16048-BLK3)								Extracted: 11/17/06 14:28						
Acenaphthene	8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	12/02/06 14:44	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	

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Kate Haney, Project Manager

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ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16048 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K16048-BLK3)								Extracted: 11/17/06 14:28						
Phenanthrene	8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	12/02/06 14:44	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 86.4%*			*Limits: 50-147%*	"							*12/02/06 14:44*	
LCS (6K16048-BS2)								Extracted: 11/17/06 14:28						
Acenaphthene	8270C-SIM	0.568	---	0.0100	mg/kg wet	1x	--	0.667	85.2%	(70-125)	--	--	12/01/06 19:18	
Acenaphthylene	"	0.613	---	0.0100	"	"	--	"	91.9%	(70-133)	--	--	"	
Anthracene	"	0.630	---	0.0100	"	"	--	"	94.5%	(70-152)	--	--	"	
Benzo (a) anthracene	"	0.547	---	0.0100	"	"	--	"	82.0%	(60-125)	--	--	"	
Benzo (a) pyrene	"	0.628	---	0.0100	"	"	--	"	94.2%	(64-134)	--	--	"	
Benzo (b) fluoranthene	"	0.649	---	0.0100	"	"	--	"	97.3%	(62-147)	--	--	"	
Benzo (k) fluoranthene	"	0.751	---	0.0100	"	"	--	"	113%	(60-144)	--	--	"	
Benzo (ghi) perylene	"	0.409	---	0.0100	"	"	--	"	61.3%	(57-137)	--	--	"	
Chrysene	"	0.621	---	0.0100	"	"	--	"	93.1%	(70-139)	--	--	"	
Dibenz (a,h) anthracene	"	0.477	---	0.0100	"	"	--	"	71.5%	(56-140)	--	--	"	
Fluoranthene	"	0.574	---	0.0100	"	"	--	"	86.1%	(70-141)	--	--	"	
Fluorene	"	0.635	---	0.0100	"	"	--	"	95.2%	(76-132)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	0.439	---	0.0100	"	"	--	"	65.8%	(55-138)	--	--	"	
1-Methylnaphthalene	"	0.587	---	0.0100	"	"	--	"	88.0%	(46-128)	--	--	"	
2-Methylnaphthalene	"	0.607	---	0.0100	"	"	--	"	91.0%	(41-125)	--	--	"	
Naphthalene	"	0.539	---	0.0100	"	"	--	"	80.8%	(43-125)	--	--	"	
Phenanthrene	"	0.577	---	0.0100	"	"	--	"	86.5%	(73-125)	--	--	"	
Pyrene	"	0.720	---	0.0100	"	"	--	"	108%	(68-140)	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 109%*			*Limits: 50-147%*	"							*12/01/06 19:18*	
LCS Dup (6K16048-BSD2)								Extracted: 11/17/06 14:28						
Acenaphthene	8270C-SIM	0.567	---	0.0100	mg/kg wet	1x	--	0.667	85.0%	(70-125)	0.176%	(40)	12/01/06 19:52	
Acenaphthylene	"	0.608	---	0.0100	"	"	--	"	91.2%	(70-133)	0.819%	"	"	
Anthracene	"	0.625	---	0.0100	"	"	--	"	93.7%	(70-152)	0.797%	"	"	
Benzo (a) anthracene	"	0.547	---	0.0100	"	"	--	"	82.0%	(60-125)	0.00%	"	"	
Benzo (a) pyrene	"	0.629	---	0.0100	"	"	--	"	94.3%	(64-134)	0.159%	(26)	"	
Benzo (b) fluoranthene	"	0.676	---	0.0100	"	"	--	"	101%	(62-147)	4.08%	(40)	"	
Benzo (k) fluoranthene	"	0.740	---	0.0100	"	"	--	"	111%	(60-144)	1.48%	"	"	
Benzo (ghi) perylene	"	0.402	---	0.0100	"	"	--	"	60.3%	(57-137)	1.73%	"	"	
Chrysene	"	0.618	---	0.0100	"	"	--	"	92.7%	(70-139)	0.484%	(24)	"	
Dibenz (a,h) anthracene	"	0.467	---	0.0100	"	"	--	"	70.0%	(56-140)	2.12%	(40)	"	
Fluoranthene	"	0.567	---	0.0100	"	"	--	"	85.0%	(70-141)	1.23%	"	"	
Fluorene	"	0.629	---	0.0100	"	"	--	"	94.3%	(76-132)	0.949%	(43)	"	
Indeno (1,2,3-cd) pyrene	"	0.432	---	0.0100	"	"	--	"	64.8%	(55-138)	1.61%	(39)	"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16048 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6K16048-BSD2)								Extracted: 11/17/06 14:28						
1-Methylnaphthalene	8270C-SIM	0.584	---	0.0100	mg/kg wet	1x	--	0.667	87.6%	(46-128)	0.512%	(40)	12/01/06 19:52	
2-Methylnaphthalene	"	0.602	---	0.0100	"	"	--	"	90.3%	(41-125)	0.827%	"	"	
Naphthalene	"	0.536	---	0.0100	"	"	--	"	80.4%	(43-125)	0.558%	"	"	
Phenanthrene	"	0.571	---	0.0100	"	"	--	"	85.6%	(73-125)	1.05%	"	"	
Pyrene	"	0.755	---	0.0100	"	"	--	"	113%	(68-140)	4.75%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 113%*			*Limits: 50-147%*	"							*12/01/06 19:52*	

