Appendix B

Data 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

June 27, 2006

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 05/23/06 11:35. The following list is a summary of the Work Orders contained in this report, generated on 06/27/06 17:10.

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

Work Order	Project	ProjectNumber
BPE0769	BNSF-Skykomish	BN050-16423

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1A-W-1-0506	BPE0769-01	Water	05/22/06 10:25	05/23/06 11:35
MW-11-0506	BPE0769-02	Water	05/22/06 13:10	05/23/06 11:35
MW-28-0506	BPE0769-03	Water	05/22/06 10:25	05/23/06 11:35
1A-W-3-0506	BPE0769-04	Water	05/22/06 15:00	05/23/06 11:35
2A-W-3-0506	BPE0769-05	Water	05/22/06 15:20	05/23/06 11:35
2A-W-4-0506	BPE0769-06	Water	05/22/06 15:55	05/23/06 11:35
MW-7-0506	BPE0769-07	Water	05/22/06 16:10	05/23/06 11:35
MW-6-0506	BPE0769-08	Water	05/22/06 17:10	05/23/06 11:35
1A-W-30-0506	BPE0769-09	Water	05/22/06 15:30	05/23/06 11:35
MW-15-0506	BPE0769-10	Water	05/22/06 17:12	05/23/06 11:35
1A-W-4-0506	BPE0769-11	Water	05/22/06 15:50	05/23/06 11:35
1B-W-3-0506	BPE0769-12	Water	05/22/06 17:10	05/23/06 11:35
1C-W-2-0506	BPE0769-13	Water	05/22/06 17:55	05/23/06 11:35

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Analytical Case Narrative

TestAmerica - Seattle, WA

BPE0769

SAMPLE RECEIPT

Samples were received May 23rd, 2006 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 6.3 degrees Celsius. No anomalies were associated with sample receipt and check-in.

PREPARATIONS AND ANALYSIS

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up): No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Total Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Dissolved Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Polynuclear Aromatic Compounds by GC/MS-SIM & High Volume Injection: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-01 (1A-W-1-0506)			**Water**			**Sampled: 05/22/06 10:25**				
Diesel Range Hydrocarbons	NWTPH-Dx	**0.576**	-----	0.238	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 16:52	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.6%*			*50 - 150 %*	"		"	
Octacosane			*99.6%*			*50 - 150 %*	"		"	
BPE0769-02 (MW-11-0506)			**Water**			**Sampled: 05/22/06 13:10**				
Diesel Range Hydrocarbons	NWTPH-Dx	**1.38**	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 17:20	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*101%*			*50 - 150 %*	"		"	
Octacosane			*97.9%*			*50 - 150 %*	"		"	
BPE0769-03 (MW-28-0506)			**Water**			**Sampled: 05/22/06 10:25**				
Diesel Range Hydrocarbons	NWTPH-Dx	**2.42**	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 17:35	**D-15**
Lube Oil Range Hydrocarbons	"	**1.64**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*98.7%*			*50 - 150 %*	"		"	
Octacosane			*106%*			*50 - 150 %*	"		"	
BPE0769-04 (1A-W-3-0506)			**Water**			**Sampled: 05/22/06 15:00**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 18:05	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*83.2%*			*50 - 150 %*	"		"	
Octacosane			*98.3%*			*50 - 150 %*	"		"	
BPE0769-05 (2A-W-3-0506)			**Water**			**Sampled: 05/22/06 15:20**				
Diesel Range Hydrocarbons	NWTPH-Dx	**1.08**	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 18:31	**D-15**
Lube Oil Range Hydrocarbons	"	**0.509**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*85.2%*			*50 - 150 %*	"		"	
Octacosane			*89.0%*			*50 - 150 %*	"		"	
BPE0769-06 (2A-W-4-0506)			**Water**			**Sampled: 05/22/06 15:55**				
Diesel Range Hydrocarbons	NWTPH-Dx	**1.33**	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 19:56	**D-15**
Lube Oil Range Hydrocarbons	"	**0.646**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*100%*			*50 - 150 %*	"		"	
Octacosane			*105%*			*50 - 150 %*	"		"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-07 (MW-7-0506)		**Water**			**Sampled: 05/22/06 16:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.620**	-----	0.240	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 20:25	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP		*101%*			*50 - 150 %*	"			"	
Octacosane		*111%*			*50 - 150 %*	"			"	
BPE0769-08 (MW-6-0506)		**Water**			**Sampled: 05/22/06 17:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**5.79**	-----	0.472	mg/l	2x	6E30008	05/30/06 08:11	06/04/06 07:47	**D-15**
Lube Oil Range Hydrocarbons	"	**2.84**	-----	0.943	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP		*129%*			*50 - 150 %*	"			"	
Octacosane		*127%*			*50 - 150 %*	"			"	
BPE0769-09 (1A-W-30-0506)		**Water**			**Sampled: 05/22/06 15:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 21:05	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*99.2%*			*50 - 150 %*	"			"	
Octacosane		*102%*			*50 - 150 %*	"			"	
BPE0769-10 (MW-15-0506)		**Water**			**Sampled: 05/22/06 17:12**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.243	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 21:35	
Lube Oil Range Hydrocarbons	"	ND	-----	0.485	"	"	"	"	"	
Surrogate(s): 2-FBP		*92.6%*			*50 - 150 %*	"			"	
Octacosane		*98.4%*			*50 - 150 %*	"			"	
BPE0769-11 (1A-W-4-0506)		**Water**			**Sampled: 05/22/06 15:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 21:50	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*89.4%*			*50 - 150 %*	"			"	
Octacosane		*92.8%*			*50 - 150 %*	"			"	
BPE0769-12 (1B-W-3-0506)		**Water**			**Sampled: 05/22/06 17:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 22:16	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*93.3%*			*50 - 150 %*	"			"	
Octacosane		*101%*			*50 - 150 %*	"			"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-13 (1C-W-2-0506)		**Water**			**Sampled: 05/22/06 17:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6E30008	05/30/06 08:11	06/01/06 22:31	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*102%*			*50 - 150 %*		"		"	
Octacosane		*105%*			*50 - 150 %*		"		"	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Total Metals by EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-03 (MW-28-0506)			**Water**		**Sampled: 05/22/06 10:25**					
Arsenic	EPA 6020	**0.00716**	*0.000140*	0.00100	mg/l	1x	6E25065	05/25/06 18:01	06/07/06 23:31	
Lead	"	**0.000760**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0769-06 (2A-W-4-0506)			**Water**		**Sampled: 05/22/06 15:55**					
Arsenic	EPA 6020	**0.00122**	*0.000140*	0.00100	mg/l	1x	6E25065	05/25/06 18:01	06/07/06 23:37	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0769-11 (1A-W-4-0506)			**Water**		**Sampled: 05/22/06 15:50**					
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E25065	05/25/06 18:01	06/07/06 23:54	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	

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Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-03 (MW-28-0506)			**Water**		**Sampled: 05/22/06 10:25**					
Arsenic	EPA 6020 - Diss	**0.00766**	*0.0000800*	0.00100	mg/l	1x	6E26008	05/26/06 06:25	05/26/06 14:16	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0769-06 (2A-W-4-0506)			**Water**		**Sampled: 05/22/06 15:55**					
Arsenic	EPA 6020 - Diss	**0.00141**	*0.0000800*	0.00100	mg/l	1x	6E26008	05/26/06 06:25	05/26/06 14:22	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0769-11 (1A-W-4-0506)			**Water**		**Sampled: 05/22/06 15:50**					
Arsenic	EPA 6020 - Diss	**0.0000900**	*0.0000800*	0.00100	mg/l	1x	6E26008	05/26/06 06:25	05/26/06 14:27	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	6F01055	06/01/06 13:56	06/08/06 11:11	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-01 (1A-W-1-0506)		**Water**			**Sampled: 05/22/06 10:25**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	05/30/06 17:46	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*86.3%*		*20 - 125 %*	"			"	
1-Methylnaphthalene-d10			*69.7%*		*39 - 125 %*	"			"	
BPE0769-02 (MW-11-0506)		**Water**			**Sampled: 05/22/06 13:10**					
Acenaphthene	EPA 8270C-HVI	**3.25**	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	05/30/06 18:19	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	**0.636**	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	**0.0553**	*0.00219*	0.0943	"	"	"	"	"	**J**
Fluorene	"	**3.65**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	**34.8**	*0.0146*	0.0943	"	"	"	"	"	**E**
2-Methylnaphthalene	"	**2.32**	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	**2.98**	*0.00843*	0.0943	"	"	"	"	"	

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Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-02 (MW-11-0506)			**Water**			**Sampled: 05/22/06 13:10**				
Phenanthrene	EPA 8270C-HVI	**4.91**	*0.00420*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	05/30/06 18:19	**E**
Pyrene	"	**0.0840**	*0.00343*	0.0943	"	"	"	"	"	**J**
Surrogate(s): Benzo (a) pyrene-d12			*95.2%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*83.6%*			*39 - 125 %*	"		"	
BPE0769-02RE1 (MW-11-0506)			**Water**			**Sampled: 05/22/06 13:10**				
1-Methylnaphthalene	EPA 8270C-HVI	**40.1**	*0.292*	1.89	ug/l	20x	6E26041	05/26/06 10:43	06/01/06 14:24	
Phenanthrene	"	**4.47**	*0.0840*	1.89	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*80.0%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*87.2%*			*39 - 125 %*	"		"	
BPE0769-03 (MW-28-0506)			**Water**			**Sampled: 05/22/06 10:25**				
Acenaphthene	EPA 8270C-HVI	**0.205**	*0.0436*	0.943	ug/l	10x	6E26041	05/26/06 10:43	06/01/06 16:03	**J**
Acenaphthylene	"	ND	*0.0795*	0.943	"	"	"	"	"	
Anthracene	"	**0.200**	*0.0323*	0.943	"	"	"	"	"	**J**
Benzo (a) anthracene	"	ND	*0.0346*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0183*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0269*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0308*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0258*	0.943	"	"	"	"	"	
Chrysene	"	ND	*0.0247*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0240*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0219*	0.943	"	"	"	"	"	
Fluorene	"	ND	*0.0622*	0.943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0209*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**0.779**	*0.146*	0.943	"	"	"	"	"	**J**
2-Methylnaphthalene	"	ND	*0.224*	0.943	"	"	"	"	"	
Naphthalene	"	**0.175**	*0.0843*	0.943	"	"	"	"	"	**J**
Phenanthrene	"	**0.213**	*0.0420*	0.943	"	"	"	"	"	**J**
Pyrene	"	ND	*0.0343*	0.943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*95.9%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*78.3%*			*39 - 125 %*	"		"	

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Kate Haney, Project Manager

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BOTHELL, WA 98011-8244
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-05 (2A-W-3-0506)		**Water**			**Sampled: 05/22/06 15:20**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/01/06 14:57	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.994**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*86.2%*			*20 - 125 %*	"			"	
1-Methylnaphthalene-d10		*64.8%*			*39 - 125 %*	"			"	
BPE0769-06 (2A-W-4-0506)		**Water**			**Sampled: 05/22/06 15:55**					
Acenaphthene	EPA 8270C-HVI	**0.481**	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/01/06 15:30	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**1.18**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0769-06 (2A-W-4-0506)		**Water**			**Sampled: 05/22/06 15:55**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/01/06 15:30	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*89.6%*		*20 - 125 %*		*"*		*"*	
	1-Methylnaphthalene-d10		*70.8%*		*39 - 125 %*		*"*		*"*	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

QC Batch: 6E30008 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E30008-BLK1)								Extracted: 05/30/06 08:11						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/01/06 15:29	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 102%*			*Limits: 50-150%*	"							*06/01/06 15:29*	
Octacosane		*104%*			*50-150%*	"							"	
LCS (6E30008-BS1)								Extracted: 05/30/06 08:11						
Diesel Range Hydrocarbons	NWTPH-Dx	1.95	---	0.250	mg/l	1x	--	2.00	97.5%	(58-125)	--	--	06/01/06 15:54	
Lube Oil Range Hydrocarbons	"	1.85	---	0.500	"	"	--	"	92.5%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 96.4%*			*Limits: 50-150%*	"							*06/01/06 15:54*	
Octacosane		*96.4%*			*50-150%*	"							"	
Matrix Spike (6E30008-MS1)				QC Source: BPE0769-06				Extracted: 05/30/06 08:11						
Diesel Range Hydrocarbons	NWTPH-Dx	3.10	---	0.236	mg/l	1x	1.33	1.89	93.7%	(25-149)	--	--	06/01/06 16:09	
Lube Oil Range Hydrocarbons	"	2.38	---	0.472	"	"	0.646	"	91.7%	(50-150)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 113%*			*Limits: 50-150%*	"							*06/01/06 16:09*	
Octacosane		*117%*			*50-150%*	"							"	
Matrix Spike Dup (6E30008-MSD1)				QC Source: BPE0769-06				Extracted: 05/30/06 08:11						
Diesel Range Hydrocarbons	NWTPH-Dx	2.55	---	0.236	mg/l	1x	1.33	1.89	64.6%	(25-149)	19.5%	(40)	06/01/06 16:37	
Lube Oil Range Hydrocarbons	"	2.01	---	0.472	"	"	0.646	"	72.2%	(50-150)	16.9%	"	"	
Surrogate(s): 2-FBP		*Recovery: 86.4%*			*Limits: 50-150%*	"							*06/01/06 16:37*	
Octacosane		*96.2%*			*50-150%*	"							"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

QC Batch: 6E25065 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E25065-BLK1)								**Extracted: 05/25/06 18:01**						
Arsenic	EPA 6020	ND	0.000140	0.00100	mg/l	1x	--	--	--	--	--	--	06/07/06 21:01	
Lead	"	ND	0.0000800	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6E25065-BS1)								**Extracted: 05/25/06 18:01**						
Lead	EPA 6020	0.0713	0.0000800	0.00100	mg/l	1x	--	0.0800	89.1%	(80-120)	--	--	06/07/06 21:36	
Arsenic	"	0.0698	0.000140	0.00100	"	"	--	"	87.2%	"	--	--	"	
Duplicate (6E25065-DUP1)				**QC Source: BPE0758-02**				**Extracted: 05/25/06 18:01**						
Arsenic	EPA 6020	0.0189	0.000140	0.00100	mg/l	1x	0.0180	--	--	--	4.88%	(20)	06/07/06 21:53	
Lead	"	0.00191	0.0000800	0.00100	"	"	0.00195	--	--	--	2.07%	"	"	
Matrix Spike (6E25065-MS1)				**QC Source: BPE0758-02**				**Extracted: 05/25/06 18:01**						
Lead	EPA 6020	0.0727	0.0000800	0.00100	mg/l	1x	0.00195	0.0800	88.4%	(80-120)	--	--	06/07/06 21:47	
Arsenic	"	0.0917	0.000140	0.00100	"	"	0.0180	"	92.1%	(75-125)	--	--	"	
Post Spike (6E25065-PS1)				**QC Source: BPE0758-02**				**Extracted: 05/25/06 18:01**						
Arsenic	EPA 6020	0.215			ug/ml	1x	0.0180	0.200	98.5%	(75-125)	--	--	06/07/06 21:42	
Lead	"	0.180			"	"	0.00195	0.199	89.5%	"	--	--	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

QC Batch: 6E26008 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E26008-BLK1)								**Extracted: 05/26/06 06:25**						
Lead	EPA 6020 - Diss	ND	0.0000200	0.00100	mg/l	1x	--	--	--	--	--	--	05/26/06 12:09	
Arsenic	"	ND	0.0000800	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6E26008-BS1)								**Extracted: 05/26/06 06:25**						
Arsenic	EPA 6020 - Diss	0.204	0.0000800	0.00100	mg/l	1x	--	0.200	102%	(80-120)	--	--	05/26/06 12:14	
Lead	"	0.201	0.0000200	0.00100	"	"	--	"	100%	"	--	--	"	
Duplicate (6E26008-DUP1)				**QC Source: BPE0765-01**				**Extracted: 05/26/06 06:25**						
Arsenic	EPA 6020 - Diss	0.00264	0.0000800	0.00100	mg/l	1x	0.00253	--	--	--	4.26%	(20)	05/26/06 12:26	
Lead	"	ND	0.0000200	0.00100	"	"	ND	--	--	--	NR	"	"	
Duplicate (6E26008-DUP2)				**QC Source: BPE0769-06**				**Extracted: 05/26/06 06:25**						
Arsenic	EPA 6020 - Diss	0.00159	0.0000800	0.00100	mg/l	1x	0.00141	--	--	--	12.0%	(20)	05/26/06 14:10	
Lead	"	0.0000300	0.0000200	0.00100	"	"	ND	--	--	--		"	"	J
Matrix Spike (6E26008-MS1)				**QC Source: BPE0765-01**				**Extracted: 05/26/06 06:25**						
Arsenic	EPA 6020 - Diss	0.113	0.0000800	0.00100	mg/l	1x	0.00253	0.100	110%	(80-128)	--	--	05/26/06 12:20	
Lead	"	0.0981	0.0000200	0.00100	"	"	ND	"	98.1%	(77-120)	--	--	"	
Matrix Spike (6E26008-MS2)				**QC Source: BPE0769-06**				**Extracted: 05/26/06 06:25**						
Arsenic	EPA 6020 - Diss	0.109	0.0000800	0.00100	mg/l	1x	0.00141	0.100	108%	(80-128)	--	--	05/26/06 14:04	
Lead	"	0.0990	0.0000200	0.00100	"	"	ND	"	99.0%	(77-120)	--	--	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

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

TestAmerica - Seattle, WA

QC Batch: 6F01055 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01055-BLK1)								**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	ND	0.0000200	0.00100	mg/l	1x	--	--	--	--	--	--	06/08/06 10:42	
LCS (6F01055-BS1)								**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	0.199	0.0000200	0.00100	mg/l	1x	--	0.200	99.5%	(80-120)	--	--	06/08/06 10:48	
Duplicate (6F01055-DUP1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	0.0000200	0.0000200	0.00100	mg/l	1x	ND	--	--	--		(20)	06/08/06 10:59	J
Matrix Spike (6F01055-MS1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	0.0972	0.0000200	0.00100	mg/l	1x	ND	0.0995	97.7%	(77-120)	--	--	06/08/06 10:53	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E26041-BLK2)								Extracted: 05/26/06 10:43						
Acenaphthene	EPA 8270C-HVI	ND	0.00462	0.100	ug/l	1x	--	--	--	--	--	--	05/30/06 16:40	
Acenaphthylene	"	ND	0.00843	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.00342	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.00367	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.00194	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.00285	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.00327	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.00274	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.00262	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.00254	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.00232	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.00659	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00222	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0155	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0237	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00894	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.00445	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.00364	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 56.9%*			*Limits: 20-125%*	"							*05/30/06 16:40*	
1-Methylnaphthalene-d10		*71.9%*			*39-125%*	"							"	
LCS (6E26041-BS2)								Extracted: 05/26/06 10:43						
Acenaphthene	EPA 8270C-HVI	14.2	0.0462	1.00	ug/l	10x	--	20.0	71.0%	(44-125)	--	--	05/30/06 17:13	
Acenaphthylene	"	15.1	0.0843	1.00	"	"	--	"	75.5%	(51-125)	--	--	"	
Anthracene	"	15.4	0.0342	1.00	"	"	--	"	77.0%	(50-125)	--	--	"	
Benzo (a) anthracene	"	15.6	0.0367	0.100	"	"	--	"	78.0%	"	--	--	"	
Benzo (a) pyrene	"	15.5	0.0194	0.100	"	"	--	"	77.5%	(47-125)	--	--	"	
Benzo (b) fluoranthene	"	14.8	0.0285	0.100	"	"	--	"	74.0%	(50-125)	--	--	"	
Benzo (k) fluoranthene	"	15.2	0.0327	0.100	"	"	--	"	76.0%	(46-125)	--	--	"	
Benzo (ghi) perylene	"	15.0	0.0274	1.00	"	"	--	"	75.0%	(49-125)	--	--	"	
Chrysene	"	16.5	0.0262	0.100	"	"	--	"	82.5%	(53-125)	--	--	"	
Dibenz (a,h) anthracene	"	14.3	0.0254	0.100	"	"	--	"	71.5%	(47-125)	--	--	"	
Fluoranthene	"	16.9	0.0232	1.00	"	"	--	"	84.5%	(55-125)	--	--	"	
Fluorene	"	14.3	0.0659	1.00	"	"	--	"	71.5%	(52-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	14.8	0.0222	0.100	"	"	--	"	74.0%	(49-125)	--	--	"	
1-Methylnaphthalene	"	13.9	0.155	1.00	"	"	--	"	69.5%	(37-125)	--	--	"	
2-Methylnaphthalene	"	14.2	0.237	1.00	"	"	--	"	71.0%	(40-125)	--	--	"	
Naphthalene	"	14.2	0.0894	1.00	"	"	--	"	71.0%	(42-125)	--	--	"	

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6E26041-BS2)								**Extracted: 05/26/06 10:43**						
Phenanthrene	EPA 8270C-HVI	15.4	0.0445	1.00	ug/l	10x	--	20.0	77.0%	(47-125)	--	--	05/30/06 17:13	
Pyrene	"	16.5	0.0364	1.00	"	"	--	"	82.5%	"	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 80.3%*			*Limits: 20-125%*	"							*05/30/06 17:13*	
1-Methylnaphthalene-d10		*88.5%*			*39-125%*	"							"	
Matrix Spike (6E26041-MS2)				**QC Source: BPE0769-06**				**Extracted: 05/26/06 10:43**						
Acenaphthene	EPA 8270C-HVI	12.4	0.0436	0.943	ug/l	10x	0.481	18.9	63.1%	(43-125)	--	--	06/27/06 14:25	
Acenaphthylene	"	13.9	0.0795	0.943	"	"	ND	"	73.5%	(29-125)	--	--	"	
Anthracene	"	15.4	0.0323	0.943	"	"	ND	"	81.5%	(37-125)	--	--	"	
Benzo (a) anthracene	"	14.7	0.0346	0.0943	"	"	ND	"	77.8%	(30-125)	--	--	"	
Benzo (a) pyrene	"	13.1	0.0183	0.0943	"	"	ND	"	69.3%	(21-125)	--	--	"	
Benzo (b) fluoranthene	"	13.9	0.0269	0.0943	"	"	ND	"	73.5%	(23-125)	--	--	"	
Benzo (k) fluoranthene	"	15.3	0.0308	0.0943	"	"	ND	"	81.0%	(32-125)	--	--	"	
Benzo (ghi) perylene	"	12.6	0.0258	0.943	"	"	ND	"	66.7%	(25-125)	--	--	"	
Chrysene	"	14.7	0.0247	0.0943	"	"	ND	"	77.8%	(30-125)	--	--	"	
Dibenz (a,h) anthracene	"	11.8	0.0240	0.0943	"	"	ND	"	62.4%	(24-125)	--	--	"	
Fluoranthene	"	17.2	0.0219	0.943	"	"	ND	"	91.0%	(47-125)	--	--	"	
Fluorene	"	12.6	0.0622	0.943	"	"	1.18	"	60.4%	(44-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	12.2	0.0209	0.0943	"	"	ND	"	64.6%	(24-125)	--	--	"	
1-Methylnaphthalene	"	8.79	0.146	0.943	"	"	ND	"	46.5%	(26-125)	--	--	"	
2-Methylnaphthalene	"	11.0	0.224	0.943	"	"	ND	"	58.2%	(31-125)	--	--	"	
Naphthalene	"	9.74	0.0843	0.943	"	"	ND	"	51.5%	(32-125)	--	--	"	
Phenanthrene	"	15.4	0.0420	0.943	"	"	ND	"	81.5%	(39-125)	--	--	"	
Pyrene	"	16.2	0.0343	0.943	"	"	ND	"	85.7%	(38-125)	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 124%*			*Limits: 20-125%*	"							*06/27/06 14:25*	
1-Methylnaphthalene-d10		*82.9%*			*39-125%*	"							"	
Matrix Spike Dup (6E26041-MSD2)				**QC Source: BPE0769-06**				**Extracted: 05/26/06 10:43**						
Acenaphthene	EPA 8270C-HVI	9.36	0.0457	0.990	ug/l	10x	0.481	19.8	44.8%	(43-125)	27.9%	(40)	06/27/06 14:58	
Acenaphthylene	"	10.1	0.0835	0.990	"	"	ND	"	51.0%	(29-125)	31.7%	"	"	
Anthracene	"	13.3	0.0339	0.990	"	"	ND	"	67.2%	(37-125)	14.6%	"	"	
Benzo (a) anthracene	"	14.4	0.0363	0.0990	"	"	ND	"	72.7%	(30-125)	2.06%	"	"	
Benzo (a) pyrene	"	13.3	0.0192	0.0990	"	"	ND	"	67.2%	(21-125)	1.52%	"	"	
Benzo (b) fluoranthene	"	14.8	0.0282	0.0990	"	"	ND	"	74.7%	(23-125)	6.27%	"	"	
Benzo (k) fluoranthene	"	14.6	0.0324	0.0990	"	"	ND	"	73.7%	(32-125)	4.68%	"	"	
Benzo (ghi) perylene	"	12.7	0.0271	0.990	"	"	ND	"	64.1%	(25-125)	0.791%	"	"	
Chrysene	"	14.7	0.0259	0.0990	"	"	ND	"	74.2%	(30-125)	0.00%	"	"	
Dibenz (a,h) anthracene	"	12.3	0.0251	0.0990	"	"	ND	"	62.1%	(24-125)	4.15%	"	"	

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6E26041-MSD2)					**QC Source: BPE0769-06**				**Extracted: 05/26/06 10:43**					
Fluoranthene	EPA 8270C-HVI	14.3	0.0230	0.990	ug/l	10x	ND	19.8	72.2%	(47-125)	18.4%	(40)	06/27/06 14:58	
Fluorene	"	10.1	0.0652	0.990	"	"	1.18	"	45.1%	(44-125)	22.0%	"	"	
Indeno (1,2,3-cd) pyrene	"	12.5	0.0220	0.0990	"	"	ND	"	63.1%	(24-125)	2.43%	"	"	
1-Methylnaphthalene	"	6.92	0.153	0.990	"	"	ND	"	34.9%	(26-125)	23.8%	"	"	
2-Methylnaphthalene	"	8.21	0.235	0.990	"	"	ND	"	41.5%	(31-125)	29.0%	"	"	
Naphthalene	"	8.00	0.0885	0.990	"	"	ND	"	40.4%	(32-125)	19.6%	"	"	
Phenanthrene	"	12.9	0.0441	0.990	"	"	ND	"	65.2%	(39-125)	17.7%	"	"	
Pyrene	"	18.3	0.0360	0.990	"	"	ND	"	92.4%	(38-125)	12.2%	"	"	

Surrogate(s):	*Benzo (a) pyrene-d12*	*Recovery:*	*64.4%*	*Limits: 20-125%*	*"*	*06/27/06 14:58*
	1-Methylnaphthalene-d10		*63.3%*	*39-125%*	*"*	*"*

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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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:10

Notes and Definitions

Report Specific Notes:

D-06	-	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
D-15	-	Hydrocarbon pattern most closely resembles a heavy fuel oil product.
E	-	Estimated value. The reported value exceeds the calibration range of the analysis.
J	-	Estimated value.

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.

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPE0769

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy
City/State/ZIP: Bothell, WA
Project Manager:
Phone: (425) 420-9200
Fax: (425) 420-9210

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number: N/A

BNSF PROJECT INFORMATION

Project State of Origin: WA
BNSF Project Number:
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Shepeard
BNSF Work Order No.: TT0100 F 02

CONSULTANT INFORMATION

Project Number: BN050-16423
Company: RETEC
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [ ] EDD Req, Format? RETEC EQUIS

SAMPLE INFORMATION / METHODS FOR ANALYSIS

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-DX	PAHs (method 8270 C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	1A-W-1-0506	4	5/22/06	1025	CG	N		W	X	X								-01
2	MW-11-	4		1310	DWK	N			X	X								-02
3	MW-28-	6		1340	DWK	Y/N			X	X	X	X						-03
4	1A-W-3-	2		1500	CG	N			X									-04
5	2A-W-3-	4		1520	DWK	N			X	X								-05
6	2A-W-4-	12		1555	DWK	Y/N			X	X	X	X					Extra sample volume for lab	-06
7	MW-7-	2		1610	QM	N			X									-07
8	MW-6-	2		1710	DWK	N			X									-08
9	1A-W-30-	2		1530	CG	N			X									-09
10	MW-15-	2		1712	QM	N			X									-10
11	1A-W-4-	4		1550	CG	Y/N			X		X	X						-11
12	1B-W-3-	2		1710	CG	N			X									-12
13	1C-W-2-	2		1755	CG	N			X									-13
14																		
15																		

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/23/06 11:35	Cathy Gamble	5/23/06 11:35
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Metals samples — dissolved samples were field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

TestAmerica
ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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June 27, 2006

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 05/24/06 17:06. The following list is a summary of the Work Orders contained in this report, generated on 06/27/06 17:18.

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

Work Order	Project	ProjectNumber
BPE0789	BNSF-Skykomish	BN050-16423-710

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-31-0506	BPE0789-01	Water	05/23/06 17:45	05/24/06 17:06
MW-18-0506	BPE0789-02	Water	05/23/06 16:25	05/24/06 17:06
MW-10-0506	BPE0789-03	Water	05/23/06 15:13	05/24/06 17:06
MW-9-0506	BPE0789-04	Water	05/23/06 13:50	05/24/06 17:06
MW-90-0506	BPE0789-05	Water	05/23/06 12:30	05/24/06 17:06
MW-37-0506	BPE0789-06	Water	05/23/06 12:38	05/24/06 17:06
MW-19-0506	BPE0789-07	Water	05/23/06 11:43	05/24/06 17:06
MW-38-0506	BPE0789-08	Water	05/23/06 10:59	05/24/06 17:06
MW-32-0506	BPE0789-09	Water	05/23/06 10:02	05/24/06 17:06
MW-26-0506	BPE0789-10	Water	05/23/06 08:55	05/24/06 17:06
1A-W-5-0506	BPE0789-11	Water	05/23/06 09:05	05/24/06 17:06
1B-W-2-0506	BPE0789-12	Water	05/23/06 10:10	05/24/06 17:06
1C-W-1-0506	BPE0789-13	Water	05/23/06 13:35	05/24/06 17:06
1C-W-3-0506	BPE0789-14	Water	05/23/06 11:35	05/24/06 17:06
1C-W-4-0506	BPE0789-15	Water	05/23/06 12:35	05/24/06 17:06
2A-W-1-0506	BPE0789-16	Water	05/23/06 14:50	05/24/06 17:06
2A-W-100-0506	BPE0789-17	Water	05/23/06 15:15	05/24/06 17:06
2A-W-2-0506	BPE0789-18	Water	05/23/06 16:15	05/24/06 17:06
2A-W-6-0506	BPE0789-19	Water	05/23/06 17:10	05/24/06 17:06
1B-W-1-0506	BPE0789-20	Water	05/23/06 14:50	05/24/06 17:06
1A-W-2-0506	BPE0789-21	Water	05/23/06 15:30	05/24/06 17:06
MW-22-0506	BPE0789-22	Water	05/23/06 16:25	05/24/06 17:06
5-W-3-0506	BPE0789-23	Water	05/23/06 17:00	05/24/06 17:06
5-W-2-0506	BPE0789-24	Water	05/23/06 17:40	05/24/06 17:06
MW-43-0506	BPE0789-25	Water	05/24/06 07:50	05/24/06 17:06
2A-W-10-0506	BPE0789-26	Water	05/24/06 14:15	05/24/06 17:06
MW-40-0506	BPE0789-27	Water	05/24/06 12:30	05/24/06 17:06
MW-16-0506	BPE0789-28	Water	05/24/06 11:50	05/24/06 17:06
MW-34-0506	BPE0789-29	Water	05/24/06 10:00	05/24/06 17:06
MW-29-0506	BPE0789-30	Water	05/24/06 10:53	05/24/06 17:06
MW-290-0506	BPE0789-31	Water	05/24/06 09:00	05/24/06 17:06
MW-35-0506	BPE0789-32	Water	05/24/06 08:52	05/24/06 17:06
2A-W-9-0506	BPE0789-33	Water	05/24/06 13:25	05/24/06 17:06
5-W-1-0506	BPE0789-34	Water	05/24/06 08:45	05/24/06 17:06
5-W-10-0506	BPE0789-35	Water	05/24/06 08:55	05/24/06 17:06

TestAmerica - Seattle, WA

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Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-36-0506	BPE0789-36	Water	05/24/06 09:25	05/24/06 17:06
MW-500-0506	BPE0789-37	Water	05/24/06 09:55	05/24/06 17:06
MW-27-0506	BPE0789-38	Water	05/24/06 10:45	05/24/06 17:06
MW-270-0506	BPE0789-39	Water	05/24/06 10:55	05/24/06 17:06
MW-39-0506	BPE0789-40	Water	05/24/06 11:55	05/24/06 17:06
MW-20-0506	BPE0789-41	Water	05/24/06 13:45	05/24/06 17:06
MW-21-0506	BPE0789-42	Water	05/24/06 14:25	05/24/06 17:06
MW-1-0506	BPE0789-43	Water	05/24/06 11:15	05/24/06 17:06
MW-100-0506	BPE0789-44	Water	05/24/06 11:40	05/24/06 17:06
2A-W-8-0506	BPE0789-45	Water	05/24/06 12:05	05/24/06 17:06
5-W-4-0506	BPE0789-46	Water	05/24/06 13:20	05/24/06 17:06
5-W-40-0506	BPE0789-47	Water	05/24/06 13:45	05/24/06 17:06
MW-13-0506	BPE0789-48	Water	05/24/06 14:40	05/24/06 17:06
MW-14-0506	BPE0789-49	Water	05/24/06 15:15	05/24/06 17:06
2A-W-5-0506	BPE0789-50	Water	05/24/06 10:20	05/24/06 17:06
2A-W-7-0506	BPE0789-51	Water	05/24/06 09:35	05/24/06 17:06
2A-W-70-0506	BPE0789-52	Water	05/24/06 10:00	05/24/06 17:06

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Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Analytical Case Narrative

TestAmerica - Seattle, WA

BPE0789

SAMPLE RECEIPT

Samples were received May 24th, 2006 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 8.2 degrees Celsius. No anomalies were associated with sample receipt and check-in.

