

Travis/Peterson **Environmental Consulting, Inc.**

August 10, 2006 1197-02

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329 2nd Street Fairbanks, Alaska 99701

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RECEIVED

AUG 1 4 2006

CONTAMINATED SITES **FAIRBANKS**

Seekins Ford-Lincoln-Mercury, Inc. 1625 Old Steese Highway Fairbanks, Alaska 99701

Attention:

Al Haynes

Re:

Groundwater Sampling, July 17th and July 18th, 2006

Dear Mr. Haynes:

Travis/Peterson Environmental Consulting, Inc. (TPECI) is pleased to present our letter report summarizing data obtained from the groundwater sampling event conducted on July 17 and July 18, 2006 at Seekins Ford-Lincoln-Mercury (Figures 1 and 2). The purpose of sampling is to develop sufficient information about the site to either initiate risk-based closure or continue active remediation, and to comply with Alaska Department of Environmental Conservation (ADEC) mandates.

On July 17, 2006 monitoring wells MW-1, MW-3, GWP-3, MW-6 were sampled. MW-4 was sampled on July 18, 2006. The groundwater samples were submitted to Test America Analytical Testing Corporation for laboratory analysis by the following methods:

- Gasoline range organics (GRO) by method AK101/8021B;
- Diesel range organic (DRO) by method AK102 DRO; and
- Volatile Organic Compounds by method AK 8260 B.

Groundwater Results

Standard sampling protocols were employed at all times during the groundwater sampling event. Groundwater elevations and well depths were measured from the top of each respective well casing. The analytical results from the groundwater sampling event appear in Table 1 (attached).

Besides MW-6 and MW-1; VOCs and DRO were below the ADEC MCLs in all of the monitoring wells. The only well that contained GRO contaminants above the ADEC MCL was MW-1 with a GRO value of 9.8 mg/L. MW-6 displayed Tetrachloroethene (TCE) at 0.006 mg/L and the duplicate, MW-16 taken from MW-6, displayed a concentration of 0.006 mg/L. No other monitoring wells contained analytes above the ADEC required cleanup levels.

Monitoring wells MW-2 and MW-7 were unable to be sampled during this monitoring event. MW-2 had an obstruction that may be from a collapse. MW-7 was frozen at 6.0 feet below the casing.

Conclusions

Routine maintenance of the monitoring wells is needed. Some of the wells are jacked and need to be trimmed down to allow proper protection from any potential contamination. TCE is present in monitoring well MW-6 and GRO is present in monitoring well MW-1. TPECI suggest that sampling commence in the Fall 2007 sampling event with sampling limited to MW-1 and MW-6 for GRO and VOCs.

If you have any questions regarding this report please contact me.

Sincerely,

Kindra R. Geis

Environmental Technician

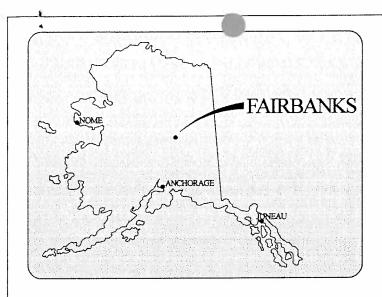
cc: Doug Bauer, Alaska Department of Environmental Conservation

Attachments: Figures

Table 1

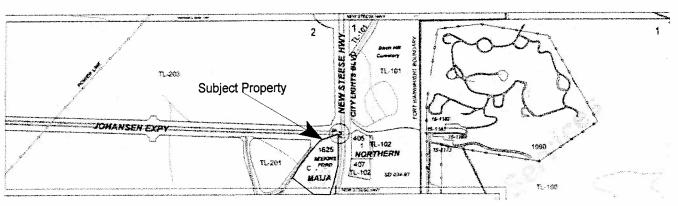
Test America Analytical Report

FIGURES



TRAVIS/PETERSON ENVIRONMENTAL CONSULTING, INC.

329 2ND STREET FAIRBANKS, ALASKA 99701



Subject Property Overview LEGE COLDING PARKS JOHANSEN EXPY GIEST RD CHENA RIDGE GAFFNEY PEGER RICHARDSON HWY ROBERT MITCHELL EXPY VAN HORN RD CITY OF FAIRBANKS UNIVERSITY WEST

PROJECT No: 1197-01 FILE: 1197/01/Figures/Figure 1-Location & Vicinity.SKF DATE: 11/07/05 SCALE: AS SHOWN

SEEKINS

FIGURE 1

LOCATION & VICINITY

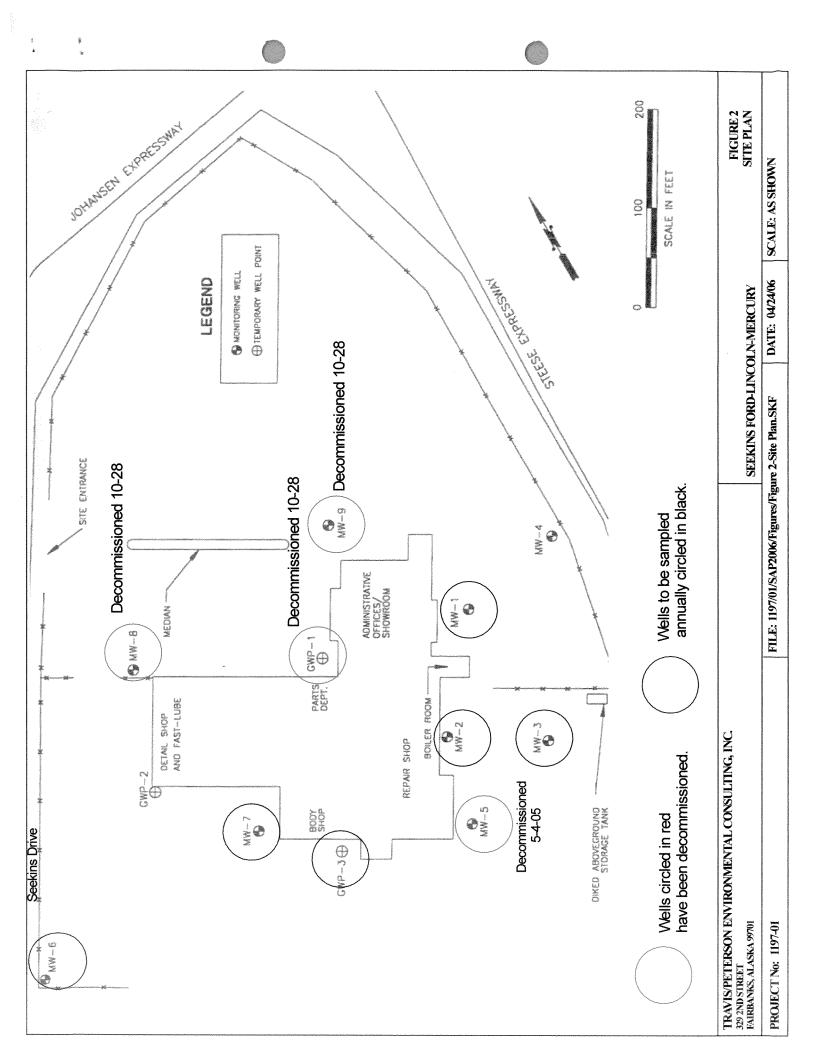


TABLE 1

TABLE 1

	ADEC MCL	MW-1	MW-3	GWP-3	9-MM	MW-16	MW-4
	mg/L					(DUPE)	
Date of Sampling	1	7/17/2006	7/17/2006	7/17/2006	7/17/2006	7/17/2006	7/18/2006
DRO	1.5	0.843	0.538	ΩN	QN	QN	g
GRO	1.3	8.6	QN	QN	QN	QN	S
Ethylbenzene	0.7	0.368	QN	Q	QN	QN	QN
Xylenes (total)	10.0	2.081	QN	ΩN	S	QN	Q.
sec-Butylbenzene	1.46	0.245	QN	QN	QN	QN	QN
Toluene	1.0	0.755	QN	QN	QN.	Q	QN
1,2,4-Trimethylbenzene	1.85	0.370	ND	QN	Q	QN	S
Carbon Disulfide	3.65	ND	0.00172	QN	QN	QN	0.00133
1,2-Dichlorobenzene	9.0	ND	0.0051	QN	N	QN	S
Tetrachloroethene	0.005	ND	0.00141	ON	0.00666	0.00649	Q
Trichlorofluoromethane	10.95	ND	16.8	QN	0.00445	0.00429	N N

ND indicates that an analyte was not detected.
Bold indicates the analyte is above the ADEC MCL
MW-16 is a duplicate of MW-6

TEST AMERICA ANALYTICAL REPORT



July 31, 2006

Melissa Shippey Travis/Peterson Environmental Consulting, Inc. FBK 329 2nd Street Fairbanks, ALASKA/USA 99701

RE: Seekins

Enclosed are the results of analyses for samples received by the laboratory on 07/19/06 13:26. The following list is a summary of the Work Orders contained in this report, generated on 07/31/06 20:03.

