MINIT LUBE 1102
Lynnwood
LUST 324012

CONESTOGA-ROVERS
& ASSOCIATES

February 29, 2008

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

Re: **Groundwater Monitoring Report – Fourth Quarter 2007**
Former Jiffy Lube No. 2068
6808 196th Street SW
Lynnwood, Washington
SAP Code 171152
Incident No. 97605410
Ecology ID No. 27496218

Dear Mr. Bails:

Conestoga-Rovers & Associates, Inc. (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

If you have questions regarding this report, please contact Brian Peters at (425) 212-5106.

Sincerely,
Conestoga-Rovers & Associates, Inc.

Brian Peters, LG
Project Manager

State of Washington
1122
Licensed Geologist
BRIAN C. PETERS

RECEIVED
MAR 06 2008
DEPT. OF ECOLOGY
TCP-NWRO

Enclosure: Groundwater Monitoring Report – Fourth Quarter 2007

cc: Mr. Dave Kremer, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
Mr. Rick Megenity, Strickland Corporation, P.O. Box 1004, Everett, WA 98206

3/11/08

CONESTOGA-ROVERS
& ASSOCIATES

GROUNDWATER MONITORING REPORT – FOURTH QUARTER 2007

Site Address	6808 196th Street SW, Lynnwood
Site Use	Former Jiffy Lube
Shell Project Manager	Dave Kremer
Consultant and Contact Person	CRA, Brian Peters
Lead Agency and Contact	WDOE, John Bails
Ecology ID No.	27496218
Shell SAP Code	171152
Shell Incident No.	97605410
Date of Most Recent Agency Correspondence	No agency correspondence on record

Current Quarter's Activities

1. Blaine Tech Services, Inc. (Blaine) gauged and sampled wells according to the established monitoring program for this site.
2. CRA prepared a vicinity map (Figure 1) and a groundwater elevation contour and chemical concentration map (Figure 2). CRA prepared Tables 1 and 2 summarizing groundwater monitoring data and the laboratory analytical results. Field forms and the laboratory analytical report are included as Attachments A and B, respectively.

Current Quarter's Findings

Groundwater Flow Direction	Southwest
Hydraulic Gradient	0.02 feet/foot
Depth to Water	11.71 to 14.87 feet below top of well casing

Proposed Activities for Next Quarter

1. Blaine will gauge and sample wells during the first month of the first quarter of 2008, according to the established monitoring program for this site.
2. The site will be monitored monthly to gauge separate phase hydrocarbon (SPH) in the wells. SPH will be removed from wells containing measurable SPH.

Discussion

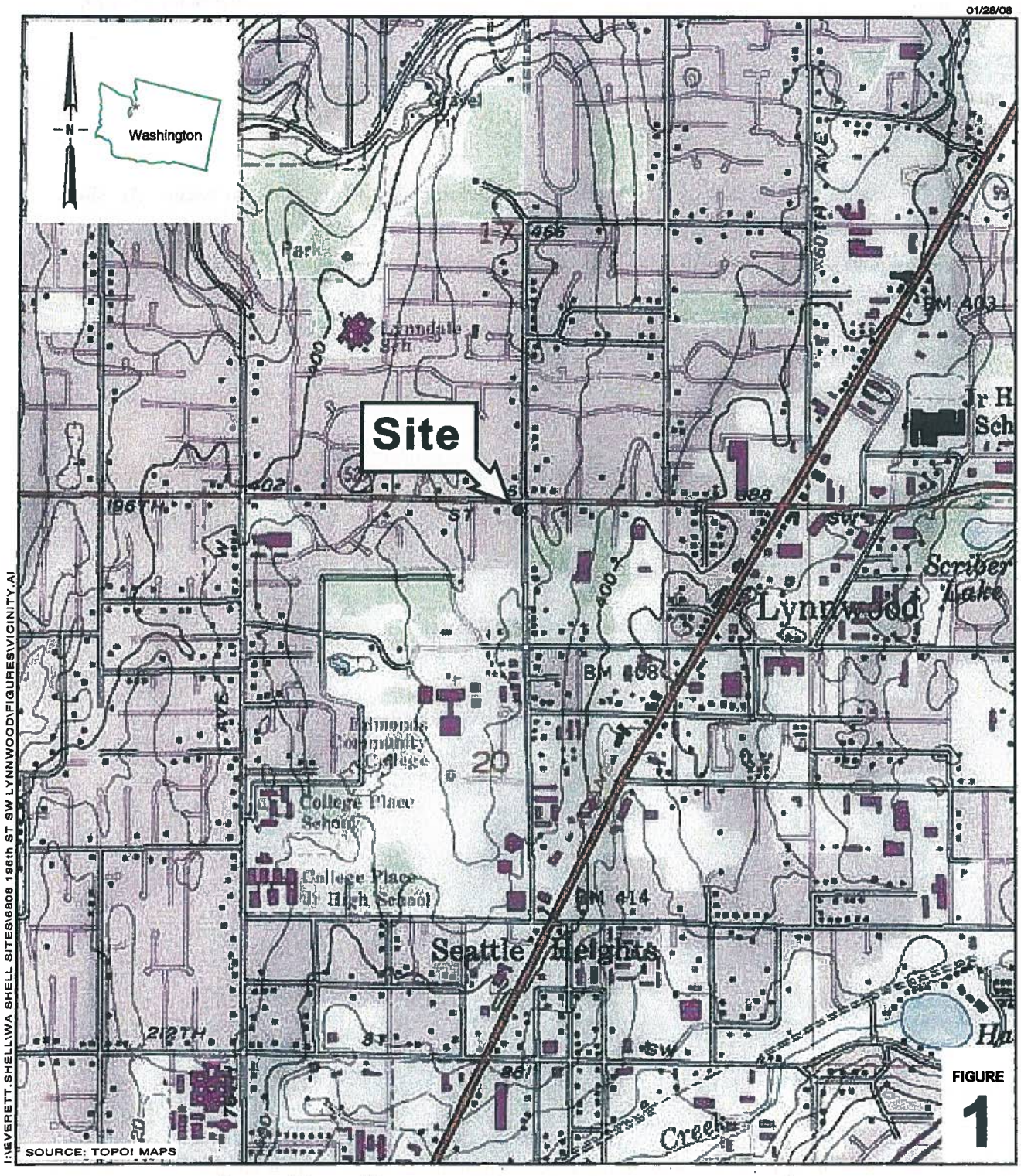
On October 1, 2007, Blaine gauged wells MW-1 through MW-10 for depth to water. All site wells were sampled except MW-4 and MW-5, which contained SPH. Multiple constituents were detected above the Washington State Department of Ecology Model Toxics Control Act (MTCA) Method A cleanup levels in groundwater samples from MW-1 through MW-3 and MW-8 and MW-10. Wells MW-4 and MW-5 were monitored for thickness of SPH and SPH was manually removed and containerized on a weekly basis.