PREPARATIONS AND ANALYSIS

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up): No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Total Metals by EPA 6000/7000 Series Methods: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Dissolved Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Polynuclear Aromatic Compounds by GC/MS-SIM & High Volume Injection: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-02 (MW-18-0506)			**Water**			**Sampled: 05/23/06 16:25**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 10:28	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*82.8%*			*50 - 150 %*	"		"	
Octacosane			*91.6%*			*50 - 150 %*	"		"	
BPE0789-03 (MW-10-0506)			**Water**			**Sampled: 05/23/06 15:13**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.240	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 10:58	
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP			*87.9%*			*50 - 150 %*	"		"	
Octacosane			*105%*			*50 - 150 %*	"		"	
BPE0789-04 (MW-9-0506)			**Water**			**Sampled: 05/23/06 13:50**				
Diesel Range Hydrocarbons	NWTPH-Dx	**0.310**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 11:27	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*92.4%*			*50 - 150 %*	"		"	
Octacosane			*101%*			*50 - 150 %*	"		"	
BPE0789-05 (MW-90-0506)			**Water**			**Sampled: 05/23/06 12:30**				
Diesel Range Hydrocarbons	NWTPH-Dx	**0.318**	-----	0.240	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 11:57	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.7%*			*50 - 150 %*	"		"	
Octacosane			*95.0%*			*50 - 150 %*	"		"	
BPE0789-06 (MW-37-0506)			**Water**			**Sampled: 05/23/06 12:38**				
Diesel Range Hydrocarbons	NWTPH-Dx	**1.09**	-----	0.245	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 12:25	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.490	"	"	"	"	"	
Surrogate(s): 2-FBP			*82.9%*			*50 - 150 %*	"		"	***D-15***
Octacosane			*91.4%*			*50 - 150 %*	"		"	***D-15***
BPE0789-07 (MW-19-0506)			**Water**			**Sampled: 05/23/06 11:43**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 12:55	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*82.6%*			*50 - 150 %*	"		"	
Octacosane			*92.8%*			*50 - 150 %*	"		"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-08 (MW-38-0506)		**Water**			**Sampled: 05/23/06 10:59**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 13:25	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*78.8%*			*50 - 150 %*	"			"	
Octacosane		*91.5%*			*50 - 150 %*	"			"	
BPE0789-10 (MW-26-0506)		**Water**			**Sampled: 05/23/06 08:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.05**	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 13:54	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*89.4%*			*50 - 150 %*	"			"	
Octacosane		*101%*			*50 - 150 %*	"			"	
BPE0789-11 (1A-W-5-0506)		**Water**			**Sampled: 05/23/06 09:05**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 14:23	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*81.1%*			*50 - 150 %*	"			"	
Octacosane		*92.4%*			*50 - 150 %*	"			"	
BPE0789-12 (1B-W-2-0506)		**Water**			**Sampled: 05/23/06 10:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.287**	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 14:53	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*85.6%*			*50 - 150 %*	"			"	
Octacosane		*97.5%*			*50 - 150 %*	"			"	
BPE0789-13 (1C-W-1-0506)		**Water**			**Sampled: 05/23/06 13:35**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 16:50	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*85.7%*			*50 - 150 %*	"			"	
Octacosane		*99.2%*			*50 - 150 %*	"			"	
BPE0789-14 (1C-W-3-0506)		**Water**			**Sampled: 05/23/06 11:35**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 17:19	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*84.9%*			*50 - 150 %*	"			"	
Octacosane		*93.3%*			*50 - 150 %*	"			"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-15 (1C-W-4-0506)		**Water**			**Sampled: 05/23/06 12:35**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.992**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 17:49	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*79.0%*			*50 - 150 %*	"			"	
Octacosane		*95.0%*			*50 - 150 %*	"			"	
BPE0789-16 (2A-W-1-0506)		**Water**			**Sampled: 05/23/06 14:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.34**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 18:18	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*86.1%*			*50 - 150 %*	"			"	
Octacosane		*93.3%*			*50 - 150 %*	"			"	
BPE0789-17 (2A-W-100-0506)		**Water**			**Sampled: 05/23/06 15:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.41**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 18:47	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*85.7%*			*50 - 150 %*	"			"	
Octacosane		*92.0%*			*50 - 150 %*	"			"	
BPE0789-18 (2A-W-2-0506)		**Water**			**Sampled: 05/23/06 16:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.76**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 19:17	**D-15**
Lube Oil Range Hydrocarbons	"	**0.556**	-----	0.476	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP		*90.3%*			*50 - 150 %*	"			"	
Octacosane		*98.3%*			*50 - 150 %*	"			"	
BPE0789-19RE1 (2A-W-6-0506)		**Water**			**Sampled: 05/23/06 17:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.69**	-----	0.238	mg/l	1x	6F01022	06/01/06 09:12	06/07/06 05:24	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*98.3%*			*50 - 150 %*	"			"	
Octacosane		*100%*			*50 - 150 %*	"			"	
BPE0789-20 (1B-W-1-0506)		**Water**			**Sampled: 05/23/06 14:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.942**	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/05/06 20:16	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*73.3%*			*50 - 150 %*	"			"	
Octacosane		*95.3%*			*50 - 150 %*	"			"	

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-21RE1 (1A-W-2-0506)			**Water**			**Sampled: 05/23/06 15:30**				
Diesel Range Hydrocarbons	NWTPH-Dx	**3.58**	-----	0.236	mg/l	1x	6F01022	06/01/06 09:12	06/07/06 05:54	**D-15**
Lube Oil Range Hydrocarbons	"	**2.85**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*99.2%*			*50 - 150 %*	"		"	
Octacosane			*100%*			*50 - 150 %*	"		"	
BPE0789-22 (MW-22-0506)			**Water**			**Sampled: 05/23/06 16:25**				
Diesel Range Hydrocarbons	NWTPH-Dx	**13.6**	-----	2.38	mg/l	10x	6F01022	06/01/06 09:12	06/05/06 21:15	**D-15**
Lube Oil Range Hydrocarbons	"	**14.4**	-----	4.76	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*87.8%*			*50 - 150 %*	"		"	
Octacosane			*100%*			*50 - 150 %*	"		"	
BPE0789-23 (5-W-3-0506)			**Water**			**Sampled: 05/23/06 17:00**				
Diesel Range Hydrocarbons	NWTPH-Dx	**71.1**	-----	4.72	mg/l	20x	6F01024	06/01/06 09:13	06/08/06 01:33	**D-15**
Lube Oil Range Hydrocarbons	"	**60.4**	-----	9.43	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*155%*			*50 - 150 %*	"		"	***SR-4***
Octacosane			*89.8%*			*50 - 150 %*	"		"	
BPE0789-24 (5-W-2-0506)			**Water**			**Sampled: 05/23/06 17:40**				
Diesel Range Hydrocarbons	NWTPH-Dx	**3.08**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 01:48	**D-15**
Lube Oil Range Hydrocarbons	"	**1.85**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*114%*			*50 - 150 %*	"		"	
Octacosane			*117%*			*50 - 150 %*	"		"	
BPE0789-25 (MW-43-0506)			**Water**			**Sampled: 05/24/06 07:50**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 02:15	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.3%*			*50 - 150 %*	"		"	
Octacosane			*101%*			*50 - 150 %*	"		"	
BPE0789-26 (2A-W-10-0506)			**Water**			**Sampled: 05/24/06 14:15**				
Diesel Range Hydrocarbons	NWTPH-Dx	**0.274**	-----	0.240	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 03:42	
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP			*82.9%*			*50 - 150 %*	"		"	
Octacosane			*98.8%*			*50 - 150 %*	"		"	

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-27 (MW-40-0506)		**Water**			**Sampled: 05/24/06 12:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 04:12	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*88.2%*			*50 - 150 %*	"			"	
Octacosane		*94.1%*			*50 - 150 %*	"			"	
BPE0789-28 (MW-16-0506)		**Water**			**Sampled: 05/24/06 11:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 04:40	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*81.1%*			*50 - 150 %*	"			"	
Octacosane		*92.0%*			*50 - 150 %*	"			"	
BPE0789-29 (MW-34-0506)		**Water**			**Sampled: 05/24/06 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/08/06 04:53	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*93.2%*			*50 - 150 %*	"			"	
Octacosane		*103%*			*50 - 150 %*	"			"	
BPE0789-32 (MW-35-0506)		**Water**			**Sampled: 05/24/06 08:52**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.485**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/06/06 23:54	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*76.3%*			*50 - 150 %*	"			"	
Octacosane		*83.1%*			*50 - 150 %*	"			"	
BPE0789-33 (2A-W-9-0506)		**Water**			**Sampled: 05/24/06 13:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.873**	-----	0.240	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 00:24	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP		*86.7%*			*50 - 150 %*	"			"	
Octacosane		*90.4%*			*50 - 150 %*	"			"	
BPE0789-34 (5-W-1-0506)		**Water**			**Sampled: 05/24/06 08:45**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**3.81**	-----	0.476	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 00:39	**D-15**
Surrogate(s): 2-FBP		*119%*			*50 - 150 %*	"			"	
Octacosane		*140%*			*50 - 150 %*	"			"	

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-34RE1 (5-W-1-0506)			**Water**			**Sampled: 05/24/06 08:45**				
Diesel Range Hydrocarbons	NWTPH-Dx	**6.23**	-----	1.19	mg/l	5x	6F01024	06/01/06 09:13	06/09/06 16:25	**D-15**
Surrogate(s): 2-FBP			*100%*			*50 - 150 %*	"		"	
Octacosane			*118%*			*50 - 150 %*	"		"	
BPE0789-35 (5-W-10-0506)			**Water**			**Sampled: 05/24/06 08:55**				
Diesel Range Hydrocarbons	NWTPH-Dx	**4.05**	-----	0.238	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 01:08	**D-15**
Lube Oil Range Hydrocarbons	"	**2.72**	-----	0.476	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP			*99.6%*			*50 - 150 %*	"		"	
Octacosane			*117%*			*50 - 150 %*	"		"	
BPE0789-36 (MW-36-0506)			**Water**			**Sampled: 05/24/06 09:25**				
Lube Oil Range Hydrocarbons	NWTPH-Dx	**5.93**	-----	0.472	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 01:23	**D-15**
Surrogate(s): 2-FBP			*119%*			*50 - 150 %*	"		"	
Octacosane			*122%*			*50 - 150 %*	"		"	
BPE0789-36RE1 (MW-36-0506)			**Water**			**Sampled: 05/24/06 09:25**				
Diesel Range Hydrocarbons	NWTPH-Dx	**9.67**	-----	1.18	mg/l	5x	6F01024	06/01/06 09:13	06/09/06 16:54	**D-15**
Surrogate(s): 2-FBP			*108%*			*50 - 150 %*	"		"	
Octacosane			*126%*			*50 - 150 %*	"		"	
BPE0789-37 (MW-500-0506)			**Water**			**Sampled: 05/24/06 09:55**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 01:54	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*78.4%*			*50 - 150 %*	"		"	
Octacosane			*87.3%*			*50 - 150 %*	"		"	
BPE0789-38 (MW-27-0506)			**Water**			**Sampled: 05/24/06 10:45**				
Diesel Range Hydrocarbons	NWTPH-Dx	**1.34**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 02:05	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*103%*			*50 - 150 %*	"		"	
Octacosane			*96.6%*			*50 - 150 %*	"		"	

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-39 (MW-270-0506)		**Water**			**Sampled: 05/24/06 10:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.41**	-----	0.238	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 02:34	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*97.9%*			*50 - 150 %*	"			"	
Octacosane		*103%*			*50 - 150 %*	"			"	
BPE0789-40 (MW-39-0506)		**Water**			**Sampled: 05/24/06 11:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.716**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 03:02	**D-15**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*71.2%*			*50 - 150 %*	"			"	
Octacosane		*78.8%*			*50 - 150 %*	"			"	
BPE0789-41 (MW-20-0506)		**Water**			**Sampled: 05/24/06 13:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.69**	-----	0.238	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 03:17	**D-15**
Lube Oil Range Hydrocarbons	"	**2.00**	-----	0.476	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP		*88.7%*			*50 - 150 %*	"			"	
Octacosane		*101%*			*50 - 150 %*	"			"	
BPE0789-42 (MW-21-0506)		**Water**			**Sampled: 05/24/06 14:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.18**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 04:55	**D-15**
Lube Oil Range Hydrocarbons	"	**0.807**	-----	0.472	"	"	"	"	"	**D-15**
Surrogate(s): 2-FBP		*83.5%*			*50 - 150 %*	"			"	
Octacosane		*93.2%*			*50 - 150 %*	"			"	
BPE0789-43 (MW-1-0506)		**Water**			**Sampled: 05/24/06 11:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.18**	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 04:55	
Lube Oil Range Hydrocarbons	"	**0.807**	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*83.5%*			*50 - 150 %*	"			"	
Octacosane		*93.2%*			*50 - 150 %*	"			"	
BPE0789-44 (MW-100-0506)		**Water**			**Sampled: 05/24/06 11:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01024	06/01/06 09:13	06/07/06 05:10	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*75.8%*			*50 - 150 %*	"			"	
Octacosane		*85.6%*			*50 - 150 %*	"			"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-45 (2A-W-8-0506)		**Water**			**Sampled: 05/24/06 12:05**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01025	06/01/06 09:13	06/07/06 00:59	**Q-41**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*90.3%*			*50 - 150 %*	"		"	
Octacosane			*100%*			*50 - 150 %*	"		"	
BPE0789-46RE1 (5-W-4-0506)		**Water**			**Sampled: 05/24/06 13:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.287**	-----	0.238	mg/l	1x	6F01025	06/01/06 09:13	06/09/06 13:40	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.4%*			*50 - 150 %*	"		"	
Octacosane			*101%*			*50 - 150 %*	"		"	
BPE0789-47RE1 (5-W-40-0506)		**Water**			**Sampled: 05/24/06 13:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.323**	-----	0.243	mg/l	1x	6F01025	06/01/06 09:13	06/09/06 14:09	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.485	"	"	"	"	"	
Surrogate(s): 2-FBP			*90.9%*			*50 - 150 %*	"		"	
Octacosane			*100%*			*50 - 150 %*	"		"	
BPE0789-48 (MW-13-0506)		**Water**			**Sampled: 05/24/06 14:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01025	06/01/06 09:13	06/07/06 02:28	**Q-41**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*84.9%*			*50 - 150 %*	"		"	
Octacosane			*96.6%*			*50 - 150 %*	"		"	
BPE0789-49 (MW-14-0506)		**Water**			**Sampled: 05/24/06 15:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01025	06/01/06 09:13	06/07/06 02:57	**Q-41**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.1%*			*50 - 150 %*	"		"	
Octacosane			*97.9%*			*50 - 150 %*	"		"	
BPE0789-50RE1 (2A-W-5-0506)		**Water**			**Sampled: 05/24/06 10:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.259**	-----	0.240	mg/l	1x	6F01025	06/01/06 09:13	06/09/06 14:39	**D-06**
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP			*78.8%*			*50 - 150 %*	"		"	
Octacosane			*98.3%*			*50 - 150 %*	"		"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-51 (2A-W-7-0506)		**Water**			**Sampled: 05/24/06 09:35**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F01025	06/01/06 09:13	06/07/06 03:56	**Q-41**
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP		*91.9%*			*50 - 150 %*	"			"	
Octacosane		*98.3%*			*50 - 150 %*	"			"	
BPE0789-52 (2A-W-70-0506)		**Water**			**Sampled: 05/24/06 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F01025	06/01/06 09:13	06/07/06 04:26	**Q-41**
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP		*87.8%*			*50 - 150 %*	"			"	
Octacosane		*92.9%*			*50 - 150 %*	"			"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Total Metals by EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-01 (MW-31-0506)			**Water**			**Sampled: 05/23/06 17:45**				
Arsenic	EPA 6020	**0.000150**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:15	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0789-09 (MW-32-0506)			**Water**			**Sampled: 05/23/06 10:02**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:21	
Lead	"	**0.000290**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-15 (1C-W-4-0506)			**Water**			**Sampled: 05/23/06 12:35**				
Arsenic	EPA 6020	**0.000440**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:27	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0789-21 (1A-W-2-0506)			**Water**			**Sampled: 05/23/06 15:30**				
Arsenic	EPA 6020	**0.000400**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:32	**J**
Lead	"	**0.000190**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-24 (5-W-2-0506)			**Water**			**Sampled: 05/23/06 17:40**				
Arsenic	EPA 6020	**0.000520**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:38	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0789-25 (MW-43-0506)			**Water**			**Sampled: 05/24/06 07:50**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 22:55	
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-29 (MW-34-0506)			**Water**			**Sampled: 05/24/06 10:00**				
Arsenic	EPA 6020	**0.000270**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:01	**J**
Lead	"	**0.0000800**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-30 (MW-29-0506)			**Water**			**Sampled: 05/24/06 10:53**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:07	
Lead	"	**0.0000900**	*0.0000800*	0.00100	"	"	"	"	"	**J**

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-31 (MW-290-0506)			**Water**			**Sampled: 05/24/06 09:00**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:12	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0789-34 (5-W-1-0506)			**Water**			**Sampled: 05/24/06 08:45**				
Arsenic	EPA 6020	**0.00501**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:18	
Lead	"	**0.000770**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-35 (5-W-10-0506)			**Water**			**Sampled: 05/24/06 08:55**				
Arsenic	EPA 6020	**0.00505**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:24	
Lead	"	**0.000760**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-37 (MW-500-0506)			**Water**			**Sampled: 05/24/06 09:55**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:30	
Lead	"	**0.000150**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-42 (MW-21-0506)			**Water**			**Sampled: 05/24/06 14:25**				
Arsenic	EPA 6020	**0.00110**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:35	
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPE0789-49 (MW-14-0506)			**Water**			**Sampled: 05/24/06 15:15**				
Arsenic	EPA 6020	**0.000170**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	05/31/06 23:41	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-01 (MW-31-0506)			**Water**			**Sampled: 05/23/06 17:45**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:28	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-09 (MW-32-0506)			**Water**			**Sampled: 05/23/06 10:02**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:34	
Lead	"	**0.000510**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPE0789-15 (1C-W-4-0506)			**Water**			**Sampled: 05/23/06 12:35**				
Arsenic	EPA 6020 - Diss	**0.000270**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:40	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-21 (1A-W-2-0506)			**Water**			**Sampled: 05/23/06 15:30**				
Arsenic	EPA 6020 - Diss	**0.000250**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:46	**J**
Lead	"	**0.000110**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPE0789-24 (5-W-2-0506)			**Water**			**Sampled: 05/23/06 17:40**				
Arsenic	EPA 6020 - Diss	**0.000370**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:51	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-25 (MW-43-0506)			**Water**			**Sampled: 05/24/06 07:50**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 11:57	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-29 (MW-34-0506)			**Water**			**Sampled: 05/24/06 10:00**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:03	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-30 (MW-29-0506)			**Water**			**Sampled: 05/24/06 10:53**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:09	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-31 (MW-290-0506)		**Water**			**Sampled: 05/24/06 09:00**					
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:15	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-34 (5-W-1-0506)		**Water**			**Sampled: 05/24/06 08:45**					
Arsenic	EPA 6020 - Diss	**0.00444**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:21	
Lead	"	**0.000330**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPE0789-35 (5-W-10-0506)		**Water**			**Sampled: 05/24/06 08:55**					
Arsenic	EPA 6020 - Diss	**0.00441**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:38	
Lead	"	**0.000330**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPE0789-37 (MW-500-0506)		**Water**			**Sampled: 05/24/06 09:55**					
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:44	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-42 (MW-21-0506)		**Water**			**Sampled: 05/24/06 14:25**					
Arsenic	EPA 6020 - Diss	**0.000790**	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:50	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0789-49 (MW-14-0506)		**Water**			**Sampled: 05/24/06 15:15**					
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 12:55	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	

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Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-22 (MW-22-0506)		**Water**			**Sampled: 05/23/06 16:25**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/06/06 18:45	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.164**	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.228**	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	**0.272**	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.689**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.155**	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.879**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*53.4%*			*20 - 131 %*	"			"	
BPE0789-23 (5-W-3-0506)		**Water**			**Sampled: 05/23/06 17:00**					
Acenaphthene	EPA 8270C-SIM	ND	*8.49*	11.8	ug/l	50x	6E26040	05/26/06 10:38	06/06/06 19:17	
Acenaphthylene	"	ND	*5.19*	11.8	"	"	"	"	"	
Anthracene	"	ND	*4.13*	11.8	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*3.54*	11.8	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*3.07*	11.8	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*9.55*	11.8	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.48*	11.8	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*3.89*	11.8	"	"	"	"	"	
Chrysene	"	**92.0**	*2.12*	11.8	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*3.42*	11.8	"	"	"	"	"	
Fluoranthene	"	ND	*2.48*	11.8	"	"	"	"	"	
Fluorene	"	ND	*3.89*	11.8	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*3.30*	11.8	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*4.72*	11.8	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*5.19*	11.8	"	"	"	"	"	
Naphthalene	"	ND	*5.07*	11.8	"	"	"	"	"	
Phenanthrene	"	ND	*3.07*	11.8	"	"	"	"	"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-23 (5-W-3-0506)		**Water**			**Sampled: 05/23/06 17:00**					
Pyrene	EPA 8270C-SIM	**62.5**	*2.95*	11.8	ug/l	50x	6E26040	05/26/06 10:38	06/06/06 19:17	
Surrogate(s): p-Terphenyl-d14		*87.5%*			*20 - 131 %*	"			"	

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Kate Haney, Project Manager

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-02 (MW-18-0506)		**Water**			**Sampled: 05/23/06 16:25**					
Acenaphthene	EPA 8270C-HVI	**0.0299**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 18:19	J
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.0351**	*0.00622*	0.0943	"	"	"	"	"	J
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	**0.0277**	*0.0146*	0.0943	"	"	"	"	"	J
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*65.4%*		*20 - 125 %*	"			"	
1-Methylnaphthalene-d10			*78.0%*		*39 - 125 %*	"			"	
BPE0789-04 (MW-9-0506)		**Water**			**Sampled: 05/23/06 13:50**					
Acenaphthene	EPA 8270C-HVI	**0.175**	*0.00440*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 18:52	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.00326*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	**0.175**	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-04 (MW-9-0506)		**Water**			**Sampled: 05/23/06 13:50**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00424*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 18:52	
Pyrene	"	ND	*0.00347*	0.0952	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*84.6%*		*20 - 125 %*	"			"	
	1-Methylnaphthalene-d10		*68.1%*		*39 - 125 %*	"			"	
BPE0789-05 (MW-90-0506)		**Water**			**Sampled: 05/23/06 12:30**					
Acenaphthene	EPA 8270C-HVI	**0.189**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 19:25	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.192**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*86.4%*		*20 - 125 %*	"			"	
	1-Methylnaphthalene-d10		*77.0%*		*39 - 125 %*	"			"	
BPE0789-06 (MW-37-0506)		**Water**			**Sampled: 05/23/06 12:38**					
Acenaphthene	EPA 8270C-HVI	**0.272**	*0.00440*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 19:58	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.00326*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-06 (MW-37-0506)		**Water**			**Sampled: 05/23/06 12:38**					
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	**1.06**	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.00424*	0.0952	"	"	"	"	"	
Pyrene	"	ND	*0.00347*	0.0952	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*71.0%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*81.1%*		*39 - 125 %*		"		"	
BPE0789-10 (MW-26-0506)		**Water**			**Sampled: 05/23/06 08:55**					
Acenaphthene	EPA 8270C-HVI	**0.190**	*0.00440*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 20:30	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.00326*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	**0.779**	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.00424*	0.0952	"	"	"	"	"	
Pyrene	"	ND	*0.00347*	0.0952	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*70.1%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*81.9%*		*39 - 125 %*		"		"	

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Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-11 (1A-W-5-0506)		**Water**			**Sampled: 05/23/06 09:05**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00440*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 21:03	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.00326*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	ND	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.00424*	0.0952	"	"	"	"	"	
Pyrene	"	ND	*0.00347*	0.0952	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*75.6%*		*20 - 125 %*	"			"	
1-Methylnaphthalene-d10			*67.6%*		*39 - 125 %*	"			"	
BPE0789-12 (1B-W-2-0506)		**Water**			**Sampled: 05/23/06 10:10**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 21:36	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	**0.0457**	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

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Kate Haney, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-12 (1B-W-2-0506)		**Water**			**Sampled: 05/23/06 10:10**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 21:36	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*65.4%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*69.6%*			*39 - 125 %*	"		"	
BPE0789-13 (1C-W-1-0506)		**Water**			**Sampled: 05/23/06 13:35**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00440*	0.0952	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 22:09	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	**0.0153**	*0.00326*	0.0952	"	"	"	"	"	**J**
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	ND	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.00424*	0.0952	"	"	"	"	"	
Pyrene	"	ND	*0.00347*	0.0952	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*78.7%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*79.4%*			*39 - 125 %*	"		"	
BPE0789-14 (1C-W-3-0506)		**Water**			**Sampled: 05/23/06 11:35**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/02/06 22:42	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-14 (1C-W-3-0506)		**Water**			**Sampled: 05/23/06 11:35**					
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*77.7%*		*20 - 125 %*		*"*		*"*	
1-Methylnaphthalene-d10			*77.2%*		*39 - 125 %*		*"*		*"*	
BPE0789-15 (1C-W-4-0506)		**Water**			**Sampled: 05/23/06 12:35**					
Acenaphthene	EPA 8270C-HVI	**0.0970**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 14:20	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.100**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*62.2%*		*20 - 125 %*		*"*		*"*	
1-Methylnaphthalene-d10			*77.1%*		*39 - 125 %*		*"*		*"*	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-16 (2A-W-1-0506)		**Water**			**Sampled: 05/23/06 14:50**					
Acenaphthene	EPA 8270C-HVI	**0.522**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 14:53	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**2.09**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*79.2%*			*20 - 125 %*	"			"	
1-Methylnaphthalene-d10		*80.3%*			*39 - 125 %*	"			"	
BPE0789-17 (2A-W-100-0506)		**Water**			**Sampled: 05/23/06 15:15**					
Acenaphthene	EPA 8270C-HVI	**0.550**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 15:26	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**2.25**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-17 (2A-W-100-0506)		**Water**			**Sampled: 05/23/06 15:15**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 15:26	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*82.7%*		*20 - 125 %*	"			"	
	1-Methylnaphthalene-d10		*81.0%*		*39 - 125 %*	"			"	
BPE0789-18 (2A-W-2-0506)		**Water**			**Sampled: 05/23/06 16:15**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 15:58	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*66.2%*		*20 - 125 %*	"			"	
	1-Methylnaphthalene-d10		*83.4%*		*39 - 125 %*	"			"	
BPE0789-19 (2A-W-6-0506)		**Water**			**Sampled: 05/23/06 17:10**					**D-14**
Acenaphthene	EPA 8270C-HVI	ND	*0.0218*	0.472	ug/l	5x	6E26040	05/26/06 10:38	06/05/06 16:31	
Acenaphthylene	"	ND	*0.0398*	0.472	"	"	"	"	"	
Anthracene	"	ND	*0.0161*	0.472	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0173*	0.0472	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00915*	0.0472	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0134*	0.0472	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0154*	0.0472	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0129*	0.472	"	"	"	"	"	
Chrysene	"	ND	*0.0124*	0.0472	"	"	"	"	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-19 (2A-W-6-0506)		**Water**			**Sampled: 05/23/06 17:10**					**D-14**
Dibenz (a,h) anthracene	EPA 8270C-HVI	ND	*0.0120*	0.0472	ug/l	5x	6E26040	05/26/06 10:38	06/05/06 16:31	
Fluoranthene	"	ND	*0.0109*	0.472	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.472	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0105*	0.0472	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0731*	0.472	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.112*	0.472	"	"	"	"	"	
Naphthalene	"	**0.190**	*0.0422*	0.472	"	"	"	"	"	**J**
Phenanthrene	"	ND	*0.0210*	0.472	"	"	"	"	"	
Pyrene	"	ND	*0.0172*	0.472	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*52.1%*		*20 - 125 %*		"		"	
	1-Methylnaphthalene-d10		*51.4%*		*39 - 125 %*		"		"	
BPE0789-20 (1B-W-1-0506)		**Water**			**Sampled: 05/23/06 14:50**					
Acenaphthene	EPA 8270C-HVI	**0.443**	*0.00436*	0.0943	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 17:04	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.709**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0794**	*0.00343*	0.0943	"	"	"	"	"	**J**
Surrogate(s):	*Benzo (a) pyrene-d12*		*84.6%*		*20 - 125 %*		"		"	
	1-Methylnaphthalene-d10		*74.3%*		*39 - 125 %*		"		"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-21 (1A-W-2-0506)		**Water**			**Sampled: 05/23/06 15:30**					**D-14**
Acenaphthene	EPA 8270C-HVI	ND	*0.0872*	1.89	ug/l	20x	6E26040	05/26/06 10:38	06/06/06 00:11	
Acenaphthylene	"	ND	*0.159*	1.89	"	"	"	"	"	
Anthracene	"	ND	*0.0645*	1.89	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0692*	0.189	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0366*	0.189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0538*	0.189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0617*	0.189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0517*	1.89	"	"	"	"	"	
Chrysene	"	ND	*0.0494*	0.189	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0479*	0.189	"	"	"	"	"	
Fluoranthene	"	ND	*0.0438*	1.89	"	"	"	"	"	
Fluorene	"	**0.707**	*0.124*	1.89	"	"	"	"	"	**J**
Indeno (1,2,3-cd) pyrene	"	ND	*0.0419*	0.189	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.292*	1.89	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.447*	1.89	"	"	"	"	"	
Naphthalene	"	ND	*0.169*	1.89	"	"	"	"	"	
Phenanthrene	"	ND	*0.0840*	1.89	"	"	"	"	"	
Pyrene	"	ND	*0.0687*	1.89	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*91.6%*			*20 - 125 %*	"			"	
1-Methylnaphthalene-d10		*78.0%*			*39 - 125 %*	"			"	
BPE0789-24 (5-W-2-0506)		**Water**			**Sampled: 05/23/06 17:40**					**D-14**
Acenaphthene	EPA 8270C-HVI	ND	*0.0872*	1.89	ug/l	20x	6E26040	05/26/06 10:38	06/06/06 00:44	
Acenaphthylene	"	ND	*0.159*	1.89	"	"	"	"	"	
Anthracene	"	ND	*0.0645*	1.89	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0692*	0.189	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0366*	0.189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0538*	0.189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0617*	0.189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0517*	1.89	"	"	"	"	"	
Chrysene	"	ND	*0.0494*	0.189	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0479*	0.189	"	"	"	"	"	
Fluoranthene	"	ND	*0.0438*	1.89	"	"	"	"	"	
Fluorene	"	**0.562**	*0.124*	1.89	"	"	"	"	"	**J**
Indeno (1,2,3-cd) pyrene	"	ND	*0.0419*	0.189	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.292*	1.89	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.447*	1.89	"	"	"	"	"	
Naphthalene	"	ND	*0.169*	1.89	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-24 (5-W-2-0506)		**Water**			**Sampled: 05/23/06 17:40**					**D-14**
Phenanthrene	EPA 8270C-HVI	ND	*0.0840*	1.89	ug/l	20x	6E26040	05/26/06 10:38	06/06/06 00:44	
Pyrene	"	ND	*0.0687*	1.89	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*96.7%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*91.2%*			*39 - 125 %*	"		"	
BPE0789-32 (MW-35-0506)		**Water**			**Sampled: 05/24/06 08:52**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00444*	0.0962	ug/l	1x	6E26040	05/26/06 10:38	06/05/06 17:37	
Acenaphthylene	"	ND	*0.00811*	0.0962	"	"	"	"	"	
Anthracene	"	ND	*0.00329*	0.0962	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00353*	0.00962	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00187*	0.00962	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00274*	0.00962	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00314*	0.00962	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00263*	0.0962	"	"	"	"	"	
Chrysene	"	ND	*0.00252*	0.00962	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00244*	0.00962	"	"	"	"	"	
Fluoranthene	"	ND	*0.00223*	0.0962	"	"	"	"	"	
Fluorene	"	ND	*0.00634*	0.0962	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00213*	0.00962	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0149*	0.0962	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0228*	0.0962	"	"	"	"	"	
Naphthalene	"	ND	*0.00860*	0.0962	"	"	"	"	"	
Phenanthrene	"	ND	*0.00428*	0.0962	"	"	"	"	"	
Pyrene	"	ND	*0.00350*	0.0962	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*69.8%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*70.9%*			*39 - 125 %*	"		"	
BPE0789-33 (2A-W-9-0506)		**Water**			**Sampled: 05/24/06 13:25**					
Acenaphthene	EPA 8270C-HVI	**0.276**	*0.0224*	0.485	ug/l	5x	6E26041	05/26/06 10:43	06/01/06 16:35	**J**
Acenaphthylene	"	ND	*0.0409*	0.485	"	"	"	"	"	
Anthracene	"	**0.102**	*0.0166*	0.485	"	"	"	"	"	**J**
Benzo (a) anthracene	"	ND	*0.0178*	0.0485	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00942*	0.0485	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0138*	0.0485	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0159*	0.0485	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0133*	0.485	"	"	"	"	"	
Chrysene	"	ND	*0.0127*	0.0485	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0123*	0.0485	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-33 (2A-W-9-0506)		**Water**			**Sampled: 05/24/06 13:25**					
Fluoranthene	"	ND	*0.0113*	0.485	"	"	"	"	"	
Fluorene	"	**0.427**	*0.0320*	0.485	"	"	"	"	"	J
Indeno (1,2,3-cd) pyrene	"	ND	*0.0108*	0.0485	"	"	"	"	"	
1-Methylnaphthalene	"	**1.27**	*0.0752*	0.485	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.115*	0.485	"	"	"	"	"	
Naphthalene	"	ND	*0.0434*	0.485	"	"	"	"	"	
Phenanthrene	"	**0.128**	*0.0216*	0.485	"	"	"	"	"	J
Pyrene	"	ND	*0.0177*	0.485	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*65.4%*			*20 - 125 %*	"			"	
1-Methylnaphthalene-d10		*74.2%*			*39 - 125 %*	"			"	
BPE0789-36 (MW-36-0506)		**Water**			**Sampled: 05/24/06 09:25**					
Acenaphthene	EPA 8270C-HVI	**0.458**	*0.0872*	1.89	ug/l	20x	6E26041	05/26/06 10:43	06/01/06 17:08	J
Acenaphthylene	"	ND	*0.159*	1.89	"	"	"	"	"	
Anthracene	"	ND	*0.0645*	1.89	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0692*	0.189	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0366*	0.189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0538*	0.189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0617*	0.189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0517*	1.89	"	"	"	"	"	
Chrysene	"	ND	*0.0494*	0.189	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0479*	0.189	"	"	"	"	"	
Fluoranthene	"	ND	*0.0438*	1.89	"	"	"	"	"	
Fluorene	"	**2.66**	*0.124*	1.89	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0419*	0.189	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.292*	1.89	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.447*	1.89	"	"	"	"	"	
Naphthalene	"	ND	*0.169*	1.89	"	"	"	"	"	
Phenanthrene	"	ND	*0.0840*	1.89	"	"	"	"	"	
Pyrene	"	ND	*0.0687*	1.89	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*101%*			*20 - 125 %*	"			"	
1-Methylnaphthalene-d10		*107%*			*39 - 125 %*	"			"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-37 (MW-500-0506)		**Water**			**Sampled: 05/24/06 09:55**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/01/06 17:41	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	**0.0167**	*0.00843*	0.0943	"	"	"	"	"	**J**
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*84.5%*		*20 - 125 %*	"			"	
1-Methylnaphthalene-d10			*78.5%*		*39 - 125 %*	"			"	
BPE0789-38 (MW-27-0506)		**Water**			**Sampled: 05/24/06 10:45**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 12:50	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-38 (MW-27-0506)		**Water**			**Sampled: 05/24/06 10:45**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 12:50	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*60.4%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*81.2%*			*39 - 125 %*	"		"	
BPE0789-39 (MW-270-0506)		**Water**			**Sampled: 05/24/06 10:55**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 13:23	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*66.4%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*85.8%*			*39 - 125 %*	"		"	
BPE0789-40 (MW-39-0506)		**Water**			**Sampled: 05/24/06 11:55**					
Acenaphthene	EPA 8270C-HVI	**0.106**	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 13:56	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0400**	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	**0.0781**	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	

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Kate Haney, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-40 (MW-39-0506)		**Water**			**Sampled: 05/24/06 11:55**					
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	**0.0720**	*0.00843*	0.0943	"	"	"	"	"	J
Phenanthrene	"	**0.0873**	*0.00420*	0.0943	"	"	"	"	"	J
Pyrene	"	**0.296**	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*71.6%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*72.1%*		*39 - 125 %*		"		"	
BPE0789-41 (MW-20-0506)		**Water**			**Sampled: 05/24/06 13:45**					
Acenaphthene	EPA 8270C-HVI	**0.386**	*0.0218*	0.472	ug/l	5x	6E26041	05/26/06 10:43	06/02/06 14:29	J
Acenaphthylene	"	ND	*0.0398*	0.472	"	"	"	"	"	
Anthracene	"	ND	*0.0161*	0.472	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0173*	0.0472	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00915*	0.0472	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0134*	0.0472	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0154*	0.0472	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0129*	0.472	"	"	"	"	"	
Chrysene	"	ND	*0.0124*	0.0472	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0120*	0.0472	"	"	"	"	"	
Fluoranthene	"	ND	*0.0109*	0.472	"	"	"	"	"	
Fluorene	"	**1.29**	*0.0311*	0.472	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0105*	0.0472	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0731*	0.472	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.112*	0.472	"	"	"	"	"	
Naphthalene	"	ND	*0.0422*	0.472	"	"	"	"	"	
Phenanthrene	"	ND	*0.0210*	0.472	"	"	"	"	"	
Pyrene	"	ND	*0.0172*	0.472	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*75.7%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*70.3%*		*39 - 125 %*		"		"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-42 (MW-21-0506)		**Water**			**Sampled: 05/24/06 14:25**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 15:02	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	**0.213**	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*85.8%*		*20 - 125 %*	"			"	
1-Methylnaphthalene-d10			*77.8%*		*39 - 125 %*	"			"	
BPE0789-46 (5-W-4-0506)		**Water**			**Sampled: 05/24/06 13:20**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 15:34	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0789-46 (5-W-4-0506)		**Water**			**Sampled: 05/24/06 13:20**					
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/02/06 15:34	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*81.1%*		*20 - 125 %*		"		"	
	1-Methylnaphthalene-d10		*77.5%*		*39 - 125 %*		"		"	
BPE0789-47 (5-W-40-0506)		**Water**			**Sampled: 05/24/06 13:45**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6E26041	05/26/06 10:43	06/01/06 21:32	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.00420*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s):	*Benzo (a) pyrene-d12*		*75.2%*		*20 - 125 %*		"		"	
	1-Methylnaphthalene-d10		*70.0%*		*39 - 125 %*		"		"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