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

Work Order	Project	ProjectNumber
APG0074	Seekins	1197-02

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

Seekins

329 2nd Street

Fairbanks, ALASKA/USA 99701

1197-02 Project Number:

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	APG0074-01	Water	07/17/06 11:20	07/19/06 13:26
MW-3	APG0074-02	Water	07/17/06 12:05	07/19/06 13:26
GWP-3	APG0074-03	Water	07/17/06 12:50	07/19/06 13:26
MW-6	APG0074-04	Water	07/17/06 14:20	07/19/06 13:26
MW-16	APG0074-05	Water	07/17/06 14:40	07/19/06 13:26
Trip Blank	APG0074-06	Water	07/17/06 15:00	07/19/06 13:26
MW-4	APG0074-07	Water	07/18/06 14:30	07/19/06 13:26

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

329 2nd Street Fairbanks, ALASKA/USA 99701 Project Number:

1197-02

Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Gasoline Range Organics (C6-C10) per AK101

TestAmerica - Anchorage, AK

Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
	, de la Company	ater		Sam	pled: 07	7/17/06 11:	20		
AK101 GRO	9810		1000	ug/l	20x	6070073	07/23/06 11:0:	5 07/25/06 12:59	R-(
	**************************************	87.2%		50 -	- 150 %	lx		"	
	W	ater		Sam	pled: 07	7/17/06 12:	05		
AK101 GRO	ND	****	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 13:40	
		92.6%		50 -	- 150 %	f)		"	
	W	ater		Sam	pled: 07	7/17/06 12:	50		
AK101 GRO	ND		50.0	ug/l	lx	6070073	07/23/06 11:05	07/24/06 14:14	
		93.0%		50 -	- 150 %	**		"	
	W	ater		Sam	pled: 07	7/17/06 14:	20		
AK101 GRO	ND		50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 14:49	
		94.1%		50 -	- 150 %	"		"	
	W	ater		Sam	pled: 07	7/17/06 14:	40		
AK101 GRO	ND	****	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 15:23	
		87.7%		50 -	- 150 %	"		"	
	W	ater		Sam	pled: 07	7/18/06 14:	30		
AK101 GRO	ND		50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 15:57	
		93.0%	****	50 -	- 150 %	"		"	
	AK101 GRO AK101 GRO AK101 GRO AK101 GRO	Method Result W W AK101 GRO 9810 W AK101 GRO AK101 GRO ND W AK101 GRO AK101 GRO ND	Water	Water AK101 GRO 9810 1000 87.2% Water AK101 GRO ND 50.0 93.0% Water AK101 GRO ND 50.0 87.7% Water AK101 GRO ND 50.0 Water AK101 GRO ND 50.0	Method Result MDL* MRL Units Water Sam AK101 GRO 9810	Method Result MDL* MRL Units Dil Water Sampled: 0° AK101 GRO 9810 1000 ug/l 20x 87.2% 50 - 150 % Water Sampled: 0° AK101 GRO ND 50.0 ug/l 1x AK101 GRO ND 50.0 ug/l 1x	Water Sampled: 07/17/06 11: AK101 GRO 9810 1000 ug/l 20x 6070073 87.2% 50 - 150 % 1x Water Sampled: 07/17/06 12: AK101 GRO ND 50.0 ug/l 1x 6070073 Water Sampled: 07/17/06 12: AK101 GRO ND 50.0 ug/l 1x 6070073 AK101 GRO ND 50.0 ug/l 1x 6070073 AK101 GRO ND 50.0 ug/l 1x 6070073 Water Sampled: 07/17/06 14: AK101 GRO ND 50.0 ug/l 1x 6070073 AK101 GRO ND 50.0 ug/l 1x 6070073 87.7% 50 - 150 % " Water Sampled: 07/18/06 14: AK101 GRO ND 50.0 ug/l 1x 6070073	Method Result MDL* MRL Units Dil Batch Prepared Water Sampled: 07/17/06 11:20 AK101 GRO 9810	Method Result MDL* MRL Units Dil Batch Prepared Analyzed AK101 GRO 9810

TestAmerica - Anchorage, AK

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.







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

329 2nd Street

Fairbanks, ALASKA/USA 99701

Seekins

Project Number:

1197-02

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Diesel Range Organics (C10-C25) per AK102

TestAmerica - Anchorage, AK

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-01 (N	(W-1)		W	ater		Sam	pled: 07	7/17/06 11:	20		
Diesel Range Organic	es .	AK 102	0.843		0.407	mg/l	1x	6070066	07/20/06 10:4		
Surrogate(s): 1-C	Chlorooctadecane			88.5%		50 -	150 %	"		"	
APG0074-02 (N	4W-3)		W	ater		Sam	pled: 07	7/17/06 12:	05		
Diesel Range Organic	es	AK 102	0.538	****	0.500	mg/l	1x	6070066	07/20/06 10:4		
Surrogate(s): 1-C	Chlorooctadecane			92.2%		50 -	- 150 %	n .		"	
APG0074-03 (C	GWP-3)		W	ater		Sam	pled: 07	7/17/06 12:	50		
Diesel Range Organic	S	AK 102	ND	****	0.391	mg/l	1x	6070066	07/20/06 10:4	1 07/20/06 19:20	
Surrogate(s): 1-0	Chlorooctadecane			86.2%		50 -	- 150 %			"	
APG0074-04 (N	MW-6)		W	ater		Sam	pled: 0'	7/17/06 14:	20		
Diesel Range Organic	S	AK 102	ND	740	0.394	mg/l	1x	6070066	07/20/06 10:4		www.
Surrogate(s): 1-0	Chlorooctadecane			91.1%		50	- 150 %	"		и	
APG0074-05 (N	MW-16)		W	ater		San	pled: 0'	7/17/06 14:	40		
Diesel Range Organic	s	AK 102	ND	****	0.400	mg/l	1x	6070066	07/20/06 10:4	1 07/20/06 19:52	
Surrogate(s): 1-0	Chlorooctadecane			93.5%		50	- 150 %	"		n	
APG0074-07 (N	MW-4)		w	ater		San	ipled: 0'	7/18/06 14:	:30		
Diesel Range Organic	S	AK 102	ND	****	0.410	mg/l	lx	6070066	07/20/06 10:4		
Surrogate(s): 1-0	Chlorooctadecane			92.0%		50	- 150 %	"		"	
- '/											

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

329 2nd Street

Fairbanks, ALASKA/USA 99701

Seekins

Project Number: Project Manager: 1197-02 Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-01 (MW-1)		W	ater		Sam	pled: 07	/17/06 11:	20		
Acetone	EPA 8260B	ND	****	2500	ug/l	100x	6070277	07/25/06 13:37	07/26/06 12:44	
Benzene	**	ND		100	Ħ	"	**	#	н	
Bromobenzene	n	ND		100	33	n	#	16	"	
Bromochloromethane	*	ND		100	ө.	n	11	"	"	
Bromodichloromethane	n n	ND		100	**	"	19	H	11	
Bromoform	n	ND		100	**	"	**	19	Ħ	
Bromomethane	"	ND	****	500	"	н	**	**	**	
2-Butanone	8	ND	****	1000	*	11	н	0	**	
n-Butylbenzene	#	ND		100	11	**	"	**	n	
sec-Butylbenzene	. н	245		100	11	*	"	#	**	
tert-Butylbenzene	tt .	ND		100	"	**	**	H	#	
Carbon disulfide	и	ND	****	100	11	11	"	"	tt	
Carbon tetrachloride	n	ND		100	tt	"	**	*	"	
Chlorobenzene	n n	ND		100	11	"	n	н	"	
Chloroethane	n	ND	****	100	Ħ	**	"	н	11	
Chloroform	n	ND		100	**	н	11	**	**	
Chloromethane	H	ND	****	500	H	"	н	n	n	
2-Chlorotoluene	n	ND	****	100	66	**	**	**	**	
4-Chlorotoluene	н	ND		100	11	"	"	Ħ	**	
Dibromochloromethane	ŧ	ND	****	100	#1	**	"	15	**	
1,2-Dibromo-3-chloropropane	Ħ	ND	****	500	н	**	Ħ	"	**	
1,2-Dibromoethane	tt	ND		100	n	**	**	"	**	
Dibromomethane	п	ND		100	**	**	**	п	n	
1,2-Dichlorobenzene	Ħ	ND		100	n	**	н	n	и	
1,3-Dichlorobenzene	#	ND		100	н	**	"	**	n	
1,4-Dichlorobenzene	11	ND		100	**	Ħ	"	н	и	
Dichlorodifluoromethane	и	ND		100	#	н	**	Ħ	31	
1,1-Dichloroethane	н	ND	****	100	"	н	11	71	**	
1,2-Dichloroethane (EDC)	#	ND	~~~	100	**	"	**	29	H.	
1,1-Dichloroethene	tt	ND	-	100	**	**	**	**	**	
cis-1,2-Dichloroethene	"	ND	*****	100		**	**	ŧŧ	16	
trans-1,2-Dichloroethene	16	ND		100	**	**	47	ы	11	
1,2-Dichloropropane	11	ND		100	**	п	**	"	H .	
1,3-Dichloropropane	ч	ND	***	100	п	н	H	**	"	
2,2-Dichloropropane	11	ND	****	100	11	,	**	tt	н	
1,1-Dichloropropene	17	ND		100	#	"	**	Ħ	н	
cis-1,3-Dichloropropene	п	ND		100	**	n	**	18	n	
trans-1,3-Dichloropropene	R	ND		100	11	**	19	19	17	
ums 1,5-Diemoropropene										