Figures: 1 - Vicinity Map
2 - Groundwater Contour and Chemical Concentration Map

Tables: 1 - Summary of Groundwater Monitoring Data – BETX, MTBE, and Petroleum Hydrocarbons
2 - Summary of Groundwater Monitoring Data – Oxygenates

Attachments: A - Blaine Tech Services, Inc. - Field Forms
B - Laboratory Analysis Report

\\Sea-s1\Shared\Everett.Shell\WA Shell Sites\6808 196th Street SW Lynnwood\QMRS\Reports\4q07\4q07qm.doc



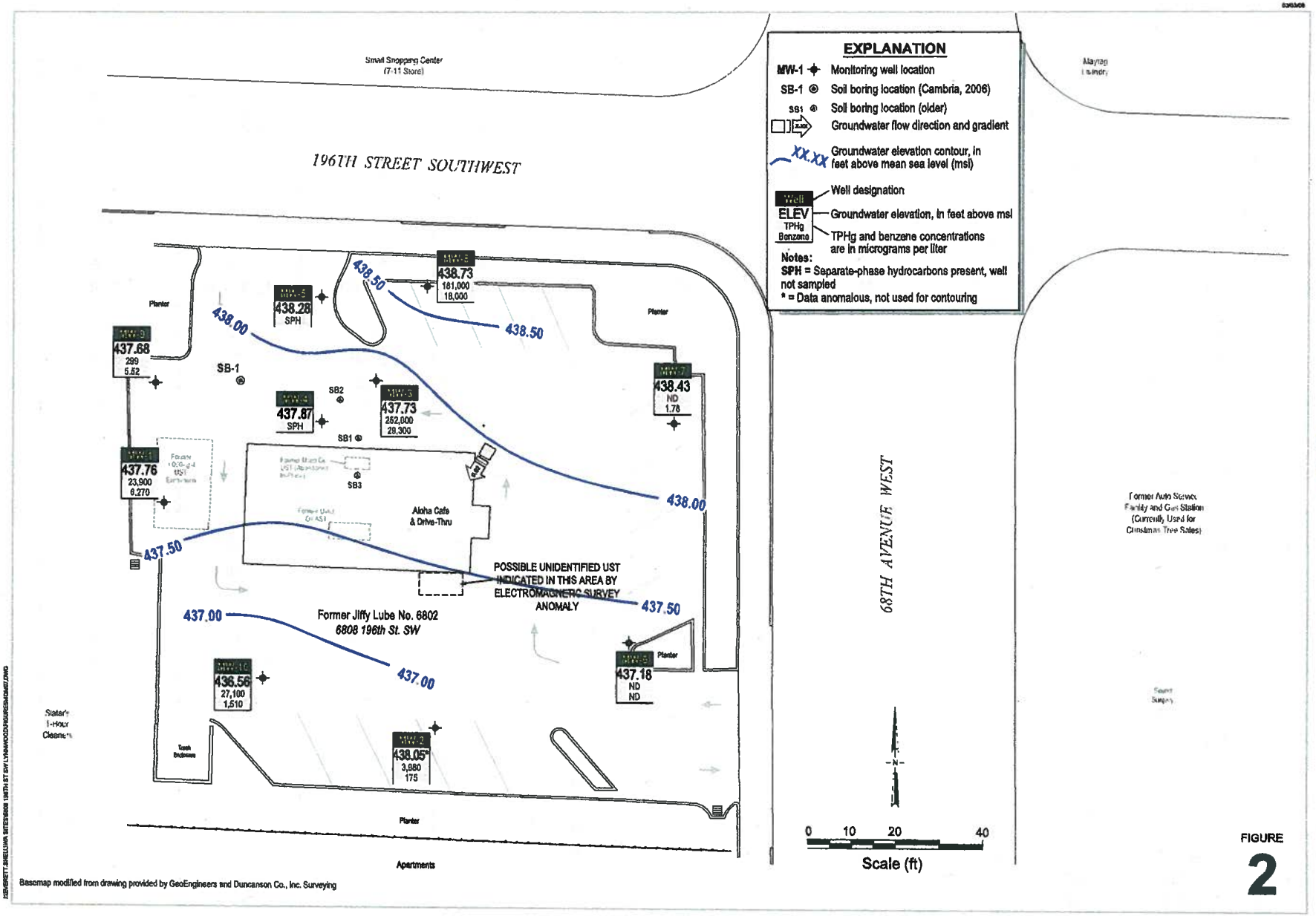
0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Jiffy Lube No. 2069
6808 196th Street Southwest
Lynnwood, Washington

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map



Groundwater Contour and Chemical Concentration Map
October 1, 2007

CONESTOGA-ROVERS & ASSOCIATES

Jiffy Lube No. 2068
6808 196th Street Southwest
Lynnwood, Washington

FIGURE
2

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
BETX, MTBE, AND PETROLEUM HYDROCARBONS
6808 196TH STREET SW
LYNNWOOD, WASHINGTON

Well Number	Date	TOC (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	SPH Thickness (feet)	B (µg/L)	E (µg/L)	T (µg/L)	X (µg/L)	Gasoline-range Hydrocarbons (µg/L)	Diesel Range Hydrocarbons (µg/L)	Heavy Oil Range Hydrocarbons (µg/L)	MTBE (µg/L)
MW-1	12/28/06	451.74	9.75	441.99	0.00	---	---	---	---	---	---	---	---
MW-1	12/29/06	451.74	9.57	442.17	0.00	9,190	1,090	2,140	4,100	42,100	<255	<510	---
MW-1	02/15/07	451.74	10.10	441.64	0.00	9,230	938	1,840	3,710	41,200	<269	<538	<5.00
MW-1	04/06/07	451.74	10.71	441.03	0.00	7,450	718	732	2,310	30,200	<258	<515	---
MW-1	07/09/07	451.74	10.78	440.96	0.00	---	---	---	---	---	---	---	---
MW-1	07/28/07	451.74	11.01	440.73	0.00	2,400	131	32.4	190	5,850	<258	<515	---
MW-1	**10/01/07**	**451.74**	**13.98**	**437.76**	**0.00**	**6,270**	**653**	**196**	**1,340**	**23,900**	**1,540 f,g**	**<105**	**---**
MW-2	12/28/06	450.59	7.26	443.33	0.00	---	---	---	---	---	---	---	---
MW-2	12/29/06	450.59	7.35	443.24	0.00	21.7	55.1	6.75	9.91	2,640	<253	<505	---
MW-2	02/15/07	450.59	8.03	442.56	0.00	2.06	4.36	<0.500	<1.00	249	<278	<556	<5.00
MW-2	04/06/07	450.59	8.50	442.09	0.00	1.83	2.61	0.518	<1.00	180	<258	<515	---
MW-2	07/09/07	450.59	8.62	441.97	0.00	---	---	---	---	---	---	---	---
MW-2	07/28/07	450.59	8.96	441.63	0.00	66.1	137	7.86	20.4	3,200	<255	<510	---
MW-2	**10/01/07**	**450.59**	**12.54**	**438.05**	**0.00**	**175**	**331**	**13.7**	**47.4**	**3,980**	**1,080 g,h**	**<105**	**---**
MW-3	12/28/06	451.69	8.45	443.24	0.00	---	---	---	---	---	---	---	---
MW-3	12/29/06	451.69	8.51	443.18	0.00	28,500	2,950	29,200	15,900	171,000	608	<510	---
MW-3	02/15/07	451.69	9.09	442.60	0.00	29,200	3,140	37,400	18,600	263,000 a, b	2,580 c	<2,750	<500
MW-3	04/06/07	451.69	9.66	442.03	0.00	26,600	2,850	37,500	16,800	214,000	867 c	<495	---
MW-3	07/09/07	451.69	9.81	441.88	0.00	---	---	---	---	---	---	---	---
MW-3	07/28/07	451.69	10.13	441.56	0.00	28,600	2,810	37,400	12,800	248,000	8,340 e	<5,050	---
MW-3	**10/01/07**	**451.69**	**13.96**	**437.73**	**0.00**	**29,300**	**3,260**	**35,200**	**19,300**	**252,000**	**185,000 g,h**	**<10,500**	**---**
MW-4	12/28/06	452.01	9.41	442.60	0.00	---	---	---	---	---	---	---	---
MW-4	12/29/06	452.01	9.36	442.65	0.00	32,400	3,200	39,700	18,800	207,000	1,810	<510	---
MW-4	02/15/07	452.01	9.96	442.05	0.00	31,500 a, b	2,990 a, b	40,500 a, b	18,100 a, b	253,000 a, b	72,100 c	<50,000	<500
MW-4	04/06/07	452.01	10.41	441.63 d	0.04	NOT SAMPLED - SPH PRESENT			---	---	---	---	---
MW-4	07/09/07	452.01	10.47	441.56 d	0.03	---	---	---	---	---	---	---	---
MW-4	07/28/07	452.01	10.81	441.23 d	0.04	NOT SAMPLED - SPH PRESENT			---	---	---	---	---
MW-4	**10/01/07**	**452.01**	**14.24**	**437.87 d**	**0.13**	**NOT SAMPLED - SPH PRESENT**			**---**	**---**	**---**	**---**	**---**
MW-4	**11/12/07**	**452.01**	**13.83**	**438.31 d**	**0.16**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
MW-4	**11/20/07**	**452.01**	**13.68**	**438.44 d**	**0.14**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
MW-4	**11/26/07**	**452.01**	**13.52**	**438.58 d**	**0.11**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
MW-4	**12/08/07**	**452.01**	**12.87**	**439.22 d**	**0.10**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
BETX, MTBE, AND PETROLEUM HYDROCARBONS
6808 196TH STREET SW
LYNNWOOD, WASHINGTON