QC Batch: 6F01022 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01022-BLK1)								**Extracted: 06/01/06 09:12**						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/05/06 06:32	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 70.8%*			*Limits: 50-150%*	"							*06/05/06 06:32*	
Octacosane		*94.4%*			*50-150%*	"							"	
LCS (6F01022-BS1)								**Extracted: 06/01/06 09:12**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.93	---	0.250	mg/l	1x	--	2.00	96.5%	(58-125)	--	--	06/05/06 07:02	
Lube Oil Range Hydrocarbons	"	1.81	---	0.500	"	"	--	"	90.5%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 80.4%*			*Limits: 50-150%*	"							*06/05/06 07:02*	
Octacosane		*93.6%*			*50-150%*	"							"	
Matrix Spike (6F01022-MS1)				**QC Source: BPE0789-02**				**Extracted: 06/01/06 09:12**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.98	---	0.238	mg/l	1x	ND	1.90	104%	(25-149)	--	--	06/05/06 07:32	
Lube Oil Range Hydrocarbons	"	1.81	---	0.476	"	"	ND	"	95.3%	(50-150)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 81.5%*			*Limits: 50-150%*	"							*06/05/06 07:32*	
Octacosane		*95.0%*			*50-150%*	"							"	
Matrix Spike Dup (6F01022-MSD1)				**QC Source: BPE0789-02**				**Extracted: 06/01/06 09:12**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.88	---	0.240	mg/l	1x	ND	1.92	97.9%	(25-149)	5.18%	(40)	06/05/06 08:01	
Lube Oil Range Hydrocarbons	"	1.82	---	0.481	"	"	ND	"	94.8%	(50-150)	0.551%	"	"	
Surrogate(s): 2-FBP		*Recovery: 76.2%*			*Limits: 50-150%*	"							*06/05/06 08:01*	
Octacosane		*97.5%*			*50-150%*	"							"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

QC Batch: 6F01024 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01024-BLK1)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/08/06 00:31	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 99.6%*			*Limits: 50-150%*	"							*06/08/06 00:31*	
Octacosane		*105%*			*50-150%*	"							"	
LCS (6F01024-BS1)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	1.99	---	0.250	mg/l	1x	--	2.00	99.5%	(58-125)	--	--	06/08/06 00:45	
Lube Oil Range Hydrocarbons	"	1.50	---	0.500	"	"	--	"	75.0%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 103%*			*Limits: 50-150%*	"							*06/08/06 00:45*	
Octacosane		*102%*			*50-150%*	"							"	
LCS Dup (6F01024-BSD1)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	2.02	---	0.250	mg/l	1x	--	2.00	101%	(58-125)	1.50%	(40)	06/08/06 01:03	
Lube Oil Range Hydrocarbons	"	1.64	---	0.500	"	"	--	"	82.0%	(60-140)	8.92%	"	"	
Surrogate(s): 2-FBP		*Recovery: 101%*			*Limits: 50-150%*	"							*06/08/06 01:03*	
Octacosane		*105%*			*50-150%*	"							"	

QC Batch: 6F01025 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01025-BLK1)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/06/06 21:34	Q-41
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 92.8%*			*Limits: 50-150%*	"							*06/06/06 21:34*	
Octacosane		*97.6%*			*50-150%*	"							"	
Blank (6F01025-BLK2)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/09/06 12:11	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 90.8%*			*Limits: 50-150%*	"							*06/09/06 12:11*	
Octacosane		*94.4%*			*50-150%*	"							"	
LCS (6F01025-BS1)									Extracted: 06/01/06 09:13					
Diesel Range Hydrocarbons	NWTPH-Dx	2.26	---	0.250	mg/l	1x	--	2.00	113%	(58-125)	--	--	06/06/06 22:03	Q-41
Lube Oil Range Hydrocarbons	"	1.85	---	0.500	"	"	--	"	92.5%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 93.6%*			*Limits: 50-150%*	"							*06/06/06 22:03*	
Octacosane		*108%*			*50-150%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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ANALYTICAL TESTING CORPORATION

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

QC Batch: 6F01025 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6F01025-BS2)								**Extracted: 06/01/06 09:13**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.84	---	0.250	mg/l	1x	--	2.00	92.0%	(58-125)	--	--	06/09/06 12:41	
Lube Oil Range Hydrocarbons	"	1.54	---	0.500	"	"	--	"	77.0%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 85.2%*			*Limits: 50-150%*	"							*06/09/06 12:41*	
Octacosane		*102%*			*50-150%*	"							*"*	
LCS Dup (6F01025-BSD1)								**Extracted: 06/01/06 09:13**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.50	---	0.250	mg/l	1x	--	2.00	125%	(58-125)	10.1%	(40)	06/06/06 22:32	Q-41
Lube Oil Range Hydrocarbons	"	1.97	---	0.500	"	"	--	"	98.5%	(60-140)	6.28%	"	"	
Surrogate(s): 2-FBP		*Recovery: 100%*			*Limits: 50-150%*	"							*06/06/06 22:32*	
Octacosane		*111%*			*50-150%*	"							*"*	
LCS Dup (6F01025-BSD2)								**Extracted: 06/01/06 09:13**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.10	---	0.250	mg/l	1x	--	2.00	105%	(58-125)	13.2%	(40)	06/09/06 13:11	
Lube Oil Range Hydrocarbons	"	1.65	---	0.500	"	"	--	"	82.5%	(60-140)	6.90%	"	"	
Surrogate(s): 2-FBP		*Recovery: 96.4%*			*Limits: 50-150%*	"							*06/09/06 13:11*	
Octacosane		*109%*			*50-150%*	"							*"*	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

QC Batch: 6E30077 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E30077-BLK1)								**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	ND	0.0000800	0.00100	mg/l	1x	--	--	--	--	--	--	05/31/06 21:46	
Arsenic	"	ND	0.000140	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6E30077-BS1)								**Extracted: 05/31/06 10:38**						
Arsenic	EPA 6020	0.0797	0.000140	0.00100	mg/l	1x	--	0.0800	99.6%	(80-120)	--	--	05/31/06 21:52	
Lead	"	0.0839	0.0000800	0.00100	"	"	--	"	105%	"	--	--	"	
Duplicate (6E30077-DUP1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	0.000170	0.0000800	0.00100	mg/l	1x	ND	--	--	--		(20)	05/31/06 22:09	J
Arsenic	"	0.000240	0.000140	0.00100	"	"	0.000150	--	--	--	46.2%	"	"	Q-06, J
Matrix Spike (6E30077-MS1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Arsenic	EPA 6020	0.0802	0.000140	0.00100	mg/l	1x	0.000150	0.0800	100%	(75-125)	--	--	05/31/06 22:04	
Lead	"	0.0837	0.0000800	0.00100	"	"	ND	"	105%	(80-120)	--	--	"	
Post Spike (6E30077-PS1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	0.101			ug/ml	1x	0.0000200	0.100	101%	(75-125)	--	--	05/31/06 21:58	
Arsenic	"	0.105			"	"	0.000150	"	105%	"	--	--	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

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

TestAmerica - Seattle, WA

QC Batch: 6F01055 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01055-BLK1)								**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	ND	0.0000200	0.00100	mg/l	1x	--	--	--	--	--	--	06/08/06 10:42	
Arsenic	"	ND	0.0000800	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6F01055-BS1)								**Extracted: 06/01/06 13:56**						
Arsenic	EPA 6020 - Diss	0.198	0.0000800	0.00100	mg/l	1x	--	0.200	99.0%	(80-120)	--	--	06/08/06 10:48	
Lead	"	0.199	0.0000200	0.00100	"	"	--	"	99.5%	"	--	--	"	
Duplicate (6F01055-DUP1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	0.0000200	0.0000200	0.00100	mg/l	1x	ND	--	--	--		(20)	06/08/06 10:59	J
Arsenic	"	0.00444	0.0000800	0.00100	"	"	0.00430	--	--	--	3.20%	"	"	
Matrix Spike (6F01055-MS1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Arsenic	EPA 6020 - Diss	0.104	0.0000800	0.00100	mg/l	1x	0.00430	0.100	99.7%	(80-128)	--	--	06/08/06 10:53	
Lead	"	0.0972	0.0000200	0.00100	"	"	ND	0.0995	97.7%	(77-120)	--	--	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E26040-BLK2)								Extracted: 05/26/06 10:38						
Acenaphthene	EPA 8270C-SIM	ND	0.0720	0.100	ug/l	1x	--	--	--	--	--	--	06/06/06 16:05	
Acenaphthylene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0350	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0300	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.0810	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0180	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.0290	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0280	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0400	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0430	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0250	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 91.2%*		*Limits: 20-131%*		"							*06/06/06 16:05*	
LCS (6E26040-BS2)								Extracted: 05/26/06 10:38						
Acenaphthene	EPA 8270C-SIM	15.5	0.0720	0.100	ug/l	1x	--	20.0	77.5%	(68-129)	--	--	06/06/06 16:37	
Acenaphthylene	"	17.8	0.0440	0.100	"	"	--	"	89.0%	(77-129)	--	--	"	
Anthracene	"	19.2	0.0350	0.100	"	"	--	"	96.0%	(80-146)	--	--	"	
Benzo (a) anthracene	"	16.1	0.0300	0.100	"	"	--	"	80.5%	(73-120)	--	--	"	
Benzo (a) pyrene	"	17.0	0.0260	0.100	"	"	--	"	85.0%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	18.9	0.0810	0.100	"	"	--	"	94.5%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	16.9	0.0210	0.100	"	"	--	"	84.5%	(63-150)	--	--	"	
Benzo (ghi) perylene	"	15.0	0.0330	0.100	"	"	--	"	75.0%	(46-142)	--	--	"	
Chrysene	"	17.5	0.0180	0.100	"	"	--	"	87.5%	(84-132)	--	--	"	
Dibenz (a,h) anthracene	"	15.3	0.0290	0.100	"	"	--	"	76.5%	(56-138)	--	--	"	
Fluoranthene	"	17.2	0.0210	0.100	"	"	--	"	86.0%	(79-138)	--	--	"	
Fluorene	"	17.5	0.0330	0.100	"	"	--	"	87.5%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	15.0	0.0280	0.100	"	"	--	"	75.0%	(53-136)	--	--	"	
1-Methylnaphthalene	"	15.2	0.0400	0.100	"	"	--	"	76.0%	(41-120)	--	--	"	
2-Methylnaphthalene	"	17.1	0.0440	0.100	"	"	--	"	85.5%	(43-122)	--	--	"	
Naphthalene	"	15.6	0.0430	0.100	"	"	--	"	78.0%	(38-128)	--	--	"	
Phenanthrene	"	16.4	0.0260	0.100	"	"	--	"	82.0%	(77-123)	--	--	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6E26040-BS2)								**Extracted: 05/26/06 10:38**						
Pyrene	EPA 8270C-SIM	17.9	0.0250	0.100	ug/l	1x	--	20.0	89.5%	(60-150)	--	--	06/06/06 16:37	
Surrogate(s): p-Terphenyl-d14		*Recovery: 88.4%*		*Limits: 20-131%*		"							*06/06/06 16:37*	
Matrix Spike (6E26040-MS2)				**QC Source: BPE0789-02**				**Extracted: 05/26/06 10:38**						
Acenaphthene	EPA 8270C-SIM	16.6	0.0720	0.100	ug/l	1x	ND	20.0	83.0%	(40-150)	--	--	06/06/06 17:41	
Acenaphthylene	"	18.9	0.0440	0.100	"	"	ND	"	94.5%	"	--	--	"	
Anthracene	"	19.9	0.0350	0.100	"	"	ND	"	99.5%	"	--	--	"	
Benzo (a) anthracene	"	17.3	0.0300	0.100	"	"	ND	"	86.5%	"	--	--	"	
Benzo (a) pyrene	"	18.1	0.0260	0.100	"	"	0.109	"	90.0%	"	--	--	"	
Benzo (b) fluoranthene	"	20.1	0.0810	0.100	"	"	ND	"	100%	"	--	--	"	
Benzo (k) fluoranthene	"	19.0	0.0210	0.100	"	"	0.0321	"	94.8%	"	--	--	"	
Benzo (ghi) perylene	"	15.9	0.0330	0.100	"	"	ND	"	79.5%	"	--	--	"	
Chrysene	"	18.9	0.0180	0.100	"	"	ND	"	94.5%	"	--	--	"	
Dibenz (a,h) anthracene	"	16.7	0.0290	0.100	"	"	ND	"	83.5%	"	--	--	"	
Fluoranthene	"	18.9	0.0210	0.100	"	"	ND	"	94.5%	"	--	--	"	
Fluorene	"	19.0	0.0330	0.100	"	"	ND	"	95.0%	"	--	--	"	
Indeno (1,2,3-cd) pyrene	"	16.1	0.0280	0.100	"	"	ND	"	80.5%	"	--	--	"	
1-Methylnaphthalene	"	16.5	0.0400	0.100	"	"	ND	"	82.5%	"	--	--	"	
2-Methylnaphthalene	"	18.5	0.0440	0.100	"	"	ND	"	92.5%	"	--	--	"	
Naphthalene	"	16.6	0.0430	0.100	"	"	ND	"	83.0%	"	--	--	"	
Phenanthrene	"	17.8	0.0260	0.100	"	"	ND	"	89.0%	"	--	--	"	
Pyrene	"	18.9	0.0250	0.100	"	"	ND	"	94.5%	"	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 93.4%*		*Limits: 20-131%*		"							*06/06/06 17:41*	
Matrix Spike Dup (6E26040-MSD2)				**QC Source: BPE0789-02**				**Extracted: 05/26/06 10:38**						
Acenaphthene	EPA 8270C-SIM	16.0	0.0720	0.100	ug/l	1x	ND	20.0	80.0%	(40-150)	3.68%	(40)	06/06/06 18:13	
Acenaphthylene	"	18.4	0.0440	0.100	"	"	ND	"	92.0%	"	2.68%	"	"	
Anthracene	"	19.6	0.0350	0.100	"	"	ND	"	98.0%	"	1.52%	"	"	
Benzo (a) anthracene	"	17.3	0.0300	0.100	"	"	ND	"	86.5%	"	0.00%	"	"	
Benzo (a) pyrene	"	17.9	0.0260	0.100	"	"	0.109	"	89.0%	"	1.11%	"	"	
Benzo (b) fluoranthene	"	20.4	0.0810	0.100	"	"	ND	"	102%	"	1.48%	"	"	
Benzo (k) fluoranthene	"	18.2	0.0210	0.100	"	"	0.0321	"	90.8%	"	4.30%	"	"	
Benzo (ghi) perylene	"	15.8	0.0330	0.100	"	"	ND	"	79.0%	"	0.631%	"	"	
Chrysene	"	18.6	0.0180	0.100	"	"	ND	"	93.0%	"	1.60%	"	"	
Dibenz (a,h) anthracene	"	16.4	0.0290	0.100	"	"	ND	"	82.0%	"	1.81%	"	"	
Fluoranthene	"	18.5	0.0210	0.100	"	"	ND	"	92.5%	"	2.14%	"	"	
Fluorene	"	18.2	0.0330	0.100	"	"	ND	"	91.0%	"	4.30%	"	"	
Indeno (1,2,3-cd) pyrene	"	16.0	0.0280	0.100	"	"	ND	"	80.0%	"	0.623%	"	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6E26040-MSD2)					**QC Source: BPE0789-02**				**Extracted: 05/26/06 10:38**					
1-Methylnaphthalene	EPA 8270C-SIM	15.7	0.0400	0.100	ug/l	1x	ND	20.0	78.5%	(40-150)	4.97%	(40)	06/06/06 18:13	
2-Methylnaphthalene	"	17.5	0.0440	0.100	"	"	ND	"	87.5%	"	5.56%	"	"	
Naphthalene	"	15.7	0.0430	0.100	"	"	ND	"	78.5%	"	5.57%	"	"	
Phenanthrene	"	17.7	0.0260	0.100	"	"	ND	"	88.5%	"	0.563%	"	"	
Pyrene	"	18.9	0.0250	0.100	"	"	ND	"	94.5%	"	0.00%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 93.0%*		*Limits: 20-131%*		*"*							*06/06/06 18:13*	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E26040-BLK1)								Extracted: 05/26/06 10:38						
Acenaphthene	EPA 8270C-HVI	ND	0.00462	0.100	ug/l	1x	--	--	--	--	--	--	06/02/06 17:46	
Acenaphthylene	"	ND	0.00843	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.00342	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.00367	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.00194	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.00285	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.00327	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.00274	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.00262	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.00254	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.00232	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.00659	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00222	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0155	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0237	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00894	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.00445	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.00364	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 66.0%*			*Limits: 20-125%*	"							*06/02/06 17:46*	
1-Methylnaphthalene-d10		*76.9%*			*39-125%*	"							"	
LCS (6E26040-BS1)								Extracted: 05/26/06 10:38						
Acenaphthene	EPA 8270C-HVI	14.4	0.0462	1.00	ug/l	10x	--	20.0	72.0%	(44-125)	--	--	06/02/06 16:07	
Acenaphthylene	"	14.6	0.0843	1.00	"	"	--	"	73.0%	(51-125)	--	--	"	
Anthracene	"	15.4	0.0342	1.00	"	"	--	"	77.0%	(50-125)	--	--	"	
Benzo (a) anthracene	"	15.9	0.0367	0.100	"	"	--	"	79.5%	"	--	--	"	
Benzo (a) pyrene	"	15.3	0.0194	0.100	"	"	--	"	76.5%	(47-125)	--	--	"	
Benzo (b) fluoranthene	"	13.9	0.0285	0.100	"	"	--	"	69.5%	(50-125)	--	--	"	
Benzo (k) fluoranthene	"	17.7	0.0327	0.100	"	"	--	"	88.5%	(46-125)	--	--	"	
Benzo (ghi) perylene	"	15.4	0.0274	1.00	"	"	--	"	77.0%	(49-125)	--	--	"	
Chrysene	"	16.2	0.0262	0.100	"	"	--	"	81.0%	(53-125)	--	--	"	
Dibenz (a,h) anthracene	"	15.9	0.0254	0.100	"	"	--	"	79.5%	(47-125)	--	--	"	
Fluoranthene	"	16.2	0.0232	1.00	"	"	--	"	81.0%	(55-125)	--	--	"	
Fluorene	"	15.3	0.0659	1.00	"	"	--	"	76.5%	(52-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	15.7	0.0222	0.100	"	"	--	"	78.5%	(49-125)	--	--	"	
1-Methylnaphthalene	"	14.1	0.155	1.00	"	"	--	"	70.5%	(37-125)	--	--	"	
2-Methylnaphthalene	"	15.1	0.237	1.00	"	"	--	"	75.5%	(40-125)	--	--	"	
Naphthalene	"	14.5	0.0894	1.00	"	"	--	"	72.5%	(42-125)	--	--	"	

TestAmerica - Seattle, WA

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Kate Haney, Project Manager

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ANALYTICAL TESTING CORPORATION

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6E26040-BS1)								**Extracted: 05/26/06 10:38**						
Phenanthrene	EPA 8270C-HVI	15.3	0.0445	1.00	ug/l	10x	--	20.0	76.5%	(47-125)	--	--	06/02/06 16:07	
Pyrene	"	17.3	0.0364	1.00	"	"	--	"	86.5%	"	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 89.0%*			*Limits: 20-125%*	"							*06/02/06 16:07*	
1-Methylnaphthalene-d10		*85.2%*			*39-125%*	"							"	
Matrix Spike (6E26040-MS1)				**QC Source: BPE0789-02**				**Extracted: 05/26/06 10:38**						
Acenaphthene	EPA 8270C-HVI	14.4	0.0436	0.943	ug/l	10x	0.0299	18.9	76.0%	(43-125)	--	--	06/02/06 16:40	
Acenaphthylene	"	14.9	0.0795	0.943	"	"	ND	"	78.8%	(29-125)	--	--	"	
Anthracene	"	15.0	0.0323	0.943	"	"	ND	"	79.4%	(37-125)	--	--	"	
Benzo (a) anthracene	"	16.2	0.0346	0.0943	"	"	ND	"	85.7%	(30-125)	--	--	"	
Benzo (a) pyrene	"	15.4	0.0183	0.0943	"	"	ND	"	81.5%	(21-125)	--	--	"	
Benzo (b) fluoranthene	"	14.2	0.0269	0.0943	"	"	ND	"	75.1%	(23-125)	--	--	"	
Benzo (k) fluoranthene	"	17.2	0.0308	0.0943	"	"	ND	"	91.0%	(32-125)	--	--	"	
Benzo (ghi) perylene	"	15.2	0.0258	0.943	"	"	ND	"	80.4%	(25-125)	--	--	"	
Chrysene	"	16.7	0.0247	0.0943	"	"	ND	"	88.4%	(30-125)	--	--	"	
Dibenz (a,h) anthracene	"	15.8	0.0240	0.0943	"	"	ND	"	83.6%	(24-125)	--	--	"	
Fluoranthene	"	16.5	0.0219	0.943	"	"	ND	"	87.3%	(47-125)	--	--	"	
Fluorene	"	15.6	0.0622	0.943	"	"	0.0351	"	82.4%	(44-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	15.8	0.0209	0.0943	"	"	ND	"	83.6%	(24-125)	--	--	"	
1-Methylnaphthalene	"	14.1	0.146	0.943	"	"	0.0277	"	74.5%	(26-125)	--	--	"	
2-Methylnaphthalene	"	14.9	0.224	0.943	"	"	ND	"	78.8%	(31-125)	--	--	"	
Naphthalene	"	14.3	0.0843	0.943	"	"	ND	"	75.7%	(32-125)	--	--	"	
Phenanthrene	"	15.5	0.0420	0.943	"	"	ND	"	82.0%	(39-125)	--	--	"	
Pyrene	"	17.6	0.0343	0.943	"	"	ND	"	93.1%	(38-125)	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 96.4%*			*Limits: 20-125%*	"							*06/02/06 16:40*	
1-Methylnaphthalene-d10		*87.3%*			*39-125%*	"							"	
Matrix Spike Dup (6E26040-MSD1)				**QC Source: BPE0789-02**				**Extracted: 05/26/06 10:38**						
Acenaphthene	EPA 8270C-HVI	13.4	0.0436	0.943	ug/l	10x	0.0299	18.9	70.7%	(43-125)	7.19%	(40)	06/02/06 17:13	
Acenaphthylene	"	13.5	0.0795	0.943	"	"	ND	"	71.4%	(29-125)	9.86%	"	"	
Anthracene	"	13.8	0.0323	0.943	"	"	ND	"	73.0%	(37-125)	8.33%	"	"	
Benzo (a) anthracene	"	14.7	0.0346	0.0943	"	"	ND	"	77.8%	(30-125)	9.71%	"	"	
Benzo (a) pyrene	"	14.0	0.0183	0.0943	"	"	ND	"	74.1%	(21-125)	9.52%	"	"	
Benzo (b) fluoranthene	"	13.6	0.0269	0.0943	"	"	ND	"	72.0%	(23-125)	4.32%	"	"	
Benzo (k) fluoranthene	"	15.5	0.0308	0.0943	"	"	ND	"	82.0%	(32-125)	10.4%	"	"	
Benzo (ghi) perylene	"	14.1	0.0258	0.943	"	"	ND	"	74.6%	(25-125)	7.51%	"	"	
Chrysene	"	15.3	0.0247	0.0943	"	"	ND	"	81.0%	(30-125)	8.75%	"	"	
Dibenz (a,h) anthracene	"	14.8	0.0240	0.0943	"	"	ND	"	78.3%	(24-125)	6.54%	"	"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26040 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6E26040-MSD1)					QC Source: BPE0789-02				Extracted: 05/26/06 10:38					
Fluoranthene	EPA 8270C-HVI	15.5	0.0219	0.943	ug/l	10x	ND	18.9	82.0%	(47-125)	6.25%	(40)	06/02/06 17:13	
Fluorene	"	14.4	0.0622	0.943	"	"	0.0351	"	76.0%	(44-125)	8.00%	"	"	
Indeno (1,2,3-cd) pyrene	"	14.5	0.0209	0.0943	"	"	ND	"	76.7%	(24-125)	8.58%	"	"	
1-Methylnaphthalene	"	12.9	0.146	0.943	"	"	0.0277	"	68.1%	(26-125)	8.89%	"	"	
2-Methylnaphthalene	"	13.8	0.224	0.943	"	"	ND	"	73.0%	(31-125)	7.67%	"	"	
Naphthalene	"	13.2	0.0843	0.943	"	"	ND	"	69.8%	(32-125)	8.00%	"	"	
Phenanthrene	"	14.5	0.0420	0.943	"	"	ND	"	76.7%	(39-125)	6.67%	"	"	
Pyrene	"	16.0	0.0343	0.943	"	"	ND	"	84.7%	(38-125)	9.52%	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery:*	*80.7%*		*Limits:*	*20-125%*	*"*						*06/02/06 17:13*	
1-Methylnaphthalene-d10			*84.0%*			*39-125%*	*"*						*"*	

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E26041-BLK2)									Extracted: 05/26/06 10:43					
Acenaphthene	EPA 8270C-HVI	ND	0.00462	0.100	ug/l	1x	--	--	--	--	--	--	05/30/06 16:40	
Acenaphthylene	"	ND	0.00843	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.00342	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.00367	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.00194	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.00285	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.00327	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.00274	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.00262	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.00254	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.00232	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.00659	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00222	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0155	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0237	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00894	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.00445	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.00364	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery:*	*56.9%*		*Limits:*	*20-125%*	*"*						*05/30/06 16:40*	
1-Methylnaphthalene-d10			*71.9%*			*39-125%*	*"*						*"*	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6E26041-BS2)								Extracted: 05/26/06 10:43						
Acenaphthene	EPA 8270C-HVI	14.2	0.0462	1.00	ug/l	10x	--	20.0	71.0%	(44-125)	--	--	05/30/06 17:13	
Acenaphthylene	"	15.1	0.0843	1.00	"	"	--	"	75.5%	(51-125)	--	--	"	
Anthracene	"	15.4	0.0342	1.00	"	"	--	"	77.0%	(50-125)	--	--	"	
Benzo (a) anthracene	"	15.6	0.0367	0.100	"	"	--	"	78.0%	"	--	--	"	
Benzo (a) pyrene	"	15.5	0.0194	0.100	"	"	--	"	77.5%	(47-125)	--	--	"	
Benzo (b) fluoranthene	"	14.8	0.0285	0.100	"	"	--	"	74.0%	(50-125)	--	--	"	
Benzo (k) fluoranthene	"	15.2	0.0327	0.100	"	"	--	"	76.0%	(46-125)	--	--	"	
Benzo (ghi) perylene	"	15.0	0.0274	1.00	"	"	--	"	75.0%	(49-125)	--	--	"	
Chrysene	"	16.5	0.0262	0.100	"	"	--	"	82.5%	(53-125)	--	--	"	
Dibenz (a,h) anthracene	"	14.3	0.0254	0.100	"	"	--	"	71.5%	(47-125)	--	--	"	
Fluoranthene	"	16.9	0.0232	1.00	"	"	--	"	84.5%	(55-125)	--	--	"	
Fluorene	"	14.3	0.0659	1.00	"	"	--	"	71.5%	(52-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	14.8	0.0222	0.100	"	"	--	"	74.0%	(49-125)	--	--	"	
1-Methylnaphthalene	"	13.9	0.155	1.00	"	"	--	"	69.5%	(37-125)	--	--	"	
2-Methylnaphthalene	"	14.2	0.237	1.00	"	"	--	"	71.0%	(40-125)	--	--	"	
Naphthalene	"	14.2	0.0894	1.00	"	"	--	"	71.0%	(42-125)	--	--	"	
Phenanthrene	"	15.4	0.0445	1.00	"	"	--	"	77.0%	(47-125)	--	--	"	
Pyrene	"	16.5	0.0364	1.00	"	"	--	"	82.5%	"	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 80.3%*		*Limits: 20-125%*		"							*05/30/06 17:13*	
1-Methylnaphthalene-d10		*88.5%*		*39-125%*		"							"	
Matrix Spike (6E26041-MS2)					QC Source: BPE0769-06			Extracted: 05/26/06 10:43						
Acenaphthene	EPA 8270C-HVI	12.4	0.0436	0.943	ug/l	10x	0.481	18.9	63.1%	(43-125)	--	--	06/27/06 14:25	
Acenaphthylene	"	13.9	0.0795	0.943	"	"	ND	"	73.5%	(29-125)	--	--	"	
Anthracene	"	15.4	0.0323	0.943	"	"	ND	"	81.5%	(37-125)	--	--	"	
Benzo (a) anthracene	"	14.7	0.0346	0.0943	"	"	ND	"	77.8%	(30-125)	--	--	"	
Benzo (a) pyrene	"	13.1	0.0183	0.0943	"	"	ND	"	69.3%	(21-125)	--	--	"	
Benzo (b) fluoranthene	"	13.9	0.0269	0.0943	"	"	ND	"	73.5%	(23-125)	--	--	"	
Benzo (k) fluoranthene	"	15.3	0.0308	0.0943	"	"	ND	"	81.0%	(32-125)	--	--	"	
Benzo (ghi) perylene	"	12.6	0.0258	0.943	"	"	ND	"	66.7%	(25-125)	--	--	"	
Chrysene	"	14.7	0.0247	0.0943	"	"	ND	"	77.8%	(30-125)	--	--	"	
Dibenz (a,h) anthracene	"	11.8	0.0240	0.0943	"	"	ND	"	62.4%	(24-125)	--	--	"	
Fluoranthene	"	17.2	0.0219	0.943	"	"	ND	"	91.0%	(47-125)	--	--	"	
Fluorene	"	12.6	0.0622	0.943	"	"	1.18	"	60.4%	(44-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	12.2	0.0209	0.0943	"	"	ND	"	64.6%	(24-125)	--	--	"	
1-Methylnaphthalene	"	8.79	0.146	0.943	"	"	ND	"	46.5%	(26-125)	--	--	"	
2-Methylnaphthalene	"	11.0	0.224	0.943	"	"	ND	"	58.2%	(31-125)	--	--	"	
Naphthalene	"	9.74	0.0843	0.943	"	"	ND	"	51.5%	(32-125)	--	--	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E26041 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6E26041-MS2)					QC Source: BPE0769-06			Extracted: 05/26/06 10:43						
Phenanthrene	EPA 8270C-HVI	15.4	0.0420	0.943	ug/l	10x	ND	18.9	81.5%	(39-125)	--	--	06/27/06 14:25	
Pyrene	"	16.2	0.0343	0.943	"	"	ND	"	85.7%	(38-125)	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 124%*			*Limits: 20-125%*	"							*06/27/06 14:25*	
1-Methylnaphthalene-d10		*82.9%*			*39-125%*	"							"	
Matrix Spike Dup (6E26041-MSD2)					QC Source: BPE0769-06			Extracted: 05/26/06 10:43						
Acenaphthene	EPA 8270C-HVI	9.36	0.0457	0.990	ug/l	10x	0.481	19.8	44.8%	(43-125)	27.9%	(40)	06/27/06 14:58	
Acenaphthylene	"	10.1	0.0835	0.990	"	"	ND	"	51.0%	(29-125)	31.7%	"	"	
Anthracene	"	13.3	0.0339	0.990	"	"	ND	"	67.2%	(37-125)	14.6%	"	"	
Benzo (a) anthracene	"	14.4	0.0363	0.0990	"	"	ND	"	72.7%	(30-125)	2.06%	"	"	
Benzo (a) pyrene	"	13.3	0.0192	0.0990	"	"	ND	"	67.2%	(21-125)	1.52%	"	"	
Benzo (b) fluoranthene	"	14.8	0.0282	0.0990	"	"	ND	"	74.7%	(23-125)	6.27%	"	"	
Benzo (k) fluoranthene	"	14.6	0.0324	0.0990	"	"	ND	"	73.7%	(32-125)	4.68%	"	"	
Benzo (ghi) perylene	"	12.7	0.0271	0.990	"	"	ND	"	64.1%	(25-125)	0.791%	"	"	
Chrysene	"	14.7	0.0259	0.0990	"	"	ND	"	74.2%	(30-125)	0.00%	"	"	
Dibenz (a,h) anthracene	"	12.3	0.0251	0.0990	"	"	ND	"	62.1%	(24-125)	4.15%	"	"	
Fluoranthene	"	14.3	0.0230	0.990	"	"	ND	"	72.2%	(47-125)	18.4%	"	"	
Fluorene	"	10.1	0.0652	0.990	"	"	1.18	"	45.1%	(44-125)	22.0%	"	"	
Indeno (1,2,3-cd) pyrene	"	12.5	0.0220	0.0990	"	"	ND	"	63.1%	(24-125)	2.43%	"	"	
1-Methylnaphthalene	"	6.92	0.153	0.990	"	"	ND	"	34.9%	(26-125)	23.8%	"	"	
2-Methylnaphthalene	"	8.21	0.235	0.990	"	"	ND	"	41.5%	(31-125)	29.0%	"	"	
Naphthalene	"	8.00	0.0885	0.990	"	"	ND	"	40.4%	(32-125)	19.6%	"	"	
Phenanthrene	"	12.9	0.0441	0.990	"	"	ND	"	65.2%	(39-125)	17.7%	"	"	
Pyrene	"	18.3	0.0360	0.990	"	"	ND	"	92.4%	(38-125)	12.2%	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 64.4%*			*Limits: 20-125%*	"							*06/27/06 14:58*	
1-Methylnaphthalene-d10		*63.3%*			*39-125%*	"							"	

TestAmerica - Seattle, WA

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

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:18

Notes and Definitions

Report Specific Notes:

D-06	-	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
D-14	-	Diluted due to matrix effect.
D-15	-	Hydrocarbon pattern most closely resembles a heavy fuel oil product.
J	-	Estimated value.
Q-06	-	Analyses are not controlled on RPD values from sample concentrations less than 5 times the reporting limit.
Q-41	-	This analyte had a high bias in the associated calibration verification standard.
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.