QC Batch: 6K21033 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K21033-BLK2)								Extracted: 11/21/06 14:16						
Acenaphthene	8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	11/30/06 10:44	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 76.6%*			*Limits: 50-147%*	"							*11/30/06 10:44*	

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Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K21033 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K21033-BLK3)								**Extracted: 11/21/06 14:16**						
Acenaphthene	8270C-SIM	ND	---	0.0100	mg/kg wet	1x	--	--	--	--	--	--	12/02/06 17:17	
Acenaphthylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.0200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.0100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 113%*			*Limits: 50-147%*	"							*12/02/06 17:17*	
LCS (6K21033-BS2)								**Extracted: 11/21/06 14:16**						
Acenaphthene	8270C-SIM	0.595	---	0.0100	mg/kg wet	1x	--	0.667	89.2%	(70-125)	--	--	11/30/06 11:17	
Acenaphthylene	"	0.595	---	0.0100	"	"	--	"	89.2%	(70-133)	--	--	"	
Anthracene	"	0.622	---	0.0100	"	"	--	"	93.3%	(70-152)	--	--	"	
Benzo (a) anthracene	"	0.527	---	0.0100	"	"	--	"	79.0%	(60-125)	--	--	"	
Benzo (a) pyrene	"	0.604	---	0.0100	"	"	--	"	90.6%	(64-134)	--	--	"	
Benzo (b) fluoranthene	"	0.590	---	0.0100	"	"	--	"	88.5%	(62-147)	--	--	"	
Benzo (k) fluoranthene	"	0.632	---	0.0100	"	"	--	"	94.8%	(60-144)	--	--	"	
Benzo (ghi) perylene	"	0.599	---	0.0100	"	"	--	"	89.8%	(57-137)	--	--	"	
Chrysene	"	0.613	---	0.0100	"	"	--	"	91.9%	(70-139)	--	--	"	
Dibenz (a,h) anthracene	"	0.614	---	0.0100	"	"	--	"	92.1%	(56-140)	--	--	"	
Fluoranthene	"	0.598	---	0.0100	"	"	--	"	89.7%	(70-141)	--	--	"	
Fluorene	"	0.619	---	0.0100	"	"	--	"	92.8%	(76-132)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	0.589	---	0.0100	"	"	--	"	88.3%	(55-138)	--	--	"	
1-Methylnaphthalene	"	0.582	---	0.0100	"	"	--	"	87.3%	(46-128)	--	--	"	
2-Methylnaphthalene	"	0.601	---	0.0100	"	"	--	"	90.1%	(41-125)	--	--	"	
Naphthalene	"	0.576	---	0.0100	"	"	--	"	86.4%	(43-125)	--	--	"	
Phenanthrene	"	0.572	---	0.0100	"	"	--	"	85.8%	(73-125)	--	--	"	

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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K21033 **Soil Preparation Method: EPA 3550B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6K21033-BS2)								**Extracted: 11/21/06 14:16**						
Pyrene	8270C-SIM	0.563	--	0.0100	mg/kg wet	1x	--	0.667	84.4%	(68-140)	--	--	11/30/06 11:17	
Surrogate(s): p-Terphenyl-d14		*Recovery: 81.4%*			*Limits: 50-147%*	"							*11/30/06 11:17*	

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Physical Parameters by APHA/ASTM/EPA Methods - Laboratory Quality Control Results

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QC Batch: 6K29054 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K29054-BLK1)													**Extracted: 11/29/06 20:07**	
Dry Weight	BSOPSPL00 3R08	100	---	1.00	%	1x	--	--	--	--	--	--	11/29/06 20:15	