Well Number	Date	TOC (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	SPH Thickness (feet)	B (µg/L)	E (µg/L)	T (µg/L)	X (µg/L)	Gasoline-range Hydrocarbons (µg/L)	Diesel Range Hydrocarbons (µg/L)	Heavy Oil Range Hydrocarbons (µg/L)	MTBE (µg/L)
MW-4	**12/14/08**	**452.01**	**12.41**	**439.66 d**	**0.07**	---	---	---	---	---	---	---	---
MW-4	**12/19/07**	**452.01**	**12.33**	**439.72 d**	**0.05**	---	---	---	---	---	---	---	---
MW-4	**12/28/07**	**452.01**	**12.24**	**439.80 d**	**0.04**	---	---	---	---	---	---	---	---
MW-5	12/28/06	451.38	8.11	443.27	---	---	---	---	---	---	---	---	---
MW-5	12/29/06	451.38	8.17	443.21	---	7,220	2,280	24,400	13,200	122,000	603	<515	---
MW-5	02/15/07	451.38	8.49	442.89	---	12,800 a, b	6,000 a, b	43,600 a, b	40,700 a, b	771,000 a, b	49,200 c	<5,000	<500
MW-5	04/06/07	451.38	9.08	442.32 d	0.03	NOT SAMPLED - SPH PRESENT			---	---	---	---	---
MW-5	07/09/07	451.38	9.19	442.21 d	0.03	---	---	---	---	---	---	---	---
MW-5	07/28/07	451.38	9.58	441.83 d	0.04	NOT SAMPLED - SPH PRESENT			---	---	---	---	---
MW-5	**10/01/07**	**451.38**	**13.16**	**438.28 d**	**0.08**	**NOT SAMPLED - SPH PRESENT**			---	---	---	---	---
MW-5	**11/12/07**	**451.38**	**12.74**	**438.69 d**	**0.06**	---	---	---	---	---	---	---	---
MW-5	**11/20/07**	**451.38**	**12.55**	**438.89 d**	**0.08**	---	---	---	---	---	---	---	---
MW-5	**11/26/07**	**451.38**	**12.48**	**438.95 d**	**0.06**	---	---	---	---	---	---	---	---
MW-5	**12/05/07**	**451.38**	**11.74**	**439.72 d**	**0.10**	---	---	---	---	---	---	---	---
MW-5	**12/14/07**	**451.38**	**11.53**	**439.90 d**	**0.06**	---	---	---	---	---	---	---	---
MW-5	**12/19/07**	**451.38**	**11.41**	**440.00 d**	**0.04**	---	---	---	---	---	---	---	---
MW-5	**12/28/07**	**451.38**	**11.29**	**440.12 d**	**0.04**	---	---	---	---	---	---	---	---
MW-6	07/09/07	449.40	8.33	441.07	0.00	---	---	---	---	---	---	---	---
MW-6	07/28/07	449.40	8.61	440.79	0.00	<0.500	<0.500	1.25	<1.00	52.4	<253	<505	---
MW-6	**10/01/07**	**449.40**	**12.22**	**437.18**	**0.00**	**<1.00**	**<1.00**	**<1.00**	**<3.00**	**<250**	**<105**	**<105**	**---**
MW-7	07/09/07	450.14	7.81	442.33	0.00	---	---	---	---	---	---	---	---
MW-7	07/28/07	450.14	8.03	442.11	0.00	<0.500	<0.500	<0.500	<1.00	<50.0	<253	<495	---
MW-7	**10/01/07**	**450.14**	**11.71**	**438.43**	**0.00**	**1.78**	**<1.00**	**<1.00**	**<3.00**	**<250**	**<111**	**<111**	**---**
MW-8	07/09/07	451.31	8.63	442.68	0.00	---	---	---	---	---	---	---	---
MW-8	07/28/07	451.31	8.97	442.34	0.00	20,500	3,550	43,600	23,000	266,000	8,580 e	<5,210	---
MW-8	**10/01/07**	**451.31**	**12.58**	**438.73**	**0.00**	**18,000**	**2,250**	**32,000**	**14,900**	**181,000**	**6,540 g, i**	**<1,110**	**---**
MW-9	07/09/07	451.75	10.83	440.92	0.00	---	---	---	---	---	---	---	---
MW-9	07/28/07	451.75	11.02	440.73	0.00	<0.500	<0.500	<0.500	<1.00	<50.0	<248	<495	---
MW-9	**10/01/07**	**451.75**	**14.07**	**437.68**	**0.00**	**5.52**	**<1.00**	**<1.00**	**<3.00**	**299**	**174 f,g**	**<111**	**---**

TABLE 1
SUMMARY OF GROUNDWATER MONITORING DATA
BETX, MTBE, AND PETROLEUM HYDROCARBONS
6808 196TH STREET SW
LYNNWOOD, WASHINGTON

Well Number	Date	TOC (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	SPH Thickness (feet)	B (µg/L)	E (µg/L)	T (µg/L)	X (µg/L)	Gasoline-range Hydrocarbons (µg/L)	Diesel Range Hydrocarbons (µg/L)	Heavy Oil Range Hydrocarbons (µg/L)	MTBE (µg/L)
MW-10	07/09/07	451.43	12.44	438.99	0.00	---	---	---	---	---	---	---	---
MW-10	07/28/07	451.43	12.77	438.66	0.00	299	237	179	615	6,570	307 c	<505	---
MW-10	**10/01/07**	**451.43**	**14.87**	**436.56**	**0.00**	**1,510**	**1,210**	**1,220**	**2,650**	**27,100**	**1,820 g,i**	**<556**	**---**
MTCA Method A Cleanup Level						**5**	**700**	**1,000**	**1,000**	**800**	**500**	**500**	**20**