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPEU789

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy
City/State/ZIP: Bothell, WA
Project Manager:
Phone: (425) 420-9200
Fax: (425) 420-9210

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100F02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? RETEC-Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (Method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	MW-31-0506	2	5/23/06	1745	QM	Y/N		W			X	X						01
2	MW-18-	8		1625		N			X	X							Extra Sample for Lab QC	02
3	MW-10-	2		1513		N			X									03
4	MW-9-	4		1350		N			X	X								04
5	MW-9D-	4		1230		N			X	X								05
6	MW-37-	4		1238		N			X	X								06
7	MW-19-	2		1143		N			X									07
8	MW-38-	2		1059		N			X									08
9	MW-32-	2		1002		Y/N					X	X						09
10	MW-26-	4		0855		N			X	X								10
11	IA-W-5-	4		0905	CG	N			X	X								11
12	IB-W-2-	4		1010		N			X	X								12
13	IC-W-1	4		1335		N			X	X								13
14	IC-W-3	4		1135		N			X	X								14
15	IC-W-4	6		1235		Y/N			X	X	X	X						15

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/24/06 1706	[signature] Tozer	5/24/06 17:00
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: metals samples - dissolved samples were field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPEO781

LABORATORY INFORMATION

Laboratory: Test America
Project Manager:
Address: 11720 North Creek Pkwy
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA
Fax: (425) 420-9210

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100F02

CONSULTANT INFORMATION

Company: RETEC
Project Number: BN050-16423
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other _____

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables? _____
- [x] EDD Req, Format? RETEC-EQuIS

METHODS FOR ANALYSIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAHs (Method 8270C)	Total As & Pb	Dissolved As & Pb	COMMENTS	LAB USE
1	2A-W-1-0506	4	5/23/06	1450	CG	N		W	X	X				16
2	2A-W-100-	4		1515		N			X	X				17
3	2A-W-2-	4		1615		N			X	X				18
4	2A-W-6-	4		1710		N			X	X				19
5	1B-W-1-	4		1450	DWK	N			X	X				20
6	1A-W-2-	6		1530		Y/N			X	X	X	X		21
7	MW-22-	4		1625		N			X	X				22
8	5-W-3-	4		1700		N			X	X				23
9	5-W-2-	6		1740		Y/N			X	X	X	X		24
10	MW-43-	4	5/24/06	0750	QM	Y/N			X		X	X		25
11	2A-W-10-	2	5/24/06	1415	QM	N			X					26
QM	~~2A-W-1~~	~~2~~												
13	MW-40-	2		1230		N			X					27
14	MW-16-	2		1150		N			X					28
15	MW-34-	4		1000		Y/N			X		X	X		29

Relinquished By: [signature]	Date/Time: 5/24/06 1706	Received By: [signature]	Date/Time: 5/24/06 17:06
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Dissolved metals samples are field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPE0789

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy
City/State/ZIP: Bothell, WA
Project Manager:
Phone: (425) 420-9200
Fax: (425) 420-9210

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100F02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? RETEC, EQWS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	MW-29-0506	2	5/24/06	1053	QM	Y/N		W			X	X						30
2	MW-290-	2		0900		Y/N					X	X						31
3	MW-35-	4		0852		N			X	X								32
4	ZA-W-9-	4		1325		N			X	X								33
5	S-W-1-	4		0845	DWK	Y/N			X		X	X						34
6	S-W-10-	4		0855		Y/N			X		X	X						35
7	MW-36-	4		0925		N			X	X								36
8	MW-500-	6		0955		Y/N			X	X	X	X						37
9	MW-27-	4		1045		N			X	X								38
10	MW-270-	4		1055		N			X	X								39
11	MW-39-	4		1155		N			X	X								40
12	MW-20-	4		1345		N			X	X								41
13	MW-21-	6		1425		Y/N			X	X	X	X						42
14	MW-1-	2		1115	CG	N			X									43
15	MW-100-	2		1140	CG	N			X									44

Relinquished By: [signature]	Date/Time: 5/24/06 / 1706	Received By: [signature]	Date/Time: 5/24/06 17:06
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements:
Dissolved metals samples are field filtered

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPE0789

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy
City/State/ZIP: Bothell, WA
Project Manager:
Phone: (425) 420-9200
Fax: (425) 420-9210

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
Project State of Origin: WA
Project City: Skykomish
BNSF Work Order No.: TT0100F02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-7839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? RETEC Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (method 8270C)	Total As & Pb	Dissolved As & Pb							COMMENTS	LAB USE
1	2A-W-8-0506	2	5/24/06	1205	CG	N		W	X											45
2	5-W-4-	4		1320		N			X	X										46
3	5-W-40-	4		1345		N			X	X										47
4	MW-13-	2		1440		N			X											48
5	MW-14-	4		1515		N			X		X	X								49
6	2A-W-5-	2		1020		N			X											50
7	2A-W-7-	2		0935		N			X											51
8	2A-W-70-	2		1000		N			X											52
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/24/06 1706	[signature] Tonto	5/24/06 1706

Comments and Special Analytical Requirements: Dissolved metals Samples are field filtered

Received by Laboratory: Date/Time: Lab Remarks: Lab: Custody Intact? [ ] Yes [ ] No Custody Seal No.: BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES DUPLICATE - CONSULTANT Rev 10/02/05

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

June 27, 2006

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 05/25/06 13:15. The following list is a summary of the Work Orders contained in this report, generated on 06/27/06 17:30.

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

Work Order	Project	ProjectNumber
BPE0824	BNSF-Skykomish	BN050-16423-710

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 must be reproduced in its entirety.

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8-0506	BPE0824-01	Water	05/24/06 16:45	05/25/06 13:15
MW-4-0506	BPE0824-02	Water	05/24/06 16:30	05/25/06 13:15
MW-12-0506	BPE0824-03	Water	05/25/06 08:45	05/25/06 13:15
2A-W-11-0506	BPE0824-04	Water	05/25/06 09:05	05/25/06 13:15
MW-17-0506	BPE0824-05	Water	05/25/06 09:40	05/25/06 13:15
2B-W-4-0506	BPE0824-06	Water	05/25/06 08:20	05/25/06 13:15
MW-2-0506	BPE0824-07	Water	05/25/06 09:30	05/25/06 13:15
MW-3-0506	BPE0824-08	Water	05/25/06 10:25	05/25/06 13:15

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 must be reproduced in its entirety.

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Analytical Case Narrative

TestAmerica - Seattle, WA

BPE0824

SAMPLE RECEIPT

Samples were received May 25th, 2006 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 4.8 degrees Celsius. The following sample had a discrepancy between the COC and the sample labels: Sample 2B-W-4-0506 had a sampled time of 0840 on the label and 0820 on the COC. The sample was logged in per the COC
.

PREPARATIONS AND ANALYSIS

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up): No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Total Metals by EPA 6000/7000 Series Methods: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Dissolved Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Polynuclear Aromatic Compounds by GC/MS-SIM & High Volume Injection: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-01RE1 (MW-8-0506)			**Water**			**Sampled: 05/24/06 16:45**				
Diesel Range Hydrocarbons	NWTPH-Dx	**17.9**	-----	2.36	mg/l	10x	6F06048	06/06/06 12:34	06/08/06 02:45	
Lube Oil Range Hydrocarbons	"	**19.3**	-----	4.72	"	"	"	"	"	
Surrogate(s): 2-FBP			*103%*			*50 - 150 %*	"		"	
Octacosane			*98.3%*			*50 - 150 %*	"		"	
BPE0824-02RE1 (MW-4-0506)			**Water**			**Sampled: 05/24/06 16:30**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 02:59	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*107%*			*50 - 150 %*	"		"	
Octacosane			*116%*			*50 - 150 %*	"		"	
BPE0824-03RE1 (MW-12-0506)			**Water**			**Sampled: 05/25/06 08:45**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.236	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 03:29	
Lube Oil Range Hydrocarbons	"	ND	-----	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*97.5%*			*50 - 150 %*	"		"	
Octacosane			*111%*			*50 - 150 %*	"		"	
BPE0824-04RE1 (2A-W-11-0506)			**Water**			**Sampled: 05/25/06 09:05**				
Diesel Range Hydrocarbons	NWTPH-Dx	**0.380**	-----	0.238	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 03:42	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*102%*			*50 - 150 %*	"		"	
Octacosane			*107%*			*50 - 150 %*	"		"	
BPE0824-05RE1 (MW-17-0506)			**Water**			**Sampled: 05/25/06 09:40**				
Diesel Range Hydrocarbons	NWTPH-Dx	**2.87**	-----	0.472	mg/l	2x	6F06048	06/06/06 12:34	06/08/06 04:12	
Lube Oil Range Hydrocarbons	"	**2.37**	-----	0.943	"	"	"	"	"	
Surrogate(s): 2-FBP			*101%*			*50 - 150 %*	"		"	
Octacosane			*105%*			*50 - 150 %*	"		"	
BPE0824-06RE1 (2B-W-4-0506)			**Water**			**Sampled: 05/25/06 08:20**				
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 04:40	
Lube Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*99.2%*			*50 - 150 %*	"		"	
Octacosane			*108%*			*50 - 150 %*	"		"	

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Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-07RE1 (MW-2-0506)		**Water**			**Sampled: 05/25/06 09:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.240	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 06:07	
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP		*102%*			*50 - 150 %*	"			"	
Octacosane		*109%*			*50 - 150 %*	"			"	
BPE0824-08RE1 (MW-3-0506)		**Water**			**Sampled: 05/25/06 10:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	-----	0.240	mg/l	1x	6F06048	06/06/06 12:34	06/08/06 07:09	
Lube Oil Range Hydrocarbons	"	ND	-----	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP		*108%*			*50 - 150 %*	"			"	
Octacosane		*115%*			*50 - 150 %*	"			"	

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Total Metals by EPA 6000/7000 Series Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-06 (2B-W-4-0506)			**Water**		**Sampled: 05/25/06 08:20**					
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	06/01/06 00:04	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPE0824-07 (MW-2-0506)			**Water**		**Sampled: 05/25/06 09:30**					
Arsenic	EPA 6020	**0.000210**	*0.000140*	0.00100	mg/l	1x	6E30077	05/31/06 10:38	06/01/06 00:10	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-06 (2B-W-4-0506)		**Water**			**Sampled: 05/25/06 08:20**					
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 13:01	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPE0824-07 (MW-2-0506)		**Water**			**Sampled: 05/25/06 09:30**					
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6F01055	06/01/06 13:56	06/08/06 13:07	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-01RE1 (MW-8-0506)		**Water**			**Sampled: 05/24/06 16:45**					**O-08**
Acenaphthene	EPA 8270C-SIM	**3.29**	*0.0706*	0.0980	ug/l	1x	6F03011	06/03/06 16:19	06/07/06 16:55	
Acenaphthylene	"	ND	*0.0431*	0.0980	"	"	"	"	"	
Anthracene	"	ND	*0.0343*	0.0980	"	"	"	"	"	
Benzo (a) anthracene	"	**0.994**	*0.0294*	0.0980	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0255*	0.0980	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0794*	0.0980	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0206*	0.0980	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.282**	*0.0324*	0.0980	"	"	"	"	"	
Chrysene	"	**2.84**	*0.0176*	0.0980	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.322**	*0.0284*	0.0980	"	"	"	"	"	
Fluoranthene	"	**0.849**	*0.0206*	0.0980	"	"	"	"	"	
Fluorene	"	**6.35**	*0.0324*	0.0980	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.227**	*0.0275*	0.0980	"	"	"	"	"	
1-Methylnaphthalene	"	**11.8**	*0.0392*	0.0980	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0431*	0.0980	"	"	"	"	"	
Naphthalene	"	**2.06**	*0.0422*	0.0980	"	"	"	"	"	
Phenanthrene	"	**8.24**	*0.0255*	0.0980	"	"	"	"	"	
Pyrene	"	**2.92**	*0.0245*	0.0980	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14		*86.3%*			*20 - 131 %*	"			"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-03 (MW-12-0506)		**Water**			**Sampled: 05/25/06 08:45**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00457*	0.0990	ug/l	1x	6E30048	05/30/06 13:46	06/05/06 21:27	**BS-3**
Acenaphthylene	"	ND	*0.00835*	0.0990	"	"	"	"	"	**BS-3**
Anthracene	"	ND	*0.00339*	0.0990	"	"	"	"	"	**BS-3**
Benzo (a) anthracene	"	ND	*0.00363*	0.00990	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00192*	0.00990	"	"	"	"	"	**BS-3**
Benzo (b) fluoranthene	"	ND	*0.00282*	0.00990	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00324*	0.00990	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00271*	0.0990	"	"	"	"	"	**BS-3**
Chrysene	"	ND	*0.00259*	0.00990	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00251*	0.00990	"	"	"	"	"	
Fluoranthene	"	ND	*0.00230*	0.0990	"	"	"	"	"	**BS-3**
Fluorene	"	ND	*0.00652*	0.0990	"	"	"	"	"	**BS-3**
Indeno (1,2,3-cd) pyrene	"	ND	*0.00220*	0.00990	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0153*	0.0990	"	"	"	"	"	**BS-3**
2-Methylnaphthalene	"	ND	*0.0235*	0.0990	"	"	"	"	"	**BS-3**
Naphthalene	"	ND	*0.00885*	0.0990	"	"	"	"	"	**BS-3**
Phenanthrene	"	ND	*0.00441*	0.0990	"	"	"	"	"	**BS-3**
Pyrene	"	ND	*0.00360*	0.0990	"	"	"	"	"	**BS-3**
Surrogate(s):	*Benzo (a) pyrene-d12*		*29.0%*		*20 - 125 %*	"			"	
	1-Methylnaphthalene-d10		*90.6%*		*39 - 125 %*	"			"	
BPE0824-03RE1 (MW-12-0506)		**Water**			**Sampled: 05/25/06 08:45**					**O-08**
Acenaphthene	EPA 8270C-HVI	ND	*0.00436*	0.0943	ug/l	1x	6F03011	06/03/06 16:19	06/07/06 12:48	
Acenaphthylene	"	ND	*0.00795*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.00323*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00346*	0.00943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00183*	0.00943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00269*	0.00943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00308*	0.00943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00258*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.00247*	0.00943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00240*	0.00943	"	"	"	"	"	
Fluoranthene	"	ND	*0.00219*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.00622*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00209*	0.00943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0146*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0224*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.00843*	0.0943	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-03RE1 (MW-12-0506)		**Water**			**Sampled: 05/25/06 08:45**					**O-08**
Phenanthrene	EPA 8270C-HVI	ND	*0.00420*	0.0943	ug/l	1x	6F03011	06/03/06 16:19	06/07/06 12:48	
Pyrene	"	ND	*0.00343*	0.0943	"	"	"	"	"	
Surrogate(s): Benzo (a) pyrene-d12			*80.4%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*87.4%*			*39 - 125 %*	"		"	
BPE0824-04 (2A-W-11-0506)		**Water**			**Sampled: 05/25/06 09:05**					
Acenaphthene	EPA 8270C-HVI	ND	*0.00453*	0.0980	ug/l	1x	6E30048	05/30/06 13:46	06/05/06 22:00	**BS-3**
Acenaphthylene	"	ND	*0.00826*	0.0980	"	"	"	"	"	**BS-3**
Anthracene	"	ND	*0.00335*	0.0980	"	"	"	"	"	**BS-3**
Benzo (a) anthracene	"	ND	*0.00360*	0.00980	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00190*	0.00980	"	"	"	"	"	**BS-3**
Benzo (b) fluoranthene	"	ND	*0.00279*	0.00980	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00321*	0.00980	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00269*	0.0980	"	"	"	"	"	**BS-3**
Chrysene	"	ND	*0.00257*	0.00980	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00249*	0.00980	"	"	"	"	"	
Fluoranthene	"	ND	*0.00227*	0.0980	"	"	"	"	"	**BS-3**
Fluorene	"	**0.0862**	*0.00646*	0.0980	"	"	"	"	"	**J, BS-3**
Indeno (1,2,3-cd) pyrene	"	ND	*0.00218*	0.00980	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0152*	0.0980	"	"	"	"	"	**BS-3**
2-Methylnaphthalene	"	ND	*0.0232*	0.0980	"	"	"	"	"	**BS-3**
Naphthalene	"	ND	*0.00876*	0.0980	"	"	"	"	"	**BS-3**
Phenanthrene	"	ND	*0.00436*	0.0980	"	"	"	"	"	**BS-3**
Pyrene	"	ND	*0.00357*	0.0980	"	"	"	"	"	**BS-3**
Surrogate(s): Benzo (a) pyrene-d12			*29.0%*			*20 - 125 %*	"		"	
1-Methylnaphthalene-d10			*78.4%*			*39 - 125 %*	"		"	
BPE0824-04RE1 (2A-W-11-0506)		**Water**			**Sampled: 05/25/06 09:05**					**O-08**
Acenaphthene	EPA 8270C-HVI	ND	*0.00440*	0.0952	ug/l	1x	6F03011	06/03/06 16:19	06/07/06 13:21	
Acenaphthylene	"	ND	*0.00803*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.00326*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.00350*	0.00952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.00185*	0.00952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.00271*	0.00952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.00311*	0.00952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.00261*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.00250*	0.00952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.00242*	0.00952	"	"	"	"	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
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Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-04RE1 (2A-W-11-0506)		**Water**			**Sampled: 05/25/06 09:05**					**O-08**
Fluoranthene	"	ND	*0.00221*	0.0952	"	"	"	"	"	
Fluorene	"	ND	*0.00628*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.00211*	0.00952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0148*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0226*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.00851*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.00424*	0.0952	"	"	"	"	"	
Pyrene	"	**0.0268**	*0.00347*	0.0952	"	"	"	"	"	**J**
Surrogate(s): Benzo (a) pyrene-d12			*65.3%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*86.3%*		*39 - 125 %*		"		"	
BPE0824-05 (MW-17-0506)		**Water**			**Sampled: 05/25/06 09:40**					**D-14**
Acenaphthene	EPA 8270C-HVI	ND	*0.0906*	1.96	ug/l	20x	6E30048	05/30/06 13:46	06/05/06 23:38	**BS-3**
Acenaphthylene	"	ND	*0.165*	1.96	"	"	"	"	"	**BS-3**
Anthracene	"	**0.704**	*0.0671*	1.96	"	"	"	"	"	**J, BS-3**
Benzo (a) anthracene	"	ND	*0.0720*	0.196	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0380*	0.196	"	"	"	"	"	**BS-3**
Benzo (b) fluoranthene	"	ND	*0.0559*	0.196	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0641*	0.196	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0537*	1.96	"	"	"	"	"	**BS-3**
Chrysene	"	ND	*0.0514*	0.196	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0498*	0.196	"	"	"	"	"	
Fluoranthene	"	ND	*0.0455*	1.96	"	"	"	"	"	**BS-3**
Fluorene	"	ND	*0.129*	1.96	"	"	"	"	"	**BS-3**
Indeno (1,2,3-cd) pyrene	"	ND	*0.0435*	0.196	"	"	"	"	"	
1-Methylnaphthalene	"	**0.754**	*0.304*	1.96	"	"	"	"	"	**J, BS-3**
2-Methylnaphthalene	"	ND	*0.465*	1.96	"	"	"	"	"	**BS-3**
Naphthalene	"	ND	*0.175*	1.96	"	"	"	"	"	**BS-3**
Phenanthrene	"	**0.773**	*0.0873*	1.96	"	"	"	"	"	**J, BS-3**
Pyrene	"	**0.701**	*0.0714*	1.96	"	"	"	"	"	**J, BS-3**
Surrogate(s): Benzo (a) pyrene-d12			*87.8%*		*20 - 125 %*		"		"	
1-Methylnaphthalene-d10			*104%*		*39 - 125 %*		"		"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPE0824-05RE1 (MW-17-0506)		**Water**			**Sampled: 05/25/06 09:40**					**O-08, D-14**
Acenaphthene	EPA 8270C-HVI	**0.283**	*0.0880*	1.90	ug/l	20x	6F03011	06/03/06 16:19	06/07/06 14:27	**J**
Acenaphthylene	"	ND	*0.161*	1.90	"	"	"	"	"	
Anthracene	"	ND	*0.0651*	1.90	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0699*	0.190	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0370*	0.190	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0543*	0.190	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0623*	0.190	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0522*	1.90	"	"	"	"	"	
Chrysene	"	ND	*0.0499*	0.190	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0484*	0.190	"	"	"	"	"	
Fluoranthene	"	ND	*0.0442*	1.90	"	"	"	"	"	
Fluorene	"	ND	*0.126*	1.90	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0423*	0.190	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.295*	1.90	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.451*	1.90	"	"	"	"	"	
Naphthalene	"	ND	*0.170*	1.90	"	"	"	"	"	
Phenanthrene	"	ND	*0.0848*	1.90	"	"	"	"	"	
Pyrene	"	**0.281**	*0.0693*	1.90	"	"	"	"	"	**J**
Surrogate(s): Benzo (a) pyrene-d12			*NR*		*20 - 125 %*	"			"	***SR-5***
1-Methylnaphthalene-d10			*96.4%*		*39 - 125 %*	"			"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

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

TestAmerica - Seattle, WA

QC Batch: 6F06048 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F06048-BLK1)								Extracted: 06/06/06 12:34						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	06/08/06 06:21	
Lube Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 86.8%*			*Limits: 50-150%*	"							*06/08/06 06:21*	
Octacosane		*95.6%*			*50-150%*	"							"	
LCS (6F06048-BS1)								Extracted: 06/06/06 12:34						
Diesel Range Hydrocarbons	NWTPH-Dx	1.91	---	0.250	mg/l	1x	--	2.00	95.5%	(58-125)	--	--	06/07/06 20:41	
Lube Oil Range Hydrocarbons	"	1.83	---	0.500	"	"	--	"	91.5%	(60-140)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 104%*			*Limits: 50-150%*	"							*06/07/06 20:41*	
Octacosane		*110%*			*50-150%*	"							"	
Matrix Spike (6F06048-MS1)				QC Source: BPE0913-02RE1				Extracted: 06/06/06 13:35						
Diesel Range Hydrocarbons	NWTPH-Dx	5.92	---	1.39	mg/l	5x	4.80	2.22	50.5%	(25-149)	--	--	06/08/06 14:50	
Lube Oil Range Hydrocarbons	"	2.41	---	2.78	"	"	0.268	"	96.5%	(50-150)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 211%*			*Limits: 50-150%*	"							*06/08/06 14:50*	*SR-2*
Octacosane		*122%*			*50-150%*	"							"	
Matrix Spike Dup (6F06048-MSD1)				QC Source: BPE0913-02RE1				Extracted: 06/06/06 13:35						
Diesel Range Hydrocarbons	NWTPH-Dx	5.75	---	1.24	mg/l	5x	4.80	1.98	48.0%	(25-149)	2.91%	(40)	06/08/06 15:05	
Lube Oil Range Hydrocarbons	"	2.28	---	2.48	"	"	0.268	"	102%	(50-150)	5.54%	"	"	
Surrogate(s): 2-FBP		*Recovery: 231%*			*Limits: 50-150%*	"							*06/08/06 15:05*	*SR-2*
Octacosane		*123%*			*50-150%*	"							"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

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

TestAmerica - Seattle, WA

QC Batch: 6E30077 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E30077-BLK1)								**Extracted: 05/31/06 10:38**						
Arsenic	EPA 6020	ND	0.000140	0.00100	mg/l	1x	--	--	--	--	--	--	05/31/06 21:46	
Lead	"	ND	0.0000800	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6E30077-BS1)								**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	0.0839	0.0000800	0.00100	mg/l	1x	--	0.0800	105%	(80-120)	--	--	05/31/06 21:52	
Arsenic	"	0.0797	0.000140	0.00100	"	"	--	"	99.6%	"	--	--	"	
Duplicate (6E30077-DUP1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Arsenic	EPA 6020	0.000240	0.000140	0.00100	mg/l	1x	0.000150	--	--	--	46.2%	(20)	05/31/06 22:09	Q-06, J
Lead	"	0.000170	0.0000800	0.00100	"	"	ND	--	--	--		"	"	J
Matrix Spike (6E30077-MS1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	0.0837	0.0000800	0.00100	mg/l	1x	ND	0.0800	105%	(80-120)	--	--	05/31/06 22:04	
Arsenic	"	0.0802	0.000140	0.00100	"	"	0.000150	"	100%	(75-125)	--	--	"	
Post Spike (6E30077-PS1)				**QC Source: BPE0789-01**				**Extracted: 05/31/06 10:38**						
Lead	EPA 6020	0.101			ug/ml	1x	0.0000200	0.100	101%	(75-125)	--	--	05/31/06 21:58	
Arsenic	"	0.105			"	"	0.000150	"	105%	"	--	--	"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

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

TestAmerica - Seattle, WA

QC Batch: 6F01055 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F01055-BLK1)								**Extracted: 06/01/06 13:56**						
Lead	EPA 6020 - Diss	ND	0.0000200	0.00100	mg/l	1x	--	--	--	--	--	--	06/08/06 10:42	
Arsenic	"	ND	0.0000800	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6F01055-BS1)								**Extracted: 06/01/06 13:56**						
Arsenic	EPA 6020 - Diss	0.198	0.0000800	0.00100	mg/l	1x	--	0.200	99.0%	(80-120)	--	--	06/08/06 10:48	
Lead	"	0.199	0.0000200	0.00100	"	"	--	"	99.5%	"	--	--	"	
Duplicate (6F01055-DUP1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Arsenic	EPA 6020 - Diss	0.00444	0.0000800	0.00100	mg/l	1x	0.00430	--	--	--	3.20%	(20)	06/08/06 10:59	
Lead	"	0.0000200	0.0000200	0.00100	"	"	ND	--	--	--		"	"	J
Matrix Spike (6F01055-MS1)				**QC Source: BPE0648-03**				**Extracted: 06/01/06 13:56**						
Arsenic	EPA 6020 - Diss	0.104	0.0000800	0.00100	mg/l	1x	0.00430	0.100	99.7%	(80-128)	--	--	06/08/06 10:53	
Lead	"	0.0972	0.0000200	0.00100	"	"	ND	0.0995	97.7%	(77-120)	--	--	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6F03011 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F03011-BLK3)								**Extracted: 06/03/06 16:19**						
Acenaphthene	EPA 8270C-SIM	ND	0.0720	0.100	ug/l	1x	--	--	--	--	--	--	06/07/06 16:23	
Acenaphthylene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0350	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0300	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	0.0920	0.0260	0.100	"	"	--	--	--	--	--	--	"	J
Benzo (b) fluoranthene	"	ND	0.0810	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0180	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.0290	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0280	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0400	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0430	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0250	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 103%*		*Limits: 20-131%*		"							*06/07/06 16:23*	
LCS (6F03011-BS3)								**Extracted: 06/03/06 16:19**						
Acenaphthene	EPA 8270C-SIM	18.4	0.0720	0.100	ug/l	1x	--	20.0	92.0%	(68-129)	--	--	06/07/06 15:50	
Acenaphthylene	"	21.0	0.0440	0.100	"	"	--	"	105%	(77-129)	--	--	"	
Anthracene	"	22.5	0.0350	0.100	"	"	--	"	112%	(80-146)	--	--	"	
Benzo (a) anthracene	"	18.1	0.0300	0.100	"	"	--	"	90.5%	(73-120)	--	--	"	
Benzo (a) pyrene	"	18.7	0.0260	0.100	"	"	--	"	93.5%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	20.4	0.0810	0.100	"	"	--	"	102%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	18.9	0.0210	0.100	"	"	--	"	94.5%	(63-150)	--	--	"	
Benzo (ghi) perylene	"	17.8	0.0330	0.100	"	"	--	"	89.0%	(46-142)	--	--	"	
Chrysene	"	19.0	0.0180	0.100	"	"	--	"	95.0%	(84-132)	--	--	"	
Dibenz (a,h) anthracene	"	17.5	0.0290	0.100	"	"	--	"	87.5%	(56-138)	--	--	"	
Fluoranthene	"	20.5	0.0210	0.100	"	"	--	"	102%	(79-138)	--	--	"	
Fluorene	"	20.9	0.0330	0.100	"	"	--	"	104%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	17.2	0.0280	0.100	"	"	--	"	86.0%	(53-136)	--	--	"	
1-Methylnaphthalene	"	12.2	0.0400	0.100	"	"	--	"	61.0%	(41-120)	--	--	"	
2-Methylnaphthalene	"	13.7	0.0440	0.100	"	"	--	"	68.5%	(43-122)	--	--	"	
Naphthalene	"	12.8	0.0430	0.100	"	"	--	"	64.0%	(38-128)	--	--	"	
Phenanthrene	"	19.5	0.0260	0.100	"	"	--	"	97.5%	(77-123)	--	--	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6F03011 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6F03011-BS3)								**Extracted: 06/03/06 16:19**						
Pyrene	EPA 8270C-SIM	19.4	0.0250	0.100	ug/l	1x	--	20.0	97.0%	(60-150)	--	--	06/07/06 15:50	
Surrogate(s): p-Terphenyl-d14		*Recovery: 99.8%*		*Limits: 20-131%*		*"*							*06/07/06 15:50*	
LCS Dup (6F03011-BSD3)								**Extracted: 06/03/06 16:19**						
Acenaphthene	EPA 8270C-SIM	21.4	0.0720	0.100	ug/l	1x	--	20.0	107%	(68-129)	15.1%	(30)	06/07/06 15:18	
Acenaphthylene	"	24.5	0.0440	0.100	"	"	--	"	122%	(77-129)	15.4%	"	"	
Anthracene	"	25.5	0.0350	0.100	"	"	--	"	128%	(80-146)	12.5%	"	"	
Benzo (a) anthracene	"	20.3	0.0300	0.100	"	"	--	"	102%	(73-120)	11.5%	"	"	
Benzo (a) pyrene	"	20.6	0.0260	0.100	"	"	--	"	103%	(70-132)	9.67%	"	"	
Benzo (b) fluoranthene	"	21.8	0.0810	0.100	"	"	--	"	109%	(68-148)	6.64%	"	"	
Benzo (k) fluoranthene	"	22.0	0.0210	0.100	"	"	--	"	110%	(63-150)	15.2%	"	"	
Benzo (ghi) perylene	"	19.2	0.0330	0.100	"	"	--	"	96.0%	(46-142)	7.57%	"	"	
Chrysene	"	21.5	0.0180	0.100	"	"	--	"	108%	(84-132)	12.3%	"	"	
Dibenz (a,h) anthracene	"	18.6	0.0290	0.100	"	"	--	"	93.0%	(56-138)	6.09%	"	"	
Fluoranthene	"	22.9	0.0210	0.100	"	"	--	"	114%	(79-138)	11.1%	"	"	
Fluorene	"	24.0	0.0330	0.100	"	"	--	"	120%	(42-120)	13.8%	"	"	
Indeno (1,2,3-cd) pyrene	"	18.4	0.0280	0.100	"	"	--	"	92.0%	(53-136)	6.74%	"	"	
1-Methylnaphthalene	"	14.3	0.0400	0.100	"	"	--	"	71.5%	(41-120)	15.8%	"	"	
2-Methylnaphthalene	"	16.1	0.0440	0.100	"	"	--	"	80.5%	(43-122)	16.1%	"	"	
Naphthalene	"	14.8	0.0430	0.100	"	"	--	"	74.0%	(38-128)	14.5%	"	"	
Phenanthrene	"	22.5	0.0260	0.100	"	"	--	"	112%	(77-123)	14.3%	"	"	
Pyrene	"	22.5	0.0250	0.100	"	"	--	"	112%	(60-150)	14.8%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 94.2%*		*Limits: 20-131%*		*"*							*06/07/06 15:18*	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E30048 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6E30048-BLK2)								Extracted: 05/30/06 13:46						
Acenaphthene	EPA 8270C-HVI	ND	0.00462	0.100	ug/l	1x	--	--	--	--	--	--	06/05/06 19:15	
Acenaphthylene	"	ND	0.00843	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.00342	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.00367	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.00194	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.00285	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.00327	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.00274	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.00262	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.00254	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.00232	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.00659	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00222	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0155	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0237	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00894	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.00445	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.00364	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 80.2%*			*Limits: 20-125%*	"							*06/05/06 19:15*	
1-Methylnaphthalene-d10		*76.1%*			*39-125%*	"							"	
LCS (6E30048-BS2)								Extracted: 05/30/06 13:46						
Acenaphthene	EPA 8270C-HVI	13.6	0.0462	1.00	ug/l	10x	--	20.0	68.0%	(44-125)	--	--	06/05/06 18:10	
Acenaphthylene	"	6.79	0.0843	1.00	"	"	--	"	34.0%	(51-125)	--	--	"	BS-3
Anthracene	"	13.8	0.0342	1.00	"	"	--	"	69.0%	(50-125)	--	--	"	
Benzo (a) anthracene	"	15.0	0.0367	0.100	"	"	--	"	75.0%	"	--	--	"	
Benzo (a) pyrene	"	10.4	0.0194	0.100	"	"	--	"	52.0%	(47-125)	--	--	"	
Benzo (b) fluoranthene	"	14.2	0.0285	0.100	"	"	--	"	71.0%	(50-125)	--	--	"	
Benzo (k) fluoranthene	"	16.2	0.0327	0.100	"	"	--	"	81.0%	(46-125)	--	--	"	
Benzo (ghi) perylene	"	12.4	0.0274	1.00	"	"	--	"	62.0%	(49-125)	--	--	"	
Chrysene	"	16.0	0.0262	0.100	"	"	--	"	80.0%	(53-125)	--	--	"	
Dibenz (a,h) anthracene	"	14.4	0.0254	0.100	"	"	--	"	72.0%	(47-125)	--	--	"	
Fluoranthene	"	15.0	0.0232	1.00	"	"	--	"	75.0%	(55-125)	--	--	"	
Fluorene	"	14.5	0.0659	1.00	"	"	--	"	72.5%	(52-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	13.6	0.0222	0.100	"	"	--	"	68.0%	(49-125)	--	--	"	
1-Methylnaphthalene	"	13.5	0.155	1.00	"	"	--	"	67.5%	(37-125)	--	--	"	
2-Methylnaphthalene	"	14.4	0.237	1.00	"	"	--	"	72.0%	(40-125)	--	--	"	
Naphthalene	"	14.2	0.0894	1.00	"	"	--	"	71.0%	(42-125)	--	--	"	

TestAmerica - Seattle, WA

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6E30048 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6E30048-BS2)								Extracted: 05/30/06 13:46						
Phenanthrene	EPA 8270C-HVI	13.9	0.0445	1.00	ug/l	10x	--	20.0	69.5%	(47-125)	--	--	06/05/06 18:10	
Pyrene	"	14.8	0.0364	1.00	"	"	--	"	74.0%	"	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 41.2%*			*Limits: 20-125%*	"							*06/05/06 18:10*	
1-Methylnaphthalene-d10		*78.0%*			*39-125%*	"							"	
LCS Dup (6E30048-BSD2)								Extracted: 05/30/06 13:46						
Acenaphthene	EPA 8270C-HVI	1.47	0.0462	1.00	ug/l	10x	--	20.0	7.35%	(44-125)	161%	(35)	06/05/06 18:42	BS-3
Acenaphthylene	"	1.13	0.0843	1.00	"	"	--	"	5.65%	(51-125)	143%	"	"	BS-3
Anthracene	"	2.87	0.0342	1.00	"	"	--	"	14.4%	(50-125)	131%	"	"	BS-3
Benzo (a) anthracene	"	11.4	0.0367	0.100	"	"	--	"	57.0%	"	27.3%	"	"	
Benzo (a) pyrene	"	7.53	0.0194	0.100	"	"	--	"	37.6%	(47-125)	32.0%	"	"	BS-3
Benzo (b) fluoranthene	"	10.9	0.0285	0.100	"	"	--	"	54.5%	(50-125)	26.3%	"	"	
Benzo (k) fluoranthene	"	15.4	0.0327	0.100	"	"	--	"	77.0%	(46-125)	5.06%	"	"	
Benzo (ghi) perylene	"	8.90	0.0274	1.00	"	"	--	"	44.5%	(49-125)	32.9%	"	"	BS-3
Chrysene	"	13.1	0.0262	0.100	"	"	--	"	65.5%	(53-125)	19.9%	"	"	
Dibenz (a,h) anthracene	"	13.6	0.0254	0.100	"	"	--	"	68.0%	(47-125)	5.71%	"	"	
Fluoranthene	"	7.00	0.0232	1.00	"	"	--	"	35.0%	(55-125)	72.7%	"	"	BS-3
Fluorene	"	1.82	0.0659	1.00	"	"	--	"	9.10%	(52-125)	155%	"	"	BS-3
Indeno (1,2,3-cd) pyrene	"	10.8	0.0222	0.100	"	"	--	"	54.0%	(49-125)	23.0%	"	"	
1-Methylnaphthalene	"	1.33	0.155	1.00	"	"	--	"	6.65%	(37-125)	164%	"	"	BS-3
2-Methylnaphthalene	"	1.31	0.237	1.00	"	"	--	"	6.55%	(40-125)	167%	"	"	BS-3
Naphthalene	"	1.39	0.0894	1.00	"	"	--	"	6.95%	(42-125)	164%	"	"	BS-3
Phenanthrene	"	2.82	0.0445	1.00	"	"	--	"	14.1%	(47-125)	133%	"	"	BS-3
Pyrene	"	7.52	0.0364	1.00	"	"	--	"	37.6%	"	65.2%	"	"	BS-3
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 22.5%*			*Limits: 20-125%*	"							*06/05/06 18:42*	
1-Methylnaphthalene-d10		*13.4%*			*39-125%*	"							"	*SR-1*

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6F03011 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6F03011-BLK2)								Extracted: 06/03/06 16:19						
Acenaphthene	EPA 8270C-HVI	ND	0.00462	0.100	ug/l	1x	--	--	--	--	--	--	06/05/06 19:48	
Acenaphthylene	"	ND	0.00843	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.00342	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.00367	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.00194	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.00285	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.00327	0.0100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.00274	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.00262	0.0100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.00254	0.0100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.00232	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.00659	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.00222	0.0100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0155	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0237	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.00894	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.00445	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.00364	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 80.9%*			*Limits: 20-125%*	"							*06/05/06 19:48*	
1-Methylnaphthalene-d10		*85.7%*			*39-125%*	"							"	
LCS (6F03011-BS2)								Extracted: 06/03/06 16:19						
Acenaphthene	EPA 8270C-HVI	15.1	0.0462	1.00	ug/l	10x	--	20.0	75.5%	(44-125)	--	--	06/05/06 20:21	
Acenaphthylene	"	15.0	0.0843	1.00	"	"	--	"	75.0%	(51-125)	--	--	"	
Anthracene	"	15.6	0.0342	1.00	"	"	--	"	78.0%	(50-125)	--	--	"	
Benzo (a) anthracene	"	15.0	0.0367	0.100	"	"	--	"	75.0%	"	--	--	"	
Benzo (a) pyrene	"	15.3	0.0194	0.100	"	"	--	"	76.5%	(47-125)	--	--	"	
Benzo (b) fluoranthene	"	14.1	0.0285	0.100	"	"	--	"	70.5%	(50-125)	--	--	"	
Benzo (k) fluoranthene	"	18.0	0.0327	0.100	"	"	--	"	90.0%	(46-125)	--	--	"	
Benzo (ghi) perylene	"	13.0	0.0274	1.00	"	"	--	"	65.0%	(49-125)	--	--	"	
Chrysene	"	16.3	0.0262	0.100	"	"	--	"	81.5%	(53-125)	--	--	"	
Dibenz (a,h) anthracene	"	14.4	0.0254	0.100	"	"	--	"	72.0%	(47-125)	--	--	"	
Fluoranthene	"	16.3	0.0232	1.00	"	"	--	"	81.5%	(55-125)	--	--	"	
Fluorene	"	16.2	0.0659	1.00	"	"	--	"	81.0%	(52-125)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	14.0	0.0222	0.100	"	"	--	"	70.0%	(49-125)	--	--	"	
1-Methylnaphthalene	"	11.6	0.155	1.00	"	"	--	"	58.0%	(37-125)	--	--	"	
2-Methylnaphthalene	"	12.2	0.237	1.00	"	"	--	"	61.0%	(40-125)	--	--	"	
Naphthalene	"	12.1	0.0894	1.00	"	"	--	"	60.5%	(42-125)	--	--	"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Polynuclear Aromatic Compounds by GC/MS with High Volume Injection - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6F03011 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6F03011-BS2)								**Extracted: 06/03/06 16:19**						
Phenanthrene	EPA 8270C-HVI	15.4	0.0445	1.00	ug/l	10x	--	20.0	77.0%	(47-125)	--	--	06/05/06 20:21	
Pyrene	"	17.1	0.0364	1.00	"	"	--	"	85.5%	"	--	--	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 91.6%*			*Limits: 20-125%*	*"*							*06/05/06 20:21*	
1-Methylnaphthalene-d10		*80.2%*			*39-125%*	*"*							*"*	
LCS Dup (6F03011-BSD2)								**Extracted: 06/03/06 16:19**						
Acenaphthene	EPA 8270C-HVI	17.5	0.0462	1.00	ug/l	10x	--	20.0	87.5%	(44-125)	14.7%	(35)	06/05/06 20:54	
Acenaphthylene	"	16.8	0.0843	1.00	"	"	--	"	84.0%	(51-125)	11.3%	"	"	
Anthracene	"	17.9	0.0342	1.00	"	"	--	"	89.5%	(50-125)	13.7%	"	"	
Benzo (a) anthracene	"	16.7	0.0367	0.100	"	"	--	"	83.5%	"	10.7%	"	"	
Benzo (a) pyrene	"	16.7	0.0194	0.100	"	"	--	"	83.5%	(47-125)	8.75%	"	"	
Benzo (b) fluoranthene	"	16.0	0.0285	0.100	"	"	--	"	80.0%	(50-125)	12.6%	"	"	
Benzo (k) fluoranthene	"	18.7	0.0327	0.100	"	"	--	"	93.5%	(46-125)	3.81%	"	"	
Benzo (ghi) perylene	"	14.1	0.0274	1.00	"	"	--	"	70.5%	(49-125)	8.12%	"	"	
Chrysene	"	17.4	0.0262	0.100	"	"	--	"	87.0%	(53-125)	6.53%	"	"	
Dibenz (a,h) anthracene	"	15.6	0.0254	0.100	"	"	--	"	78.0%	(47-125)	8.00%	"	"	
Fluoranthene	"	18.0	0.0232	1.00	"	"	--	"	90.0%	(55-125)	9.91%	"	"	
Fluorene	"	18.2	0.0659	1.00	"	"	--	"	91.0%	(52-125)	11.6%	"	"	
Indeno (1,2,3-cd) pyrene	"	15.3	0.0222	0.100	"	"	--	"	76.5%	(49-125)	8.87%	"	"	
1-Methylnaphthalene	"	13.2	0.155	1.00	"	"	--	"	66.0%	(37-125)	12.9%	"	"	
2-Methylnaphthalene	"	13.8	0.237	1.00	"	"	--	"	69.0%	(40-125)	12.3%	"	"	
Naphthalene	"	13.5	0.0894	1.00	"	"	--	"	67.5%	(42-125)	10.9%	"	"	
Phenanthrene	"	17.5	0.0445	1.00	"	"	--	"	87.5%	(47-125)	12.8%	"	"	
Pyrene	"	19.0	0.0364	1.00	"	"	--	"	95.0%	"	10.5%	"	"	
Surrogate(s): Benzo (a) pyrene-d12		*Recovery: 87.5%*			*Limits: 20-125%*	*"*							*06/05/06 20:54*	
1-Methylnaphthalene-d10		*70.0%*			*39-125%*	*"*							*"*	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	06/27/06 17:30

Notes and Definitions

Report Specific Notes:

BS-3	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below the laboratory control limits. A low bias to sample results is indicated.
D-14	-	Diluted due to matrix effect.
J	-	Estimated value.
O-08	-	The original extraction of this sample yielded QC recoveries outside acceptance criteria. The sample was re-extracted outside of the recommended hold time.
Q-06	-	Analyses are not controlled on RPD values from sample concentrations less than 5 times the reporting limit.
SR-1	-	Surrogate recovery was below the acceptance limits.
SR-2	-	Surrogate recovery was above the acceptance limits.
SR-5	-	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.