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Oxygenates by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K27048 **Soil Preparation Method: EPA 5030B [MeOH]**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K27048-BLK1)							Extracted: 11/27/06 10:30							
tert-Amyl Methyl Ether	EPA 8260B	ND	---	0.50	mg/kg wet	1x	--	--	--	--	--	--	11/27/06 13:28	
Benzene	"	ND	---	0.02	"	"	--	--	--	--	--	--	"	
tert-Butyl Alcohol	"	ND	---	5.0	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane (EDB)	"	ND	---	0.05	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane (EDC)	"	ND	---	0.05	"	"	--	--	--	--	--	--	"	
Diisopropyl ether	"	ND	---	0.50	"	"	--	--	--	--	--	--	"	C
Ethyl tert-butyl ether	"	ND	---	0.50	"	"	--	--	--	--	--	--	"	
Ethanol	"	ND	---	20	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.10	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	0.50	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.50	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.10	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	0.10	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	0.20	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	0.30	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 91.0%*			*Limits: 75-125%*	"							*11/27/06 13:28*	
Toluene-d8		*96.0%*			*75-125%*	"							"	
4-BFB		*97.5%*			*75-125%*	"							"	
LCS (6K27048-BS1)							Extracted: 11/27/06 10:30							
tert-Amyl Methyl Ether	EPA 8260B	2.2	---	0.50	mg/kg wet	1x	--	2.00	110%	(70-130)	--	--	11/27/06 11:37	
Benzene	"	2.0	---	0.02	"	"	--	"	100%	(75-125)	--	--	"	
tert-Butyl Alcohol	"	9.5	---	5.0	"	"	--	10.0	95.0%	(70-130)	--	--	"	
1,2-Dibromoethane (EDB)	"	1.6	---	0.05	"	"	--	2.00	80.0%	"	--	--	"	
1,2-Dichloroethane (EDC)	"	1.8	---	0.05	"	"	--	"	90.0%	"	--	--	"	
Diisopropyl ether	"	2.4	---	0.50	"	"	--	"	120%	"	--	--	"	C8
Ethyl tert-butyl ether	"	2.3	---	0.50	"	"	--	"	115%	"	--	--	"	
Ethanol	"	130	---	20	"	"	--	100	130%	"	--	--	"	
Ethylbenzene	"	1.8	---	0.10	"	"	--	2.00	90.0%	(75-125)	--	--	"	
Methyl tert-butyl ether	"	2.1	---	0.50	"	"	--	"	105%	(71-127)	--	--	"	
Naphthalene	"	1.6	---	0.50	"	"	--	"	80.0%	(75-125)	--	--	"	
Toluene	"	1.9	---	0.10	"	"	--	"	95.0%	"	--	--	"	
o-Xylene	"	1.9	---	0.10	"	"	--	"	95.0%	"	--	--	"	
m,p-Xylene	"	3.8	---	0.20	"	"	--	4.00	95.0%	"	--	--	"	
Xylenes (total)	"	5.6	---	0.30	"	"	--	6.00	93.3%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 86.5%*			*Limits: 75-125%*	"							*11/27/06 11:37*	
Toluene-d8		*94.5%*			*75-125%*	"							"	
4-BFB		*99.5%*			*75-125%*	"							"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Oxygenates by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K27048 **Soil Preparation Method: EPA 5030B [MeOH]**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6K27048-BSD1)									Extracted: 11/27/06 10:30					
tert-Amyl Methyl Ether	EPA 8260B	2.2	---	0.50	mg/kg wet	1x	--	2.00	110%	(70-130)	0.00%	(40)	11/27/06 12:45	
Benzene	"	1.8	---	0.02	"	"	--	"	90.0%	(75-125)	10.5%	(20)	"	
tert-Butyl Alcohol	"	9.5	---	5.0	"	"	--	10.0	95.0%	(70-130)	0.00%	(40)	"	
1,2-Dibromoethane (EDB)	"	1.6	---	0.05	"	"	--	2.00	80.0%	"	0.00%	"	"	
1,2-Dichloroethane (EDC)	"	1.6	---	0.05	"	"	--	"	80.0%	"	11.8%	"	"	
Diisopropyl ether	"	2.4	---	0.50	"	"	--	"	120%	"	0.00%	"	"	C8
Ethyl tert-butyl ether	"	2.2	---	0.50	"	"	--	"	110%	"	4.44%	"	"	
Ethanol	"	110	---	20	"	"	--	100	110%	"	16.7%	"	"	
Ethylbenzene	"	1.7	---	0.10	"	"	--	2.00	85.0%	(75-125)	5.71%	(20)	"	
Methyl tert-butyl ether	"	2.1	---	0.50	"	"	--	"	105%	(71-127)	0.00%	"	"	
Naphthalene	"	1.7	---	0.50	"	"	--	"	85.0%	(75-125)	6.06%	"	"	
Toluene	"	1.7	---	0.10	"	"	--	"	85.0%	"	11.1%	"	"	
o-Xylene	"	1.7	---	0.10	"	"	--	"	85.0%	"	11.1%	"	"	
m,p-Xylene	"	3.4	---	0.20	"	"	--	4.00	85.0%	"	11.1%	"	"	
Xylenes (total)	"	5.1	---	0.30	"	"	--	6.00	85.0%	"	9.35%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 87.5%*			*Limits: 75-125%*	"							*11/27/06 12:45*	
Toluene-d8		*95.0%*			*75-125%*	"							"	
4-BFB		*100%*			*75-125%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, 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.

TestAmerica
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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	SEAT4902 (2075)	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/12/06 16:08

Notes and Definitions

Report Specific Notes:

C	-	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C8	-	Calibration Verification recovery was above the method control limit for this analyte. A high bias may be indicated.
D-06	-	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
D-09	-	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
D-14	-	Diluted due to matrix effect.
Dx-G	-	Result not representative of Diesel but due to overlap from a Gasoline Range Organic.
G-02	-	The chromatogram for this sample does not resemble a typical gasoline pattern. Please refer to the sample chromatogram.
MS-2	-	The Matrix Spike and/or Matrix Spike Duplicate were below the acceptance limits due to sample matrix interference. See Laboratory Control Sample.
MS-3	-	The Matrix Spike and/or Matrix Spike Duplicate were above the acceptance limits due to sample matrix interference. See Laboratory Control Sample.
Q-01	-	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
Q5	-	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
RP-3	-	The RPD exceeded the laboratory control limit due to sample matrix effects.
RP-4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
SR-4	-	Due to sample matrix effects, the surrogate recovery was outside laboratory control limits.

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.

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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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.

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December 07, 2006

Justin Foslien
Cambria - Seattle
8620 Holly Drive, Suite 210
Everett, WA 98208

RE: Shell - 4902 25th AVE NE, Seattle

Enclosed are the results of analyses for samples received by the laboratory on 11/15/06 19:15. The following list is a summary of the Work Orders contained in this report, generated on 12/07/06 17:10.