Abbreviations and Notes:

Well locations are shown in Figure 2.
TOC = Top of Casing.
SPH = Separate Phase Hydrocarbons
Depth to water from top of well casing.
B = benzene, E = ethylbenzene, T = toluene, X = total xylenes. Analyzed using EPA Method 8021B.
Gasoline-range hydrocarbons analyzed using NWTPH-Gx.
Diesel and heavy-oil range hydrocarbons analyzed using NWTPH-Dx with acid/silica gel clean-up
MTBE = Methyl Tertiary butyl ether. By Method 8260B.
µg/L = micrograms per liter
MTCA = Model Toxics Control Act

a = Due to multiple re-shots required for re-analysis, the aliquot of sample analyzed on the instrument was taken from a VOA vial containing headspace.
b = Sample container contained headspace.
c = Results in the diesel organics range are primarily due to overlap from a gasoline-range product.
d = Groundwater elevation formula adjusted for the presence of SPH: (TOC - DTW)+ (SPHT*0.80)
e = Hydrocarbon pattern most closely resembles a blend of gasoline and diesel.
f = The primary contamination elutes between C8 and C28, which is in the diesel range.
g = The contamination did not match any standard in our library.
h = The primary contamination elutes between C8 and C14, which is in the mineral spirits range.
I = The primary contamination elutes between C8 and C16, which is in the kerosene range.

TABLE 2
SUMMARY OF GROUNDWATER MONITORING DATA
OXYGENATES
6808 196TH STREET SW
LYNNWOOD, WASHINGTON

Well Number	Date	TAME (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)
MW-1	02/15/07	<1.00	54.6	<1.00	<1.00
MW-2	02/15/07	<1.00	<50.0	<1.00	<1.00
MW-3	02/15/07	<100	<5,000	<100	<100
MW-4	02/15/07	<100	<5,000	<100	<100
MW-5	02/15/07	<100	<5,000	<100	<100

Abbreviations and Notes:

Well locations are shown in Figure 2.
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butanol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
µg/L = micrograms per liter

Attachment A

Blaine Tech Services, Inc.
Field Forms

LAB:

- ☒ TA - Seattle, Washington
- ☐ TA - Portland, Oregon
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other________

SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Carol Campagna

☒ ENVIRONMENTAL SERVICES ☐ NETWORK DEV / FE ☐ BILL CONSULTANT ☐ COMPLIANCE ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 6 0 5 4 1 0

PO #:

SAP or CRMT #:

DATE: 10/1/07

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE:

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Jason Brown

TELEPHONE: 916-925-2913 x102 FAX: 916-925-2891 E-MAIL: jbrown@blainetech.com

SITE ADDRESS: Street and City: 6808 196th Street SW, Lynnwood State: WA GLOBAL ID NO.: NA

EDF DELIVERABLE TO (Name, Company, Office Location): Justin Foslien, CRA, Seattle PHONE NO.: (425) 212-5111 E-MAIL: jfoslien@craworld.com

CONSULTANT PROJECT NO.: 071001-DK2

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

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: ____________

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☒ RECEIPT VERIFICATION REQUESTED

cc Brenda Carter [bcarter@craworld.com] on pdf report

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NW TPH-Dx w/silica gel clean up	NW TPH-Dx	NW TPH - Gx	BTEX (8021B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8011M)		Ethanol (8260B)	Methanol (8015M)	Ethanol+Methanol (8105M)	EPH	VPH			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes / TEMPERATURE ON RECEIPT C°
	MW-1	10/1	1055	W	5	X		X	X																	
	MW-2		1225			X		X	X																	
	MW-3		1050			X		X	X																	
	MW-6		1210			X		X	X																	
	MW-7		1135			X		X	X																	
	MW-8		1120			X		X	X																	
	MW-9		1150			X		X	X																	
	MW-10		1205			X		X	X																	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
D. Koskela			
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

Q&Q Graphic (714) 895-9702

05/02/06 Revision

Job Clearance Form

Station #: 97605410	Station Address: 6808 196th St. S.W. Lynnwood, WA	Work Order Number: 071001. TK 2	Date: 10/1/07
Contractor Company Name: Blaine Tech	Contractor person in charge (print name): D. Koskela	Number of Workers: 1	JSA Reference Number (if required):
Start Time: 1020	End Time: 1240	Labor:	Travel Time: / Travel Distance:
Problem/Work Description: Ground Water Monitoring			Return Call: yes / no Damage Claim: yes / no

- ☒ SAFETY VEST
- ☒ PROTECTIVE CLOTHING
- ☐ HARD HAT
- ☒ GLOVES
- ☒ SHOES & BOOTS
- ☒ SAFETY GLASSES/GOGGLES
- ☐ HEARING PROTECTION
- ☐ WELDING PPE
- ☐ RESPIRATOR
- ☐ OTHER ____________

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

Work documentation requirements	**Lower Risk** - no JSA required	**Medium Risk / Higher Risk tasks** - JSA required	**Higher Risk** - JSA required & appropriate checklist completed (see below)

Examples of Higher / Medium tasks

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

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

SIGN IN	Contractor representative name	Signature	SIGN OUT	Contractor signature
Operating sites: to be signed by the Site Representative Non-operating sites: to be signed by Contractor Representative only	D. Koskela	[signature]		[signature]
	Site representative name	Signature		Site representative name / Signature

GENERAL SAFETY CHECKS (Sign in)

- Have all site personnel been informed?
- Has fuel delivery service been informed?
- Is a fuel delivery due?
- Have isolation procedures been agreed - lock out/tag out?
- Are work areas cordoned off to protect workers, site staff & public?
- Other

GENERAL SAFETY CHECKS (Sign out)

- Has the work area been left tidy and safe?
- Are site personnel aware of status of work including remaining isolation?
- Are changes to equipment documented and communicated?
- All incidents, near incidents, unsafe situations reported?
- Other

PARTS - Ordered, Replaced and/or Disposed Of (include model and serial no as appropriate)

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

This form covers important reminders and is not intended to relieve the contractor from safely performing the work in compliance with all applicable laws and regulations.
The Site Representative may require the contractor to stop work if it appears that the contractor or any of its workers are failing to comply with the requirements in the applicable items of this form or other applicable safety requirements.