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.

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy
City/State/ZIP: Bothell, WA
Project Manager:
Phone: (425) 420-9200
Fax: (425) 420-9210

LAB WORK ORDER: BPE0824

SHIPMENT INFORMATION

Shipment Method: Hand Delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
Project State of Origin: WA
Project City: Skykomish
BNSF Work Order No.: TT0100F02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? RETEC-EQUIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-DX	PAHs (Method 8270C)	Total Pb	Dissolved As & Pb							COMMENTS	LAB USE
1	MW-8-0506	4	5/24/06	1645	DWK	N		W	X	X										01
2	MW-4-	2	"	1630	CG	N			X											02
3	MW-12-	4	5/25/06	0845	DWK	N			X	X										03
4	2A-W-11-	4		0905		N			X	X										04
5	MW-17-	4		0940		N			X	X										05
6	2B-W-4-	4		0820	CG	Y/N			X		X	X								06
7	MW-2-	4		0930		Y/N			X		X	X								07
8	MW-3-	2		1025		N			X											08
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	5/26/06 13:15	Kathy Gamble	5/26/06 13:15
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? [ ] Yes [ ] No

Comments and Special Analytical Requirements: Dissolved metals field filtered

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

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 14, 2006

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 11/29/06 14:15.
The following list is a summary of the Work Orders contained in this report, generated on 12/14/06 17:44.

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

Work Order	Project	ProjectNumber
BPK0738	BNSF-Skykomish	BN050-16423-710

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2A-W-4-1106	BPK0738-01	Water	11/28/06 10:00	11/29/06 14:15
2A-W-3-1106	BPK0738-02	Water	11/28/06 10:45	11/29/06 14:15
1A-W-3-1106	BPK0738-03	Water	11/28/06 11:30	11/29/06 14:15
5-W-1-1106	BPK0738-04	Water	11/28/06 12:10	11/29/06 14:15
5-W-10-1106	BPK0738-05	Water	11/28/06 12:20	11/29/06 14:15
MW-22-1106	BPK0738-06	Water	11/28/06 12:45	11/29/06 14:15
5-W-3-1106	BPK0738-07	Water	11/28/06 13:45	11/29/06 14:15
MW-20-1106	BPK0738-08	Water	11/28/06 14:50	11/29/06 14:15
MW-36-1106	BPK0738-09	Water	11/28/06 15:30	11/29/06 14:15
2A-W-7-1106	BPK0738-10	Water	11/28/06 09:55	11/29/06 14:15
2A-W-70-1106	BPK0738-11	Water	11/28/06 09:30	11/29/06 14:15
MW-29-1106	BPK0738-12	Water	11/28/06 10:45	11/29/06 14:15
MW-11-1106	BPK0738-13	Water	11/28/06 11:40	11/29/06 14:15
MW-10-1106	BPK0738-14	Water	11/28/06 13:15	11/29/06 14:15
MW-16-1106	BPK0738-15	Water	11/28/06 16:40	11/29/06 14:15
MW-9-1106	BPK0738-16	Water	11/28/06 14:15	11/29/06 14:15
MW-90-1106	BPK0738-17	Water	11/28/06 13:30	11/29/06 14:15
MW-31-1106	BPK0738-18	Water	11/28/06 15:55	11/29/06 14:15
MW-310-1106	BPK0738-19	Water	11/28/06 15:30	11/29/06 14:15
1A-W-4-1106	BPK0738-20	Water	11/28/06 10:00	11/29/06 14:15
1A-W-1-1106	BPK0738-21	Water	11/28/06 11:07	11/29/06 14:15
1A-W-10-1106	BPK0738-22	Water	11/28/06 12:00	11/29/06 14:15
2A-W-6-1106	BPK0738-23	Water	11/28/06 12:37	11/29/06 14:15
1A-W-5-1106	BPK0738-24	Water	11/28/06 13:56	11/29/06 14:15
2A-W-2-1106	BPK0738-25	Water	11/28/06 15:00	11/29/06 14:15
2A-W-20-1106	BPK0738-26	Water	11/28/06 16:00	11/29/06 14:15
5-W-4-1106	BPK0738-27	Water	11/28/06 15:45	11/29/06 14:15
5-W-2-1106	BPK0738-28	Water	11/29/06 09:15	11/29/06 14:15
1B-W-1-1106	BPK0738-29	Water	11/29/06 10:50	11/29/06 14:15
MW-35-1106	BPK0738-30	Water	11/29/06 12:00	11/29/06 14:15
MW-27-1106	BPK0738-31	Water	11/29/06 12:10	11/29/06 14:15
MW-270-1106	BPK0738-32	Water	11/29/06 12:20	11/29/06 14:15
MW-34-1106	BPK0738-33	Water	11/29/06 11:15	11/29/06 14:15
MW-37-1106	BPK0738-34	Water	11/29/06 10:30	11/29/06 14:15
MW-26-1106	BPK0738-35	Water	11/29/06 09:40	11/29/06 14:15

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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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1C-W-1-1106	BPK0738-36	Water	11/29/06 12:25	11/29/06 14:15
1C-W-4-1106	BPK0738-37	Water	11/29/06 11:03	11/29/06 14:15
1C-W-3-1106	BPK0738-38	Water	11/29/06 09:25	11/29/06 14:15

TestAmerica - Seattle, WA

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Analytical Case Narrative

TestAmerica - Seattle, WA

BPK0738

SAMPLE RECEIPT

The samples were received November 29th, 2006 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 5.9 degrees Celsius.

PREPARATIONS AND ANALYSIS

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up): No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

Total Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Dissolved Metals by EPA 6000/7000 Series Methods: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

Polynuclear Aromatic Compounds by GC/MS-SIM: No anomalies were associated with the sample preparation and analysis. All criteria for acceptable QC measurements were met.

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-01 (2A-W-4-1106)			**Water**		**Sampled: 11/28/06 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**6.22**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/08/06 19:16	**Q4**
Surrogate(s): 2-FBP			*119%*		*53 - 125 %*	"			"	
Octacosane			*100%*		*68 - 125 %*	"			"	
BPK0738-01RE1 (2A-W-4-1106)			**Water**		**Sampled: 11/28/06 10:00**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**4.21**	*0.170*	0.943	mg/l	2x	6L01020	12/01/06 09:54	12/09/06 15:01	**Q4**
Surrogate(s): 2-FBP			*111%*		*53 - 125 %*	"			"	
Octacosane			*111%*		*68 - 125 %*	"			"	
BPK0738-02RE1 (2A-W-3-1106)			**Water**		**Sampled: 11/28/06 10:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.04**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 15:27	
Lube Oil Range Hydrocarbons	"	**0.421**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*104%*		*53 - 125 %*	"			"	
Octacosane			*92.4%*		*68 - 125 %*	"			"	
BPK0738-03RE1 (1A-W-3-1106)			**Water**		**Sampled: 11/28/06 11:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.441**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 15:53	
Lube Oil Range Hydrocarbons	"	**0.319**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*113%*		*53 - 125 %*	"			"	
Octacosane			*102%*		*68 - 125 %*	"			"	
BPK0738-04RE1 (5-W-1-1106)			**Water**		**Sampled: 11/28/06 12:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**13.7**	*0.377*	2.36	mg/l	10x	6L01020	12/01/06 09:54	12/09/06 16:20	
Lube Oil Range Hydrocarbons	"	**12.1**	*0.849*	4.72	"	"	"	"	"	
Surrogate(s): 2-FBP			*134%*		*53 - 125 %*	"			"	***ZX***
Octacosane			*160%*		*68 - 125 %*	"			"	***ZX***
BPK0738-06 (MW-22-1106)			**Water**		**Sampled: 11/28/06 12:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**6.65**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/08/06 22:19	**Q4**
Surrogate(s): 2-FBP			*143%*		*53 - 125 %*	"			"	***ZX***
Octacosane			*141%*		*68 - 125 %*	"			"	***ZX***

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-06RE1 (MW-22-1106)			**Water**		**Sampled: 11/28/06 12:45**					
Lube Oil Range Hydrocarbons	NWTPH-Dx	**5.82**	*0.425*	2.36	mg/l	5x	6L01020	12/01/06 09:54	12/09/06 16:46	
Surrogate(s): 2-FBP			*123%*		*53 - 125 %*	"			"	
Octacosane			*125%*		*68 - 125 %*	"			"	
BPK0738-07RE1 (5-W-3-1106)			**Water**		**Sampled: 11/28/06 13:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.99**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 17:12	
Lube Oil Range Hydrocarbons	"	**0.762**	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*115%*		*53 - 125 %*	"			"	
Octacosane			*98.7%*		*68 - 125 %*	"			"	
BPK0738-08 (MW-20-1106)			**Water**		**Sampled: 11/28/06 14:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**5.10**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/08/06 23:11	**Q4**
Lube Oil Range Hydrocarbons	"	**4.14**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*141%*		*53 - 125 %*	"			"	***ZX***
Octacosane			*129%*		*68 - 125 %*	"			"	***ZX***
BPK0738-09 (MW-36-1106)			**Water**		**Sampled: 11/28/06 15:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.64**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/08/06 23:37	**Q4**
Lube Oil Range Hydrocarbons	"	**1.72**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*119%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BPK0738-10 (2A-W-7-1106)			**Water**		**Sampled: 11/28/06 09:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 00:03	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*106%*		*53 - 125 %*	"			"	
Octacosane			*100%*		*68 - 125 %*	"			"	
BPK0738-11 (2A-W-70-1106)			**Water**		**Sampled: 11/28/06 09:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 00:29	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*108%*		*53 - 125 %*	"			"	
Octacosane			*101%*		*68 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-13 (MW-11-1106)			**Water**		**Sampled: 11/28/06 11:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	**2.06**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 00:55	
Lube Oil Range Hydrocarbons	"	**0.339**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*115%*		*53 - 125 %*	"			"	
Octacosane			*100%*		*68 - 125 %*	"			"	
BPK0738-14 (MW-10-1106)			**Water**		**Sampled: 11/28/06 13:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.590**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 01:21	**Q6**
Lube Oil Range Hydrocarbons	"	**0.157**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*109%*		*53 - 125 %*	"			"	
Octacosane			*100%*		*68 - 125 %*	"			"	
BPK0738-15 (MW-16-1106)			**Water**		**Sampled: 11/28/06 16:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 01:47	
Lube Oil Range Hydrocarbons	"	**0.0976**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*104%*		*53 - 125 %*	"			"	
Octacosane			*104%*		*68 - 125 %*	"			"	
BPK0738-16 (MW-9-1106)			**Water**		**Sampled: 11/28/06 14:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.622**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 02:13	**Q4**
Lube Oil Range Hydrocarbons	"	**0.194**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*117%*		*53 - 125 %*	"			"	
Octacosane			*105%*		*68 - 125 %*	"			"	
BPK0738-17 (MW-90-1106)			**Water**		**Sampled: 11/28/06 13:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.584**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 03:57	**Q4**
Lube Oil Range Hydrocarbons	"	**0.187**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*119%*		*53 - 125 %*	"			"	
Octacosane			*107%*		*68 - 125 %*	"			"	
BPK0738-20 (1A-W-4-1106)			**Water**		**Sampled: 11/28/06 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 04:23	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*112%*		*53 - 125 %*	"			"	
Octacosane			*102%*		*68 - 125 %*	"			"	

TestAmerica - Seattle, WA

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-21 (1A-W-1-1106)			**Water**		**Sampled: 11/28/06 11:07**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.996**	*0.0385*	0.240	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 04:50	**Q6**
Lube Oil Range Hydrocarbons	"	**0.196**	*0.0865*	0.481	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*107%*		*53 - 125 %*	"			"	
Octacosane			*95.4%*		*68 - 125 %*	"			"	
BPK0738-22 (1A-W-10-1106)			**Water**		**Sampled: 11/28/06 12:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.02**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 05:16	**Q6**
Lube Oil Range Hydrocarbons	"	**0.198**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*107%*		*53 - 125 %*	"			"	
Octacosane			*97.9%*		*68 - 125 %*	"			"	
BPK0738-23 (2A-W-6-1106)			**Water**		**Sampled: 11/28/06 12:37**					
Diesel Range Hydrocarbons	NWTPH-Dx	**4.21**	*0.0377*	0.236	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 05:42	**Q4**
Lube Oil Range Hydrocarbons	"	**0.654**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*126%*		*53 - 125 %*	"			"	***ZX***
Octacosane			*99.2%*		*68 - 125 %*	"			"	
BPK0738-24 (1A-W-5-1106)			**Water**		**Sampled: 11/28/06 13:56**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0385*	0.240	mg/l	1x	6L01020	12/01/06 09:54	12/09/06 06:08	
Lube Oil Range Hydrocarbons	"	ND	*0.0865*	0.481	"	"	"	"	"	
Surrogate(s): 2-FBP			*96.7%*		*53 - 125 %*	"			"	
Octacosane			*92.1%*		*68 - 125 %*	"			"	
BPK0738-25 (2A-W-2-1106)			**Water**		**Sampled: 11/28/06 15:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.53**	*0.0385*	0.240	mg/l	1x	6L01021	12/01/06 09:56	12/08/06 22:57	**Q4**
Lube Oil Range Hydrocarbons	"	**0.711**	*0.0865*	0.481	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*103%*		*53 - 125 %*	"			"	
Octacosane			*105%*		*68 - 125 %*	"			"	
BPK0738-26 (2A-W-20-1106)			**Water**		**Sampled: 11/28/06 16:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.58**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/08/06 23:26	**Q4**
Lube Oil Range Hydrocarbons	"	**0.853**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*110%*		*53 - 125 %*	"			"	
Octacosane			*108%*		*68 - 125 %*	"			"	

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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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-27 (5-W-4-1106)			**Water**		**Sampled: 11/28/06 15:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.282**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/08/06 23:55	
Lube Oil Range Hydrocarbons	"	**0.341**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*106%*		*53 - 125 %*	"			"	
Octacosane			*106%*		*68 - 125 %*	"			"	
BPK0738-28 (5-W-2-1106)			**Water**		**Sampled: 11/29/06 09:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**17.2**	*0.189*	1.18	mg/l	5x	6L01021	12/01/06 09:56	12/09/06 00:24	**Q4**
Lube Oil Range Hydrocarbons	"	**17.6**	*0.425*	2.36	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*116%*		*53 - 125 %*	"			"	
Octacosane			*101%*		*68 - 125 %*	"			"	
BPK0738-29 (1B-W-1-1106)			**Water**		**Sampled: 11/29/06 10:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**3.57**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 02:22	**Q4**
Lube Oil Range Hydrocarbons	"	**0.812**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*115%*		*53 - 125 %*	"			"	
Octacosane			*102%*		*68 - 125 %*	"			"	
BPK0738-30 (MW-35-1106)			**Water**		**Sampled: 11/29/06 12:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.46**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 02:51	**Q4**
Lube Oil Range Hydrocarbons	"	**0.257**	*0.0849*	0.472	"	"	"	"	"	**Q4, J**
Surrogate(s): 2-FBP			*103%*		*53 - 125 %*	"			"	
Octacosane			*97.9%*		*68 - 125 %*	"			"	
BPK0738-31 (MW-27-1106)			**Water**		**Sampled: 11/29/06 12:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**4.31**	*0.189*	1.18	mg/l	5x	6L01021	12/01/06 09:56	12/09/06 03:20	**Q4**
Lube Oil Range Hydrocarbons	"	**3.94**	*0.425*	2.36	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*121%*		*53 - 125 %*	"			"	
Octacosane			*122%*		*68 - 125 %*	"			"	
BPK0738-32 (MW-270-1106)			**Water**		**Sampled: 11/29/06 12:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	**3.78**	*0.189*	1.18	mg/l	5x	6L01021	12/01/06 09:56	12/09/06 03:49	**Q4**
Lube Oil Range Hydrocarbons	"	**3.30**	*0.425*	2.36	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*119%*		*53 - 125 %*	"			"	
Octacosane			*120%*		*68 - 125 %*	"			"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-33 (MW-34-1106)			**Water**		**Sampled: 11/29/06 11:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.0931**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 04:19	**J**
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*93.2%*		*53 - 125 %*	"			"	
Octacosane			*96.6%*		*68 - 125 %*	"			"	
BPK0738-34 (MW-37-1106)			**Water**		**Sampled: 11/29/06 10:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.15**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 04:49	**Q4**
Lube Oil Range Hydrocarbons	"	**0.497**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*103%*		*53 - 125 %*	"			"	
Octacosane			*99.6%*		*68 - 125 %*	"			"	
BPK0738-35 (MW-26-1106)			**Water**		**Sampled: 11/29/06 09:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.50**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 05:18	**Q4**
Lube Oil Range Hydrocarbons	"	**0.837**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*104%*		*53 - 125 %*	"			"	
Octacosane			*104%*		*68 - 125 %*	"			"	
BPK0738-36 (1C-W-1-1106)			**Water**		**Sampled: 11/29/06 12:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	**1.48**	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 05:47	**Q3**
Lube Oil Range Hydrocarbons	"	**0.464**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*100%*		*53 - 125 %*	"			"	
Octacosane			*102%*		*68 - 125 %*	"			"	
BPK0738-37 (1C-W-4-1106)			**Water**		**Sampled: 11/29/06 11:03**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.777**	*0.0385*	0.240	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 06:17	**Q3**
Lube Oil Range Hydrocarbons	"	**0.313**	*0.0865*	0.481	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*94.2%*		*53 - 125 %*	"			"	
Octacosane			*98.3%*		*68 - 125 %*	"			"	
BPK0738-38 (1C-W-3-1106)			**Water**		**Sampled: 11/29/06 09:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	6L01021	12/01/06 09:56	12/09/06 06:46	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*62.3%*		*53 - 125 %*	"			"	
Octacosane			*95.8%*		*68 - 125 %*	"			"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-01 (2A-W-4-1106)			**Water**		**Sampled: 11/28/06 10:00**					
Arsenic	EPA 6020	**0.00152**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 13:31	
Lead	"	**0.000170**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPK0738-04 (5-W-1-1106)			**Water**		**Sampled: 11/28/06 12:10**					
Arsenic	EPA 6020	**0.00530**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 14:18	
Lead	"	**0.000510**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPK0738-05 (5-W-10-1106)			**Water**		**Sampled: 11/28/06 12:20**					
Arsenic	EPA 6020	**0.00544**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:06	
Lead	"	**0.000520**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPK0738-12 (MW-29-1106)			**Water**		**Sampled: 11/28/06 10:45**					
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:12	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPK0738-18 (MW-31-1106)			**Water**		**Sampled: 11/28/06 15:55**					
Arsenic	EPA 6020	**0.000270**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:18	**J**
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPK0738-19 (MW-310-1106)			**Water**		**Sampled: 11/28/06 15:30**					
Arsenic	EPA 6020	**0.000320**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:24	**J**
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPK0738-20 (1A-W-4-1106)			**Water**		**Sampled: 11/28/06 10:00**					
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:29	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPK0738-28 (5-W-2-1106)			**Water**		**Sampled: 11/29/06 09:15**					
Arsenic	EPA 6020	**0.00259**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:35	
Lead	"	**0.000160**	*0.0000800*	0.00100	"	"	"	"	"	**J**

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-33 (MW-34-1106)			**Water**		**Sampled: 11/29/06 11:15**					
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:41	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPK0738-37 (1C-W-4-1106)			**Water**		**Sampled: 11/29/06 11:03**					
Arsenic	EPA 6020	**0.000140**	*0.000140*	0.00100	mg/l	1x	6L01036	12/01/06 13:06	12/04/06 15:47	**J**
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-01 (2A-W-4-1106)			**Water**			**Sampled: 11/28/06 10:00**				
Arsenic	EPA 6020 - Diss	**0.00160**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:02	
Lead	"	**0.0000300**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPK0738-04 (5-W-1-1106)			**Water**			**Sampled: 11/28/06 12:10**				
Arsenic	EPA 6020 - Diss	**0.00519**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:08	
Lead	"	**0.000290**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPK0738-05 (5-W-10-1106)			**Water**			**Sampled: 11/28/06 12:20**				
Arsenic	EPA 6020 - Diss	**0.00530**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:14	
Lead	"	**0.000230**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPK0738-12 (MW-29-1106)			**Water**			**Sampled: 11/28/06 10:45**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:20	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPK0738-18 (MW-31-1106)			**Water**			**Sampled: 11/28/06 15:55**				
Arsenic	EPA 6020 - Diss	**0.000180**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:26	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPK0738-19 (MW-310-1106)			**Water**			**Sampled: 11/28/06 15:30**				
Arsenic	EPA 6020 - Diss	**0.000200**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:32	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPK0738-20 (1A-W-4-1106)			**Water**			**Sampled: 11/28/06 10:00**				
Arsenic	EPA 6020 - Diss	**0.000190**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:38	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPK0738-28 (5-W-2-1106)			**Water**			**Sampled: 11/29/06 09:15**				
Arsenic	EPA 6020 - Diss	**0.00256**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:43	
Lead	"	**0.0000700**	*0.0000200*	0.00100	"	"	"	"	"	**J**

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-33 (MW-34-1106)			**Water**		**Sampled: 11/29/06 11:15**					
Arsenic	EPA 6020 - Diss	**0.0000900**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 18:49	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	"	
BPK0738-37 (1C-W-4-1106)			**Water**		**Sampled: 11/29/06 11:03**					
Arsenic	EPA 6020 - Diss	**0.000160**	*0.0000800*	0.00100	mg/l	1x	6L01005	12/01/06 06:35	12/01/06 19:07	**J**
Lead	"	**0.0000600**	*0.0000200*	0.00100	"	"	"	"	"	**J**

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-01 (2A-W-4-1106)		**Water**			**Sampled: 11/28/06 10:00**					
Acenaphthene	EPA 8270C-SIM	**0.351**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 12:09	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**1.35**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.140**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*25.6%*		*20 - 131 %*	"			"	
BPK0738-02 (2A-W-3-1106)		**Water**			**Sampled: 11/28/06 10:45**					
Acenaphthene	EPA 8270C-SIM	**0.296**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 17:43	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**1.47**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0491**	*0.0236*	0.0943	"	"	"	"	"	**J**
Surrogate(s): p-Terphenyl-d14			*42.8%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-06 (MW-22-1106)		**Water**			**Sampled: 11/28/06 12:45**					
Acenaphthene	EPA 8270C-SIM	ND	*0.136*	0.189	ug/l	2x	6L04021	12/04/06 10:32	12/13/06 16:52	
Acenaphthylene	"	ND	*0.0830*	0.189	"	"	"	"	"	
Anthracene	"	ND	*0.0660*	0.189	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0566*	0.189	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0491*	0.189	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.153*	0.189	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0396*	0.189	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0623*	0.189	"	"	"	"	"	
Chrysene	"	**1.01**	*0.0340*	0.189	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0547*	0.189	"	"	"	"	"	
Fluoranthene	"	ND	*0.0396*	0.189	"	"	"	"	"	
Fluorene	"	ND	*0.0623*	0.189	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0528*	0.189	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0755*	0.189	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0830*	0.189	"	"	"	"	"	
Naphthalene	"	ND	*0.0811*	0.189	"	"	"	"	"	
Phenanthrene	"	ND	*0.0491*	0.189	"	"	"	"	"	
Pyrene	"	**0.509**	*0.0472*	0.189	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*39.8%*		*20 - 131 %*	"			"	
BPK0738-07 (5-W-3-1106)		**Water**			**Sampled: 11/28/06 13:45**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 13:28	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.160**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.194**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.100**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*28.2%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-08 (MW-20-1106)		**Water**			**Sampled: 11/28/06 14:50**					
Acenaphthene	EPA 8270C-SIM	**0.366**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 13:53	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	**0.240**	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	**0.709**	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.234**	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.419**	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.460**	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.643**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.721**	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**1.61**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.596**	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.409**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*28.4%*		*20 - 131 %*	"			"	
BPK0738-09 (MW-36-1106)		**Water**			**Sampled: 11/28/06 15:30**					
Acenaphthene	EPA 8270C-SIM	**0.302**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 14:19	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	**0.151**	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	**0.119**	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	**0.415**	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	**0.419**	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.355**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	**0.689**	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**1.53**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**0.564**	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.230**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*36.0%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-13 (MW-11-1106)			**Water**		**Sampled: 11/28/06 11:40**					
Acenaphthene	EPA 8270C-SIM	**4.01**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 14:45	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	**0.617**	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	**0.0623**	*0.0283*	0.0943	"	"	"	"	"	**J**
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.0528**	*0.0170*	0.0943	"	"	"	"	"	**J**
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	**0.0830**	*0.0198*	0.0943	"	"	"	"	"	**J**
Fluorene	"	**6.62**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**90.4**	*0.0377*	0.0943	"	"	"	"	"	**E**
2-Methylnaphthalene	"	**20.8**	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	**7.41**	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	**4.69**	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.102**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*37.5%*		*20 - 131 %*	"			"	
BPK0738-13RE1 (MW-11-1106)			**Water**		**Sampled: 11/28/06 11:40**					
1-Methylnaphthalene	EPA 8270C-SIM	**74.3**	*0.189*	0.472	ug/l	5x	6L04021	12/04/06 10:32	12/13/06 14:14	
Surrogate(s): p-Terphenyl-d14			*47.5%*		*20 - 131 %*	"			"	
BPK0738-16 (MW-9-1106)			**Water**		**Sampled: 11/28/06 14:15**					
Acenaphthene	EPA 8270C-SIM	**0.138**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 15:10	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.175**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-16 (MW-9-1106)		**Water**			**Sampled: 11/28/06 14:15**					
2-Methylnaphthalene	EPA 8270C-SIM	ND	*0.0415*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 15:10	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*42.8%*		*20 - 131 %*	"			"	
BPK0738-17 (MW-90-1106)		**Water**			**Sampled: 11/28/06 13:30**					
Acenaphthene	EPA 8270C-SIM	**0.143**	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 15:57	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.183**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*57.2%*		*20 - 131 %*	"			"	
BPK0738-21 (1A-W-1-1106)		**Water**			**Sampled: 11/28/06 11:07**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 16:22	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.121**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-21 (1A-W-1-1106)		**Water**			**Sampled: 11/28/06 11:07**					
1-Methylnaphthalene	EPA 8270C-SIM	ND	*0.0377*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 16:22	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*60.8%*		*20 - 131 %*	"			"	
BPK0738-22 (1A-W-10-1106)		**Water**			**Sampled: 11/28/06 12:00**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 16:49	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.132**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*68.2%*		*20 - 131 %*	"			"	
BPK0738-23 (2A-W-6-1106)		**Water**			**Sampled: 11/28/06 12:37**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 17:26	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-23 (2A-W-6-1106)		**Water**			**Sampled: 11/28/06 12:37**					
Indeno (1,2,3-cd) pyrene	EPA 8270C-SIM	ND	*0.0264*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 17:26	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.100**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*34.1%*		*20 - 131 %*	"			"	
BPK0738-24 (1A-W-5-1106)		**Water**			**Sampled: 11/28/06 13:56**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/12/06 21:17	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*96.2%*		*20 - 131 %*	"			"	
BPK0738-25 (2A-W-2-1106)		**Water**			**Sampled: 11/28/06 15:00**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0699*	0.0971	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 14:43	
Acenaphthylene	"	ND	*0.0427*	0.0971	"	"	"	"	"	
Anthracene	"	ND	*0.0340*	0.0971	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0291*	0.0971	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0252*	0.0971	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0786*	0.0971	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0204*	0.0971	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0320*	0.0971	"	"	"	"	"	
Chrysene	"	ND	*0.0175*	0.0971	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0282*	0.0971	"	"	"	"	"	
Fluoranthene	"	ND	*0.0204*	0.0971	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-25 (2A-W-2-1106)		**Water**			**Sampled: 11/28/06 15:00**					
Fluorene	EPA 8270C-SIM	ND	*0.0320*	0.0971	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 14:43	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0272*	0.0971	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0388*	0.0971	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0427*	0.0971	"	"	"	"	"	
Naphthalene	"	ND	*0.0417*	0.0971	"	"	"	"	"	
Phenanthrene	"	ND	*0.0252*	0.0971	"	"	"	"	"	
Pyrene	"	ND	*0.0243*	0.0971	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*46.2%*		*20 - 131 %*	"			"	
BPK0738-26 (2A-W-20-1106)		**Water**			**Sampled: 11/28/06 16:00**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 15:09	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*33.5%*		*20 - 131 %*	"			"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-27 (5-W-4-1106)		**Water**			**Sampled: 11/28/06 15:45**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 15:35	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*46.4%*		*20 - 131 %*	"			"	
BPK0738-28 (5-W-2-1106)		**Water**			**Sampled: 11/29/06 09:15**					
Acenaphthene	EPA 8270C-SIM	ND	*0.340*	0.472	ug/l	5x	6L04021	12/04/06 10:32	12/13/06 17:18	
Acenaphthylene	"	ND	*0.208*	0.472	"	"	"	"	"	
Anthracene	"	ND	*0.165*	0.472	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.142*	0.472	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.123*	0.472	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.382*	0.472	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0991*	0.472	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.156*	0.472	"	"	"	"	"	
Chrysene	"	**1.68**	*0.0849*	0.472	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.137*	0.472	"	"	"	"	"	
Fluoranthene	"	ND	*0.0991*	0.472	"	"	"	"	"	
Fluorene	"	**1.01**	*0.156*	0.472	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.132*	0.472	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.189*	0.472	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.208*	0.472	"	"	"	"	"	
Naphthalene	"	ND	*0.203*	0.472	"	"	"	"	"	
Phenanthrene	"	ND	*0.123*	0.472	"	"	"	"	"	
Pyrene	"	**0.991**	*0.118*	0.472	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*54.7%*		*20 - 131 %*	"			"	

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TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-29 (1B-W-1-1106)		**Water**			**Sampled: 11/29/06 10:50**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 16:01	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.0377**	*0.0170*	0.0943	"	"	"	"	"	J
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.558**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0868**	*0.0236*	0.0943	"	"	"	"	"	J
Surrogate(s): p-Terphenyl-d14			*80.5%*		*20 - 131 %*	"			"	
BPK0738-30 (MW-35-1106)		**Water**			**Sampled: 11/29/06 12:00**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04021	12/04/06 10:32	12/13/06 16:26	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*87.3%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-31 (MW-27-1106)		**Water**			**Sampled: 11/29/06 12:10**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 18:09	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.717**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.342**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*81.6%*		*20 - 131 %*	"			"	
BPK0738-32 (MW-270-1106)		**Water**			**Sampled: 11/29/06 12:20**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 18:35	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.492**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.308**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*62.1%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-34 (MW-37-1106)		**Water**			**Sampled: 11/29/06 10:30**					
Acenaphthene	EPA 8270C-SIM	**0.266**	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 19:01	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**1.58**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0377**	*0.0236*	0.0943	"	"	"	"	"	J
Surrogate(s): p-Terphenyl-d14			*59.5%*		*20 - 131 %*	"			"	
BPK0738-35 (MW-26-1106)		**Water**			**Sampled: 11/29/06 09:40**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 19:27	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.145**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*52.1%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-36 (1C-W-1-1106)		**Water**			**Sampled: 11/29/06 12:25**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0699*	0.0971	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 19:52	
Acenaphthylene	"	ND	*0.0427*	0.0971	"	"	"	"	"	
Anthracene	"	ND	*0.0340*	0.0971	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0291*	0.0971	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0252*	0.0971	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0786*	0.0971	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0204*	0.0971	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0320*	0.0971	"	"	"	"	"	
Chrysene	"	ND	*0.0175*	0.0971	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0282*	0.0971	"	"	"	"	"	
Fluoranthene	"	ND	*0.0204*	0.0971	"	"	"	"	"	
Fluorene	"	ND	*0.0320*	0.0971	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0272*	0.0971	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0388*	0.0971	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0427*	0.0971	"	"	"	"	"	
Naphthalene	"	ND	*0.0417*	0.0971	"	"	"	"	"	
Phenanthrene	"	ND	*0.0252*	0.0971	"	"	"	"	"	
Pyrene	"	ND	*0.0243*	0.0971	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*51.3%*		*20 - 131 %*	"			"	
BPK0738-37 (1C-W-4-1106)		**Water**			**Sampled: 11/29/06 11:03**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 20:18	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*55.1%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPK0738-38 (1C-W-3-1106)		**Water**			**Sampled: 11/29/06 09:25**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L04022	12/04/06 10:36	12/13/06 20:43	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*87.1%*		*20 - 131 %*	*"*			*"*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