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

Work Order	Project	ProjectNumber
BPK0453	Shell - 4902 25th AVE NE, Se	248-1735

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Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB6@2.0'	BPK0453-01	Water	11/15/06 16:46	11/15/06 19:15
SB7@3.2'	BPK0453-02	Water	11/15/06 16:10	11/15/06 19:15
SB9@2.7'	BPK0453-03	Water	11/15/06 15:25	11/15/06 19:15
TB1	BPK0453-04	Water	11/15/06 16:50	11/15/06 19:15

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Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Volatile Petroleum Products by NWTPH-Gx

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**			**Sampled: 11/15/06 16:46**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**2310**	----	50.0	ug/l	1x	6K22016	11/22/06 10:07	11/22/06 22:42	
Surrogate(s): 4-BFB (FID)			*243%*		*58 - 144 %*	"			"	***SR-4***
BPK0453-02 (SB7@3.2')		**Water**			**Sampled: 11/15/06 16:10**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**1660**	----	50.0	ug/l	1x	6K22016	11/22/06 10:07	11/22/06 13:23	
Surrogate(s): 4-BFB (FID)			*227%*		*58 - 144 %*	"			"	***SR-4***
BPK0453-03 (SB9@2.7')		**Water**			**Sampled: 11/15/06 15:25**					
Gasoline Range Hydrocarbons	NWTPH-Gx	**85.5**	----	50.0	ug/l	1x	6K22016	11/22/06 10:07	11/22/06 13:56	
Surrogate(s): 4-BFB (FID)			*93.8%*		*58 - 144 %*	"			"	
BPK0453-04 (TB1)		**Water**			**Sampled: 11/15/06 16:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	----	50.0	ug/l	1x	6K22016	11/22/06 10:07	11/22/06 17:49	
Surrogate(s): 4-BFB (FID)			*90.2%*		*58 - 144 %*	"			"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**			**Sampled: 11/15/06 16:46**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.245	mg/l	1x	6K27016	11/27/06 09:57	12/06/06 04:53	
Lube Oil Range Hydrocarbons	"	ND	----	0.490	"	"	"	"	"	
Surrogate(s): 2-FBP			*80.0%*		*53 - 125 %*	"			"	
Octacosane			*101%*		*68 - 125 %*	"			"	
BPK0453-02 (SB7@3.2')		**Water**			**Sampled: 11/15/06 16:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.253	mg/l	1x	6K27016	11/27/06 09:57	12/06/06 05:22	
Lube Oil Range Hydrocarbons	"	ND	----	0.505	"	"	"	"	"	
Surrogate(s): 2-FBP			*92.1%*		*53 - 125 %*	"			"	
Octacosane			*94.5%*		*68 - 125 %*	"			"	
BPK0453-03 (SB9@2.7')		**Water**			**Sampled: 11/15/06 15:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	----	0.243	mg/l	1x	6K27016	11/27/06 09:57	12/06/06 05:51	
Lube Oil Range Hydrocarbons	"	ND	----	0.485	"	"	"	"	"	
Surrogate(s): 2-FBP			*92.2%*		*53 - 125 %*	"			"	
Octacosane			*93.8%*		*68 - 125 %*	"			"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
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Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**				**Sampled: 11/15/06 16:46**				
Lead	EPA 6020	0.00786	---	0.00100	mg/l	1x	6K22024	11/22/06 13:23	11/26/06 21:36	
BPK0453-02 (SB7@3.2')		**Water**				**Sampled: 11/15/06 16:10**				
Lead	EPA 6020	0.00347	---	0.00100	mg/l	1x	6K22024	11/22/06 13:23	11/26/06 21:48	
BPK0453-03 (SB9@2.7')		**Water**				**Sampled: 11/15/06 15:25**				
Lead	EPA 6020	0.00830	---	0.00100	mg/l	1x	6K22024	11/22/06 13:23	11/26/06 21:54	

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Everett, WA 98208	Project Manager:	Justin Foslien
		Report Created: 12/07/06 17:10

Polychlorinated Biphenyls by EPA Method 8082

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**			**Sampled: 11/15/06 16:46**					
Aroclor 1016 [2C]	EPA 8082	ND	----	0.476	ug/l	1x	6K21013	11/21/06 10:07	11/29/06 17:38	
Aroclor 1221	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1232	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1242	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1248	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1254	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1262	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1268	"	ND	----	0.476	"	"	"	"	"	
Surrogate(s): *TCX*			*58.9%*		*19 - 126 %*	"			"	
Decachlorobiphenyl			*35.9%*		*20 - 131 %*	"			"	
BPK0453-02 (SB7@3.2')		**Water**			**Sampled: 11/15/06 16:10**					
Aroclor 1016 [2C]	EPA 8082	ND	----	0.495	ug/l	1x	6K21013	11/21/06 10:07	11/29/06 17:56	
Aroclor 1221	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1232	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1242	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1248	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1254	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1262	"	ND	----	0.495	"	"	"	"	"	
Aroclor 1268	"	ND	----	0.495	"	"	"	"	"	
Surrogate(s): *TCX*			*66.2%*		*19 - 126 %*	"			"	
Decachlorobiphenyl			*39.4%*		*20 - 131 %*	"			"	
BPK0453-03 (SB9@2.7')		**Water**			**Sampled: 11/15/06 15:25**					
Aroclor 1016 [2C]	EPA 8082	ND	----	0.476	ug/l	1x	6K21013	11/21/06 10:07	11/29/06 18:15	
Aroclor 1221	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1232	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1242	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1248	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1254	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1260 [2C]	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1262	"	ND	----	0.476	"	"	"	"	"	
Aroclor 1268	"	ND	----	0.476	"	"	"	"	"	
Surrogate(s): *TCX*			*67.4%*		*19 - 126 %*	"			"	
Decachlorobiphenyl			*40.3%*		*20 - 131 %*	"			"	