WELLHEAD INSPECTION FORM

Client: Shell Site: 6808 196th St. S.W. Lynnwood Date 10/1/07

Job #: 07B001.DL2 Technician: D. Koslela Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Check Indicates deficiency: Cap non-functional	Lock non-functional	Lock missing	Bolts missing (list qty.)	Tabs stripped (list qty.)	Tabs broken (list qty.)	Annular seal incomplete	Apron damaged	Rim / Lid broken	Trip Hazard	Below Grade	Other (explain in notes)	Well Not Inspected (explain in notes)	Notes (list if cap or lock replaced, if there are access issues associated with repairs, if traffic control is required, if stand pipe damaged, or any specific details not covered by checklist)
MW-1	X														
MW-2	X														
MW-3	X														
MW-4	X														
MW-5	X														
MW-6	X														
MW-7	X														
MW-8	X														
MW-9	X														
MW-10	X														

Notes: _____

WELL GAUGING DATA

Project # 071001-DU2 Date 10/1/07 Client Shell

Site 6808 196th St. S.W. Lynnwood, WA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1032	2					13.98	24.85	TOC	
MW-2	1222	2					12.54	17.40		
MW-3	1047	2	Sheen Odor				13.96	17.35		
MW-4	1209	2	Odor	14.11	0.13		14.24	—		
MW-5	1216	2	Odor	13.08	0.08		13.16	—		
MW-6	1102	2					12.22	19.45		
MW-7	1132	2					11.71	19.55		
MW-8	1117	2	Sheen Odor				12.58	19.20		
MW-9	1147	2					14.07	19.95		
MW-10	1202	2					14.87	20.05		

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SM2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.85	Depth to Water (DTW): 13.98
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1034	61.2	6.6	580	12	—	

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

Sampling Date: 10/1/07 Sampling Time: 1035 Depth to Water: —

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SM2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 17.40	Depth to Water (DTW): 12.54
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1224	61.6	6.3	2666	7	—	

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

Sampling Date: 10/1/07 Sampling Time: 1225 Depth to Water: —

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 070001-SM2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 17.35	Depth to Water (DTW): 13.96
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1049	61.1	7.10	430	24	—	Odor / Sheen

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

Sampling Date: 10/1/07 Sampling Time: 1050 Depth to Water: —

Sample I.D.: MW-3 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SW2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 14.24
Depth to Free Product: 14.11	Thickness of Free Product (feet): 0.13
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	* SPH		Detected		—	
			No Sample Taken			

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

Sampling Date: 10/1/07 Sampling Time: Depth to Water: —

Sample I.D.: MW-4 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SM2	Site: 9760540
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): 13.16
Depth to Free Product: 13.08	Thickness of Free Product (feet): 0.08
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	*	SPH	Detected		—	
		DO	Sample	Taken		

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

Sampling Date: 10/1/07 Sampling Time: Depth to Water: —

Sample I.D.: MW-5 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SM2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.45	Depth to Water (DTW): 12.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1104	61.4	7.0	6616	6	—	

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

Sampling Date: 10/1/07 Sampling Time: 1105 Depth to Water: —

Sample I.D.: MW-6 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 07001-SW2	Site: 97605410
Sampler: D. Koskela	Date: 10/1/07
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.55	Depth to Water (DTW): 11.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1134	61.8	6.7	437	14	—	

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

Sampling Date: 10/1/07 Sampling Time: 1135 Depth to Water: —

Sample I.D.: MW-7 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-DU2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 19.20	Depth to Water (DTW): 12.58
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1119	60.7	6.7	588	17	—	

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

Sampling Date: 10/1/07 Sampling Time: 1120 Depth to Water: —

Sample I.D.: MW-8 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SM2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 19.95	Depth to Water (DTW): 14.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1149	62.0	6.16	580	12	—	

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

Sampling Date: 10/1/07 Sampling Time: 1150 Depth to Water: —

Sample I.D.: MW-9 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

SHELL WELL MONITORING DATA SHEET

BTS #: 071001-SW2	Site: 97605410
Sampler: D. Koshela	Date: 10/1/07
Well I.D.: MW-10	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 20.05	Depth to Water (DTW): 14.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1204	66.4	7.0	433	22	—	

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

Sampling Date: 10/1/07 Sampling Time: 1205 Depth to Water: —

Sample I.D.: MW-10 Laboratory: STL SPL Other TA

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxy's 1,2-DCA EDB Other:

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

Attachment B

Laboratory Analysis Report

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 18, 2007 12:39:52PM

Client: Conestoga-Rovers & Asso. (Everett)/ Shell
1420 80th Street SW, Suite A
Everett, WA 98203
Attn: Justin Foslien

Work Order: NQJ0528
Project Name: 6808 196th Street SW, Lynwood, WA
Project Nbr: SAP 171152 /071001.DU2
P/O Nbr: 97605410
Date Received: 10/04/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NQJ0528-01	10/01/07 10:35
MW-2	NQJ0528-02	10/01/07 12:25
MW-3	NQJ0528-03	10/01/07 10:50
MW-6	NQJ0528-04	10/01/07 12:10
MW-7	NQJ0528-05	10/01/07 11:35
MW-8	NQJ0528-06	10/01/07 11:20
MW-9	NQJ0528-07	10/01/07 11:50
MW-10	NQJ0528-08	10/01/07 12:05

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

Additional Laboratory Comments:
There will be further explanation of pertinent data qualifiers and definitions at the end of this report.
Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).
Washington Certification Number: C1712

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:

Dorothy Roberts

Project Management

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQJ0528-01RE1 (MW-1 - Water) Sampled: 10/01/07 10:35								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**6270**		ug/L	20.0	20	10/13/07 19:58	SW846 8021B	7102505
Ethylbenzene	**653**		ug/L	20.0	20	10/13/07 19:58	SW846 8021B	7102505
Toluene	**196**		ug/L	20.0	20	10/13/07 19:58	SW846 8021B	7102505
Xylenes, total	**1340**		ug/L	60.0	20	10/13/07 19:58	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*99 %*					*10/13/07 19:58*	*SW846 8021B*	*7102505*
Extractable Petroleum Hydrocarbons								
Diesel	**1540**	QP2, QP6, QSC	ug/L	105	1	10/09/07 13:22	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	105	1	10/09/07 13:22	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*89 %*					*10/09/07 13:22*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**23900**		ug/L	5000	20	10/13/07 19:58	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*99 %*					*10/13/07 19:58*	*NWTPH-Gx*	*7102505*
Sample ID: NQJ0528-02 (MW-2 - Water) Sampled: 10/01/07 12:25								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**175**		ug/L	1.00	1	10/12/07 19:38	SW846 8021B	7102518
Ethylbenzene	**331**		ug/L	5.00	5	10/15/07 16:34	SW846 8021B	7102753
Toluene	**13.7**		ug/L	1.00	1	10/12/07 19:38	SW846 8021B	7102518
Xylenes, total	**47.4**		ug/L	3.00	1	10/12/07 19:38	SW846 8021B	7102518
Surr: a,a,a-Trifluorotoluene (46-150%)	*83 %*					*10/12/07 19:38*	*SW846 8021B*	*7102518*
Surr: a,a,a-Trifluorotoluene (46-150%)	*81 %*					*10/15/07 16:34*	*SW846 8021B*	*7102753*
Extractable Petroleum Hydrocarbons								
Diesel	**1080**	QP4, QP6, QSC	ug/L	105	1	10/09/07 13:39	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	105	1	10/09/07 13:39	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*76 %*					*10/09/07 13:39*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**3980**		ug/L	1250	5	10/15/07 16:34	NWTPH-Gx	7102753
Surr: a,a,a-Trifluorotoluene (50-150%)	*81 %*					*10/15/07 16:34*	*NWTPH-Gx*	*7102753*
Sample ID: NQJ0528-03RE1 (MW-3 - Water) Sampled: 10/01/07 10:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**29300**		ug/L	100	100	10/13/07 21:01	SW846 8021B	7102505
Ethylbenzene	**3260**		ug/L	100	100	10/13/07 21:01	SW846 8021B	7102505
Toluene	**35200**		ug/L	250	250	10/14/07 22:00	SW846 8021B	7102748
Xylenes, total	**19300**		ug/L	300	100	10/13/07 21:01	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*115 %*					*10/13/07 21:01*	*SW846 8021B*	*7102505*
Surr: a,a,a-Trifluorotoluene (46-150%)	*84 %*					*10/14/07 22:00*	*SW846 8021B*	*7102748*
Extractable Petroleum Hydrocarbons								
Diesel	**185000**	QP4, QP6, QSC	ug/L	10500	100	10/10/07 11:32	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	10500	100	10/10/07 11:32	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*	*Z3*				*10/10/07 11:32*	*NWTPH-Dx*	*7101269*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQJ0528-03RE1 (MW-3 - Water) - cont. Sampled: 10/01/07 10;50								
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**252000**		ug/L	25000	100	10/13/07 21:01	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*115 %*					*10/13/07 21:01*	*NWTPH-Gx*	*7102505*
Sample ID: NQJ0528-04 (MW-6 - Water) Sampled: 10/01/07 12:10								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	10/12/07 20:12	SW846 8021B	7102518
Ethylbenzene	ND		ug/L	1.00	1	10/12/07 20:12	SW846 8021B	7102518
Toluene	ND		ug/L	1.00	1	10/12/07 20:12	SW846 8021B	7102518
Xylenes, total	ND		ug/L	3.00	1	10/12/07 20:12	SW846 8021B	7102518
Surr: a,a,a-Trifluorotoluene (46-150%)	*72 %*					*10/12/07 20:12*	*SW846 8021B*	*7102518*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	ug/L	105	1	10/10/07 09:18	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	105	1	10/10/07 09:18	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*74 %*					*10/10/07 09:18*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		ug/L	250	1	10/12/07 20:12	NWTPH-Gx	7102518
Surr: a,a,a-Trifluorotoluene (50-150%)	*72 %*					*10/12/07 20:12*	*NWTPH-Gx*	*7102518*
Sample ID: NQJ0528-05RE1 (MW-7 - Water) Sampled: 10/01/07 11:35								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1.78**		ug/L	1.00	1	10/13/07 19:26	SW846 8021B	7102505
Ethylbenzene	ND		ug/L	1.00	1	10/13/07 19:26	SW846 8021B	7102505
Toluene	ND		ug/L	1.00	1	10/13/07 19:26	SW846 8021B	7102505
Xylenes, total	ND		ug/L	3.00	1	10/13/07 19:26	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*89 %*					*10/13/07 19:26*	*SW846 8021B*	*7102505*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	ug/L	111	1	10/09/07 14:30	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	111	1	10/09/07 14:30	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*78 %*					*10/09/07 14:30*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		ug/L	250	1	10/13/07 19:26	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*89 %*					*10/13/07 19:26*	*NWTPH-Gx*	*7102505*
Sample ID: NQJ0528-06RE1 (MW-8 - Water) Sampled: 10/01/07 11:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**18000**		ug/L	100	100	10/13/07 21:33	SW846 8021B	7102505
Ethylbenzene	**2250**		ug/L	100	100	10/13/07 21:33	SW846 8021B	7102505
Toluene	**32000**		ug/L	100	100	10/13/07 21:33	SW846 8021B	7102505
Xylenes, total	**14900**		ug/L	300	100	10/13/07 21:33	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*108 %*					*10/13/07 21:33*	*SW846 8021B*	*7102505*
Extractable Petroleum Hydrocarbons								
Diesel	**6540**	)P3, QP6, QSC	ug/L	1110	10	10/10/07 10:08	NWTPH-Dx	7101269

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQJ0528-06RE1 (MW-8 - Water) - cont. Sampled: 10/01/07 11:20								
Extractable Petroleum Hydrocarbons - cont.								
Motor Oil	ND	QSG	ug/L	1110	10	10/10/07 10:08	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*	*Z3*				*10/10/07 10:08*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**181000**		ug/L	25000	100	10/13/07 21:33	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*108 %*					*10/13/07 21:33*	*NWTPH-Gx*	*7102505*
Sample ID: NQJ0528-07RE1 (MW-9 - Water) Sampled: 10/01/07 11:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**5.52**		ug/L	1.00	1	10/13/07 18:46	SW846 8021B	7102505
Ethylbenzene	ND		ug/L	1.00	1	10/13/07 18:46	SW846 8021B	7102505
Toluene	ND		ug/L	1.00	1	10/13/07 18:46	SW846 8021B	7102505
Xylenes, total	ND		ug/L	3.00	1	10/13/07 18:46	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*91 %*					*10/13/07 18:46*	*SW846 8021B*	*7102505*
Extractable Petroleum Hydrocarbons								
Diesel	**174**	QP2, QP6, QSC	ug/L	111	1	10/10/07 14:23	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	111	1	10/10/07 14:23	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*75 %*					*10/10/07 14:23*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**299**		ug/L	250	1	10/13/07 18:46	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*91 %*					*10/13/07 18:46*	*NWTPH-Gx*	*7102505*
Sample ID: NQJ0528-08RE1 (MW-10 - Water) Sampled: 10/01/07 12:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1510**		ug/L	50.0	50	10/13/07 20:29	SW846 8021B	7102505
Ethylbenzene	**1210**		ug/L	50.0	50	10/13/07 20:29	SW846 8021B	7102505
Toluene	**1220**		ug/L	50.0	50	10/13/07 20:29	SW846 8021B	7102505
Xylenes, total	**2650**		ug/L	150	50	10/13/07 20:29	SW846 8021B	7102505
Surr: a,a,a-Trifluorotoluene (46-150%)	*90 %*					*10/13/07 20:29*	*SW846 8021B*	*7102505*
Extractable Petroleum Hydrocarbons								
Diesel	**1820**	QP3, QP6, QSC	ug/L	556	5	10/10/07 10:25	NWTPH-Dx	7101269
Motor Oil	ND	QSG	ug/L	556	5	10/10/07 10:25	NWTPH-Dx	7101269
Surr: o-Terphenyl (50-150%)	*62 %*					*10/10/07 10:25*	*NWTPH-Dx*	*7101269*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**27100**		ug/L	12500	50	10/13/07 20:29	NWTPH-Gx	7102505
Surr: a,a,a-Trifluorotoluene (50-150%)	*90 %*					*10/13/07 20:29*	*NWTPH-Gx*	*7102505*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7101269	NQJ0528-01	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-02	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-03	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-03RE1	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-03RE2	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-04	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-04RE1	950.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-05	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-06	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-06RE1	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-07	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-07RE1	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-08	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C
NWTPH-Dx	7101269	NQJ0528-08RE1	900.00	1.00	10/06/07 09:25	BJM	EPA 3510C