QC Batch: 6L01020 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L01020-BLK1)								Extracted: 12/01/06 09:54						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	12/08/06 17:31	
Lube Oil Range Hydrocarbons	"	ND	0.0900	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 109%*			*Limits: 53-125%*	"							*12/08/06 17:31*	
Octacosane		*98.0%*			*68-125%*	"							"	
LCS (6L01020-BS1)								Extracted: 12/01/06 09:54						
Diesel Range Hydrocarbons	NWTPH-Dx	1.51	0.0400	0.250	mg/l	1x	--	2.00	75.5%	(61-132)	--	--	12/09/06 13:33	
Surrogate(s): 2-FBP		*Recovery: 93.6%*			*Limits: 53-125%*	"							*12/09/06 13:33*	
Octacosane		*70.8%*			*68-125%*	"							"	
Matrix Spike (6L01020-MS1)				QC Source: BPK0738-23				Extracted: 12/01/06 09:54						
Diesel Range Hydrocarbons	NWTPH-Dx	5.23	0.0377	0.236	mg/l	1x	4.21	1.89	54.0%	(32-143)	--	--	12/09/06 13:59	
Surrogate(s): 2-FBP		*Recovery: 117%*			*Limits: 53-125%*	"							*12/09/06 13:59*	
Octacosane		*85.2%*			*68-125%*	"							"	
Matrix Spike Dup (6L01020-MSD1)				QC Source: BPK0738-23				Extracted: 12/01/06 09:54						
Diesel Range Hydrocarbons	NWTPH-Dx	5.13	0.0381	0.238	mg/l	1x	4.21	1.90	48.4%	(32-143)	1.93%	(40)	12/09/06 14:35	
Surrogate(s): 2-FBP		*Recovery: 112%*			*Limits: 53-125%*	"							*12/09/06 14:35*	
Octacosane		*84.9%*			*68-125%*	"							"	

QC Batch: 6L01021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L01021-BLK1)								Extracted: 12/01/06 09:56						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	12/08/06 19:59	
Lube Oil Range Hydrocarbons	"	ND	0.0900	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 78.8%*			*Limits: 53-125%*	"							*12/08/06 19:59*	
Octacosane		*95.6%*			*68-125%*	"							"	
LCS (6L01021-BS1)								Extracted: 12/01/06 09:56						
Diesel Range Hydrocarbons	NWTPH-Dx	1.90	0.0400	0.250	mg/l	1x	--	2.00	95.0%	(61-132)	--	--	12/08/06 20:59	
Surrogate(s): 2-FBP		*Recovery: 101%*			*Limits: 53-125%*	"							*12/08/06 20:59*	
Octacosane		*94.0%*			*68-125%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

QC Batch: 6L01021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6L01021-BS2)								**Extracted: 12/01/06 09:56**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.17	0.0400	0.250	mg/l	1x	--	2.00	108%	(61-132)	--	--	12/08/06 21:28	
Lube Oil Range Hydrocarbons	"	2.06	0.0900	0.500	"	"	--	"	103%	(60-125)	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 116%*			*Limits: 53-125%*	"							*12/08/06 21:28*	
Octacosane			*110%*		*68-125%*	"							"	
LCS Dup (6L01021-BSD1)								**Extracted: 12/01/06 09:56**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.02	0.0400	0.250	mg/l	1x	--	2.00	101%	(61-132)	6.12%	(40)	12/08/06 21:58	
Surrogate(s): 2-FBP		*Recovery: 108%*			*Limits: 53-125%*	"							*12/08/06 21:58*	
Octacosane			*98.0%*		*68-125%*	"							"	
LCS Dup (6L01021-BSD2)								**Extracted: 12/01/06 09:56**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.19	0.0400	0.250	mg/l	1x	--	2.00	110%	(61-132)	0.917%	(40)	12/08/06 22:27	
Lube Oil Range Hydrocarbons	"	2.11	0.0900	0.500	"	"	--	"	106%	(60-125)	2.40%	"	"	
Surrogate(s): 2-FBP		*Recovery: 112%*			*Limits: 53-125%*	"							*12/08/06 22:27*	
Octacosane			*109%*		*68-125%*	"							"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

QC Batch: 6L01036 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L01036-BLK1)								**Extracted: 12/01/06 13:06**						
Lead	EPA 6020	0.0000900	0.0000800	0.00100	mg/l	1x	--	--	--	--	--	--	12/04/06 13:19	J
Arsenic	"	ND	0.000140	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6L01036-BS1)								**Extracted: 12/01/06 13:06**						
Lead	EPA 6020	0.0812	0.0000800	0.00100	mg/l	1x	--	0.0800	102%	(80-120)	--	--	12/04/06 13:25	
Arsenic	"	0.0773	0.000140	0.00100	"	"	--	"	96.6%	"	--	--	"	
Duplicate (6L01036-DUP1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 13:06**						
Arsenic	EPA 6020	0.00541	0.000140	0.00100	mg/l	1x	0.00530	--	--	--	2.05%	(20)	12/04/06 14:13	
Lead	"	0.000510	0.0000800	0.00100	"	"	0.000510	--	--	--	0.00%	"	"	J
Matrix Spike (6L01036-MS1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 13:06**						
Arsenic	EPA 6020	0.0854	0.000140	0.00100	mg/l	1x	0.00530	0.0800	100%	(75-125)	--	--	12/04/06 14:01	
Lead	"	0.0829	0.0000800	0.00100	"	"	0.000510	"	103%	(80-120)	--	--	"	
Matrix Spike Dup (6L01036-MSD1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 13:06**						
Arsenic	EPA 6020	0.0838	0.000140	0.00100	mg/l	1x	0.00530	0.0800	98.1%	(75-125)	1.89%	(20)	12/04/06 14:07	
Lead	"	0.0834	0.0000800	0.00100	"	"	0.000510	"	104%	(80-120)	0.601%	"	"	
Post Spike (6L01036-PS1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 13:06**						
Lead	EPA 6020	0.0970			ug/ml	1x	0.000510	0.0995	97.0%	(75-125)	--	--	12/04/06 13:55	
Arsenic	"	0.106			"	"	0.00530	0.100	101%	"	--	--	"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

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

TestAmerica - Seattle, WA

QC Batch: 6L01005 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L01005-BLK1)								**Extracted: 12/01/06 06:35**						
Arsenic	EPA 6020 - Diss	ND	0.0000800	0.00100	mg/l	1x	--	--	--	--	--	--	12/01/06 17:27	
Lead	"	ND	0.0000200	0.00100	"	"	--	--	--	--	--	--	"	
LCS (6L01005-BS1)								**Extracted: 12/01/06 06:35**						
Lead	EPA 6020 - Diss	0.200	0.0000200	0.00100	mg/l	1x	--	0.200	100%	(80-120)	--	--	12/01/06 17:32	
Arsenic	"	0.197	0.0000800	0.00100	"	"	--	"	98.5%	"	--	--	"	
Duplicate (6L01005-DUP1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 06:35**						
Arsenic	EPA 6020 - Diss	0.00537	0.0000800	0.00100	mg/l	1x	0.00519	--	--	--	3.41%	(20)	12/01/06 17:56	
Lead	"	0.000310	0.0000200	0.00100	"	"	0.000290	--	--	--	6.67%	"	"	J
Matrix Spike (6L01005-MS1)				**QC Source: BPK0738-04**				**Extracted: 12/01/06 06:35**						
Arsenic	EPA 6020 - Diss	0.111	0.0000800	0.00100	mg/l	1x	0.00519	0.100	106%	(80-128)	--	--	12/01/06 17:38	
Lead	"	0.102	0.0000200	0.00100	"	"	0.000290	0.0995	102%	(77-120)	--	--	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L04021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L04021-BLK1)								Extracted: 12/04/06 10:32						
Acenaphthene	EPA 8270C-SIM	ND	0.0720	0.100	ug/l	1x	--	--	--	--	--	--	12/12/06 11:14	
Acenaphthylene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0350	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0300	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.0810	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0180	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.0290	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0280	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0400	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0430	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0250	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 103%*		*Limits: 20-131%*		"							*12/12/06 11:14*	
LCS (6L04021-BS1)								Extracted: 12/04/06 10:32						
Acenaphthene	EPA 8270C-SIM	16.3	0.0720	0.100	ug/l	1x	--	20.0	81.5%	(68-129)	--	--	12/12/06 11:43	
Acenaphthylene	"	17.0	0.0440	0.100	"	"	--	"	85.0%	(77-129)	--	--	"	
Anthracene	"	19.5	0.0350	0.100	"	"	--	"	97.5%	(80-146)	--	--	"	
Benzo (a) anthracene	"	15.7	0.0300	0.100	"	"	--	"	78.5%	(73-120)	--	--	"	
Benzo (a) pyrene	"	14.0	0.0260	0.100	"	"	--	"	70.0%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	18.4	0.0810	0.100	"	"	--	"	92.0%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	13.0	0.0210	0.100	"	"	--	"	65.0%	(63-150)	--	--	"	
Benzo (ghi) perylene	"	17.0	0.0330	0.100	"	"	--	"	85.0%	(46-142)	--	--	"	
Chrysene	"	18.8	0.0180	0.100	"	"	--	"	94.0%	(80-132)	--	--	"	
Dibenz (a,h) anthracene	"	15.7	0.0290	0.100	"	"	--	"	78.5%	(56-138)	--	--	"	
Fluoranthene	"	19.3	0.0210	0.100	"	"	--	"	96.5%	(79-138)	--	--	"	
Fluorene	"	20.5	0.0330	0.100	"	"	--	"	102%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	15.8	0.0280	0.100	"	"	--	"	79.0%	(53-136)	--	--	"	
1-Methylnaphthalene	"	18.4	0.0400	0.100	"	"	--	"	92.0%	(41-120)	--	--	"	
2-Methylnaphthalene	"	18.8	0.0440	0.100	"	"	--	"	94.0%	(43-122)	--	--	"	
Naphthalene	"	15.7	0.0430	0.100	"	"	--	"	78.5%	(38-128)	--	--	"	
Phenanthrene	"	16.8	0.0260	0.100	"	"	--	"	84.0%	(77-123)	--	--	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L04021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6L04021-BS1)								**Extracted: 12/04/06 10:32**						
Pyrene	EPA 8270C-SIM	16.5	0.0250	0.100	ug/l	1x	--	20.0	82.5%	(60-150)	--	--	12/12/06 11:43	
Surrogate(s): p-Terphenyl-d14		*Recovery: 84.6%*		*Limits: 20-131%*		"							*12/12/06 11:43*	
Matrix Spike (6L04021-MS1)				**QC Source: BPK0738-23**				**Extracted: 12/04/06 10:32**						
Acenaphthene	EPA 8270C-SIM	14.5	0.0699	0.0971	ug/l	1x	ND	19.4	74.7%	(40-150)	--	--	12/12/06 12:36	
Acenaphthylene	"	14.7	0.0427	0.0971	"	"	ND	"	75.8%	"	--	--	"	
Anthracene	"	15.7	0.0340	0.0971	"	"	ND	"	80.9%	"	--	--	"	
Benzo (a) anthracene	"	11.9	0.0291	0.0971	"	"	ND	"	61.3%	"	--	--	"	
Benzo (a) pyrene	"	10.7	0.0252	0.0971	"	"	ND	"	55.2%	"	--	--	"	
Benzo (b) fluoranthene	"	12.9	0.0786	0.0971	"	"	ND	"	66.5%	"	--	--	"	
Benzo (k) fluoranthene	"	11.3	0.0204	0.0971	"	"	ND	"	58.2%	"	--	--	"	
Benzo (ghi) perylene	"	11.9	0.0320	0.0971	"	"	ND	"	61.3%	"	--	--	"	
Chrysene	"	14.5	0.0175	0.0971	"	"	ND	"	74.7%	"	--	--	"	
Dibenz (a,h) anthracene	"	11.8	0.0282	0.0971	"	"	ND	"	60.8%	"	--	--	"	
Fluoranthene	"	15.1	0.0204	0.0971	"	"	ND	"	77.8%	"	--	--	"	
Fluorene	"	18.9	0.0320	0.0971	"	"	ND	"	97.4%	"	--	--	"	
Indeno (1,2,3-cd) pyrene	"	11.5	0.0272	0.0971	"	"	ND	"	59.3%	"	--	--	"	
1-Methylnaphthalene	"	16.2	0.0388	0.0971	"	"	ND	"	83.5%	"	--	--	"	
2-Methylnaphthalene	"	16.4	0.0427	0.0971	"	"	ND	"	84.5%	"	--	--	"	
Naphthalene	"	15.0	0.0417	0.0971	"	"	ND	"	77.3%	"	--	--	"	
Phenanthrene	"	14.4	0.0252	0.0971	"	"	ND	"	74.2%	"	--	--	"	
Pyrene	"	15.2	0.0243	0.0971	"	"	0.100	"	77.8%	"	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 40.4%*		*Limits: 20-131%*		"							*12/12/06 12:36*	
Matrix Spike Dup (6L04021-MSD1)				**QC Source: BPK0738-23**				**Extracted: 12/04/06 10:32**						
Acenaphthene	EPA 8270C-SIM	13.8	0.0692	0.0962	ug/l	1x	ND	19.2	71.9%	(40-150)	4.95%	(40)	12/12/06 13:02	
Acenaphthylene	"	14.1	0.0423	0.0962	"	"	ND	"	73.4%	"	4.17%	"	"	
Anthracene	"	16.2	0.0337	0.0962	"	"	ND	"	84.4%	"	3.13%	"	"	
Benzo (a) anthracene	"	12.3	0.0288	0.0962	"	"	ND	"	64.1%	"	3.31%	"	"	
Benzo (a) pyrene	"	10.9	0.0250	0.0962	"	"	ND	"	56.8%	"	1.85%	"	"	
Benzo (b) fluoranthene	"	12.8	0.0779	0.0962	"	"	ND	"	66.7%	"	0.778%	"	"	
Benzo (k) fluoranthene	"	12.1	0.0202	0.0962	"	"	ND	"	63.0%	"	6.84%	"	"	
Benzo (ghi) perylene	"	12.1	0.0317	0.0962	"	"	ND	"	63.0%	"	1.67%	"	"	
Chrysene	"	15.2	0.0173	0.0962	"	"	ND	"	79.2%	"	4.71%	"	"	
Dibenz (a,h) anthracene	"	11.9	0.0279	0.0962	"	"	ND	"	62.0%	"	0.844%	"	"	
Fluoranthene	"	15.8	0.0202	0.0962	"	"	ND	"	82.3%	"	4.53%	"	"	
Fluorene	"	18.1	0.0317	0.0962	"	"	ND	"	94.3%	"	4.32%	"	"	
Indeno (1,2,3-cd) pyrene	"	11.6	0.0269	0.0962	"	"	ND	"	60.4%	"	0.866%	"	"	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L04021 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6L04021-MSD1)					QC Source: BPK0738-23				Extracted: 12/04/06 10:32					
1-Methylnaphthalene	EPA 8270C-SIM	16.0	0.0385	0.0962	ug/l	1x	ND	19.2	83.3%	(40-150)	1.24%	(40)	12/12/06 13:02	
2-Methylnaphthalene	"	16.9	0.0423	0.0962	"	"	ND	"	88.0%	"	3.00%	"	"	
Naphthalene	"	14.9	0.0413	0.0962	"	"	ND	"	77.6%	"	0.669%	"	"	
Phenanthrene	"	14.1	0.0250	0.0962	"	"	ND	"	73.4%	"	2.11%	"	"	
Pyrene	"	15.4	0.0240	0.0962	"	"	0.100	"	79.7%	"	1.31%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 44.1%*		*Limits: 20-131%*		"							*12/12/06 13:02*	

QC Batch: 6L04022 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L04022-BLK1)									Extracted: 12/04/06 10:36					
Acenaphthene	EPA 8270C-SIM	ND	0.0720	0.100	ug/l	1x	--	--	--	--	--	--	12/06/06 01:28	
Acenaphthylene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0350	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0300	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.0810	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0180	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.0290	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0280	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0400	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0430	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0250	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 102%*		*Limits: 20-131%*		"							*12/06/06 01:28*	

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
ANALYTICAL TESTING CORPORATION

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L04022 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6L04022-BS1)								Extracted: 12/04/06 10:36						
Acenaphthene	EPA 8270C-SIM	17.1	0.0720	0.100	ug/l	1x	--	20.0	85.5%	(68-129)	--	--	12/06/06 01:54	
Acenaphthylene	"	17.7	0.0440	0.100	"	"	--	"	88.5%	(77-129)	--	--	"	
Anthracene	"	20.0	0.0350	0.100	"	"	--	"	100%	(80-146)	--	--	"	
Benzo (a) anthracene	"	15.8	0.0300	0.100	"	"	--	"	79.0%	(73-120)	--	--	"	
Benzo (a) pyrene	"	18.9	0.0260	0.100	"	"	--	"	94.5%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	17.5	0.0810	0.100	"	"	--	"	87.5%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	19.4	0.0210	0.100	"	"	--	"	97.0%	(63-150)	--	--	"	
Benzo (b & k) fluoranthene	"	38.6	0.0210	0.200	"	"	--	40.0	96.5%	"	--	--	"	
Benzo (ghi) perylene	"	15.6	0.0330	0.100	"	"	--	20.0	78.0%	(46-142)	--	--	"	
Chrysene	"	18.5	0.0180	0.100	"	"	--	"	92.5%	(80-132)	--	--	"	
Dibenz (a,h) anthracene	"	16.2	0.0290	0.100	"	"	--	"	81.0%	(56-138)	--	--	"	
Fluoranthene	"	18.2	0.0210	0.100	"	"	--	"	91.0%	(79-138)	--	--	"	
Fluorene	"	19.2	0.0330	0.100	"	"	--	"	96.0%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	15.9	0.0280	0.100	"	"	--	"	79.5%	(53-136)	--	--	"	
1-Methylnaphthalene	"	18.7	0.0400	0.100	"	"	--	"	93.5%	(41-120)	--	--	"	
2-Methylnaphthalene	"	18.9	0.0440	0.100	"	"	--	"	94.5%	(43-122)	--	--	"	
Naphthalene	"	17.5	0.0430	0.100	"	"	--	"	87.5%	(38-128)	--	--	"	
Phenanthrene	"	16.8	0.0260	0.100	"	"	--	"	84.0%	(77-123)	--	--	"	
Pyrene	"	18.3	0.0250	0.100	"	"	--	"	91.5%	(60-150)	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 98.4%*		*Limits: 20-131%*		"							*12/06/06 01:54*	
LCS Dup (6L04022-BSD1)								Extracted: 12/04/06 10:36						
Acenaphthene	EPA 8270C-SIM	17.0	0.0720	0.100	ug/l	1x	--	20.0	85.0%	(68-129)	0.587%	(30)	12/06/06 02:19	
Acenaphthylene	"	18.0	0.0440	0.100	"	"	--	"	90.0%	(77-129)	1.68%	"	"	
Anthracene	"	20.3	0.0350	0.100	"	"	--	"	102%	(80-146)	1.49%	"	"	
Benzo (a) anthracene	"	15.7	0.0300	0.100	"	"	--	"	78.5%	(73-120)	0.635%	"	"	
Benzo (a) pyrene	"	18.5	0.0260	0.100	"	"	--	"	92.5%	(70-132)	2.14%	"	"	
Benzo (b) fluoranthene	"	16.9	0.0810	0.100	"	"	--	"	84.5%	(68-148)	3.49%	"	"	
Benzo (k) fluoranthene	"	19.2	0.0210	0.100	"	"	--	"	96.0%	(63-150)	1.04%	"	"	
Benzo (ghi) perylene	"	15.3	0.0330	0.100	"	"	--	"	76.5%	(46-142)	1.94%	"	"	
Chrysene	"	18.4	0.0180	0.100	"	"	--	"	92.0%	(80-132)	0.542%	"	"	
Dibenz (a,h) anthracene	"	16.0	0.0290	0.100	"	"	--	"	80.0%	(56-138)	1.24%	"	"	
Fluoranthene	"	17.9	0.0210	0.100	"	"	--	"	89.5%	(79-138)	1.66%	"	"	
Fluorene	"	19.1	0.0330	0.100	"	"	--	"	95.5%	(42-120)	0.522%	"	"	
Indeno (1,2,3-cd) pyrene	"	15.7	0.0280	0.100	"	"	--	"	78.5%	(53-136)	1.27%	"	"	
1-Methylnaphthalene	"	18.5	0.0400	0.100	"	"	--	"	92.5%	(41-120)	1.08%	"	"	
2-Methylnaphthalene	"	18.9	0.0440	0.100	"	"	--	"	94.5%	(43-122)	0.00%	"	"	
Naphthalene	"	17.5	0.0430	0.100	"	"	--	"	87.5%	(38-128)	0.00%	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L04022 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6L04022-BSD1)								**Extracted: 12/04/06 10:36**						
Phenanthrene	EPA 8270C-SIM	16.7	0.0260	0.100	ug/l	1x	--	20.0	83.5%	(77-123)	0.597%	(30)	12/06/06 02:19	
Pyrene	"	17.9	0.0250	0.100	"	"	--	"	89.5%	(60-150)	2.21%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 98.2%*			*Limits: 20-131%*	*"*							*12/06/06 02:19*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/14/06 17:44

Notes and Definitions

Report Specific Notes:

E	-	Concentration exceeds the calibration range and therefore result is semi-quantitative.
J	-	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Q3	-	The chromatographic pattern is not consistent with diesel fuel.
Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q6	-	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
ZX	-	Due to sample matrix effects, the surrogate recovery was outside the acceptance 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

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.

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy N, Ste 400
City/State/ZIP: Bothell, WA 98011
Project Manager: Kate Harry
Phone: (425) 420-9200
Fax:

LAB WORK ORDER:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number: NA

BNSF PROJECT INFORMATION

BNSF Project Number:
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
Project State of Origin: WA
Project City: Skykomish
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423-710
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? RETEC-EQuIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (Method 8270D)	Total As & Pb	Dissolved As & Pb				COMMENTS	LAB USE
1	2A-W-4 - 11D6	6	11/28/06	1000	DWK	N/Y		W	X	X	X	X					01
2	2A-W-3 -	4		1045		N			X	X							02
3	1A-W-3 -	2		1130		N			X								03
4	5-W-1 -	4		1210		N/Y			X		X	X					04
5	5-W-10 -	2		1220		N/Y					X	X					05
6	MW-22 -	4		1245		N			X	X							06
7	5-W-3 -	4		1345		N			X	X							07
8	MW-20 -	4		1450		N			X	X							08
9	MW-36 -	4		1530		N			X	X							09
10	2A-W-7 -	2		0955	AMJ	N			X								10
11	2A-W-70 -	2		0930		N			X								11
12	MW-29 -	2		1045		N/Y					X	X					12
13	MW-11 -	4		1140		N			X	X							13
14	MW-10 -	2		1315		N			X								14
15	MW-16 -	2		1640		N			X								15

Relinquished By: [signature]	Date/Time: 11/29/06 14:45	Received By: Cathy Cambell	Date/Time: 11/29/06 14:45
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Dissolved samples for As & Pb were field filtered

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Project Manager: Kate Haney
Address: 11720 North Creek Pkwy N, Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

LAB WORK ORDER:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number: NA

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Project Number: BN050-16423-710
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-7839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req. Format? RETEC-EQuIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAHs (method 8270C)	Total As & Pb	Dissolved As & Pb	COMMENTS	LAB USE
1	MW-9 - 1106	4	11/28/06	1415	AMJ	N		W	X	X				16
2	MW-90 -	4		1330		N			X	X				17
3	MW-31 -	2		1555		N/Y					X	X		18
4	MW-310 -	2		1530		N/Y					X	X		19
5	1A-W-4 -	4		1000	QM	N/Y			X		X	X		20
6	1A-W-1 -	4		1107		N			X	X				21
7	1A-W-10 -	4		1200		N			X	X				22
8	2A-W-6 -	8		1237		N			X	X			Extra sample volume for lab QC	23
9	1A-W-5 -	4		1356		N			X	X				24
10	2A-W-2 -	4		1500		N			X	X				25
11	2A-W-20 -	4		1500		N			X	X				26
12	5-W-4 -	4		1545		N			X	X				27
13	5-W-2 -	6	11/29/06	0915	DWK	N/Y			X	X	X	X		28
14	1B-W-1 -	4		1050					X	X				29
15	MW-35 -			1200	AMJ				X	X				30

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/29/06 14:15	Cathy Gamble	11/29/06 14:15
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? [ ] Yes [ ] No

Comments and Special Analytical Requirements: Dissolved samples for As & Pb were field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Creek Pkwy N, Ste 400
City/State/ZIP: Bothell, WA 98011
Project Manager: Kate Haney
Phone: (425) 420-9200
Fax:

LAB WORK ORDER:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number: NA

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: BN050-16423-710
Project Manager: Steve Howard
Email: showard@retec.com
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 2-day Rush
- [ ] 3-day Rush
- [ ] 5- to 8-day Rush
- [x] Standard 10-Day
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req. Format? RETEC-Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (Method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	MW-27-1106	4	11/29/06	1210	DWE	N		W	X	X								31
2	MW-270-	4		1220	↓	N			X	X								32
3	MW-34-	4		1115	AMJ	N/Y			X		X	X						33
4	MW-37-	4		1030		N			X	X								34
5	MW-26-	4		0940	↓	N			X	X								35
6	IC-W-1-	4		1225	QM	N			X	X								36
7	IC-W-4-	6		1103		N/Y			X	X	X	X						37
8	IC-W-3-	4		0925	↓	N		↓	X	X								38
9																		
10																		
11																		
12																		
13																		
14																		
15																		

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	11/29/06 14:15	Cathy Crumble	11/29/06 14:15
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements:
Dissolved samples for As & Pb were field filtered

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

TestAmerica
ANALYTICAL TESTING CORPORATION

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

December 21, 2006

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 12/01/06 10:00.
The following list is a summary of the Work Orders contained in this report, generated on 12/21/06 17:13.

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

Work Order	Project	ProjectNumber
BPL0058	BNSF-Skykomish	BN050-16423-710

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-15-1106	BPL0058-01	Water	11/29/06 16:00	12/01/06 10:00
MW-150-1106	BPL0058-02	Water	11/29/06 15:30	12/01/06 10:00
MW-14-1106	BPL0058-03	Water	11/29/06 16:40	12/01/06 10:00
MW-40-1106	BPL0058-04	Water	11/29/06 15:10	12/01/06 10:00
MW-19-1106	BPL0058-05	Water	11/29/06 14:35	12/01/06 10:00
MW-32-1106	BPL0058-06	Water	11/29/06 13:45	12/01/06 10:00
2A-W-8-1106	BPL0058-07	Water	11/29/06 16:03	12/01/06 10:00
1B-W-3-1106	BPL0058-08	Water	11/29/06 14:44	12/01/06 10:00
1C-W-2-1106	BPL0058-09	Water	11/29/06 13:38	12/01/06 10:00
MW-6-1106	BPL0058-10	Water	11/30/06 16:44	12/01/06 10:00
MW-1-1106	BPL0058-11	Water	11/30/06 15:57	12/01/06 10:00
MW-2-1106	BPL0058-12	Water	11/30/06 15:00	12/01/06 10:00
2A-W-9-1106	BPL0058-13	Water	11/30/06 13:43	12/01/06 10:00
2A-W-5-1106	BPL0058-14	Water	11/30/06 12:42	12/01/06 10:00
2B-W-4-1106	BPL0058-15	Water	11/30/06 11:00	12/01/06 10:00
1B-W-2-1106	BPL0058-16	Water	11/30/06 09:39	12/01/06 10:00
MW-21-1106	BPL0058-17	Water	11/30/06 15:55	12/01/06 10:00
MW-28-1106	BPL0058-18	Water	11/30/06 14:35	12/01/06 10:00
MW-8-1106	BPL0058-19	Water	11/30/06 13:40	12/01/06 10:00
MW-39-1106	BPL0058-20	Water	11/30/06 12:50	12/01/06 10:00
2A-W-1-1106	BPL0058-21	Water	11/30/06 09:40	12/01/06 10:00
1A-W-2-1106	BPL0058-22	Water	11/30/06 10:25	12/01/06 10:00
MW-17-1106	BPL0058-23	Water	11/30/06 16:50	12/01/06 10:00
MW-7-1106	BPL0058-24	Water	11/30/06 16:15	12/01/06 10:00
MW-3-1106	BPL0058-25	Water	11/30/06 15:40	12/01/06 10:00
MW-4-1106	BPL0058-26	Water	11/30/06 14:55	12/01/06 10:00
MW-400-1106	BPL0058-27	Water	11/30/06 14:30	12/01/06 10:00
2A-W-10-1106	BPL0058-28	Water	11/30/06 14:10	12/01/06 10:00
2A-W-11-1106	BPL0058-29	Water	11/30/06 12:40	12/01/06 10:00
MW-12-1106	BPL0058-30	Water	11/30/06 12:00	12/01/06 10:00
MW-18-1106	BPL0058-31	Water	11/30/06 10:30	12/01/06 10:00
MW-13-1106	BPL0058-32	Water	11/30/06 09:15	12/01/06 10:00
MW-500-1106	BPL0058-33	Water	11/30/06 16:30	12/01/06 10:00

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Analytical Case Narrative

TestAmerica - Seattle, WA

BPL0058

SAMPLE RECEIPT

The samples were received November December 1st, 2006 by TestAmerica - Seattle. The temperature of the samples at the time of receipt ranged from 1.9 - 5.2 degrees Celsius.

PREPARATIONS AND ANALYSIS

The wind storm that impacted most of our region, causing wide-spread damage and power outages, has affected the operations of TestAmerica-Seattle. Emergency measures were taken immediately following the storm by laboratory staff to help safeguard the storage temperatures of your samples. Measures included procuring wet and dry ice for placement into our sample storage units, the use of generator power and the rental of a mobile refrigeration unit. However, despite the best efforts of the laboratory, we were unable to maintain your samples below the recommended temperature of 6ºC for the entire 36-hour power outage. During this time the refrigeration units that house samples slated for volatile analyses never exceeded a temperature of 9ºC and the refrigeration units that store samples slated for semivolatile analyses never exceeded a temperature of 16ºC. The samples and analyses affected have been qualified in the report.

Total Metals by EPA 6000/7000 Series Methods: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

Dissolved Metals by EPA 6000/7000 Series Methods: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

Polynuclear Aromatic Compounds by GC/MS-SIM: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

TestAmerica - Portland

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of this report.