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Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**			**Sampled: 11/15/06 16:46**					
Acenaphthene	8270C-SIM	ND	----	0.0980	ug/l	1x	6K15038	11/15/06 17:40	11/26/06 02:10	
Acenaphthylene	"	ND	----	0.0980	"	"	"	"	"	
Anthracene	"	ND	----	0.0980	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0980	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0980	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0980	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0980	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0980	"	"	"	"	"	
Chrysene	"	ND	----	0.0980	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0980	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0980	"	"	"	"	"	
Fluorene	"	ND	----	0.0980	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0980	"	"	"	"	"	
1-Methylnaphthalene	"	**0.810**	----	0.0980	"	"	"	"	"	
2-Methylnaphthalene	"	**1.38**	----	0.0980	"	"	"	"	"	
Naphthalene	"	**2.18**	----	0.0980	"	"	"	"	"	
Phenanthrene	"	ND	----	0.0980	"	"	"	"	"	
Pyrene	"	ND	----	0.0980	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*49.4%*			*20 - 131 %*	"			"	
BPK0453-02 (SB7@3.2')		**Water**			**Sampled: 11/15/06 16:10**					
Acenaphthene	8270C-SIM	**0.574**	----	0.100	ug/l	1x	6K15038	11/15/06 17:40	11/26/06 02:37	
Acenaphthylene	"	ND	----	0.100	"	"	"	"	"	
Anthracene	"	**0.116**	----	0.100	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.100	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.100	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.100	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.100	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.100	"	"	"	"	"	
Chrysene	"	ND	----	0.100	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.100	"	"	"	"	"	
Fluoranthene	"	**0.438**	----	0.100	"	"	"	"	"	
Fluorene	"	**0.100**	----	0.100	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.100	"	"	"	"	"	
1-Methylnaphthalene	"	**1.75**	----	0.100	"	"	"	"	"	
2-Methylnaphthalene	"	**2.71**	----	0.100	"	"	"	"	"	
Naphthalene	"	**1.17**	----	0.100	"	"	"	"	"	
Phenanthrene	"	**0.250**	----	0.100	"	"	"	"	"	
Pyrene	"	**0.392**	----	0.100	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*49.6%*			*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-03 (SB9@2.7')		**Water**			**Sampled: 11/15/06 15:25**					
Acenaphthene	8270C-SIM	ND	----	0.0943	ug/l	1x	6K15038	11/15/06 17:40	11/26/06 03:03	
Acenaphthylene	"	ND	----	0.0943	"	"	"	"	"	
Anthracene	"	ND	----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	----	0.0943	"	"	"	"	"	
Chrysene	"	ND	----	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	----	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	----	0.0943	"	"	"	"	"	
Fluorene	"	ND	----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	----	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**0.147**	----	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	**0.345**	----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.125**	----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	----	0.0943	"	"	"	"	"	
Pyrene	"	ND	----	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*61.2%*		*20 - 131 %*	"			"	

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-01 (SB6@2.0')		**Water**			**Sampled: 11/15/06 16:46**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	1.00	ug/l	1x	6K16059	11/16/06 10:33	11/16/06 21:14	
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	—	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		*94.5%*		*70 - 130 %*	"				"	
Toluene-d8		*103%*		*75 - 125 %*	"				"	
4-BFB		*100%*		*75 - 125 %*	"				"	
BPK0453-02 (SB7@3.2')		**Water**			**Sampled: 11/15/06 16:10**					
tert-Amyl Methyl Ether	EPA 8260B	ND	—	1.00	ug/l	1x	6K16059	11/16/06 10:33	11/16/06 21:44	
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	—	250	"	"	"	"	"	
Ethylbenzene	"	**4.35**	—	0.500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	—	5.00	"	"	"	"	"	
Toluene	"	ND	—	0.500	"	"	"	"	"	
o-Xylene	"	ND	—	1.00	"	"	"	"	"	
m,p-Xylene	"	**2.96**	—	2.00	"	"	"	"	"	
Xylenes (total)	"	ND	—	3.00	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4		*94.5%*		*70 - 130 %*	"				"	
Toluene-d8		*103%*		*75 - 125 %*	"				"	
4-BFB		*100%*		*75 - 125 %*	"				"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Oxygenates by EPA Method 8260B

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0453-03 (SB9@2.7')		**Water**			**Sampled: 11/15/06 15:25**					
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6K16059	11/16/06 10:33	11/16/06 20:44	
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	----	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			*93.0%*		*70 - 130 %*	"			"	
Toluene-d8			*102%*		*75 - 125 %*	"			"	
4-BFB			*101%*		*75 - 125 %*	"			"	
BPK0453-04 (TB1)		**Water**			**Sampled: 11/15/06 16:50**					
tert-Amyl Methyl Ether	EPA 8260B	ND	----	1.00	ug/l	1x	6K16059	11/16/06 10:33	11/16/06 13:30	
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	----	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			*98.0%*		*70 - 130 %*	"			"	
Toluene-d8			*105%*		*75 - 125 %*	"			"	
4-BFB			*102%*		*75 - 125 %*	"			"	