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7102505-BLK1						
Benzene	<0.610		ug/L	7102505	7102505-BLK1	10/13/07 16:01
Ethylbenzene	<0.460		ug/L	7102505	7102505-BLK1	10/13/07 16:01
Toluene	<0.600		ug/L	7102505	7102505-BLK1	10/13/07 16:01
Xylenes, total	<0.840		ug/L	7102505	7102505-BLK1	10/13/07 16:01
Surrogate: a,a,a-Trifluorotoluene	89%			7102505	7102505-BLK1	10/13/07 16:01
7102505-BLK2						
Benzene	<0.610		ug/L	7102505	7102505-BLK2	10/13/07 22:36
Ethylbenzene	<0.460		ug/L	7102505	7102505-BLK2	10/13/07 22:36
Toluene	<0.600		ug/L	7102505	7102505-BLK2	10/13/07 22:36
Xylenes, total	<0.840		ug/L	7102505	7102505-BLK2	10/13/07 22:36
Surrogate: a,a,a-Trifluorotoluene	87%			7102505	7102505-BLK2	10/13/07 22:36
7102518-BLK1						
Benzene	<0.610		ug/L	7102518	7102518-BLK1	10/12/07 19:03
Ethylbenzene	<0.460		ug/L	7102518	7102518-BLK1	10/12/07 19:03
Toluene	<0.600		ug/L	7102518	7102518-BLK1	10/12/07 19:03
Xylenes, total	<0.840		ug/L	7102518	7102518-BLK1	10/12/07 19:03
Surrogate: a,a,a-Trifluorotoluene	75%			7102518	7102518-BLK1	10/12/07 19:03
7102748-BLK1						
Benzene	<0.610		ug/L	7102748	7102748-BLK1	10/14/07 16:50
Ethylbenzene	<0.460		ug/L	7102748	7102748-BLK1	10/14/07 16:50
Toluene	<0.600		ug/L	7102748	7102748-BLK1	10/14/07 16:50
Xylenes, total	<0.840		ug/L	7102748	7102748-BLK1	10/14/07 16:50
Surrogate: a,a,a-Trifluorotoluene	77%			7102748	7102748-BLK1	10/14/07 16:50
7102748-BLK2						
Benzene	<0.610		ug/L	7102748	7102748-BLK2	10/14/07 23:43
Ethylbenzene	<0.460		ug/L	7102748	7102748-BLK2	10/14/07 23:43
Toluene	<0.600		ug/L	7102748	7102748-BLK2	10/14/07 23:43
Xylenes, total	<0.840		ug/L	7102748	7102748-BLK2	10/14/07 23:43
Surrogate: a,a,a-Trifluorotoluene	73%			7102748	7102748-BLK2	10/14/07 23:43
7102753-BLK1						
Benzene	<0.610		ug/L	7102753	7102753-BLK1	10/15/07 15:20
Ethylbenzene	<0.460		ug/L	7102753	7102753-BLK1	10/15/07 15:20
Toluene	<0.600		ug/L	7102753	7102753-BLK1	10/15/07 15:20
Xylenes, total	<0.840		ug/L	7102753	7102753-BLK1	10/15/07 15:20
Surrogate: a,a,a-Trifluorotoluene	75%			7102753	7102753-BLK1	10/15/07 15:20
Extractable Petroleum Hydrocarbons						

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Extractable Petroleum Hydrocarbons						
7101269-BLK1						
Diesel	<20.0		ug/L	7101269	7101269-BLK1	10/09/07 12:49
Motor Oil	<20.0		ug/L	7101269	7101269-BLK1	10/09/07 12:49
Surrogate: o-Terphenyl	72%			7101269	7101269-BLK1	10/09/07 12:49
Purgeable Petroleum Hydrocarbons						
7102505-BLK1						
GRO (C4-C12) NW	71.6		ug/L	7102505	7102505-BLK1	10/13/07 16:01
Surrogate: a,a,a-Trifluorotoluene	89%			7102505	7102505-BLK1	10/13/07 16:01
7102505-BLK2						
GRO (C4-C12) NW	73.0		ug/L	7102505	7102505-BLK2	10/13/07 22:36
Surrogate: a,a,a-Trifluorotoluene	87%			7102505	7102505-BLK2	10/13/07 22:36
7102518-BLK1						
GRO (C4-C12) NW	<43.0		ug/L	7102518	7102518-BLK1	10/12/07 19:03
Surrogate: a,a,a-Trifluorotoluene	75%			7102518	7102518-BLK1	10/12/07 19:03
7102753-BLK1						
GRO (C4-C12) NW	<43.0		ug/L	7102753	7102753-BLK1	10/15/07 15:20
Surrogate: a,a,a-Trifluorotoluene	75%			7102753	7102753-BLK1	10/15/07 15:20

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7102505-BS1								
Benzene	100	97.1		ug/L	97%	74 - 120	7102505	10/14/07 08:33
Ethylbenzene	100	101		ug/L	101%	73 - 120	7102505	10/14/07 08:33
Toluene	100	96.9		ug/L	97%	74 - 120	7102505	10/14/07 08:33
Xylenes, total	300	290		ug/L	97%	67 - 120	7102505	10/14/07 08:33
Surrogate: a,a,a-Trifluorotoluene	30.0	27.9			93%	46 - 150	7102505	10/14/07 08:33
7102518-BS1								
Benzene	100	92.8		ug/L	93%	74 - 120	7102518	10/13/07 01:57
Ethylbenzene	100	90.0		ug/L	90%	73 - 120	7102518	10/13/07 01:57
Toluene	100	92.3		ug/L	92%	74 - 120	7102518	10/13/07 01:57
Xylenes, total	200	180		ug/L	90%	67 - 120	7102518	10/13/07 01:57
Surrogate: a,a,a-Trifluorotoluene	30.0	23.7			79%	46 - 150	7102518	10/13/07 01:57
7102753-BS1								
Benzene	100	89.5		ug/L	90%	74 - 120	7102753	10/16/07 05:47
Ethylbenzene	100	86.3		ug/L	86%	73 - 120	7102753	10/16/07 05:47
Toluene	100	88.8		ug/L	89%	74 - 120	7102753	10/16/07 05:47
Xylenes, total	200	173		ug/L	86%	67 - 120	7102753	10/16/07 05:47
Surrogate: a,a,a-Trifluorotoluene	30.0	23.3			78%	46 - 150	7102753	10/16/07 05:47
Extractable Petroleum Hydrocarbons								
7101269-BS1								
Diesel	1000	899		ug/L	90%	36 - 124	7101269	10/09/07 13:05
Surrogate: o-Terphenyl	20.0	12.1			60%	50 - 150	7101269	10/09/07 13:05
Purgeable Petroleum Hydrocarbons								
7102505-BS2								
GRO (C4-C12) NW	1000	869		ug/L	87%	67 - 124	7102505	10/14/07 09:36
Surrogate: a,a,a-Trifluorotoluene	30.0	38.0			127%	50 - 150	7102505	10/14/07 09:36
7102518-BS2								
GRO (C4-C12) NW	1000	787		ug/L	79%	67 - 124	7102518	10/13/07 03:06
Surrogate: a,a,a-Trifluorotoluene	30.0	21.5			72%	50 - 150	7102518	10/13/07 03:06
7102753-BS2								
GRO (C4-C12) NW	1000	807		ug/L	81%	67 - 124	7102753	10/16/07 06:21
Surrogate: a,a,a-Trifluorotoluene	30.0	26.6			89%	50 - 150	7102753	10/16/07 06:21