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Total Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-03 (MW-14-1106)			**Water**			**Sampled: 11/29/06 16:40**				
Arsenic	EPA 6020	**0.000340**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:16	**J**
Lead	"	**0.000160**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-06 (MW-32-1106)			**Water**			**Sampled: 11/29/06 13:45**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:34	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	
BPL0058-12 (MW-2-1106)			**Water**			**Sampled: 11/30/06 15:00**				
Arsenic	EPA 6020	**0.000350**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:40	**J**
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-15 (2B-W-4-1106)			**Water**			**Sampled: 11/30/06 11:00**				
Arsenic	EPA 6020	**0.000300**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:46	**J**
Lead	"	**0.000100**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-17 (MW-21-1106)			**Water**			**Sampled: 11/30/06 15:55**				
Arsenic	EPA 6020	**0.00184**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:52	
Lead	"	**0.000180**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-18 (MW-28-1106)			**Water**			**Sampled: 11/30/06 14:35**				
Arsenic	EPA 6020	**0.00596**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 18:58	
Lead	"	**0.000470**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-22 (1A-W-2-1106)			**Water**			**Sampled: 11/30/06 10:25**				
Arsenic	EPA 6020	**0.000650**	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 19:04	**J**
Lead	"	**0.000120**	*0.0000800*	0.00100	"	"	"	"	"	**J**
BPL0058-33 (MW-500-1106)			**Water**			**Sampled: 11/30/06 16:30**				
Arsenic	EPA 6020	ND	*0.000140*	0.00100	mg/l	1x	6L05047	12/05/06 14:01	12/06/06 19:10	
Lead	"	ND	*0.0000800*	0.00100	"	"	"	"	"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Dissolved Metals by EPA 6000/7000 Series Methods

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-03 (MW-14-1106)			**Water**			**Sampled: 11/29/06 16:40**				
Arsenic	EPA 6020 - Diss	**0.000230**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 22:47	**J**
Lead	"	**0.0000700**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPL0058-06 (MW-32-1106)			**Water**			**Sampled: 11/29/06 13:45**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 22:53	
Lead	"	**0.0000600**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPL0058-12 (MW-2-1106)			**Water**			**Sampled: 11/30/06 15:00**				
Arsenic	EPA 6020 - Diss	**0.000330**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 22:59	**J**
Lead	"	**0.0000400**	*0.0000200*	0.00100	"	"	"	"	"	**J**
BPL0058-15 (2B-W-4-1106)			**Water**			**Sampled: 11/30/06 11:00**				
Arsenic	EPA 6020 - Diss	**0.000120**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 23:17	**J**
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	12/05/06 12:52	
BPL0058-17 (MW-21-1106)			**Water**			**Sampled: 11/30/06 15:55**				
Arsenic	EPA 6020 - Diss	**0.00140**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 23:23	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	12/05/06 12:58	
BPL0058-18 (MW-28-1106)			**Water**			**Sampled: 11/30/06 14:35**				
Arsenic	EPA 6020 - Diss	**0.00636**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 23:29	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	12/05/06 13:04	
BPL0058-22 (1A-W-2-1106)			**Water**			**Sampled: 11/30/06 10:25**				
Arsenic	EPA 6020 - Diss	**0.000520**	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 23:35	**J**
Lead	"	**0.0000300**	*0.0000200*	0.00100	"	"	"	"	12/05/06 13:10	**J**
BPL0058-33 (MW-500-1106)			**Water**			**Sampled: 11/30/06 16:30**				
Arsenic	EPA 6020 - Diss	ND	*0.0000800*	0.00100	mg/l	1x	6L04034	12/04/06 13:44	12/04/06 23:41	
Lead	"	ND	*0.0000200*	0.00100	"	"	"	"	12/05/06 13:16	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-13 (2A-W-9-1106)		**Water**			**Sampled: 11/30/06 13:43**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 18:25	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0811**	*0.0236*	0.0943	"	"	"	"	"	**J**
Surrogate(s): p-Terphenyl-d14			*37.9%*		*20 - 131 %*	"			"	
BPL0058-16 (1B-W-2-1106)		**Water**			**Sampled: 11/30/06 09:39**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0686*	0.0952	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 18:51	
Acenaphthylene	"	ND	*0.0419*	0.0952	"	"	"	"	"	
Anthracene	"	ND	*0.0333*	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0286*	0.0952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0248*	0.0952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0771*	0.0952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0200*	0.0952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0314*	0.0952	"	"	"	"	"	
Chrysene	"	ND	*0.0171*	0.0952	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0276*	0.0952	"	"	"	"	"	
Fluoranthene	"	ND	*0.0200*	0.0952	"	"	"	"	"	
Fluorene	"	ND	*0.0314*	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0267*	0.0952	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0381*	0.0952	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0419*	0.0952	"	"	"	"	"	
Naphthalene	"	ND	*0.0410*	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	*0.0248*	0.0952	"	"	"	"	"	
Pyrene	"	ND	*0.0238*	0.0952	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*58.2%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-17 (MW-21-1106)		**Water**			**Sampled: 11/30/06 15:55**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 19:17	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*50.2%*		*20 - 131 %*	"			"	
BPL0058-18 (MW-28-1106)		**Water**			**Sampled: 11/30/06 14:35**					**A-01**
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/21/06 03:27	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.0396**	*0.0236*	0.0943	"	"	"	"	"	**J**
Surrogate(s): p-Terphenyl-d14			*35.6%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

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Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-19 (MW-8-1106)		**Water**			**Sampled: 11/30/06 13:40**					**A-01**
Acenaphthene	EPA 8270C-SIM	**792**	*84.9*	118	ug/l	50x	6L07029	12/07/06 11:35	12/21/06 04:30	
Acenaphthylene	"	ND	*51.9*	118	"	"	"	"	"	
Anthracene	"	ND	*41.3*	118	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*35.4*	118	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*30.7*	118	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*95.5*	118	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*24.8*	118	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*38.9*	118	"	"	"	"	"	
Chrysene	"	**1310**	*21.2*	118	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*34.2*	118	"	"	"	"	"	
Fluoranthene	"	**498**	*24.8*	118	"	"	"	"	"	
Fluorene	"	**2610**	*38.9*	118	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*33.0*	118	"	"	"	"	"	
1-Methylnaphthalene	"	**4670**	*47.2*	118	"	"	"	"	"	
2-Methylnaphthalene	"	**358**	*51.9*	118	"	"	"	"	"	
Naphthalene	"	**663**	*50.7*	118	"	"	"	"	"	
Phenanthrene	"	**3870**	*30.7*	118	"	"	"	"	"	
Pyrene	"	**2130**	*29.5*	118	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*NR*		*20 - 131 %*	"			"	***Z3***
BPL0058-20 (MW-39-1106)		**Water**			**Sampled: 11/30/06 12:50**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 19:43	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.0660**	*0.0170*	0.0943	"	"	"	"	"	**J**
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.192**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*25.8%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-21 (2A-W-1-1106)		**Water**			**Sampled: 11/30/06 09:40**					
Acenaphthene	EPA 8270C-SIM	**0.366**	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 20:09	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**2.38**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*33.7%*		*20 - 131 %*	"			"	
BPL0058-22 (1A-W-2-1106)		**Water**			**Sampled: 11/30/06 10:25**					
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/14/06 00:58	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.842**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.574**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*49.4%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-23 (MW-17-1106)		**Water**			**Sampled: 11/30/06 16:50**					**A-01**
Acenaphthene	EPA 8270C-SIM	**0.655**	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/21/06 03:58	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	**0.328**	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	**0.160**	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.536**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	**1.46**	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	**0.515**	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	**0.609**	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	**0.653**	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*61.7%*		*20 - 131 %*	"			"	
BPL0058-29 (2A-W-11-1106)		**Water**			**Sampled: 11/30/06 12:40**					**A-01**
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/20/06 16:08	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	**0.119**	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*68.6%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-30 (MW-12-1106)		**Water**			**Sampled: 11/30/06 12:00**					**A-01**
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/20/06 16:41	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*53.6%*		*20 - 131 %*	"			"	
BPL0058-31 (MW-18-1106)		**Water**			**Sampled: 11/30/06 10:30**					**A-01**
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/20/06 17:12	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*75.0%*		*20 - 131 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-33 (MW-500-1106)		**Water**			**Sampled: 11/30/06 16:30**					**A-01**
Acenaphthene	EPA 8270C-SIM	ND	*0.0679*	0.0943	ug/l	1x	6L07029	12/07/06 11:35	12/20/06 18:16	
Acenaphthylene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Anthracene	"	ND	*0.0330*	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0283*	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0764*	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Chrysene	"	ND	*0.0170*	0.0943	"	"	"	"	"	
Dibenz (a,h) anthracene	"	ND	*0.0274*	0.0943	"	"	"	"	"	
Fluoranthene	"	ND	*0.0198*	0.0943	"	"	"	"	"	
Fluorene	"	ND	*0.0311*	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0264*	0.0943	"	"	"	"	"	
1-Methylnaphthalene	"	ND	*0.0377*	0.0943	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0415*	0.0943	"	"	"	"	"	
Naphthalene	"	ND	*0.0406*	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	*0.0245*	0.0943	"	"	"	"	"	
Pyrene	"	ND	*0.0236*	0.0943	"	"	"	"	"	
Surrogate(s): p-Terphenyl-d14			*94.9%*		*20 - 131 %*	*"*			*"*	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-01 (MW-15-1106)			**Water**		**Sampled: 11/29/06 16:00**					
Diesel Range Organics	NWTPH-Dx	**0.117**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 16:47	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*103%*		*50 - 150 %*	"			"	
BPL0058-02 (MW-150-1106)			**Water**		**Sampled: 11/29/06 15:30**					
Diesel Range Organics	NWTPH-Dx	**0.139**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 17:20	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*86.9%*		*50 - 150 %*	"			"	
BPL0058-03 (MW-14-1106)			**Water**		**Sampled: 11/29/06 16:40**					
Diesel Range Organics	NWTPH-Dx	**0.0418**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 17:53	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*90.9%*		*50 - 150 %*	"			"	
BPL0058-04 (MW-40-1106)			**Water**		**Sampled: 11/29/06 15:10**					
Diesel Range Organics	NWTPH-Dx	**0.0735**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 18:25	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*78.8%*		*50 - 150 %*	"			"	
BPL0058-05 (MW-19-1106)			**Water**		**Sampled: 11/29/06 14:35**					
Diesel Range Organics	NWTPH-Dx	**0.0580**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 18:57	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*97.9%*		*50 - 150 %*	"			"	
BPL0058-07 (2A-W-8-1106)			**Water**		**Sampled: 11/29/06 16:03**					
Diesel Range Organics	NWTPH-Dx	**0.0810**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 19:30	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*81.0%*		*50 - 150 %*	"			"	
BPL0058-08 (1B-W-3-1106)			**Water**		**Sampled: 11/29/06 14:44**					
Diesel Range Organics	NWTPH-Dx	**0.104**	*0.00922*	0.243	mg/l	1x	6120356	12/11/06 11:45	12/11/06 20:02	J
Heavy Oil Range Hydrocarbons	"	ND	*0.0883*	0.485	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*86.2%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-09 (1C-W-2-1106)			**Water**		**Sampled: 11/29/06 13:38**					
Diesel Range Organics	NWTPH-Dx	**0.0173**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 11:45	12/11/06 15:10	**J**
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*89.8%*		*50 - 150 %*	"			"	
BPL0058-10 (MW-6-1106)			**Water**		**Sampled: 11/30/06 16:44**					
Diesel Range Organics	NWTPH-Dx	**5.67**	*0.00931*	0.245	mg/l	1x	6120356	12/11/06 11:45	12/12/06 00:12	**Q9**
Heavy Oil Range Hydrocarbons	"	**3.18**	*0.0892*	0.490	"	"	"	"	"	**Q7**
Surrogate(s): 1-Chlorooctadecane			*101%*		*50 - 150 %*	"			"	
BPL0058-11 (MW-1-1106)			**Water**		**Sampled: 11/30/06 15:57**					
Diesel Range Organics	NWTPH-Dx	**0.0334**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 13:30	12/11/06 15:42	**J**
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*89.3%*		*50 - 150 %*	"			"	
BPL0058-12 (MW-2-1106)			**Water**		**Sampled: 11/30/06 15:00**					
Diesel Range Organics	NWTPH-Dx	ND	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 13:30	12/11/06 16:15	
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*92.0%*		*50 - 150 %*	"			"	
BPL0058-13 (2A-W-9-1106)			**Water**		**Sampled: 11/30/06 13:43**					
Diesel Range Organics	NWTPH-Dx	**0.999**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 13:30	12/11/06 16:47	**Q9**
Heavy Oil Range Hydrocarbons	"	**0.277**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*83.6%*		*50 - 150 %*	"			"	
BPL0058-14 (2A-W-5-1106)			**Water**		**Sampled: 11/30/06 12:42**					
Diesel Range Organics	NWTPH-Dx	**0.274**	*0.00913*	0.240	mg/l	1x	6120356	12/11/06 13:30	12/11/06 17:20	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.131**	*0.0875*	0.481	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*95.3%*		*50 - 150 %*	"			"	
BPL0058-15 (2B-W-4-1106)			**Water**		**Sampled: 11/30/06 11:00**					
Diesel Range Organics	NWTPH-Dx	**0.0115**	*0.00922*	0.243	mg/l	1x	6120356	12/11/06 13:30	12/11/06 17:53	**J**
Heavy Oil Range Hydrocarbons	"	ND	*0.0883*	0.485	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*83.2%*		*50 - 150 %*	"			"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-16 (1B-W-2-1106)			**Water**		**Sampled: 11/30/06 09:39**					
Diesel Range Organics	NWTPH-Dx	**0.397**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 13:30	12/11/06 18:25	**Q11**
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*92.2%*		*50 - 150 %*	"			"	
BPL0058-17 (MW-21-1106)			**Water**		**Sampled: 11/30/06 15:55**					
Diesel Range Organics	NWTPH-Dx	**1.14**	*0.00905*	0.238	mg/l	1x	6120356	12/11/06 13:30	12/11/06 18:57	**Q9**
Heavy Oil Range Hydrocarbons	"	**0.593**	*0.0867*	0.476	"	"	"	"	"	**Q13**
Surrogate(s): 1-Chlorooctadecane			*95.3%*		*50 - 150 %*	"			"	
BPL0058-18 (MW-28-1106)			**Water**		**Sampled: 11/30/06 14:35**					
Diesel Range Organics	NWTPH-Dx	**1.90**	*0.00913*	0.240	mg/l	1x	6120356	12/11/06 13:30	12/12/06 00:44	**Q9**
Heavy Oil Range Hydrocarbons	"	**1.49**	*0.0875*	0.481	"	"	"	"	"	**Q10**
Surrogate(s): 1-Chlorooctadecane			*99.1%*		*50 - 150 %*	"			"	
BPL0058-19 (MW-8-1106)			**Water**		**Sampled: 11/30/06 13:40**					
Diesel Range Organics	NWTPH-Dx	**70.1**	*0.0950*	2.50	mg/l	10x	6120356	12/11/06 13:30	12/12/06 01:17	**Q4**
Heavy Oil Range Hydrocarbons	"	**57.1**	*0.910*	5.00	"	"	"	"	"	**Q4**
Surrogate(s): 1-Chlorooctadecane			*126%*		*50 - 150 %*	"			"	
BPL0058-20 (MW-39-1106)			**Water**		**Sampled: 11/30/06 12:50**					
Diesel Range Organics	NWTPH-Dx	**0.566**	*0.00913*	0.240	mg/l	1x	6120356	12/11/06 13:30	12/11/06 19:30	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.240**	*0.0875*	0.481	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*98.2%*		*50 - 150 %*	"			"	
BPL0058-21 (2A-W-1-1106)			**Water**		**Sampled: 11/30/06 09:40**					
Diesel Range Organics	NWTPH-Dx	**1.15**	*0.00913*	0.240	mg/l	1x	6120356	12/11/06 13:30	12/11/06 20:02	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.316**	*0.0875*	0.481	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*97.1%*		*50 - 150 %*	"			"	
BPL0058-22 (1A-W-2-1106)			**Water**		**Sampled: 11/30/06 10:25**					
Diesel Range Organics	NWTPH-Dx	**5.73**	*0.00913*	0.240	mg/l	1x	6120410	12/12/06 11:50	12/13/06 09:44	**Q9**
Heavy Oil Range Hydrocarbons	"	**5.34**	*0.0875*	0.481	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*93.1%*		*50 - 150 %*	"			"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-23 (MW-17-1106)			**Water**		**Sampled: 11/30/06 16:50**					
Diesel Range Organics	NWTPH-Dx	**3.76**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 11:50	12/13/06 10:49	**Q9**
Heavy Oil Range Hydrocarbons	"	**3.17**	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*96.1%*		*50 - 150 %*	"			"	
BPL0058-24 (MW-7-1106)			**Water**		**Sampled: 11/30/06 16:15**					
Diesel Range Organics	NWTPH-Dx	**0.381**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 11:50	12/13/06 00:29	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.346**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*99.3%*		*50 - 150 %*	"			"	
BPL0058-25 (MW-3-1106)			**Water**		**Sampled: 11/30/06 15:40**					
Diesel Range Organics	NWTPH-Dx	**0.257**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 11:50	12/13/06 01:02	**Q12**
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*98.6%*		*50 - 150 %*	"			"	
BPL0058-26 (MW-4-1106)			**Water**		**Sampled: 11/30/06 14:55**					
Diesel Range Organics	NWTPH-Dx	**0.0972**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 11:50	12/13/06 01:34	**J**
Heavy Oil Range Hydrocarbons	"	**0.139**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*104%*		*50 - 150 %*	"			"	
BPL0058-27 (MW-400-1106)			**Water**		**Sampled: 11/30/06 14:30**					
Diesel Range Organics	NWTPH-Dx	**0.0960**	*0.00913*	0.240	mg/l	1x	6120410	12/12/06 11:50	12/13/06 02:07	**J**
Heavy Oil Range Hydrocarbons	"	**0.104**	*0.0875*	0.481	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*104%*		*50 - 150 %*	"			"	
BPL0058-28 (2A-W-10-1106)			**Water**		**Sampled: 11/30/06 14:10**					
Diesel Range Organics	NWTPH-Dx	**0.446**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 01:34	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.212**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*97.9%*		*50 - 150 %*	"			"	
BPL0058-29 (2A-W-11-1106)			**Water**		**Sampled: 11/30/06 12:40**					
Diesel Range Organics	NWTPH-Dx	**0.434**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 02:07	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.312**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*98.9%*		*50 - 150 %*	"			"	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BPL0058-30 (MW-12-1106)			**Water**		**Sampled: 11/30/06 12:00**					
Diesel Range Organics	NWTPH-Dx	**0.148**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 07:46	**J**
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*105%*		*50 - 150 %*	"			"	
BPL0058-31 (MW-18-1106)			**Water**		**Sampled: 11/30/06 10:30**					
Diesel Range Organics	NWTPH-Dx	**0.840**	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 08:18	**Q12**
Heavy Oil Range Hydrocarbons	"	**0.0961**	*0.0867*	0.476	"	"	"	"	"	**J**
Surrogate(s): 1-Chlorooctadecane			*103%*		*50 - 150 %*	"			"	
BPL0058-32 (MW-13-1106)			**Water**		**Sampled: 11/30/06 09:15**					
Diesel Range Organics	NWTPH-Dx	ND	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 07:46	
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*98.0%*		*50 - 150 %*	"			"	
BPL0058-33 (MW-500-1106)			**Water**		**Sampled: 11/30/06 16:30**					
Diesel Range Organics	NWTPH-Dx	ND	*0.00905*	0.238	mg/l	1x	6120410	12/12/06 13:05	12/13/06 08:18	
Heavy Oil Range Hydrocarbons	"	ND	*0.0867*	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*98.2%*		*50 - 150 %*	"			"	

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1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

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

TestAmerica - Seattle, WA

QC Batch: 6L05047 **Water Preparation Method: EPA 3020A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L05047-BLK1)								**Extracted: 12/05/06 14:01**						
Lead	EPA 6020	ND	0.0000800	0.00100	mg/l	1x	--	--	--	--	--	--	12/06/06 17:23	
Arsenic	"	0.000220	0.000140	0.00100	"	"	--	--	--	--	--	--	"	**J**
LCS (6L05047-BS1)								**Extracted: 12/05/06 14:01**						
Lead	EPA 6020	0.0784	0.0000800	0.00100	mg/l	1x	--	0.0800	98.0%	(80-120)	--	--	12/06/06 17:29	
Arsenic	"	0.0782	0.000140	0.00100	"	"	--	"	97.8%	"	--	--	"	
Duplicate (6L05047-DUP1)				**QC Source: BPL0058-22**				**Extracted: 12/05/06 14:01**						
Lead	EPA 6020	0.000250	0.0000800	0.00100	mg/l	1x	0.000120	--	--	--	70.3%	(20)	12/06/06 17:53	**R4, J**
Arsenic	"	0.000850	0.000140	0.00100	"	"	0.000650	--	--	--	26.7%	"	"	**R4, J**
Matrix Spike (6L05047-MS1)				**QC Source: BPL0058-22**				**Extracted: 12/05/06 14:01**						
Arsenic	EPA 6020	0.0768	0.000140	0.00100	mg/l	1x	0.000650	0.0800	95.2%	(75-125)	--	--	12/06/06 17:41	
Lead	"	0.0751	0.0000800	0.00100	"	"	0.000120	"	93.7%	(80-120)	--	--	"	
Matrix Spike Dup (6L05047-MSD1)				**QC Source: BPL0058-22**				**Extracted: 12/05/06 14:01**						
Lead	EPA 6020	0.0759	0.0000800	0.00100	mg/l	1x	0.000120	0.0800	94.7%	(80-120)	1.06%	(20)	12/06/06 17:47	
Arsenic	"	0.0781	0.000140	0.00100	"	"	0.000650	"	96.8%	(75-125)	1.68%	"	"	
Post Spike (6L05047-PS1)				**QC Source: BPL0058-22**				**Extracted: 12/05/06 14:01**						
Arsenic	EPA 6020	0.103			ug/ml	1x	0.000650	0.100	102%	(75-125)	--	--	12/06/06 17:35	
Lead	"	0.0945			"	"	0.000120	0.0995	94.9%	"	--	--	"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

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

TestAmerica - Seattle, WA

QC Batch: 6L04034 **Water Preparation Method: EPA 3005A**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L04034-BLK1)									Extracted: 12/04/06 13:44					
Arsenic	EPA 6020 - Diss	ND	0.0000800	0.00100	mg/l	1x	--	--	--	--	--	--	12/04/06 22:12	
Lead	"	0.0000300	0.0000200	0.00100	"	"	--	--	--	--	--	--	"	J
LCS (6L04034-BS1)									Extracted: 12/04/06 13:44					
Arsenic	EPA 6020 - Diss	0.198	0.0000800	0.00100	mg/l	1x	--	0.200	99.0%	(80-120)	--	--	12/04/06 22:18	
Lead	"	0.194	0.0000200	0.00100	"	"	--	"	97.0%	"	--	--	"	
Duplicate (6L04034-DUP1)				QC Source: BPL0058-22					Extracted: 12/04/06 13:44					
Arsenic	EPA 6020 - Diss	0.000600	0.0000800	0.00100	mg/l	1x	0.000520	--	--	--	14.3%	(20)	12/04/06 22:35	J
Lead	"	0.0000800	0.0000200	0.00100	"	"	0.0000300	--	--	--	90.9%	"	"	R4, J
Matrix Spike (6L04034-MS1)				QC Source: BPL0058-22					Extracted: 12/04/06 13:44					
Arsenic	EPA 6020 - Diss	0.106	0.0000800	0.00100	mg/l	1x	0.000520	0.100	105%	(80-128)	--	--	12/04/06 22:23	
Lead	"	0.0994	0.0000200	0.00100	"	"	0.0000300	0.0995	99.9%	(77-120)	--	--	"	
Matrix Spike Dup (6L04034-MSD1)				QC Source: BPL0058-22					Extracted: 12/04/06 13:44					
Arsenic	EPA 6020 - Diss	0.107	0.0000800	0.00100	mg/l	1x	0.000520	0.100	106%	(80-128)	0.939%	(20)	12/06/06 10:43	
Lead	"	0.0996	0.0000200	0.00100	"	"	0.0000300	0.0995	100%	(77-120)	0.201%	"	"	

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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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L07029 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6L07029-BLK1)								Extracted: 12/07/06 11:35						
Acenaphthene	EPA 8270C-SIM	ND	0.0720	0.100	ug/l	1x	--	--	--	--	--	--	12/14/06 16:29	
Acenaphthylene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0350	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0300	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.0810	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0180	0.100	"	"	--	--	--	--	--	--	"	
Dibenz (a,h) anthracene	"	ND	0.0290	0.100	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	0.0210	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	0.0330	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0280	0.100	"	"	--	--	--	--	--	--	"	
1-Methylnaphthalene	"	ND	0.0400	0.100	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0440	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0430	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0260	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0250	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 130%*		*Limits: 20-131%*		"							*12/14/06 16:29*	
LCS (6L07029-BS1)								Extracted: 12/07/06 11:35						
Acenaphthene	EPA 8270C-SIM	16.6	0.0720	0.100	ug/l	1x	--	20.0	83.0%	(68-129)	--	--	12/21/06 13:43	
Acenaphthylene	"	16.4	0.0440	0.100	"	"	--	"	82.0%	(77-129)	--	--	"	
Anthracene	"	19.4	0.0350	0.100	"	"	--	"	97.0%	(80-146)	--	--	"	
Benzo (a) anthracene	"	15.5	0.0300	0.100	"	"	--	"	77.5%	(73-120)	--	--	"	
Benzo (a) pyrene	"	17.5	0.0260	0.100	"	"	--	"	87.5%	(70-132)	--	--	"	
Benzo (b) fluoranthene	"	17.9	0.0810	0.100	"	"	--	"	89.5%	(68-148)	--	--	"	
Benzo (k) fluoranthene	"	15.1	0.0210	0.100	"	"	--	"	75.5%	(63-150)	--	--	"	
Benzo (ghi) perylene	"	17.8	0.0330	0.100	"	"	--	"	89.0%	(46-142)	--	--	"	
Chrysene	"	18.2	0.0180	0.100	"	"	--	"	91.0%	(80-132)	--	--	"	
Dibenz (a,h) anthracene	"	16.5	0.0290	0.100	"	"	--	"	82.5%	(56-138)	--	--	"	
Fluoranthene	"	17.3	0.0210	0.100	"	"	--	"	86.5%	(79-138)	--	--	"	
Fluorene	"	17.6	0.0330	0.100	"	"	--	"	88.0%	(42-120)	--	--	"	
Indeno (1,2,3-cd) pyrene	"	17.3	0.0280	0.100	"	"	--	"	86.5%	(53-136)	--	--	"	
1-Methylnaphthalene	"	15.1	0.0400	0.100	"	"	--	"	75.5%	(41-120)	--	--	"	
2-Methylnaphthalene	"	15.5	0.0440	0.100	"	"	--	"	77.5%	(43-122)	--	--	"	
Naphthalene	"	14.9	0.0430	0.100	"	"	--	"	74.5%	(38-128)	--	--	"	
Phenanthrene	"	16.6	0.0260	0.100	"	"	--	"	83.0%	(77-123)	--	--	"	

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Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L07029 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6L07029-BS1)								Extracted: 12/07/06 11:35						
Pyrene	EPA 8270C-SIM	17.3	0.0250	0.100	ug/l	1x	--	20.0	86.5%	(60-150)	--	--	12/21/06 13:43	
Surrogate(s): p-Terphenyl-d14		*Recovery: 89.8%*		*Limits: 20-131%*		"							*12/21/06 13:43*	
Matrix Spike (6L07029-MS1)				QC Source: BPL0058-22				Extracted: 12/07/06 11:35						
Acenaphthene	EPA 8270C-SIM	17.1	0.0679	0.0943	ug/l	1x	ND	18.9	90.5%	(40-150)	--	--	12/20/06 23:10	
Acenaphthylene	"	16.5	0.0415	0.0943	"	"	ND	"	87.3%	"	--	--	"	
Anthracene	"	17.5	0.0330	0.0943	"	"	ND	"	92.6%	"	--	--	"	
Benzo (a) anthracene	"	12.3	0.0283	0.0943	"	"	ND	"	65.1%	"	--	--	"	
Benzo (a) pyrene	"	14.3	0.0245	0.0943	"	"	ND	"	75.7%	"	--	--	"	
Benzo (b) fluoranthene	"	14.5	0.0764	0.0943	"	"	ND	"	76.7%	"	--	--	"	
Benzo (k) fluoranthene	"	15.1	0.0198	0.0943	"	"	ND	"	79.9%	"	--	--	"	
Benzo (ghi) perylene	"	8.97	0.0311	0.0943	"	"	ND	"	47.5%	"	--	--	"	
Chrysene	"	14.7	0.0170	0.0943	"	"	0.842	"	73.3%	"	--	--	"	
Dibenz (a,h) anthracene	"	9.83	0.0274	0.0943	"	"	ND	"	52.0%	"	--	--	"	
Fluoranthene	"	14.2	0.0198	0.0943	"	"	ND	"	75.1%	"	--	--	"	
Fluorene	"	17.1	0.0311	0.0943	"	"	ND	"	90.5%	"	--	--	"	
Indeno (1,2,3-cd) pyrene	"	9.74	0.0264	0.0943	"	"	ND	"	51.5%	"	--	--	"	
1-Methylnaphthalene	"	15.5	0.0377	0.0943	"	"	ND	"	82.0%	"	--	--	"	
2-Methylnaphthalene	"	16.0	0.0415	0.0943	"	"	ND	"	84.7%	"	--	--	"	
Naphthalene	"	15.7	0.0406	0.0943	"	"	ND	"	83.1%	"	--	--	"	
Phenanthrene	"	15.0	0.0245	0.0943	"	"	ND	"	79.4%	"	--	--	"	
Pyrene	"	14.9	0.0236	0.0943	"	"	0.574	"	75.8%	"	--	--	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 72.2%*		*Limits: 20-131%*		"							*12/20/06 23:10*	
Matrix Spike Dup (6L07029-MSD1)				QC Source: BPL0058-22				Extracted: 12/07/06 11:35						
Acenaphthene	EPA 8270C-SIM	16.9	0.0679	0.0943	ug/l	1x	ND	18.9	89.4%	(40-150)	1.18%	(40)	12/20/06 23:42	
Acenaphthylene	"	16.4	0.0415	0.0943	"	"	ND	"	86.8%	"	0.608%	"	"	
Anthracene	"	18.0	0.0330	0.0943	"	"	ND	"	95.2%	"	2.82%	"	"	
Benzo (a) anthracene	"	13.4	0.0283	0.0943	"	"	ND	"	70.9%	"	8.56%	"	"	
Benzo (a) pyrene	"	14.7	0.0245	0.0943	"	"	ND	"	77.8%	"	2.76%	"	"	
Benzo (b) fluoranthene	"	14.5	0.0764	0.0943	"	"	ND	"	76.7%	"	0.00%	"	"	
Benzo (k) fluoranthene	"	16.0	0.0198	0.0943	"	"	ND	"	84.7%	"	5.79%	"	"	
Benzo (ghi) perylene	"	7.83	0.0311	0.0943	"	"	ND	"	41.4%	"	13.6%	"	"	
Chrysene	"	15.6	0.0170	0.0943	"	"	0.842	"	78.1%	"	5.94%	"	"	
Dibenz (a,h) anthracene	"	8.72	0.0274	0.0943	"	"	ND	"	46.1%	"	12.0%	"	"	
Fluoranthene	"	14.3	0.0198	0.0943	"	"	ND	"	75.7%	"	0.702%	"	"	
Fluorene	"	17.0	0.0311	0.0943	"	"	ND	"	89.9%	"	0.587%	"	"	
Indeno (1,2,3-cd) pyrene	"	8.63	0.0264	0.0943	"	"	ND	"	45.7%	"	12.1%	"	"	

TestAmerica - Seattle, WA

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 6L07029 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6L07029-MSD1)					QC Source: BPL0058-22				Extracted: 12/07/06 11:35					
1-Methylnaphthalene	EPA 8270C-SIM	15.6	0.0377	0.0943	ug/l	1x	ND	18.9	82.5%	(40-150)	0.643%	(40)	12/20/06 23:42	
2-Methylnaphthalene	"	16.2	0.0415	0.0943	"	"	ND	"	85.7%	"	1.24%	"	"	
Naphthalene	"	15.7	0.0406	0.0943	"	"	ND	"	83.1%	"	0.00%	"	"	
Phenanthrene	"	15.1	0.0245	0.0943	"	"	ND	"	79.9%	"	0.664%	"	"	
Pyrene	"	16.5	0.0236	0.0943	"	"	0.574	"	84.3%	"	10.2%	"	"	
Surrogate(s): p-Terphenyl-d14		*Recovery: 82.6%*		*Limits: 20-131%*		*"*							*12/20/06 23:42*	

TestAmerica - Seattle, WA

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6120356 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6120356-BLK1)								Extracted: 12/11/06 11:45						
Diesel Range Organics	NWTPH-Dx	0.0599	0.00950	0.250	mg/l	1x	--	--	--	--	--	--	12/11/06 16:15	J
Heavy Oil Range Hydrocarbons	"	ND	0.0910	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 96.4%*			*Limits: 50-150%*	"							*12/11/06 16:15*	
LCS (6120356-BS1)								Extracted: 12/11/06 11:45						
Diesel Range Organics	NWTPH-Dx	2.46	0.00950	0.250	mg/l	1x	--	2.52	97.6%	(50-150)	--	--	12/11/06 15:42	
Heavy Oil Range Hydrocarbons	"	1.60	0.0910	0.500	"	"	--	1.52	105%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 106%*			*Limits: 50-150%*	"							*12/11/06 15:42*	
LCS Dup (6120356-BSD1)								Extracted: 12/11/06 11:45						
Diesel Range Organics	NWTPH-Dx	2.45	0.00950	0.250	mg/l	1x	--	2.52	97.2%	(50-150)	0.407%	(50)	12/11/06 15:10	
Heavy Oil Range Hydrocarbons	"	1.62	0.0910	0.500	"	"	--	1.52	107%	"	1.24%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 106%*			*Limits: 50-150%*	"							*12/11/06 15:10*	

QC Batch: 6120410 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6120410-BLK1)								Extracted: 12/12/06 11:50						
Diesel Range Organics	NWTPH-Dx	0.0103	0.00950	0.250	mg/l	1x	--	--	--	--	--	--	12/12/06 19:03	J
Heavy Oil Range Hydrocarbons	"	ND	0.0910	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 99.0%*			*Limits: 50-150%*	"							*12/12/06 19:03*	
LCS (6120410-BS1)								Extracted: 12/12/06 11:50						
Diesel Range Organics	NWTPH-Dx	2.52	0.00950	0.250	mg/l	1x	--	2.52	100%	(50-150)	--	--	12/12/06 18:30	
Heavy Oil Range Hydrocarbons	"	1.56	0.0910	0.500	"	"	--	1.52	103%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*			*Limits: 50-150%*	"							*12/12/06 18:30*	
LCS Dup (6120410-BSD1)								Extracted: 12/12/06 11:50						
Diesel Range Organics	NWTPH-Dx	2.46	0.00950	0.250	mg/l	1x	--	2.52	97.6%	(50-150)	2.41%	(50)	12/12/06 17:58	
Heavy Oil Range Hydrocarbons	"	1.56	0.0910	0.500	"	"	--	1.52	103%	"	0.00%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*			*Limits: 50-150%*	"							*12/12/06 17:58*	
Matrix Spike (6120410-MS1)				QC Source: BPL0058-22				Extracted: 12/12/06 11:50						
Diesel Range Organics	NWTPH-Dx	8.09	0.00913	0.240	mg/l	1x	5.73	2.42	97.5%	(50-150)	--	--	12/13/06 09:44	
Heavy Oil Range Hydrocarbons	"	6.58	0.0875	0.481	"	"	5.34	1.46	84.9%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 102%*			*Limits: 50-150%*	"							*12/13/06 09:44*	

TestAmerica - Seattle, WA

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Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6120410 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6120410-MSD1)					**QC Source: BPL0058-22**			**Extracted: 12/12/06 11:50**						
Diesel Range Organics	NWTPH-Dx	6.79	0.00905	0.238	mg/l	1x	5.73	2.40	44.2%	(50-150)	17.5%	(50)	12/13/06 10:49	**M2**
Heavy Oil Range Hydrocarbons	"	5.35	0.0867	0.476	"	"	5.34	1.45	0.690%	"	20.6%	"	"	**M2**
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*		*Limits: 50-150%*		*"*							*12/13/06 10:49*	

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Notes and Definitions

Report Specific Notes:

A-01	-	Due to the recent 36 hour power outage, the temperatures of the lab's refrigerated storage units containing this sample could not be maintained below 6 degrees Celsius per the EPA recommended temperature guidelines prior to analysis.
J	-	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
M2	-	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
Q10	-	Hydrocarbon pattern most closely resembles a blend of weathered diesel as well as possible oil and/or biogenic interference.
Q11	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
Q12	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
Q13	-	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
Q7	-	The heavy oil range organics present are due to hydrocarbons eluting primarily in the diesel range.
Q9	-	Hydrocarbon pattern most closely resembles weathered diesel.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
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.

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

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
ANALYTICAL TESTING CORPORATION

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	BN050-16423-710	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	12/21/06 17:13

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

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.

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPL0058

LABORATORY INFORMATION

Laboratory: Test America
Project Manager:
Address: 11720 North Creek Pkwy N., Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Project Number: BN050-16423-710
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other _____

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req. Format? RETEC - Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAH's (Method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	MW-15 - 1106	2	11/29/06	1600	AMJ	N		W	X									-01
2	MW-150 -	2		1530		N			X									-02
3	MW-14 -	4		1640		N/Y			X		X	X						-03
4	MW-40 -	2		1510		N			X									-04
5	MW-19 -	2		1435		N			X									-05
6	MW-32 -	2		1345		N/Y					X	X						-06
7	2A-W-8 -	2		1603	QM	N			X									-07
8	1B-W-3 -	2		1444		N			X									-08
9	1C-W-2 -	2		1338		N			X									-09
10	MW-6 -	2	11/30/06	1644		N			X									-10
11	MW-[illegible] -	2		1557		N			X									-11
12	MW-7 -	4		1500		N/Y			X		X	X						-12
13	2A-W-9 -	4		1343		N			X	X								-13
14	2A-W-5 -	2		1242		N			X									-14
15	2B-W-4 -	4		1100		N/Y			X		X	X						-15

	Date/Time	Received By	Date/Time
Relinquished By: [signature]	12/1/06 1000	Received By: Cathy Crandall	12/1/06 10:00
Relinquished By:		Received By:	
Relinquished By:		Received By:	
Received by Laboratory:		Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Dissolved samples for As & Pb were field filtered

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPL0058

LABORATORY INFORMATION

Laboratory: Test America
Project Manager: Kate Haney
Address: 11720 North Creek Pkwy N, Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Project Number: BN050-16423-710
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-7839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other _____

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables? _____
- [x] EDD Req, Format? RETEC EDWIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-DX	PAH's (Method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	1B-W-2 - 1106	4	11/30/06	0939	QM	N		W	X	X								-16
2	MW-21-	6		1555	DWK	N/N			X	X	X	X						-17
3	MW-28-	6		1435		N/Y			X	X	X	X						-18
4	MW-8-	4		1340		N			X	X								-19
5	MW-39-	4		1250		N			X	X								-20
6	2A-W-1-	4		0940		N			X	X								-21
7	1A-W-2-	12		1025		N/Y			X	X	X	X					Extra volume for Lab QC	-22
8	MW-17-	4		1650		N			X	X								-23
9	MW-7-	2		1615	AMJ	N			X									-24
10	MW-3-	2		1540		N			X									-25
11	MW-4-	2		1455		N			X									-26
12	MW-400-	2		1430		N			X									-27
13	2A-W-10-	2		1410		N			X									-28
14	2A-W-11-	4		1240		N			X	X								-29
15	MW-12-	4		1200		N			X	X								-30

	Date/Time	Received By	Date/Time
Relinquished By: [signature]	12/1/06 10:00	Received By: Cathy Gamble	12/1/06 N:00
Relinquished By:		Received By:	
Relinquished By:		Received By:	
Received by Laboratory:		Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Dissolved samples for As & Pb were field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BPL0058

LABORATORY INFORMATION

Laboratory: Test America
Project Manager:
Address: 11720 North Creek Pkwy N, Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
Project State of Origin: WA
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: RETEC
Project Number: BN050-16423-710
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@retec.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other _____

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables? _____
- [x] EDD Req. Format? RETEC-Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx	PAHs (Method 8270C)	Total As & Pb	Dissolved As & Pb					COMMENTS	LAB USE
1	MW-18-1106	4	11/30/06	1030	AMJ	N		W	X	X								-31
2	MW-13- ↓	2	↓	0915		N		↓	X									-32
3	MW-500- ↓	6	↓	1630		N/Y		↓	X	X	X	X						-33
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	12/1/06 10:00	Cathy Cumble	12/1/06 10:00
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: Dissolved samples for As & Pb were field filtered

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

August 16, 2007

Stephen Howard
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

RE: BNSF-Skykomish

Enclosed are the results of analyses for samples received by the laboratory on 08/01/07 14:50.
The following list is a summary of the Work Orders contained in this report, generated on 08/16/07 16:33.