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Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K22016 **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 (6K22016-BLK1)							Extracted: 11/22/06 10:07							
Gasoline Range Hydrocarbons	NWTPH-Gx	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	11/22/06 11:12	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.0%*			*Limits: 58-144%*	"							*11/22/06 11:12*	
LCS (6K22016-BS1)							Extracted: 11/22/06 10:07							
Gasoline Range Hydrocarbons	NWTPH-Gx	949	---	50.0	ug/l	1x	--	1000	94.9%	(80-120)	--	--	11/22/06 11:45	
Surrogate(s): 4-BFB (FID)		*Recovery: 96.2%*			*Limits: 58-144%*	"							*11/22/06 11:45*	
Duplicate (6K22016-DUP1)					QC Source: BPK0477-01		Extracted: 11/22/06 10:07							
Gasoline Range Hydrocarbons	NWTPH-Gx	109	---	50.0	ug/l	1x	120	--	--	--	9.61%	(25)	11/22/06 12:52	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.8%*			*Limits: 58-144%*	"							*11/22/06 12:52*	
Duplicate (6K22016-DUP2)					QC Source: BPK0477-02		Extracted: 11/22/06 10:07							
Gasoline Range Hydrocarbons	NWTPH-Gx	1220	---	50.0	ug/l	1x	1280	--	--	--	4.80%	(25)	11/22/06 15:03	
Surrogate(s): 4-BFB (FID)		*Recovery: 180%*			*Limits: 58-144%*	"							*11/22/06 15:03*	*SR-4*
Matrix Spike (6K22016-MS1)					QC Source: BPK0477-01		Extracted: 11/22/06 10:07							
Gasoline Range Hydrocarbons	NWTPH-Gx	1160	---	50.0	ug/l	1x	120	1000	104%	(75-131)	--	--	11/22/06 16:09	
Surrogate(s): 4-BFB (FID)		*Recovery: 100%*			*Limits: 58-144%*	"							*11/22/06 16:09*	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K27016 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K27016-BLK1)									Extracted: 11/27/06 09:55					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	12/06/06 02:28	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 87.2%*			*Limits: 53-125%*	"							*12/06/06 02:28*	
Octacosane		*89.2%*			*68-125%*	"							"	
LCS (6K27016-BS1)									Extracted: 11/27/06 09:55					
Diesel Range Hydrocarbons	NWTPH-Dx	1.91	---	0.250	mg/l	1x	--	2.00	95.5%	(61-132)	--	--	12/06/06 02:57	
Surrogate(s): 2-FBP		*Recovery: 98.8%*			*Limits: 53-125%*	"							*12/06/06 02:57*	
Octacosane		*94.8%*			*68-125%*	"							"	
LCS Dup (6K27016-BSD1)									Extracted: 11/27/06 09:55					
Diesel Range Hydrocarbons	NWTPH-Dx	1.92	---	0.250	mg/l	1x	--	2.00	96.0%	(61-132)	0.522%	(35)	12/06/06 03:26	
Surrogate(s): 2-FBP		*Recovery: 103%*			*Limits: 53-125%*	"							*12/06/06 03:26*	
Octacosane		*94.4%*			*68-125%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Total Metals by EPA 6000/7000 Series Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K22024 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K22024-BLK1)								Extracted: 11/22/06 13:23						
Lead	EPA 6020	ND	---	0.00100	mg/l	1x	--	--	--	--	--	--	11/26/06 19:55	
LCS (6K22024-BS1)								Extracted: 11/22/06 13:23						
Lead	EPA 6020	0.0818	---	0.00100	mg/l	1x	--	0.0800	102%	(80-120)	--	--	11/26/06 20:13	
Duplicate (6K22024-DUP1)					QC Source: BPK0565-01			Extracted: 11/22/06 13:23						
Lead	EPA 6020	0.00912	---	0.00100	mg/l	1x	0.00911	--	--	--	0.110%	(20)	11/26/06 20:31	
Matrix Spike (6K22024-MS1)					QC Source: BPK0565-01			Extracted: 11/22/06 13:23						
Lead	EPA 6020	0.0959	---	0.00100	mg/l	1x	0.00911	0.0800	108%	(80-120)	--	--	11/26/06 20:25	
Post Spike (6K22024-PS1)					QC Source: BPK0565-01			Extracted: 11/22/06 13:23						
Lead	EPA 6020	0.111	---		ug/ml	1x	0.00911	0.0995	102%	(75-125)	--	--	11/26/06 20:19	

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Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K21013 **Water Preparation Method: EPA 3510C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K21013-BLK1)								Extracted: 11/21/06 10:07						
Aroclor 1016 [2C]	EPA 8082	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	11/29/06 16:44	
Aroclor 1221	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1260 [2C]	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1262	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1268	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX		*Recovery: 70.0%*			*Limits: 19-126%*	"							*11/29/06 16:44*	
Decachlorobiphenyl		*65.5%*			*20-131%*	"							"	
LCS (6K21013-BS1)								Extracted: 11/21/06 10:07						
Aroclor 1016 [2C]	EPA 8082	1.89	---	0.500	ug/l	1x	--	2.50	75.6%	(45-128)	--	--	11/29/06 17:02	
Aroclor 1260 [2C]	"	1.60	---	0.500	"	"	--	"	64.0%	(54-125)	--	--	"	
Surrogate(s): TCX		*Recovery: 71.5%*			*Limits: 19-126%*	"							*11/29/06 17:02*	
Decachlorobiphenyl		*56.5%*			*20-131%*	"							"	
LCS Dup (6K21013-BSD1)								Extracted: 11/21/06 10:07						
Aroclor 1016 [2C]	EPA 8082	1.87	---	0.500	ug/l	1x	--	2.50	74.8%	(45-128)	1.06%	(30)	11/29/06 17:20	
Aroclor 1260 [2C]	"	1.62	---	0.500	"	"	--	"	64.8%	(54-125)	1.24%	"	"	
Surrogate(s): TCX		*Recovery: 69.0%*			*Limits: 19-126%*	"							*11/29/06 17:20*	
Decachlorobiphenyl		*54.0%*			*20-131%*	"							"	