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

329 2nd Street

1197-02 Project Number: Project Manager:

Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Note
APG0074-01 (MW-1)		w	ater		Sam	pled: 07	//17/06 11::	20	V	
Ethylbenzene	EPA 8260B	368	****	100	ug/l	100x	6070277	07/25/06 13:37	07/26/06 12:44	
Hexachlorobutadiene	Ħ	ND	****	100	**	**	**	11	**	
2-Hexanone		ND	****	1000	**	**	Ħ	н	*	
sopropylbenzene	89	ND	****	100	**	**	"	tt	ff .	
p-Isopropyltoluene	"	ND		100	**	**	**	**	11	
Methylene chloride	11	ND	*****	500	Ħ	**	P	**	н	
I-Methyl-2-pentanone	**	ND		1000	н	n	H	*	**	
Methyl tert-butyl ether	11	ND	****	100	4	"	n	n	n	
Naphthalene	Ħ	ND	****	200	11	ž9	**	n	tt	
-Propylbenzene	**	ND		100	"	11	**	#	13	
Styrene	er .	ND	****	100	н	"	#1	**	**	
,1,1,2-Tetrachloroethane	**	ND		100	"	**	**	n	**	
,1,2,2-Tetrachloroethane	н	ND	*****	100	**	Ħ	tr	**	н	
etrachloroethene	н	ND		100		н	*		**	
Oluene	н	755		100		**	**	п	n	
,2,3-Trichlorobenzene	H	ND	*****	100	**	н	"	**	"	
,2,4-Trichlorobenzene	н	ND	***	100	**	**	"	11	11	
,1,1-Trichloroethane	n	ND		100	н	н	**	Ħ	11	
,1,2-Trichloroethane	19	ND		100	**	Ħ	11	n	**	
richloroethene	"	ND		100	#	**	"	11	Ħ	
richlorofluoromethane	n	ND		100	"	**	**	n	**	
,2,3-Trichloropropane	n	ND	****	100	"	11	**	**	11	
,2,4-Trimethylbenzene	tr	370		100	**	"	**	"	и	
,3,5-Trimethylbenzene	n	ND		100	11	**	"	11	п	
'inyl chloride	**	ND		20.0	**	**	ir .	93	13	
-Xylene	11	661		100	tt	**	**	Ħ	**	
ı,p-Xylene	11	1420		200	**	. "	и	н	Ħ	
Surrogate(s): Dibromofluorometh	hane		88.1%				lx		#	
Toluene-d8			92.0%			133 %	tt .		#	
4-bromofluorobenz	ene		101%		60.8 -	140 %	"		"	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

329 2nd Street

Project Number: 1197-02 Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-02 (MW-3)		Wa	ater		Sam	pled: 07	//17/06 12:0	05		
Acetone	EPA 8260B	ND		25.0	ug/l	1x	6070277	07/25/06 13:37	07/26/06 13:15	
Benzene	n	ND		1.00	Ħ	11	**	19	н	
Bromobenzene	•	ND	a mire min	1.00	"	**	"	**	Ħ	
Bromochloromethane	и	ND		1.00	**	**		**	#	
Bromodichloromethane	н	ND	****	1.00	**	н	**	#	69	
Bromoform	**	ND	*****	1.00	**	11	н	п	ts	
Bromomethane	tt .	ND	*****	5.00	*	Ħ	"	n	B	
2-Butanone	1f	ND	a manus.	10.0	"	n	11	Ħ	Ħ	
n-Butylbenzene	н	ND	***	1.00	"	11	н	Ħ	Ħ	
sec-Butylbenzene	n	ND		1.00	11	"	Ħ	Ħ	8	
tert-Butylbenzene	u	ND		1.00	#	n	**	11	**	
Carbon disulfide	**	1.72		1.00	"	**	19	Ħ	n	
Carbon tetrachloride	Ħ	ND		1.00	Ħ	"	ŧ	#	31	
Chlorobenzene	11	ND		1.00	H	"	n	er .	n	
Chloroethane	11	ND		1.00	н	"	*	15	н	
Chloroform	"	ND	****	1.00	11	"	15	н	n	
Chloromethane		ND		5.00	п	rt	n	11	17	
2-Chlorotoluene	n	ND	****	1.00	"	**	н	"	H	
4-Chlorotoluene	11	ND		1.00	#	**	н	н	n	
Dibromochloromethane	tt	ND		1.00	Ħ	**	н	"	**	
1,2-Dibromo-3-chloropropane	ff	ND	****	5.00	Ħ	11	Ħ	"	н	
1,2-Dibromoethane	н	ND		1.00	Ħ	11	19	н	15	
Dibromomethane	и	ND	20° 100° 100° 400° 400°	1.00	п	*	"	**	Ħ	
1,2-Dichlorobenzene	**	5.10		1.00	"	Ħ	н	**	n	
1,3-Dichlorobenzene	11	ND	****	1.00	#	**	Ħ	Ħ	ŧŧ	
1,4-Dichlorobenzene	H	ND		1.00	n	n	Ħ	**	n	
Dichlorodifluoromethane	11	ND		1.00	**	н	н	n	n	
1,1-Dichloroethane	**	ND	~~~~	1.00	n	**	"	"	n	
1,2-Dichloroethane (EDC)	ŧŧ	ND	AT 10 AT 45 Up	1.00	н	**	n	**	H	
1,1-Dichloroethene	H	ND		1.00	"	n	н	89	н	
cis-1,2-Dichloroethene	n	ND		1.00	"	18	#	29	Ħ	
trans-1,2-Dichloroethene	н	ND		1.00	**	**	Ħ	n	**	
1,2-Dichloropropane	Ħ	ND	*****	1.00	Ħ	н	н	н	rr	
1,3-Dichloropropane	п	ND	****	1.00	11	и	**	"	H	
2,2-Dichloropropane	11	ND	7400	1.00	"	"	**	н	н	
1,1-Dichloropropene	51	ND	***	1.00	19	**	#	*	ff.	
cis-1,3-Dichloropropene	15	ND		1.00	11	tt	11	**	ŧŧ	
trans-1,3-Dichloropropene	11	ND		1.00		"				

TestAmerica - Anchorage, AK

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.