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7102505-BSD1												
Benzene		101		ug/L	100	101%	74 - 120	4	39	7102505		10/14/07 09:04
Ethylbenzene		108		ug/L	100	108%	73 - 120	6	37	7102505		10/14/07 09:04
Toluene		102		ug/L	100	102%	74 - 120	6	30	7102505		10/14/07 09:04
Xylenes, total		307		ug/L	300	102%	67 - 120	6	38	7102505		10/14/07 09:04
Surrogate: a,a,a-Trifluorotoluene		28.3		ug/L	30.0	94%	46 - 150			7102505		10/14/07 09:04
7102518-BSD1												
Benzene		91.0		ug/L	100	91%	74 - 120	2	39	7102518		10/13/07 02:32
Ethylbenzene		88.1		ug/L	100	88%	73 - 120	2	37	7102518		10/13/07 02:32
Toluene		90.4		ug/L	100	90%	74 - 120	2	30	7102518		10/13/07 02:32
Xylenes, total		177		ug/L	200	89%	67 - 120	2	38	7102518		10/13/07 02:32
Surrogate: a,a,a-Trifluorotoluene		24.3		ug/L	30.0	81%	46 - 150			7102518		10/13/07 02:32
Purgeable Petroleum Hydrocarbons												
7102505-BSD2												
GRO (C4-C12) NW		952		ug/L	1000	95%	67 - 124	9	35	7102505		10/14/07 10:08
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	50 - 150			7102505		10/14/07 10:08
7102518-BSD2												
GRO (C4-C12) NW		776		ug/L	1000	78%	67 - 124	1	35	7102518		10/13/07 03:41
Surrogate: a,a,a-Trifluorotoluene		21.5		ug/L	30.0	72%	50 - 150			7102518		10/13/07 03:41

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7102518-MS1										
Benzene	ND	50.2		ug/L	50.0	100%	48 - 158	7102518	NQJ0528-04	10/15/07 17:08
Ethylbenzene	ND	48.4		ug/L	50.0	97%	52 - 151	7102518	NQJ0528-04	10/15/07 17:08
Toluene	ND	50.5		ug/L	50.0	101%	53 - 147	7102518	NQJ0528-04	10/15/07 17:08
Xylenes, total	ND	97.5		ug/L	100	98%	52 - 143	7102518	NQJ0528-04	10/15/07 17:08
Surrogate: a,a,a-Trifluorotoluene		23.1		ug/L	30.0	77%	46 - 150	7102518	NQJ0528-04	10/15/07 17:08

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7102518-MSD1												
Benzene	ND	45.6		ug/L	50.0	91%	48 - 158	10	39	7102518	NQJ0528-04	10/15/07 17:43
Ethylbenzene	ND	44.0		ug/L	50.0	88%	52 - 151	10	37	7102518	NQJ0528-04	10/15/07 17:43
Toluene	ND	45.9		ug/L	50.0	92%	53 - 147	9	30	7102518	NQJ0528-04	10/15/07 17:43
Xylenes, total	ND	88.6		ug/L	100	89%	52 - 143	10	38	7102518	NQJ0528-04	10/15/07 17:43
Surrogate: a,a,a-Trifluorotoluene		24.1		ug/L	30.0	80%	46 - 150			7102518	NQJ0528-04	10/15/07 17:43

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Water	N/A	X	X
NWTPH-Gx	Water	N/A	X	X
SW846 8021B	Water	N/A	X	X

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

Client	Conestoga-Rovers & Asso. (Everett)/ Shell	Work Order:	NQJ0528
	1420 80th Street SW, Suite A	Project Name:	6808 196th Street SW, Lynwood, WA
	Everett, WA 98203	Project Number:	SAP 171152 /071001.DU2
Attn	Justin Foslien	Received:	10/04/07 07:50

DATA QUALIFIERS AND DEFINITIONS

QP2	The primary contamination elutes between C8 and C28, which is in the diesel fuel range.
QP3	The primary contamination elutes between C8 and C16, which is in the kerosene range.
QP4	The primary contamination elutes between C8 and C14, which is in the mineral spirits range.
QP6	The contamination did not match any standards in our library.
QSG	Silica Gel clean-up performed on extracts.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT I

NQJ0528

Cooler Received/Opened On_10/04/07 @ 07:50_

1. Tracking #_9249_____(last 4 digits, FedEx)

Courier: ___Fed-Ex___ IR Gun ID_A00466__

2. Temperature of rep. sample or temp blank when opened:_4.6_ *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

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

If yes, how many and where:_____

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

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

I certify that I opened the cooler and answered questions 1-6 (intial) _____

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

Were these signed and dated correctly? YES..NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? YES..NO...NA

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

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

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

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

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

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

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 9/6/07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 10/04/07 @ 07:50

1. Tracking # 5509 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

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

If yes, how many and where:

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

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) KM

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

Were these signed and dated correctly? YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? YES NO NA

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

14. Was there a Trip Blank in this cooler? YES NO NA 10/5/07 If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) JR

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

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

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

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) JR

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) JR

I certify that I attached a label with the unique LIMS number to each container (intial) JR

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

BIS = Broken in shipment
Cooler Receipt Form.doc

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 10/04/07 @ 07:50

1. Tracking # 4227 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 1.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

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

If yes, how many and where:

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

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

I certify that I opened the cooler and answered questions 1-6 (intial) JR

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

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

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

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

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

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

13a. Were VOA vials received? YES...NO...NA

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

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) JR

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

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

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

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

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) JR

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

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

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

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

I certify that I entered this project into LIMS and answered questions 17-20 (intial) JR

I certify that I attached a label with the unique LIMS number to each container (intial) JR

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

SHELL Chain Of Custody Record

LAB:
- ☐ TA - Seattle, Washington
- ☐ TA - Portland, Oregon
- ☐ TA - Sacramento, California
- ☐ TA - Nashville, Tennessee
- ☐ Calscience
- ☐ Other

NAME OF PERSON TO BILL: Carol Campagna

- ☑ ENVIRONMENTAL SERVICES
- ☐ NETWORK DEV / FE
- ☐ COMPLIANCE
- ☐ BILL CONSULTANT
- ☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY): 9 7 6 0 5 4 1 0

PO #:

SAP or CRMT #:

DATE: 10/1/07

PAGE: 1 of 1

SITE ADDRESS: Street and City: 6808 196th Street SW, Lynnwood

State: WA

GLOBAL ID NO.: NA

EDF DELIVERABLE TO (Name, Company, Office Location): Justin Foslien, CRA, Seattle

PHONE NO.: (425) 212-5111

E-MAIL: jfoslien@craworld.com

CONSULTANT PROJECT NO.: 071001-002

SAMPLING COMPANY: Blaine Tech Services

LOG CODE:

ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Jason Brown

FAX: 916-928-2891

E-MAIL: jbrown@blainetech.com

TELEPHONE: 916-925-2913 x102

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

LAB USE ONLY

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

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

NQJ0528
10/18/07 23:59

cc Brenda Carter [blcarter@craworld.com] on pdf report

☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☑ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NW TPH-Dx w/silica gel clean up	NW TPH-Dx	NW TPH - Gx	BTEX (8021B)	5 Oxygenates (8260B) (MTBE, TBA, DIPE, TAME, ETBE)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8011M)	Ethanol (8260B)	[illegible]	Methanol (8015M)
	MW-1	10/1	1055	W	6	X		X	X	NQJ 0528-1				1						
	MW-2		1225			X		X	X					2						
	MW-3		1050			X		X	X					3						
	MW-6		1210			X		X	X					4						
	MW-7		1135			X		X	X					5						
	MW-8		1120			X		X	X					6						
	MW-9		1150			X		X	X					7						
	MW-10		1205			X		X	X					8						

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

1 Amber for 1 of these projects was dropped by our courier but he never noted what sample. If you are 1 amber short then that would be the one.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] @Lab 1700 w/o 3.3°C	10/2/07	1250
[signature]	[signature]	Date:	Time:
[signature]	[signature] 10/4/07 0750 4.6°C	Date:	Time:

05/02/06 Revision

Q&D Graphic (714) [illegible]