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K15038 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K15038-BLK2)								Extracted: 11/15/06 12:40						
Acenaphthene	8270C-SIM	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	11/20/06 17:20	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 93.8%*			*Limits: 20-131%*	"							*11/20/06 17:20*	
Blank (6K15038-BLK3)								Extracted: 11/15/06 12:40						
Acenaphthene	8270C-SIM	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	11/25/06 23:31	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b & k) fluoranthene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K15038 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K15038-BLK3)								Extracted: 11/15/06 12:40						
Phenanthrene	8270C-SIM	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	11/25/06 23:31	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 97.6%*			*Limits: 20-131%*	"							*11/25/06 23:31*	
LCS (6K15038-BS2)								Extracted: 11/15/06 12:40						
Acenaphthene	8270C-SIM	16.4	---	0.100	ug/l	1x	--	20.0	82.0%	(68-129)	--	--	11/20/06 16:12	
Acenaphthylene	"	16.9	---	0.100	"	"	--	"	84.5%	(77-129)	--	--	"	
Anthracene	"	17.6	---	0.100	"	"	--	"	88.0%	(80-146)	--	--	"	
Benzo (a) anthracene	"	15.7	---	0.100	"	"	--	"	78.5%	(73-120)	--	--	"	
Benzo (a) pyrene	"	17.7	---	0.100	"	"	--	"	88.5%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	19.8	---	0.100	"	"	--	"	99.0%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	18.3	---	0.100	"	"	--	"	91.5%	(63-150)	--	--	"	
Benzo (b & k) fluoranthene	"	37.8	---	0.200	"	"	--	40.0	94.5%	"	--	--	"	
Benzo (ghi) perylene	"	12.0	---	0.100	"	"	--	20.0	60.0%	(46-142)	--	--	"	
Chrysene	"	17.9	---	0.100	"	"	--	"	89.5%	(80-132)	--	--	"	
Dibenz (a,h) anthracene	"	13.5	---	0.100	"	"	--	"	67.5%	(56-138)	--	--	"	
Fluoranthene	"	17.2	---	0.100	"	"	--	"	86.0%	(79-138)	--	--	"	
Fluorene	"	17.5	---	0.100	"	"	--	"	87.5%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	12.6	---	0.100	"	"	--	"	63.0%	(53-136)	--	--	"	
1-Methylnaphthalene	"	15.5	---	0.100	"	"	--	"	77.5%	(41-120)	--	--	"	
2-Methylnaphthalene	"	15.9	---	0.100	"	"	--	"	79.5%	(43-122)	--	--	"	
Naphthalene	"	15.3	---	0.100	"	"	--	"	76.5%	(38-128)	--	--	"	
Phenanthrene	"	16.4	---	0.100	"	"	--	"	82.0%	(77-123)	--	--	"	
Pyrene	"	18.7	---	0.100	"	"	--	"	93.5%	(60-150)	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 91.0%*			*Limits: 20-131%*	"							*11/20/06 16:12*	
LCS Dup (6K15038-BSD2)								Extracted: 11/15/06 12:40						
Acenaphthene	8270C-SIM	16.4	---	0.100	ug/l	1x	--	20.0	82.0%	(68-129)	0.00%	(30)	11/20/06 16:46	
Acenaphthylene	"	17.0	---	0.100	"	"	--	"	85.0%	(77-129)	0.590%	"	"	
Anthracene	"	17.5	---	0.100	"	"	--	"	87.5%	(80-146)	0.570%	"	"	
Benzo (a) anthracene	"	16.0	---	0.100	"	"	--	"	80.0%	(73-120)	1.89%	"	"	
Benzo (a) pyrene	"	17.9	---	0.100	"	"	--	"	89.5%	(70-132)	1.12%	"	"	
Benzo (b) fluoranthene	"	20.5	---	0.100	"	"	--	"	102%	(68-148)	3.47%	"	"	
Benzo (k) fluoranthene	"	17.5	---	0.100	"	"	--	"	87.5%	(63-150)	4.47%	"	"	
Benzo (b & k) fluoranthene	"	37.9	---	0.200	"	"	--	40.0	94.8%	"	0.264%	"	"	
Benzo (ghi) perylene	"	12.4	---	0.100	"	"	--	20.0	62.0%	(46-142)	3.28%	"	"	
Chrysene	"	17.7	---	0.100	"	"	--	"	88.5%	(80-132)	1.12%	"	"	
Dibenz (a,h) anthracene	"	13.9	---	0.100	"	"	--	"	69.5%	(56-138)	2.92%	"	"	
Fluoranthene	"	17.1	---	0.100	"	"	--	"	85.5%	(79-138)	0.583%	"	"	