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

329 2nd Street

Fairbanks, ALASKA/USA 99701

Seekins

1197-02 Project Number:

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-02 (MW-3	3)	W	ater		Samp	oled: 07	//17/06 12:	05		
Ethylbenzene	EPA 8260B	ND	~~~	1.00	ug/l	1x	6070277	07/25/06 13:37	07/26/06 13:15	
Hexachlorobutadiene	**	ND		1.00	**	11	15	17	16	
2-Hexanone	rt .	ND		10.0	Ħ	н	**	17	#	
Isopropylbenzene	11	ND		1.00	13	**	Ħ	11	**	
p-Isopropyltoluene	"	ND		1.00	Ħ	n	**	17	11	
Methylene chloride	n	ND		5.00	**	#	"	Ħ	Ħ	
4-Methyl-2-pentanone	н	ND	*****	10.0	**	**	н	**	19	
Methyl tert-butyl ether	Ħ	ND	40 M 40 M M	1.00	Ħ	**	**	**	п	
Naphthalene	н	ND		2.00	**	**	n	**	**	
n-Propylbenzene	н	ND	***	1.00	n	п	"	*	"	
Styrene	n	ND		1.00	"	#	"	**	"	
1,1,1,2-Tetrachloroethane	н	ND		1.00	н	"	**	п	*	
1,1,2,2-Tetrachloroethane	н	ND		1.00	"	н	n	**	**	
Tetrachloroethene	Ħ	1.41		1.00	11	n	**	"	**	
Toluene	н	ND		1.00	**	#	**	п	#	
1,2,3-Trichlorobenzene	n	ND		1,00	Ħ	**	11	"	н	
1,2,4-Trichlorobenzene	tt	ND		1.00	Ħ	**	**	n	11	
1,1,1-Trichloroethane	Ħ	ND	****	1.00	Ħ	,,	**	19	"	
1,1,2-Trichloroethane	Ħ	ND	*****	1.00	i i	н	**	n	н	
Trichloroethene	Ħ	ND	****	1.00	**	н	"	Ħ	Ħ	
Trichlorofluoromethane	**	ND		1.00	11	**	н		н	
1,2,3-Trichloropropane	**	ND		1.00	"	n	11	**	n	
1,2,4-Trimethylbenzene	n	ND		1.00	н	11	Ħ	B	u	
1,3,5-Trimethylbenzene	н	ND		1.00	. и	"	**	"	н	
Vinyl chloride	n	ND		0.200	**	#	н	11	**	
o-Xylene	"	ND		1.00	н	ay .	Ħ	"	н	
m,p-Xylene	H	ND		2.00	**	**	н	u	11	
Surrogate(s): Dibromo	fluoromethane		100%		62.9 - 1	131%	н		"	
Toluene-			92.4%		58.7 - 1		"		n	
4-bromoj	Iuorobenzene		101%		60.8 - 1	140 %	Ħ		"	

TestAmerica - Anchorage, AK

94-24

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

329 2nd Street

Project Number: 1197-02 Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-03 (GWP-3)		W	ater		Sam	pled: 07	//17/06 12::	50		
Acetone	EPA 8260B	ND	and the second	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 20:37	
Benzene	#	ND	*****	1.00	11	**	"	**	**	
Bromobenzene	H.	ND	*****	1.00	**	**	n	tr	*	
Bromochloromethane	н	ND		1.00	#	**	н	91	w	
Bromodichloromethane	Ħ	ND		1.00	**	**	"	н	"	
Bromoform	#	ND		1.00	H	**	Ħ	**	"	
Bromomethane	H	ND		5.00	"	"	**	н	**	
2-Butanone	11	ND		10.0	"	н	н	**	"	
n-Butylbenzene	Ħ	ND	*****	1.00	**	11	**	**	н	
sec-Butylbenzene	н	ND		1.00	**	"	**	19	**	
tert-Butylbenzene	н	ND	*****	1.00	**	**	11	"	n	
Carbon disulfide	Ħ	ND	*****	1.00	**	**	"	71	**	
Carbon tetrachloride	11	ND		1.00	**	**	"	**	Ħ	
Chlorobenzene	Ħ	ND	***	1.00	11	n	**	n	Ħ	
Chloroethane	н	ND	*****	1.00	**	17	11	**	н	
Chloroform	н	ND		1.00	98	**	"	**	и	
Chloromethane	Ħ	ND	*****	5.00	**	**	91	**	Ħ	
2-Chlorotoluene	11	ND	*****	1.00	*	**	"	**	#	
4-Chlorotoluene	11	ND		1.00	**	"	**	19	,,	
Dibromochloromethane	Ħ	ND		1.00	**	*	**	11	н	
1,2-Dibromo-3-chloropropane	п	ND	****	5.00	Ħ	n	**	**	н	
1,2-Dibromoethane	н	ND		1.00	**	#	11	н	"	
Dibromomethane	н	ND		1.00	'n	*	"	. п	n	
1,2-Dichlorobenzene	Ħ	ND		1.00	11	#	"	**	"	
1,3-Dichlorobenzene	и	ND	****	1.00	**	Ħ	**	19	**	
1,4-Dichlorobenzene	tř	ND	*****	1.00	Ħ	"	**	**	n	
Dichlorodifluoromethane	#	ND	*****	1.00	**	**	"	99	и	
1,1-Dichloroethane	47	ND		1.00	"	15	11	#	††	
1,2-Dichloroethane (EDC)	**	ND		1.00	**	**	11	n	14	
1,1-Dichloroethene	19	ND	***	1.00	н	#	17	98	n	
cis-1,2-Dichloroethene	#	ND		1.00	**	**	**	н	н	
trans-1,2-Dichloroethene	"	ND		1.00	н	ti	"	21	н	
1,2-Dichloropropane	98	ND		1.00	1+	0	**	11	n	
1,3-Dichloropropane	6	ND	****	1.00	н	**	**	n	**	
2,2-Dichloropropane	in .	ND		1.00	n	**	**	и	ia .	
1,1-Dichloropropene	"	ND		1.00	n	**	29	n	*	
cis-1,3-Dichloropropene	**	ND		1.00	"	**	#	11	*	
trans-1,3-Dichloropropene	#	ND	in the state of	1.00	**	"	11	**	п	
,										

TestAmerica - Anchorage, AK

94-04

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.







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

Seekins

329 2nd Street Fairbanks, ALASKA/USA 99701

1197-02 Project Number: Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

	······································			. open	uno, 1171	-				
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-03 (GWP-3)		Wa	iter		Sam	pled: 07	//17/06 12:	50		
Ethylbenzene	EPA 8260B	ND	****	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 20:37	
Hexachlorobutadiene	¥9	ND	****	1.00		**	#	**	n	
2-Hexanone	**	ND		10.0	**	19	91	16	**	
Isopropylbenzene	17	ND		1.00	**	**		H	19	
p-Isopropyltoluene	н	ND		1.00	**	*		\$F	**	
Methylene chloride	n	ND		5.00	**	11	**	"	m .	
4-Methyl-2-pentanone	n	ND		10.0	**	**	"	19	**	
Methyl tert-butyl ether	H	ND		1.00	**	21	**	**	**	
Naphthalene	"	ND		2.00	**	Ħ	"	**	**	
n-Propylbenzene	п	ND		1.00	"	n	#	**	80	
Styrene	*	ND	****	1.00	n	**	"	"	н	
1,1,1,2-Tetrachloroethane	**	ND		1.00	"	**	"	**	#	
1,1,2,2-Tetrachloroethane	n	ND		1.00	"	#	**	H	#	
Tetrachloroethene	"	ND		1.00	tr	**	**	н	"	
Toluene	99	ND		1.00	11	"	"	81	**	
1,2,3-Trichlorobenzene	e e	ND		1.00	**	**	"	н	**	
1,2,4-Trichlorobenzene	11	ND		1.00	11	**	"	"	**	
1,1,1-Trichloroethane	**	ND		1.00	**	**	**	"	n	
1,1,2-Trichloroethane	n	ND		1.00	"	•	**	19	н	
Trichloroethene	"	ND		1.00	**	н	11	**	н	
Trichlorofluoromethane	н	ND		1.00	#	**	16	**	11	
1,2,3-Trichloropropane	15	ND		1.00	n	ŧı	9	Ħ	11	
1,2,4-Trimethylbenzene	R	ND		1.00	**	**	**	n		
1,3,5-Trimethylbenzene	**	ND		1.00	"	17	п	**	13	
Vinyl chloride	H	ND	*****	0.200	"	#	н	Ħ	н	
o-Xylene	**	ND		1.00	**	#	"	rt.	н	
m,p-Xylene	**	ND	****	2.00	"	п	н	. 11	**	
Surrogate(s): Dibromofluoromet	hane		80.2%		62.9 -	131 %	n	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	H	
Toluene-d8			92.6%			133 %	"		"	
4-bromofluoroben:	zene		103%		60.8 -	140 %	n		n	

TestAmerica - Anchorage, AK

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.