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

Work Order	Project	ProjectNumber
BQH0048	BNSF-Skykomish	01140204-0340

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1B-W-3-0707	BQH0048-01	Water	07/31/07 09:38	08/01/07 14:50
1C-W-1-0707	BQH0048-02	Water	07/31/07 10:40	08/01/07 14:50
1C-W-3-0707	BQH0048-03	Water	07/31/07 11:30	08/01/07 14:50
1C-W-4-0707	BQH0048-04	Water	07/31/07 12:10	08/01/07 14:50
1B-W-2-0707	BQH0048-05	Water	07/31/07 14:15	08/01/07 14:50
1A-W-1-0707	BQH0048-06	Water	07/31/07 15:25	08/01/07 14:50
2A-W-1-0707	BQH0048-07	Water	07/31/07 16:02	08/01/07 14:50
2A-W-100-0707	BQH0048-08	Water	07/31/07 15:45	08/01/07 14:50
1A-W-3-0707	BQH0048-09	Water	07/31/07 17:52	08/01/07 14:50
1A-W-30-0707	BQH0048-10	Water	07/31/07 17:00	08/01/07 14:50
1A-W-4-0707	BQH0048-11	Water	07/31/07 14:10	08/01/07 14:50
1A-W-5-0707	BQH0048-12	Water	07/31/07 15:05	08/01/07 14:50
MW-37-0707	BQH0048-13	Water	07/31/07 16:05	08/01/07 14:50
2B-W-4-0707	BQH0048-14	Water	07/31/07 17:00	08/01/07 14:50
2A-W-22-0707	BQH0048-15	Water	07/31/07 16:00	08/01/07 14:50
MW-16-0707	BQH0048-16	Water	07/31/07 08:35	08/01/07 14:50
MW-160-0707	BQH0048-17	Water	07/31/07 08:45	08/01/07 14:50
1B-W-1-0707	BQH0048-18	Water	07/31/07 09:15	08/01/07 14:50
2A-W-11-0707	BQH0048-19	Water	07/31/07 10:10	08/01/07 14:50
MW-4-0707	BQH0048-20	Water	07/31/07 10:50	08/01/07 14:50
MW-3-0707	BQH0048-21	Water	07/31/07 11:25	08/01/07 14:50
2A-W-10-0707	BQH0048-22	Water	07/31/07 12:15	08/01/07 14:50
2A-W-9-0707	BQH0048-23	Water	07/31/07 12:45	08/01/07 14:50
5-W-4-0707	BQH0048-24	Water	07/31/07 09:50	08/01/07 14:50
MW-19-0707	BQH0048-25	Water	07/31/07 08:50	08/01/07 14:50
MW-34-0707	BQH0048-26	Water	07/31/07 11:00	08/01/07 14:50
MW-35-0707	BQH0048-27	Water	07/31/07 12:00	08/01/07 14:50
MW-38-0707	BQH0048-28	Water	07/31/07 14:10	08/01/07 14:50
MW-39-0707	BQH0048-29	Water	07/31/07 14:40	08/01/07 14:50
MW-500-0707	BQH0048-30	Water	07/31/07 15:00	08/01/07 14:50
2A-W-6-0707	BQH0048-31	Water	07/31/07 16:55	08/01/07 14:50
5-W-18-0707	BQH0048-32	Water	08/01/07 09:10	08/01/07 14:50
5-W-19-0707	BQH0048-33	Water	08/01/07 10:00	08/01/07 14:50
5-W-190-0707	BQH0048-34	Water	08/01/07 10:15	08/01/07 14:50
5-W-20-0707	BQH0048-35	Water	08/01/07 11:15	08/01/07 14:50

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1C-W-2-0707	BQH0048-36	Water	08/01/07 12:10	08/01/07 14:50
5-W-14-0707	BQH0048-37	Water	08/01/07 08:45	08/01/07 14:50
5-W-15-0707	BQH0048-38	Water	08/01/07 10:20	08/01/07 14:50
5-W-17-0707	BQH0048-39	Water	08/01/07 11:50	08/01/07 14:50
5-W-16-0707	BQH0048-40	Water	08/01/07 12:45	08/01/07 14:50

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

Analytical Case Narrative

TestAmerica - Seattle, WA

BQH0048

SAMPLE RECEIPT

The samples were received August 1st, 2007 by TestAmerica - Seattle. The temperature of the samples at the time of receipt was 14.7 degrees Celsius.

PREPARATIONS AND ANALYSIS

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up): No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

Tentatively Identified Compounds by GC/MS: No additional anomalies, discrepancies, or issues were associated with sample preparation, analysis and quality control other than those already qualified in the data and described in the Notes and Definitions page at the end of the report.

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-01 (1B-W-3-0707)		**Water**			**Sampled: 07/31/07 09:38**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 10:26	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*74.6%*		*53 - 125 %*	"			"	
Octacosane			*110%*		*68 - 125 %*	"			"	
BQH0048-02 (1C-W-1-0707)		**Water**			**Sampled: 07/31/07 10:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.129**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 10:52	**J**
Lube Oil Range Hydrocarbons	"	**0.107**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*88.6%*		*53 - 125 %*	"			"	
Octacosane			*116%*		*68 - 125 %*	"			"	
BQH0048-03 (1C-W-3-0707)		**Water**			**Sampled: 07/31/07 11:30**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 11:19	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*77.2%*		*53 - 125 %*	"			"	
Octacosane			*108%*		*68 - 125 %*	"			"	
BQH0048-04RE1 (1C-W-4-0707)		**Water**			**Sampled: 07/31/07 12:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.707**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 23:18	
Lube Oil Range Hydrocarbons	"	**0.240**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*91.4%*		*53 - 125 %*	"			"	
Octacosane			*117%*		*68 - 125 %*	"			"	
BQH0048-05 (1B-W-2-0707)		**Water**			**Sampled: 07/31/07 14:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.493**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 12:11	
Lube Oil Range Hydrocarbons	"	**0.203**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*92.7%*		*53 - 125 %*	"			"	
Octacosane			*113%*		*68 - 125 %*	"			"	
BQH0048-06 (1A-W-1-0707)		**Water**			**Sampled: 07/31/07 15:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.578**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 12:38	
Lube Oil Range Hydrocarbons	"	**0.202**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*85.7%*		*53 - 125 %*	"			"	
Octacosane			*117%*		*68 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-07RE1 (2A-W-1-0707)			**Water**		**Sampled: 07/31/07 16:02**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.959**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 23:44	
Lube Oil Range Hydrocarbons	"	**0.425**	*0.0849*	0.472	"	"	"	"	"	J
Surrogate(s): 2-FBP			*93.3%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-08RE1 (2A-W-100-0707)			**Water**		**Sampled: 07/31/07 15:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.924**	*0.0385*	0.240	mg/l	1x	7H03010	08/03/07 09:17	08/08/07 00:11	
Lube Oil Range Hydrocarbons	"	**0.384**	*0.0865*	0.481	"	"	"	"	"	J
Surrogate(s): 2-FBP			*92.4%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-09 (1A-W-3-0707)			**Water**		**Sampled: 07/31/07 17:52**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.155**	*0.0392*	0.245	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 15:16	J
Lube Oil Range Hydrocarbons	"	**0.116**	*0.0882*	0.490	"	"	"	"	"	J
Surrogate(s): 2-FBP			*79.8%*		*53 - 125 %*	"			"	
Octacosane			*109%*		*68 - 125 %*	"			"	
BQH0048-10 (1A-W-30-0707)			**Water**		**Sampled: 07/31/07 17:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.147**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 15:42	J
Lube Oil Range Hydrocarbons	"	**0.118**	*0.0849*	0.472	"	"	"	"	"	J
Surrogate(s): 2-FBP			*76.3%*		*53 - 125 %*	"			"	
Octacosane			*107%*		*68 - 125 %*	"			"	
BQH0048-11 (1A-W-4-0707)			**Water**		**Sampled: 07/31/07 14:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 16:09	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*80.7%*		*53 - 125 %*	"			"	
Octacosane			*109%*		*68 - 125 %*	"			"	
BQH0048-12 (1A-W-5-0707)			**Water**		**Sampled: 07/31/07 15:05**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0381*	0.238	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 16:35	
Lube Oil Range Hydrocarbons	"	ND	*0.0857*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*87.5%*		*53 - 125 %*	"			"	
Octacosane			*115%*		*68 - 125 %*	"			"	

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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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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-13 (MW-37-0707)			**Water**		**Sampled: 07/31/07 16:05**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.553**	*0.0381*	0.238	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 17:01	**Q4**
Lube Oil Range Hydrocarbons	"	**0.223**	*0.0857*	0.476	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*87.0%*		*53 - 125 %*	"			"	
Octacosane			*118%*		*68 - 125 %*	"			"	
BQH0048-14 (2B-W-4-0707)			**Water**		**Sampled: 07/31/07 17:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 17:28	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*79.9%*		*53 - 125 %*	"			"	
Octacosane			*105%*		*68 - 125 %*	"			"	
BQH0048-15 (2A-W-22-0707)			**Water**		**Sampled: 07/31/07 16:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 17:54	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*80.6%*		*53 - 125 %*	"			"	
Octacosane			*109%*		*68 - 125 %*	"			"	
BQH0048-16 (MW-16-0707)			**Water**		**Sampled: 07/31/07 08:35**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 22:52	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*76.5%*		*53 - 125 %*	"			"	
Octacosane			*110%*		*68 - 125 %*	"			"	
BQH0048-17 (MW-160-0707)			**Water**		**Sampled: 07/31/07 08:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 20:06	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*80.6%*		*53 - 125 %*	"			"	
Octacosane			*109%*		*68 - 125 %*	"			"	
BQH0048-18 (1B-W-1-0707)			**Water**		**Sampled: 07/31/07 09:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.478**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 21:33	
Lube Oil Range Hydrocarbons	"	**0.141**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*79.0%*		*53 - 125 %*	"			"	
Octacosane			*113%*		*68 - 125 %*	"			"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-19 (2A-W-11-0707)			**Water**		**Sampled: 07/31/07 10:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.884**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 21:59	**Q4**
Lube Oil Range Hydrocarbons	"	**1.12**	*0.0849*	0.472	"	"	"	"	"	**Q4**
Surrogate(s): 2-FBP			*90.0%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-20 (MW-4-0707)			**Water**		**Sampled: 07/31/07 10:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/07/07 22:25	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*84.1%*		*53 - 125 %*	"			"	
Octacosane			*111%*		*68 - 125 %*	"			"	
BQH0048-21 (MW-3-0707)			**Water**		**Sampled: 07/31/07 11:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.130**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/09/07 20:22	**J**
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.4%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-22RE1 (2A-W-10-0707)			**Water**		**Sampled: 07/31/07 12:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.322**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/13/07 21:45	**Q11**
Lube Oil Range Hydrocarbons	"	**0.0955**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*87.6%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-23 (2A-W-9-0707)			**Water**		**Sampled: 07/31/07 12:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.728**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/09/07 21:21	**Q11**
Lube Oil Range Hydrocarbons	"	**0.195**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*86.8%*		*53 - 125 %*	"			"	
Octacosane			*122%*		*68 - 125 %*	"			"	
BQH0048-24 (5-W-4-0707)			**Water**		**Sampled: 07/31/07 09:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.311**	*0.0381*	0.238	mg/l	1x	7H06070	08/06/07 20:55	08/09/07 21:51	**Q11**
Lube Oil Range Hydrocarbons	"	**0.193**	*0.0857*	0.476	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*85.9%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-25RE1 (MW-19-0707)		**Water**			**Sampled: 07/31/07 08:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0381*	0.238	mg/l	1x	7H06070	08/06/07 20:55	08/13/07 22:15	
Lube Oil Range Hydrocarbons	"	ND	*0.0857*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*90.0%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-26RE1 (MW-34-0707)		**Water**			**Sampled: 07/31/07 11:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.0488**	*0.0381*	0.238	mg/l	1x	7H06070	08/06/07 20:55	08/13/07 22:44	**J**
Lube Oil Range Hydrocarbons	"	ND	*0.0857*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*81.9%*		*53 - 125 %*	"			"	
Octacosane			*120%*		*68 - 125 %*	"			"	
BQH0048-27 (MW-35-0707)		**Water**			**Sampled: 07/31/07 12:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.311**	*0.0381*	0.238	mg/l	1x	7H06070	08/06/07 20:55	08/09/07 23:20	
Lube Oil Range Hydrocarbons	"	ND	*0.0857*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*94.5%*		*53 - 125 %*	"			"	
Octacosane			*125%*		*68 - 125 %*	"			"	
BQH0048-28 (MW-38-0707)		**Water**			**Sampled: 07/31/07 14:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 01:20	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.6%*		*53 - 125 %*	"			"	
Octacosane			*125%*		*68 - 125 %*	"			"	
BQH0048-29 (MW-39-0707)		**Water**			**Sampled: 07/31/07 14:40**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.681**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 01:49	**Q11**
Lube Oil Range Hydrocarbons	"	**0.380**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*90.0%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-30 (MW-500-0707)		**Water**			**Sampled: 07/31/07 15:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 02:19	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*99.6%*		*53 - 125 %*	"			"	
Octacosane			*125%*		*68 - 125 %*	"			"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-31 (2A-W-6-0707)			**Water**		**Sampled: 07/31/07 16:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.768**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 02:49	**Q11**
Lube Oil Range Hydrocarbons	"	**0.135**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*95.0%*		*53 - 125 %*	"			"	
Octacosane			*120%*		*68 - 125 %*	"			"	
BQH0048-32 (5-W-18-0707)			**Water**		**Sampled: 08/01/07 09:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.588**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 03:18	**Q12**
Lube Oil Range Hydrocarbons	"	**0.248**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*94.7%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-33 (5-W-19-0707)			**Water**		**Sampled: 08/01/07 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 03:48	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*75.1%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-34RE1 (5-W-190-0707)			**Water**		**Sampled: 08/01/07 10:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/13/07 23:14	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.1%*		*53 - 125 %*	"			"	
Octacosane			*122%*		*68 - 125 %*	"			"	
BQH0048-35 (5-W-20-0707)			**Water**		**Sampled: 08/01/07 11:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.527**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 04:47	**Q12**
Lube Oil Range Hydrocarbons	"	**0.216**	*0.0849*	0.472	"	"	"	"	"	**J**
Surrogate(s): 2-FBP			*95.6%*		*53 - 125 %*	"			"	
Octacosane			*124%*		*68 - 125 %*	"			"	
BQH0048-36RE1 (1C-W-2-0707)			**Water**		**Sampled: 08/01/07 12:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/13/07 23:44	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*89.0%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-37 (5-W-14-0707)		**Water**			**Sampled: 08/01/07 08:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 05:47	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*86.6%*		*53 - 125 %*	"			"	
Octacosane			*123%*		*68 - 125 %*	"			"	
BQH0048-38RE1 (5-W-15-0707)		**Water**			**Sampled: 08/01/07 10:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.182**	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/14/07 00:14	**J**
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*90.9%*		*53 - 125 %*	"			"	
Octacosane			*128%*		*68 - 125 %*	"			"	***Z2***
BQH0048-39 (5-W-17-0707)		**Water**			**Sampled: 08/01/07 11:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/10/07 08:15	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*97.5%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-40RE1 (5-W-16-0707)		**Water**			**Sampled: 08/01/07 12:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H06070	08/06/07 20:55	08/14/07 00:44	
Lube Oil Range Hydrocarbons	"	ND	*0.0849*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*88.9%*		*53 - 125 %*	"			"	
Octacosane			*124%*		*68 - 125 %*	"			"	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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
BQH0048-02 (1C-W-1-0707)		**Water**			**Sampled: 07/31/07 10:40**					
Diesel Range (SGCU)	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/15/07 14:46	
Lube Oil Range (SGCU)	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP (SGCU)			*84.4%*		*53 - 125 %*	"			"	
Octacosane (SGCU)			*109%*		*68 - 125 %*	"			"	
BQH0048-04 (1C-W-4-0707)		**Water**			**Sampled: 07/31/07 12:10**					
Diesel Range (SGCU)	NWTPH-Dx	**0.123**	*0.0377*	0.236	mg/l	1x	7H03010	08/03/07 09:17	08/15/07 15:16	J
Lube Oil Range (SGCU)	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP (SGCU)			*79.8%*		*53 - 125 %*	"			"	
Octacosane (SGCU)			*104%*		*68 - 125 %*	"			"	
BQH0048-06 (1A-W-1-0707)		**Water**			**Sampled: 07/31/07 15:25**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0381*	0.238	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 10:00	
Lube Oil Range Hydrocarbons	"	ND	*0.152*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP			*96.1%*		*53 - 125 %*	"			"	
Octacosane			*121%*		*68 - 125 %*	"			"	
BQH0048-27 (MW-35-0707)		**Water**			**Sampled: 07/31/07 12:00**					
Diesel Range (SGCU)	NWTPH-Dx	**0.0686**	*0.0381*	0.238	mg/l	1x	7H06070	08/06/07 20:55	08/15/07 13:41	J
Lube Oil Range (SGCU)	"	ND	*0.152*	0.476	"	"	"	"	"	
Surrogate(s): 2-FBP (SGCU)			*79.5%*		*53 - 125 %*	"			"	
Octacosane (SGCU)			*107%*		*68 - 125 %*	"			"	
BQH0048-31 (2A-W-6-0707)		**Water**			**Sampled: 07/31/07 16:55**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.223**	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 10:26	J
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*94.9%*		*53 - 125 %*	"			"	
Octacosane			*115%*		*68 - 125 %*	"			"	
BQH0048-32 (5-W-18-0707)		**Water**			**Sampled: 08/01/07 09:10**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.0485**	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 10:52	J
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*93.3%*		*53 - 125 %*	"			"	
Octacosane			*116%*		*68 - 125 %*	"			"	

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Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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
BQH0048-33 (5-W-19-0707)		**Water**			**Sampled: 08/01/07 10:00**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 11:19	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*87.5%*		*53 - 125 %*	"			"	
Octacosane			*114%*		*68 - 125 %*	"			"	
BQH0048-34 (5-W-190-0707)		**Water**			**Sampled: 08/01/07 10:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 11:45	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*97.2%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	
BQH0048-35 (5-W-20-0707)		**Water**			**Sampled: 08/01/07 11:15**					
Diesel Range Hydrocarbons	NWTPH-Dx	**0.0391**	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 12:11	**J**
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.1%*		*53 - 125 %*	"			"	
Octacosane			*117%*		*68 - 125 %*	"			"	
BQH0048-37 (5-W-14-0707)		**Water**			**Sampled: 08/01/07 08:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 12:38	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*95.8%*		*53 - 125 %*	"			"	
Octacosane			*117%*		*68 - 125 %*	"			"	
BQH0048-38 (5-W-15-0707)		**Water**			**Sampled: 08/01/07 10:20**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 14:23	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*101%*		*53 - 125 %*	"			"	
Octacosane			*123%*		*68 - 125 %*	"			"	
BQH0048-39 (5-W-17-0707)		**Water**			**Sampled: 08/01/07 11:50**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 14:49	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*94.2%*		*53 - 125 %*	"			"	
Octacosane			*119%*		*68 - 125 %*	"			"	

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Kate Haney, Project Manager

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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
BQH0048-40 (5-W-16-0707)		**Water**			**Sampled: 08/01/07 12:45**					
Diesel Range Hydrocarbons	NWTPH-Dx	ND	*0.0377*	0.236	mg/l	1x	7H03012	08/03/07 09:35	08/07/07 15:16	
Lube Oil Range Hydrocarbons	"	ND	*0.151*	0.472	"	"	"	"	"	
Surrogate(s): 2-FBP			*93.5%*		*53 - 125 %*	"			"	
Octacosane			*117%*		*68 - 125 %*	"			"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

Tentatively Identified Compounds by GC/MS

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQH0048-06 (1A-W-1-0707)		**Water**			**Sampled: 07/31/07 15:25**					
3-Penten-2-ol	EPA 8270C	**4.95**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 20:59	**T7**
BQH0048-32 (5-W-18-0707)		**Water**			**Sampled: 08/01/07 09:10**					
3-Penten-2-ol	EPA 8270C	**4.51**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 21:23	**T7**
BQH0048-33 (5-W-19-0707)		**Water**			**Sampled: 08/01/07 10:00**					
2-Butene, 1-methoxy-, (Z)-	EPA 8270C	**4.53**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 21:47	**T7**
BQH0048-34 (5-W-190-0707)		**Water**			**Sampled: 08/01/07 10:15**					
3-Penten-2-ol	EPA 8270C	**3.98**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 22:11	**T7**
BQH0048-35 (5-W-20-0707)		**Water**			**Sampled: 08/01/07 11:15**					
Z-1-Methoxy-2-pentene	EPA 8270C	**5.96**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 22:36	**T7**
BQH0048-37 (5-W-14-0707)		**Water**			**Sampled: 08/01/07 08:45**					
3-Penten-2-ol	EPA 8270C	**4.81**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 23:00	**T7**
BQH0048-38 (5-W-15-0707)		**Water**			**Sampled: 08/01/07 10:20**					
Z-1-Methoxy-2-pentene	EPA 8270C	**4.69**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 23:24	**T7**
BQH0048-39 (5-W-17-0707)		**Water**			**Sampled: 08/01/07 11:50**					
trans-3-Penten-2-ol	EPA 8270C	**4.17**			ug/l	1x	7H06068	08/06/07 20:53	08/10/07 23:48	**T7**
BQH0048-40 (5-W-16-0707)		**Water**			**Sampled: 08/01/07 12:45**					
3-Buten-2-ol, 2-methyl-	EPA 8270C	**4.00**			ug/l	1x	7H06068	08/06/07 20:53	08/11/07 00:12	**T7**

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1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

QC Batch: 7H03010 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H03010-BLK1)								**Extracted: 08/03/07 09:17**						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	08/07/07 08:41	
Lube Oil Range Hydrocarbons	"	ND	0.0900	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 76.6%*			*Limits: 53-125%*	"							*08/07/07 08:41*	
Octacosane		*110%*			*68-125%*	"							"	
LCS (7H03010-BS1)								**Extracted: 08/03/07 09:17**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.00	0.0400	0.250	mg/l	1x	--	2.00	100%	(61-132)	--	--	08/07/07 09:07	
Surrogate(s): 2-FBP		*Recovery: 82.8%*			*Limits: 53-125%*	"							*08/07/07 09:07*	
Octacosane		*110%*			*68-125%*	"							"	
Duplicate (7H03010-DUP1)					**QC Source: BQH0048-11**			**Extracted: 08/03/07 09:17**						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0377	0.236	mg/l	1x	ND	--	--	--	NR	(40)	08/07/07 10:00	
Lube Oil Range Hydrocarbons	"	ND	0.0849	0.472	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 2-FBP		*Recovery: 76.8%*			*Limits: 53-125%*	"							*08/07/07 10:00*	
Octacosane		*109%*			*68-125%*	"							"	
Matrix Spike (7H03010-MS1)					**QC Source: BQH0048-11**			**Extracted: 08/03/07 09:17**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.87	0.0377	0.236	mg/l	1x	ND	1.89	99.0%	(32-143)	--	--	08/07/07 09:33	
Surrogate(s): 2-FBP		*Recovery: 81.4%*			*Limits: 53-125%*	"							*08/07/07 09:33*	
Octacosane		*117%*			*68-125%*	"							"	

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The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

QC Batch: 7H06070 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H06070-BLK1)								**Extracted: 08/06/07 20:55**						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	08/09/07 18:53	
Lube Oil Range Hydrocarbons	"	ND	0.0900	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 86.5%*			*Limits: 53-125%*	"							*08/09/07 18:53*	
Octacosane			*118%*		*68-125%*	"							"	
LCS (7H06070-BS1)								**Extracted: 08/06/07 20:55**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.80	0.0400	0.250	mg/l	1x	--	2.00	90.2%	(61-132)	--	--	08/09/07 19:22	
Surrogate(s): 2-FBP		*Recovery: 85.1%*			*Limits: 53-125%*	"							*08/09/07 19:22*	
Octacosane			*121%*		*68-125%*	"							"	
LCS Dup (7H06070-BSD1)								**Extracted: 08/06/07 20:55**						
Diesel Range Hydrocarbons	NWTPH-Dx	1.83	0.0400	0.250	mg/l	1x	--	2.00	91.3%	(61-132)	1.24%	(40)	08/09/07 19:52	
Surrogate(s): 2-FBP		*Recovery: 85.8%*			*Limits: 53-125%*	"							*08/09/07 19:52*	
Octacosane			*122%*		*68-125%*	"							"	

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Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

QC Batch: 7H03010 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H03010-BLK2)								Extracted: 08/03/07 09:17						
Diesel Range (SGCU)	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	08/15/07 12:12	
Lube Oil Range (SGCU)	"	ND	0.160	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 62.1%*			*Limits: 53-125%*	"							*08/15/07 12:12*	
Octacosane (SGCU)		*102%*			*68-125%*	"							"	
LCS (7H03010-BS2)								Extracted: 08/03/07 09:17						
Diesel Range (SGCU)	NWTPH-Dx	2.04	0.0400	0.250	mg/l	1x	--	2.00	102%	(61-132)	--	--	08/15/07 12:42	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 75.1%*			*Limits: 53-125%*	"							*08/15/07 12:42*	
Octacosane (SGCU)		*106%*			*68-125%*	"							"	
Duplicate (7H03010-DUP2)				QC Source: BQH0048-11				Extracted: 08/03/07 09:17						
Diesel Range (SGCU)	NWTPH-Dx	ND	0.0377	0.236	mg/l	1x	ND	--	--	--	NR	(50)	08/15/07 13:12	
Lube Oil Range (SGCU)	"	ND	0.151	0.472	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 68.4%*			*Limits: 53-125%*	"							*08/15/07 13:12*	
Octacosane (SGCU)		*107%*			*68-125%*	"							"	
Matrix Spike (7H03010-MS2)				QC Source: BQH0048-11				Extracted: 08/03/07 09:17						
Diesel Range (SGCU)	NWTPH-Dx	1.90	0.0377	0.236	mg/l	1x	ND	1.89	101%	(32-143)	--	--	08/15/07 13:41	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 73.1%*			*Limits: 53-125%*	"							*08/15/07 13:41*	
Octacosane (SGCU)		*113%*			*68-125%*	"							"	

TestAmerica - Seattle, WA

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1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

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

TestAmerica - Seattle, WA

QC Batch: 7H03012 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H03012-BLK1)								**Extracted: 08/03/07 09:35**						
Diesel Range Hydrocarbons	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	08/07/07 08:41	
Lube Oil Range Hydrocarbons	"	ND	0.160	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP		*Recovery: 93.0%*			*Limits: 53-125%*	"							*08/07/07 08:41*	
Octacosane		*119%*			*68-125%*	"							"	
LCS (7H03012-BS1)								**Extracted: 08/03/07 09:35**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.20	0.0400	0.250	mg/l	1x	--	2.00	110%	(61-132)	--	--	08/07/07 09:07	
Surrogate(s): 2-FBP		*Recovery: 86.4%*			*Limits: 53-125%*	"							*08/07/07 09:07*	
Octacosane		*116%*			*68-125%*	"							"	
LCS Dup (7H03012-BSD1)								**Extracted: 08/03/07 09:35**						
Diesel Range Hydrocarbons	NWTPH-Dx	2.33	0.0400	0.250	mg/l	1x	--	2.00	116%	(61-132)	5.58%	(35)	08/07/07 09:33	
Surrogate(s): 2-FBP		*Recovery: 98.6%*			*Limits: 53-125%*	"							*08/07/07 09:33*	
Octacosane		*125%*			*68-125%*	"							"	

QC Batch: 7H06070 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H06070-BLK2)								**Extracted: 08/06/07 20:55**						
Diesel Range (SGCU)	NWTPH-Dx	ND	0.0400	0.250	mg/l	1x	--	--	--	--	--	--	08/15/07 12:12	
Lube Oil Range (SGCU)	"	ND	0.160	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 69.8%*			*Limits: 53-125%*	"							*08/15/07 12:12*	
Octacosane (SGCU)		*95.8%*			*68-125%*	"							"	
LCS (7H06070-BS2)								**Extracted: 08/06/07 20:55**						
Diesel Range (SGCU)	NWTPH-Dx	1.72	0.0400	0.250	mg/l	1x	--	2.00	86.0%	(61-132)	--	--	08/15/07 12:42	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 78.8%*			*Limits: 53-125%*	"							*08/15/07 12:42*	
Octacosane (SGCU)		*111%*			*68-125%*	"							"	
LCS Dup (7H06070-BSD2)								**Extracted: 08/06/07 20:55**						
Diesel Range (SGCU)	NWTPH-Dx	1.76	0.0400	0.250	mg/l	1x	--	2.00	88.1%	(61-132)	2.42%	(35)	08/15/07 13:12	
Surrogate(s): 2-FBP (SGCU)		*Recovery: 80.2%*			*Limits: 53-125%*	"							*08/15/07 13:12*	
Octacosane (SGCU)		*112%*			*68-125%*	"							"	

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
THE LEADER IN ENVIRONMENTAL TESTING

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

Tentatively Identified Compounds by GC/MS - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7H06068 **Water Preparation Method: EPA 3520C**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7H06068-BLK1)								**Extracted: 08/06/07 20:53**						
Tentatively Identified Compounds	EPA 8270C	ND	1.00	5.00	ug/l	1x	--	--	--	--	--	--	08/10/07 18:11	

TestAmerica - Seattle, WA

Kate Haney, Project Manager

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

The RETEC Group, Inc.	Project Name:	**BNSF-Skykomish**	
1011 SW Klickitat Way, Suite 207	Project Number:	01140204-0340	Report Created:
Seattle, WA 98134	Project Manager:	Stephen Howard	08/16/07 16:33

Notes and Definitions

Report Specific Notes:

J	-	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Q11	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
Q12	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
Q4	-	The hydrocarbons present are a complex mixture of diesel range and heavy oil range organics.
T7	-	Tentatively identified compound. Concentration is estimated based on the closest internal standard.
Z2	-	Surrogate recovery was above the acceptance limits. Data not impacted.

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

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.

BNSF RAILWAY

CHAIN OF CUSTODY

LAB WORK ORDER: BGH0048

LABORATORY INFORMATION

Laboratory: Test America
Project Manager:
Address: 11720 North Crk Pkwy N, Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

Project State of Origin: WA
BNSF Project Number:
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Project Number: 01140204-0340
Company: ENSR
Project Manager: Steve Howard
Address: 1011 SW Klickitat Way, Ste 207
Email: showard@ensr.aecom.com
City/State/ZIP: Seattle, WA 98134
Phone: (206) 624-9349
Fax: (206) 624-2839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 5- to 8-day Rush
- [ ] 2-day Rush
- [x] Standard 10-Day
- [ ] 3-day Rush
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req. Format? Equis

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx w/o SGCH	NWTPH-Dx w/SGCH	Method 8270 TIC	COMMENTS	LAB USE
1	1B-W-3-0707	2	7/31/07	0938	AJ	N		W	X				
2	* 1C-W-1-	2		1040					X	(see note below)			
3	1C-W-3-	2		1130					X				
4	* 1C-W-4-	2		1210					X	(see note below)			
5	1B-W-2-	2		1415					X				
6	1A-W-1-	6		1525					X	X	X		
7	2A-W-1-	2		1602					X				
8	2A-W-100-	2		1545					X				
9	1A-W-3-	2		1752					X				
10	1A-W-30-	2		1700					X				
11	1A-W-4-	6		1410	CS				X			Extra Sample Volume for LABC	
12	1A-W-5-	2		1505					X				
13	MW-37-	2		1605					X				
14	2B-W-4-	2		1700					X				
15	2A-W-22-	2		1600	DWK				X				

Relinquished By:	Date/Time:	Received By:	Date/Time:
(ENSR)	8/1/07 14:50		8/1/07 14:50
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements: *1C-W-1 & 1C-W-4 samples: please run NWTPH-Dx w/SGCH after confirming NWTPH-Dx w/o SGCH analysis is complete.

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05

w/o 14.7

BQH0048

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Address: 11720 North Crk Pkwy N., Ste 400
City/State/ZIP: Bothell, WA 98011
Project Manager:
Phone: (425) 420-9200
Fax:

LAB WORK ORDER:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

BNSF Project Number:
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
Project State of Origin: WA
Project City: Skykomish
BNSF Work Order No.: TT0100E02

CONSULTANT INFORMATION

Company: ENSR
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98134
Project Number: 01140204-0340
Project Manager: Steve Howard
Email: showard@ensr.aecom.com
Phone: (206) 624-9349
Fax: (206) 624-7839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 2-day Rush
- [ ] 3-day Rush
- [ ] 5- to 8-day Rush
- [x] Standard 10-Day
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? EQuIS

METHODS FOR ANALYSIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx w/o SGCU	NWTPH-Dx w/ SGCU						COMMENTS	LAB USE
1	MW-16-0707	2	7/31/07	0835	DWK	N		W	X								
2	MW-160-	2		0845					X								
3	1B-W-1-	2		0915					X								
4	2A-W-11-	2		1010					X								
5	MW-4-	2		1050					X								
6	MW-3-	2		1125					X								
7	2A-W-10-	2		1215					X								
8	2A-W-9-	2		1245					X								
9	SW-4-	2		0950	CS				X								
10	MW-19-	2	~~8/1/07~~	0850					X								
11	MW-34-	2		1100					X								
12	* MW-35-	2		1200					X		See note below						
13	MW-38-	2		1410	DWK				X								
14	MW-39-	2		1440					X								
15	MW-500-	2		1500					X								

Relinquished By:	Date/Time:	Received By:	Date/Time:
(ENSR)	8/1/07 14:50		8/1/07 1450
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements:
* MW-35 sample: please run NWTPH-Dx with silica gel cleanup after confirming NWTPH-Dx w/o SGCU analysis is complete

Custody Seal No.:
BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES
DUPLICATE - CONSULTANT
Rev 10/02/05

BQH1004B

BNSF RAILWAY

CHAIN OF CUSTODY

LABORATORY INFORMATION

Laboratory: Test America
Project Manager:
Address: 11720 North Crk Pkwy N., Ste 400
Phone: (425) 420-9200
City/State/ZIP: Bothell, WA 98011
Fax:

LAB WORK ORDER:

SHIPMENT INFORMATION

Shipment Method: Hand delivered
Tracking Number:

BNSF PROJECT INFORMATION

Project State of Origin: WA
BNSF Project Number:
Project City: Skykomish
BNSF Project Name: Skykomish
BNSF Contact: Bruce Sheppard
BNSF Work Order No.: TT0100502

CONSULTANT INFORMATION

Company: ENSR
Address: 1011 SW Klickitat Way, Ste 207
City/State/ZIP: Seattle, WA 98011
Project Number: 01140204-0346
Project Manager: Steve Howard
Email: showard@ensr.aecom.com
Phone: (206) 624-9349
Fax: (206) 624-7839

TURNAROUND TIME

- [ ] 1-day Rush
- [ ] 2-day Rush
- [ ] 3-day Rush
- [ ] 5- to 8-day Rush
- [x] Standard 10-Day
- [ ] Other

DELIVERABLES

- [x] BNSF Standard (Level II)
- [ ] Level III
- [ ] Level IV
- [ ] Other Deliverables?
- [x] EDD Req, Format? EQUIS

METHODS FOR ANALYSIS

SAMPLE INFORMATION

	Sample identification	Containers	Sample Collection Date	Time	Sampler	Filtered Y/N	Type (Comp/Grab)	Matrix	NWTPH-Dx w/o SGCU	NWTPH-Dx w/ SGCU	Method 8270 TIC						COMMENTS	LAB USE
1	2A-W-6-0707	4	7/31/07	1655	DWK	N		W	X	X								
2	5-W-18-	6	8/1/07	0910					X	X	X							
3	5-W-19-	6		1000					X	X	X							
4	5-W-190-	6		1015					X	X	X							
5	5-W-20-	6		1115					X	X	X							
6	1C-W-2-	2		1210					X									
7	5-W-14-	6		1045	CS				X	X	X							
8	5-W-15-	6		1020					X	X	X							
9	5-W-17-	6		1150					X	X	X							
10	5-W-16-	6		1245					X	X	X							
11																		
12																		
13																		
14																		
15																		

Relinquished By:	Date/Time:	Received By:	Date/Time:
(ENSR)	8/1/07 14:50		8/1/07 1450
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Received by Laboratory:	Date/Time:	Lab Remarks:	Lab: Custody Intact? ☐ Yes ☐ No

Comments and Special Analytical Requirements:

Custody Seal No.:

BNSF COC No.:

ORIGINAL - RETURN TO LABORATORY WITH SAMPLES

DUPLICATE - CONSULTANT

Rev 10/02/05