TestAmerica - Seattle, WA

Kate Haney

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K15038 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6K15038-BSD2)									**Extracted: 11/15/06 12:40**					
Fluorene	8270C-SIM	17.5	---	0.100	ug/l	1x	--	20.0	87.5%	(42-120)	0.00%	(30)	11/20/06 16:46	
Indeno (1,2,3-cd) pyrene	"	13.1	---	0.100	"	"	--	"	65.5%	(53-136)	3.89%	"	"	
1-Methylnaphthalene	"	15.6	---	0.100	"	"	--	"	78.0%	(41-120)	0.643%	"	"	
2-Methylnaphthalene	"	16.0	---	0.100	"	"	--	"	80.0%	(43-122)	0.627%	"	"	
Naphthalene	"	15.3	---	0.100	"	"	--	"	76.5%	(38-128)	0.00%	"	"	
Phenanthrene	"	16.5	---	0.100	"	"	--	"	82.5%	(77-123)	0.608%	"	"	
Pyrene	"	18.7	---	0.100	"	"	--	"	93.5%	(60-150)	0.00%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 91.6%*			*Limits: 20-131%*	"							*11/20/06 16:46*	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Oxygenates by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16059 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6K16059-BLK1)									Extracted: 11/16/06 10:33					
tert-Amyl Methyl Ether	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	11/16/06 12:59	
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	---	250	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	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: 100%*			*Limits: 70-130%*	"							*11/16/06 12:59*	
Toluene-d8		*104%*			*75-125%*	"							"	
4-BFB		*102%*			*75-125%*	"							"	
LCS (6K16059-BS1)									Extracted: 11/16/06 10:33					
tert-Amyl Methyl Ether	EPA 8260B	20.5	---	1.00	ug/l	1x	--	20.0	102%	(75-125)	--	--	11/16/06 11:40	
Benzene	"	18.4	---	0.500	"	"	--	"	92.0%	(80-120)	--	--	"	
tert-Butyl Alcohol	"	92.6	---	50.0	"	"	--	100	92.6%	(75-125)	--	--	"	
1,2-Dibromoethane (EDB)	"	17.2	---	0.500	"	"	--	20.0	86.0%	"	--	--	"	
1,2-Dichloroethane (EDC)	"	16.6	---	0.500	"	"	--	"	83.0%	"	--	--	"	
Diisopropyl ether	"	22.5	---	1.00	"	"	--	"	112%	"	--	--	"	
Ethyl tert-butyl ether	"	20.8	---	1.00	"	"	--	"	104%	"	--	--	"	
Ethanol	"	1030	---	250	"	"	--	1000	103%	"	--	--	"	
Ethylbenzene	"	18.6	---	0.500	"	"	--	20.0	93.0%	"	--	--	"	
Methyl tert-butyl ether	"	19.7	---	5.00	"	"	--	"	98.5%	(75-126)	--	--	"	
Naphthalene	"	17.8	---	5.00	"	"	--	"	89.0%	(65-144)	--	--	"	
Toluene	"	18.8	---	0.500	"	"	--	"	94.0%	(75-125)	--	--	"	
o-Xylene	"	18.4	---	1.00	"	"	--	"	92.0%	(75-130)	--	--	"	
m,p-Xylene	"	37.6	---	2.00	"	"	--	40.0	94.0%	(75-125)	--	--	"	
Xylenes (total)	"	56.0	---	3.00	"	"	--	60.0	93.3%	"	--	--	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 96.0%*			*Limits: 70-130%*	"							*11/16/06 11:40*	
Toluene-d8		*103%*			*75-125%*	"							"	
4-BFB		*102%*			*75-125%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Oxygenates by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6K16059 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6K16059-BSD1)									Extracted: 11/16/06 10:33					
tert-Amyl Methyl Ether	EPA 8260B	19.9	---	1.00	ug/l	1x	--	20.0	99.5%	(75-125)	2.97%	(25)	11/16/06 12:20	
Benzene	"	17.9	---	0.500	"	"	--	"	89.5%	(80-120)	2.75%	(20)	"	
tert-Butyl Alcohol	"	92.3	---	50.0	"	"	--	100	92.3%	(75-125)	0.324%	(25)	"	
1,2-Dibromoethane (EDB)	"	17.1	---	0.500	"	"	--	20.0	85.5%	"	0.583%	"	"	
1,2-Dichloroethane (EDC)	"	16.6	---	0.500	"	"	--	"	83.0%	"	0.00%	"	"	
Diisopropyl ether	"	22.0	---	1.00	"	"	--	"	110%	"	2.25%	"	"	
Ethyl tert-butyl ether	"	20.4	---	1.00	"	"	--	"	102%	"	1.94%	"	"	
Ethanol	"	1030	---	250	"	"	--	1000	103%	"	0.00%	"	"	
Ethylbenzene	"	17.7	---	0.500	"	"	--	20.0	88.5%	"	4.96%	(20)	"	
Methyl tert-butyl ether	"	19.4	---	5.00	"	"	--	"	97.0%	(75-126)	1.53%	"	"	
Naphthalene	"	17.1	---	5.00	"	"	--	"	85.5%	(65-144)	4.01%	"	"	
Toluene	"	18.2	---	0.500	"	"	--	"	91.0%	(75-125)	3.24%	"	"	
o-Xylene	"	17.7	---	1.00	"	"	--	"	88.5%	(75-130)	3.88%	"	"	
m,p-Xylene	"	35.9	---	2.00	"	"	--	40.0	89.8%	(75-125)	4.63%	"	"	
Xylenes (total)	"	53.6	---	3.00	"	"	--	60.0	89.3%	"	4.38%	"	"	
Surrogate(s): 1,2-DCA-d4		*Recovery: 97.0%*			*Limits: 70-130%*	"							*11/16/06 12:20*	
Toluene-d8		*101%*			*75-125%*	"							"	
4-BFB		*102%*			*75-125%*	"							"	

TestAmerica - Seattle, WA

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Cambria - Seattle	Project Name:	**Shell - 4902 25th AVE NE, Seattle**	
8620 Holly Drive, Suite 210	Project Number:	248-1735	Report Created:
Everett, WA 98208	Project Manager:	Justin Foslien	12/07/06 17:10

Notes and Definitions

Report Specific Notes:

SR-4 - Due to sample matrix effects, the surrogate recovery was outside laboratory control limits.

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

Kate Haney, Project Manager