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

329 2nd Street

1197-02 Project Number: Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-04 (MW-6)		w	ater			pled: 07	//17/06 14:	20		
Acetone	EPA 8260B	ND	****	25.0	ug/l	lx	6070277	07/25/06 13:37	07/25/06 21:09	
Benzene	15	ND	****	1.00		**	**	H-	n	
Bromobenzene	b)	ND	****	1.00	**	11	11	**	н	
Bromochloromethane	n	ND		1.00	17	н	**	#*	**	
Bromodichloromethane	†f	ND		1.00	**	19	15	**	11	
Bromoform	16	ND		1.00	**	н	31	11	и	
Bromomethane	n	ND	***	5.00	**	"	tt	11	Ħ	
2-Butanone	Ħ	ND	er er er er	10.0	11	"	n	**	#	
n-Butylbenzene	n	ND	****	1.00	n	**		n	**	
sec-Butylbenzene	н	ND		1.00	H	**	#	н	ii .	
tert-Butylbenzene	#	ND	*****	1.00	Ħ	**	**	н	н	
Carbon disulfide	#	ND		1.00	Ħ	"	11	**	н	
Carbon tetrachloride	**	ND		1.00	"	"	11	**	#	
Chlorobenzene	74	ND	and the same	1.00	11	**	**	"	tt.	
Chloroethane	11	ND	****	1.00	**	"	H	#	#	
Chloroform	11	ND		1.00	**	н	**	#	n	
Chloromethane	ŧŧ	ND	All the spirits and	5.00	Ħ	**	, u	н	11	
2-Chlorotoluene	н	ND	*****	1.00	**	n	"	н	. "	
4-Chlorotoluene	11	ND		1.00	**	"	π	"	Ħ	
Dibromochloromethane	ti	ND	****	1.00	#	**	n	"	"	
1,2-Dibromo-3-chloropropane	Ħ	ND	****	5.00	11	#	Ħ	n	н	
1,2-Dibromoethane	11	ND		1.00	"	**	it	**	**	
Dibromomethane	Ħ	ND		1.00	**	#	**	**	#	
1,2-Dichlorobenzene	ij	ND		1.00	н	#	п	**	6	
1,3-Dichlorobenzene	H	ND		1.00	#	н	n	**	H .	
1,4-Dichlorobenzene	"	ND		1.00	н	**	**	"	н	
Dichlorodifluoromethane	"	ND	*****	1.00	11	н	15	н	35	
1,1-Dichloroethane	11	ND	68 NO AM SO NA.	1.00	**	н	**	**	Ħ	
1,2-Dichloroethane (EDC)	"	ND	****	1.00	69	15	**	11	**	
1,1-Dichloroethene	**	ND	****	1.00	**	**	**	**	Ħ	
cis-1,2-Dichloroethene	11	ND		1.00	11	"	**	H	14	
trans-1,2-Dichloroethene	ŧŧ	ND		1.00	*	"	**	**	*	
1,2-Dichloropropane	**	ND	*****	1.00	**	11	**	**	"	
1,3-Dichloropropane	+5	ND		1.00	"	**	н	**	44	
2,2-Dichloropropane	++	ND	erm en en e	1.00	11	**	н	17	n	
1,1-Dichloropropene	Ħ	ND		1.00	n	ŧs.	9 6	Ħ	**	
cis-1,3-Dichloropropene	11	ND		1.00	**	**	#	n	11	
trans-1,3-Dichloropropene	14	ND	****	1.00	11	11	**	11	H	
= =										

TestAmerica - Anchorage, AK

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.







Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

1197-02 Project Number: Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-04 (MW-6)		W	ater		Samp	led: 0'	7/17/06 14:	20		***************************************
Ethylbenzene	EPA 8260B	ND		1.00	ug/l	lx	6070277	07/25/06 13:37	07/25/06 21:09	
Hexachlorobutadiene	Ħ	ND	nor also and also com	1.00	**	**	н	n	**	
2-Hexanone	H	ND	*****	10.0	"	**	**	17	**	
Isopropylbenzene	11	ND		1.00	н	"	**	n	**	
p-Isopropyltoluene	*	ND	*****	1.00	"	**	н	11	11	
Methylene chloride	61	ND	*****	5.00	"	tt	11	19	11	
4-Methyl-2-pentanone	11	ND		10.0	"	"	"	**	п	
Methyl tert-butyl ether	н	ND	*****	1.00	#	**	# .	ŧŧ	**	
Naphthalene	п	ND	****	2.00	n	н	**	tt	**	
n-Propylbenzene	#	ND	*****	1.00	"	n	11	11	**	
Styrene	n	ND		1.00	п	11	н	n	н	
1,1,1,2-Tetrachloroethane	n	ND	****	1.00	**	H	11		**	
1,1,2,2-Tetrachloroethane	11	ND	****	1.00	**	11	19	н	н	
Tetrachloroethene	11	6.66	***	1.00	11	"	**	**	и	
Toluene	**	ND		1.00	Ħ	**	**	н	н	
1,2,3-Trichlorobenzene	п	ND		1.00	Ħ	**	H	**	et	
1,2,4-Trichlorobenzene	н	ND		1.00	н	**	н		#	
1,1,1-Trichloroethane	**	ND	*****	1.00	n	**	"	**	**	
1,1,2-Trichloroethane	n .	ND		1.00	n	11	"	Ħ	"	
Trichloroethene	**	ND	*****	1.00	**	**	11	**	Ħ	
Trichlorofluoromethane	н	4.45	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	1.00	11	**	n	11	**	
1,2,3-Trichloropropane	**	ND		1.00	"	17	4	n	**	
1,2,4-Trimethylbenzene	"	ND	***	1.00	**	**	н	**	Ħ	
1,3,5-Trimethylbenzene	11	ND	****	1.00	Ħ	n	н	17	**	
Vinyl chloride	19	ND	MATERIAL IN	0.200	"	71	**	н	**	
o-Xylene	11	ND		1.00	n	"	н	н	н	
m,p-Xylene	п	ND	****	2.00	n	**	**	11	н	
Surrogate(s): Dibromofluorometha	ne		78.2%		62.9 - 1.		n		"	
Toluene-d8			88.9%		58.7 - 13		"		"	
4-bromofluorobenzen	e		105%		60.8 - 14	40 %	"		"	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Fairbanks, ALASKA/USA 99701

Project Name: Seekins

Project Number: 1197-02

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-05 (MW-16)		W	ater		Sam	pled: 07	/17/06 14:	40		
Acetone	EPA 8260B	ND		25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:41	
Benzene	*	ND		1.00	н	17	#	Ħ	н	
Bromobenzene	н	ND		1.00	n	**	"	Ħ	я	
Bromochloromethane	25	ND	****	1.00	87	н	н	н	н	
Bromodichloromethane	**	ND		1.00	17	н	n	"	11	
Bromoform	11	ND		1.00	н	16	**	**	-10	
Bromomethane	Ħ	ND	and the sale are the	5.00	**	11	**	**	11	
2-Butanone	**	ND		10.0	Ħ	"	Ħ	**	8	
n-Butylbenzene	в	ND	~~	1.00	#	**	31	#	*	
sec-Butylbenzene	u	ND		1.00	#	"	п	#	#	
tert-Butylbenzene	н	ND		1.00	Ħ	19	н	11	#	
Carbon disulfide	n	ND		1.00	н	"	n	Ħ	n	
Carbon tetrachloride	н	ND		1.00	11	Ħ	н	Ħ	*	
Chlorobenzene	n	ND	****	1.00	**	п	н	21	н	
Chloroethane	"	ND	****	1.00	**	,,	H	tt	"	
Chloroform	11	ND		1.00	*	**	н	"	**	
Chloromethane	11	ND		5.00	"	п	11	"	u	
2-Chlorotoluene	*	ND	*****	1.00	**	n	11	Ħ	n	
4-Chlorotoluene	n	ND		1.00	11	#	Ħ	н	Ħ	
Dibromochloromethane	"	ND		1.00	"	**	10	н	Ħ	
1,2-Dibromo-3-chloropropane	W	ND		5.00	**	#	19	15	"	
1,2-Dibromoethane	u	ND		1.00	**	**	н	n	**	
Dibromomethane	žī.	ND		1.00	n	**	"	Ħ	ŧŧ	
1,2-Dichlorobenzene	11	ND		1.00	"	**	н	**	n	
1,3-Dichlorobenzene	н	ND		1.00	н	"	Ħ	**	н	
1,4-Dichlorobenzene	ŧı	ND	****	1.00	"	"	34	**	H	
Dichlorodifluoromethane	#	ND	*****	1.00	n	**	н	¥	n	
1,1-Dichloroethane	н	ND		1.00	n	**	n	**	**	
1,2-Dichloroethane (EDC)	Ħ	ND		1,00	"	н	is	**	н	
1,1-Dichloroethene	н	ND		1.00	rt.	re	**	**	ŧ	
cis-1,2-Dichloroethene	55	ND		1.00	73	"	"	**	**	
trans-1,2-Dichloroethene	#6	ND	*****	1.00	**	**	Ħ	n	n	
1,2-Dichloropropane	н	ND		1.00	#	H	**	"	er	
1,3-Dichloropropane	н	ND	****	1.00	**	44	Ħ	п	и	
2,2-Dichloropropane	**	ND	****	1.00	11	41	**	11	51	
1,1-Dichloropropene	11	ND	****	1.00	77	**	**	26	n	
cis-1,3-Dichloropropene	† \$	ND	****	1.00	**	11	**	"	11	
trans-1,3-Dichloropropene	н	ND		1.00	**	**	11	**	Ð	

TestAmerica - Anchorage, AK

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Travis/Peterson Environmental Consulting, Inc. FBK 329 2nd Street

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

Project Number: 1197-02 Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

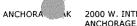
TestAmerica - Spokane, WA

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-05	(MW-16)		W	ater		Samı	oled: 07	7/17/06 14:	40		
Ethylbenzene		EPA 8260B	ND		1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:41	
Hexachlorobutad	iene	0	ND	at distance	1.00	**	н	н	11	11	
2-Hexanone		*	ND	****	10.0	17	"	н	**	и	
Isopropylbenzene	;	19	ND	****	1.00	11	н	H	п	n	
p-Isopropyltoluer	ne	*	ND		1.00	н	"	н	tt	#	
Methylene chlorie	de	19	ND		5.00	"	11	**	n	н	
4-Methyl-2-penta	none	#	ND		10.0	n	"	Ħ	11	16	
Methyl tert-butyl	ether	TF.	ND	***	1.00	15	**	**	14	If	
Naphthalene		#1	ND	****	2.00	**	**	17	"	H	
n-Propylbenzene		н	ND		1.00	15	**	11	11	н	
Styrene		н	ND		1.00	11	tr	Ħ	**	n	
1,1,1,2-Tetrachlo	roethane	n .	ND		1.00	**	**	Ħ	н	H	
1,1,2,2-Tetrachlo	roethane	н	ND	****	1.00	Ħ	и	11	**	#	
Tetrachloroether	ne	н	6.49		1.00	n	н		**	44	
Toluene		n	ND	***	1.00	"	H	и	**	н	
1,2,3-Trichlorobe	nzene	11	ND		1.00	Ħ	Ħ	n	**	11	
1,2,4-Trichlorobe	nzene	11	ND		1.00	19	**	**	"	tf	
1,1,1-Trichloroeth	hane	U	ND		1.00	**	**	"	Ħ	t t	
1,1,2-Trichloroeth	hane	11	ND		1.00	**	**	"	11	n	
Trichloroethene		n	ND	*****	1.00	н	11	"	n ·	н	
Trichlorofluoron	nethane	tt	4.29	~~~~	1.00	"	**	**	Ħ	**	
1,2,3-Trichloropro	opane	н	ND		1.00	99	11	11	11	**	
1,2,4-Trimethylbe	enzene	11	ND		1.00	н		n	57	39	
1,3,5-Trimethylbe	enzene	n	ND	****	1.00	ıı	н	**	**	11	
Vinyl chloride		в	ND	****	0.200	"	**	**	**	**	
o-Xylene		N	ND		1.00	**	TI	15	"	**	
m,p-Xylene		11	ND	***	2.00	**	v	**	н	**	
Surrogate(s):	Dibromofluoromethe	ane		79.7%		62.9 - 1		"		"	
	Toluene-d8			102%		58.7 - 1		"		"	
	4-bromofluorobenze	ne		104%		60.8 - 1	40 %	"		71	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name: 329 2nd Street Project Number:

Melissa Shippey Fairbanks, ALASKA/USA 99701 Project Manager:

Seekins 1197-02

Report Created: 07/31/06 20:03

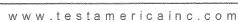
Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-06 (Trip Blank)		W	ater		Sam	pled: 07	//17/06 15:0	00		
Acetone	EPA 8260B	ND	da de Monte de	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:12	
Benzene	Ħ	ND		1.00	**	"	"	n	99	
Bromobenzene	**	ND	*****	1.00	**	Ħ	17	и	*	
Bromochloromethane	n	ND	****	1.00	11		#	н	*	
Bromodichloromethane	Ħ	ND		1.00	17	Ħ	**	14	**	
Bromoform	Ħ	ND		1.00	13	n	u	**	**	
Bromomethane	н	ND	****	5.00	er	**	n	89	11	
2-Butanone	n	ND		10.0	**	**	n	59	11	
n-Butylbenzene	Ħ	ND	*****	1.00	н .	"	**	и	"	
sec-Butylbenzene	**	ND	****	1.00	19	**	**	n	tt	
tert-Butylbenzene	#	ND		1.00	**	"	**	•	н	
Carbon disulfide	Ħ	ND		1.00	ty	"	"	u	n	
Carbon tetrachloride	Ħ	ND		1.00	n	н	11	a	н	
Chlorobenzene	Ħ	ND	****	1.00	**	. "	11	п	Ħ	
Chloroethane	Ħ	ND	*****	1.00	11	н	"	19	19	
Chloroform	Ħ	ND		1.00	**	#	н	n	Ħ	
Chloromethane	н	ND	****	5.00	**	#	**	"	Ħ	
2-Chlorotoluene	н	ND		1.00	**	**	**	**	11	
4-Chlorotoluene	н	ND	****	1.00	"	"	#	**	n	
Dibromochloromethane	**	ND		1.00	**	"	"	"	"	
1,2-Dibromo-3-chloropropane	11	ND		5.00	**	**	*	"	**	
1,2-Dibromoethane	n	ND		1.00	**	H	R	tt	tt	
Dibromomethane	н	ND		1.00	"	**	"	**	n	
1,2-Dichlorobenzene	н	ND		1.00	"	n	н	**	н	
1,3-Dichlorobenzene	н	ND		1.00	11	11	n	**	#	
1,4-Dichlorobenzene	11	ND		1.00	**	**	n	91	"	
Dichlorodifluoromethane	11	ND		1.00	**	"	н	**	н	
1,1-Dichloroethane	44	ND	****	1.00	Ħ	*	н	11	и	
1,2-Dichloroethane (EDC)	и	ND		1.00	H	*	n	н	н	
1,1-Dichloroethene	69	ND		1.00	**	Ħ	**	**	**	
cis-1,2-Dichloroethene	H	ND	*****	1.00	**	ft.	Ħ	**	11	
trans-1,2-Dichloroethene	15	ND		1.00	15	Ħ	8F	n	16	
1,2-Dichloropropane	Ħ	ND	*****	1.00	9¥	**	n	n	н	
1,3-Dichloropropane	34	ND	***	1.00	**	**	н	**	п	
2,2-Dichloropropane	н	ND	*****	1.00	n	н	н	**	**	
1,1-Dichloropropene	91	ND	***	1.00	**	"	н	Ħ	Ħ	
cis-1,3-Dichloropropene	н	ND	*****	1.00	**	11	"	н	. ***	
trans-1,3-Dichloropropene	п	ND	desire	1.00	**	11	"	"	19	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I









Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Fairbanks, ALASKA/USA 99701

Project Name: Seekins

Project Number: 1197-02

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-06 (Trip Blank)		W	ater		Sam	pled: 07	//17/06 15:	00		
Ethylbenzene	EPA 8260B	ND	40 Jan 200 Jan 200	1.00	ug/l	lx	6070277	07/25/06 13:37	07/25/06 22:12	
Hexachlorobutadiene	19	ND		1.00	**	71	**	н	**	
2-Hexanone	н	ND		10.0	**	**	**	н	P.	
Isopropylbenzene	и	ND		1.00	**	н	п	**	RF .	
p-Isopropyltoluene	и	ND		1.00	**	**	**	н	11	
Methylene chloride	**	ND		5.00	tt	11	"	**	99	
4-Methyl-2-pentanone	er	ND		10.0	**	n	*	Ħ	17	
Methyl tert-butyl ether	44	ND		1.00	н	16	#	**	47	
Naphthalene	n	ND		2.00	н	**	**	**	"	
n-Propylbenzene	**	ND		1.00	#	**	n	**	u u	
Styrene	#	ND		1.00	Ħ	**	IF	**	н	
1,1,1,2-Tetrachloroethane	**	ND	****	1.00	11	19	11	tt	н	
1,1,2,2-Tetrachloroethane	*	ND	****	1.00	н	**	11	**	u	
Tetrachloroethene	9	ND	****	1.00	н	**	11	P	n	
Toluene	**	ND		1.00	17	"	n	**	n	
1,2,3-Trichlorobenzene	**	ND	****	1.00	"	*	"	**	"	
1,2,4-Trichlorobenzene	п	ND	****	1.00	11	11	tt	н	n	
1,1,1-Trichloroethane	n	ND	*****	1.00	31	**	n	н	u	
1,1,2-Trichloroethane	"	ND		1.00	"	**	Ħ	**	11	
Trichloroethene	"	ND	*****	1.00	**	я	**	n	11	
Trichlorofluoromethane	Ħ	ND		1.00	**	**	n	и	**	
1,2,3-Trichloropropane	Ħ	ND		1,00	**	"	11	n	***	
1,2,4-Trimethylbenzene	н	ND		1.00	н	н	łt	**	u	
1,3,5-Trimethylbenzene	н	ND	****	1.00	99	**	"	**	n	
Vinyl chloride	п	ND		0.200	н	n		#f	**	
o-Xylene	Ħ	ND	*****	1.00	11	11	#	**	н	
m,p-Xylene	11	ND	****	2.00	n	**	**	11	11	
Surrogate(s): Dibromofluoromet	hane		82.3%			131 %	"		11	
Toluene-d8			90.6%			133 %	"		"	
4-bromofluorobenz	tene		104%		60.8 -	140 %	"		"	

TestAmerica - Anchorage, AK

47-04

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.









Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Fairbanks, ALASKA/USA 99701

Project Name: Project Number: **Seekins** 1197-02

Project Manager: N

Melissa Shippey

Report Created: 07/31/06 20:03

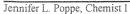
Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

			Strainer ica	_ open		-				
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-07 (MW-4)		W	ater		San	pled: 07	/18/06 14:	30		
Acetone	EPA 8260B	ND	*****	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:44	
Benzene	н	ND		1.00	Ħ	"	17	#	16	
Bromobenzene	11	ND	*****	1.00	**	Ħ	11	**	**	
Bromochloromethane	n	ND		1.00	n	. "	37	н	it	
Bromodichloromethane	69	ND	****	1.00	н	17	"	**	ч	
Bromoform	8	ND	*****	1.00	**	**	**	**	n	
Bromomethane	is	ND	de tê en in in	5.00	41	Ħ.	**	"	Ħ	
2-Butanone	14	ND		10.0	**	ŧŧ	n	11	Ħ	
n-Butylbenzene	Ħ	ND	****	1.00	**	**	**	17	Ħ	
sec-Butylbenzene	#	ND		1.00	11	"	*	**	11	
tert-Butylbenzene	e .	ND		1.00	Ħ	n	H	Ħ	н	
Carbon disulfide	u	1.33		1.00	n	"	"	π	'n	
Carbon tetrachloride	R	ND	*****	1.00	Ħ	"	u	56	н	
Chlorobenzene	**	ND	*****	1.00	"	н	и	**	11	
Chloroethane	н	ND	****	1.00	н	n	н	Ħ	#	
Chloroform	**	ND		1.00	"	н	**	#1	н	
Chloromethane	n	ND		5.00	17	н	11	Ħ	Ħ	
2-Chlorotoluene	H	ND	*****	1.00	11	н	**	п	н	
4-Chlorotoluene	n	ND		1,00	"	"	*	n	n	
Dibromochloromethane	Ħ	ND		1.00	п	"	#	н	н	
1,2-Dibromo-3-chloropropane	17	ND	****	5.00	н	**	**	U	н	
1,2-Dibromoethane	H	ND		1.00	**	**	"	tt	n	
Dibromomethane	"	ND	*****	1.00	n	**	н	n	н	
1,2-Dichlorobenzene	"	ND		1.00	#	11	я	"		
1,3-Dichlorobenzene	n	ND	***	1.00	**	11	н	**	tt	
1,4-Dichlorobenzene	19	ND	*****	1.00	**	55	11	н	**	
Dichlorodifluoromethane	25	ND	*****	1.00	**	**	#	**	**	
1,1-Dichloroethane	n	ND	***	1.00	н	**	81	н	e	
1,2-Dichloroethane (EDC)	Ħ	ND	****	1.00	"	ti	"	н	н	
1,1-Dichloroethene	n	ND		1.00	**	**	#	**	н	
cis-1,2-Dichloroethene	Ħ	ND		1.00	н	**	**	"	н	
trans-1,2-Dichloroethene	Ħ	ND		1.00	"	11	78	H	ff	
1,2-Dichloropropane	11	ND	**************************************	1.00	Ħ	**	11	11	#	
1,3-Dichloropropane	н	ND	******	1.00	11	11	41	59	R	
2,2-Dichloropropane	13	ND	****	1.00	н	11	н	24	H	
1,1-Dichloropropene	н	ND	****	1.00	et.	"	н	14	21	
cis-1,3-Dichloropropene	18	ND	*****	1.00	17	11	"		н	
	0	ND	****	1.00	**	"	"	11	R	
trans-1,3-Dichloropropene		141		1.00						

TestAmerica - Anchorage, AK

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Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Fairbanks, ALASKA/USA 99701

Seekins Project Name:

Project Number: 1197-02

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
APG0074-07	(MW-4)		W	ater		Sam	pled: 0	7/18/06 14:	30		
Ethylbenzene		EPA 8260B	ND		1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:44	
Hexachlorobutac	liene	#	ND		1.00	**	19	н	н	**	
2-Hexanone		e	ND		10.0	**	11	#	**	44	
Isopropylbenzene	e	**	ND		1.00	**	n	89	**	19	
p-Isopropyltolue	ne	n	ND	****	1.00	**	***	**	11	H	
Methylene chlori	ide	tŧ.	ND	~~~	5.00	н	11	n	н	**	
4-Methyl-2-penta	anone	n	ND	****	10.0	**	19	**	**	n	
Methyl tert-butyl	ether	н	ND	*****	1.00	**	11	н	**	"	
Naphthalene		н	ND	*****	2.00	11	н	H	**	**	
n-Propylbenzene		#	ND		1.00	**	н	11	**	н	
Styrene		n .	ND		1.00	11	**	**	"	Ħ	
1,1,1,2-Tetrachlo	roethane	"	ND	****	1.00	11	**	11	**	,,	
1,1,2,2-Tetrachlo	roethane	**	ND	****	1.00	11	**	**	**	н	
Tetrachloroethen	e	н	ND	***	1.00	**	**	**	**	**	
Toluene		***	ND	*****	1.00		н	**	**	H	
1,2,3-Trichlorobe	enzene	н	ND	****	1.00		**	**	H	11	
1,2,4-Trichlorobe	enzene	**	ND	*****	1.00	**	*	11	"	18	
1,1,1-Trichloroet	hane	"	ND	*****	1.00	**	*	**	"	**	
1,1,2-Trichloroetl	hane	и	ND	****	1.00	n	п	"	**	н	
Trichloroethene		**	ND	****	1.00	**	**	11	11	th	
Trichlorofluorom	ethane	**	ND		1.00		н	н	n	#	
1,2,3-Trichloropr	opane	"	ND		1.00	**	er	17	11	#	
1,2,4-Trimethylbe	enzene	**	ND		1.00	**	**	**	**	**	
1,3,5-Trimethylbe	enzene	N	ND		1.00	н	н	н	#	11	
Vinyl chloride		#	ND		0.200	11	"	11	67	**	
o-Xylene		**	ND		1.00	11	Ħ	**	n	14	
m,p-Xylene		н	ND	****	2.00	n	н	11	Ħ	ff.	
Surrogate(s):	Dibromofluorome	thane		82.0%		62.9 - 1	31 %	И		"	
	Toluene-d8			95.2%		58.7 - 1		"		"	
	4-bromofluoroben	zene		108%		60.8 - 1	40 %	"		"	

TestAmerica - Anchorage, AK

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Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street Project Na

Fairbanks, ALASKA/USA 99701

Project Name: Seekins

Project Number: 1197-02

Melissa Shippey

Report Created: 07/31/06 20:03

Gasoline Range Organics (C6-C10) per AK101 - Laboratory Quality Control Results

TestAmerica - Anchorage, AK

Project Manager:

QC Batch: 6070073	Water	Preparati	on Method:	EPA 5	030B									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	ĸ₽D	(Limi	its) Analyzed	Notes
Blank (6070073-BLK1)								Ext	racted:	07/23/06	11:05			
Gasoline Range Organics	AK101 GRO	ND		50.0	ug/l	1x							07/23/06 11:52	
Surrogate(s): a,a,a-TFT (FID)		Recovery:	96.3%	Lim	its: 50-150%	#							07/23/06 11:52	nandousenelle*
LCS (6070073-BS2)								Ext	racted:	07/23/06	11:05			
Gasoline Range Organics	AK101 GRO	484		50.0	ug/l	1 x	no ini	550	88.0%	(60-120)	**		07/23/06 13:02	
Surrogate(s): a,a,a-TFT (FID)		Recovery:	96.1%	Lim	its: 50-150%	"					***************************************		07/23/06 13:02	
LCS Dup (6070073-BSD2)								Ext	racted:	07/23/06	11:05			
Gasoline Range Organics	AK101 GRO	480		50.0	ug/l	1x		550	87.3%	(60-120)	0.8309	% (20)	07/23/06 20:28	
Surrogate(s): a,a,a-TFT (FID)		Recovery:	93.5%	Lim	its: 50-150%	"							07/23/06 20:28	
Duplicate (6070073-DUP1)				QC Source	: APG0076-	-13		Ext	racted:	07/23/06	11:05			
Gasoline Range Organics	AK101 GRO	ND	data and add	50.0	ug/l	lx	ND			**	NR	(50)	07/23/06 14:47	
Surrogate(s): a,a,a-TFT (FID)		Recovery:	93.1%	Limi	its: 50-150%	"					***************************************		07/23/06 14:47	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

329 2nd Street

1197-02 Project Number: Project Manager:

Melissa Shippey

Report Created: 07/31/06 20:03

Diesel Range Organics (C10-C25) per AK102 - Laboratory Quality Control Results

TestAmerica - Anchorage, AK

QC Batch: 6070066	Water	Preparati	on Method:	EPA 3	510									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	rpd ((Limi	ts) Analyzed	Notes
Blank (6070066-BLK1)								Ext	racted:	07/20/06	5 10:41			
Diesel Range Organics	AK 102	ND		0.500	mg/l	1x							07/20/06 17:43	
Surrogate(s): 1-Chlorooctadecane		Recovery:	93.8%	Lim	nits: 50-150%	п							07/20/06 17:43	
LCS (6070066-BS1)								Ext	racted:	07/20/06	10:41			
Diesel Range Organics	AK 102	8.57		0.500	mg/l	1x		10.0	85.7%	(75-125)			07/20/06 17:10	
Surrogate(s): 1-Chlorooctadecane		Recovery:	86.7%	Lim	nits: 50-150%	17							07/20/06 17:10	
LCS Dup (6070066-BSD1)								Ext	racted:	07/20/06	10:41			
Diesel Range Organics	AK 102	8,59	***	0.500	mg/l	1x		10.0	85.9%	(75-125)	0.233%	(20)	07/20/06 16:05	
Surrogate(s): 1-Chlorooctadecane		Recovery:	83.2%	Lim	nits: 50-150%	"							07/20/06 16:05	
Duplicate (6070066-DUP1)				QC Sourc	e: APG0075	-01		Ext	racted:	07/20/06	10:41			
Diesel Range Organics	AK 102	ND		0.417	mg/l	lx	ND				0.00%	(20)	07/20/06 17:10	
Surrogate(s): 1-Chlorooctadecane		Recovery:	88.2%	Lim	its: 50-150%	"							07/20/06 17:10	

TestAmerica - Anchorage, AK

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.







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

329 2nd Street

Fairbanks, ALASKA/USA 99701

Seekins

Project Number: 1197-02

Project Manager: Melissa Shippey

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Spokane, WA

QC Batch: 6070277	Water	Preparation	Method:	GC/M	S Volatil	es			,					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	r [%] D	(Lim	its) Analyzed	Notes
Blank (6070277-BLK1)				······································				***************************************	***************************************	07/25/06				
Acetone	EPA 8260B	ND	***	25.0	ug/l	1x					13.57		07/25/06 16:54	
Benzene	**	ND	***	1.00		19				**			07/23/00 10,34	
Bromobenzene	**	ND		1.00	**	и .	**	**		***			**	
Bromochloromethane	19	ND		1.00	,,	н				**			н	
Bromodichloromethane	11	ND		1.00	25	н	**						**	
Bromoform	11	ND	Marine	1.00	н	**	***						**	
Bromomethane	et	ND	***	5.00	**	**								
2-Butanone	H	ND	****	10.0	**	н							**	
n-Butylbenzene	n	ND		1.00	**		**						"	
sec-Butylbenzene	19	ND		1.00	**	11							т.	
tert-Butylbenzene	**	ND	***	1.00	"	**	***							
Carbon disulfide	и	ND		1.00	16	N .							··	
Carbon tetrachloride	п	ND	***	1.00	**								,,	
Chlorobenzene	11	ND	***	1.00	**	н								
Chloroethane		ND		1.00	**	**								
Chloroform	#	ND		1.00	11	,,							"	
Chloromethane	**	ND		5.00	**	18			~~				,	
2-Chlorotoluene	н	ND	**-	1.00	**	**					~-		"	
4-Chlorotoluene	"	ND	ware	1.00	**				***					
Dibromochloromethane	17	ND		1.00	**	**				~~			**	
1,2-Dibromo-3-chloropropane	n	ND	***	5.00	"	,				-			es .	
1,2-Dibromoethane	H	ND		1.00	11	,,								
Dibromomethane	v	ND		1.00	Tt.	H							**	
1,2-Dichlorobenzene	**	ND		1.00	**								n	
1,3-Dichlorobenzene	н	ND			н							••	-11	
1,4-Dichlorobenzene	В	ND		1.00	11	,,						***	*	
Dichlorodifluoromethane	16	ND		1.00		" H		**	**				**	
1,1-Dichloroethane	**	ND		1.00	**		**						**	
1,2-Dichloroethane (EDC)	Ħ	ND	***	1.00	"	17					**		12	
1,1-Dichloroethene	es .	ND	***	1.00		"							"	
cis-1,2-Dichloroethene	fr.	ND	***	1.00	**				**	***			eş	
trans-1,2-Dichloroethene	н			1.00	"	"							řř.	
	17	ND	met-p	1.00	ne .				Brito				Ħ	
1,2-Dichloropropane	et	ND	***	1.00		н		**					11	
1,3-Dichloropropane	11	ND		1.00	ee	17				**	****		**	
2,2-Dichloropropane	25	ND	***	1.00	**	**		**	30 to				n	
1,1-Dichloropropene		ND	***	1.00	н	**					**		19	
cis-1,3-Dichloropropene	**	ND		1.00	11	н			**	~-	**		24	
trans-1,3-Dichloropropene		ND		1.00	**	**			***				11	
Ethylbenzene	19	ND	#IMIN-	1.00	11	11							15	

TestAmerica - Anchorage, AK

94-04 Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK Project Name:

Seekins 1197-02

Fairbanks, ALASKA/USA 99701

329 2nd Street

Project Number: Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Spokane, WA

QC Batch: 6070277	Water	Preparati	on Method:	GC/M	S Volatiles	S								
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	RPD	(Limits) Analyzed	Note
Blank (6070277-BLK1)								Ext	racted:	07/25/06	13:37			
Hexachlorobutadiene	EPA 8260B	ND	***	1,00	ug/l	1x	=~					(07/25/06 16:54	
2-Hexanone	**	ND	***	10.0	"	в	**		••			**	**	
Isopropylbenzene	tt .	ND	***	1.00	Ħ	**							17	
p-Isopropyltoluene	н	ND		1.00	#	19					***		"	
Methylene chloride	**	ND		5.00	n	**							19	
4-Methyl-2-pentanone	11	ND		10.0	*	**	**	~~		**			#	
Methyl tert-butyl ether	**	ND	***	1.00	**	15							tr	
Naphthalene	11	ND		2.00	**	н							н	
n-Propylbenzene	н	ND	***	1.00	11	**							**	
Styrene	**	ND	***	1.00	н	**							11	
1,1,1,2-Tetrachloroethane	"	ND		1.00		**		**					n	
1,1,2,2-Tetrachloroethane	н	ND	***	1.00	н	п			**				#	
Tetrachloroethene	**	ND	360 minutes	1.00	,,	**					***		n .	
Toluene	**	ND		1.00	11	н					***		**	
1,2,3-Trichlorobenzene	19	ND		1.00	н	**							н	
1,2,4-Trichlorobenzene	58	ND		1.00	н	**							**	
1,1,1-Trichloroethane	**	ND		1,00	n	77							**	
1,1,2-Trichloroethane	**	ND		1.00	**	**							H	
Trichloroethene	"	ND		1.00	**	**							в	
Trichlorofluoromethane	*	ND		1.00	11	**							н	
1,2,3-Trichloropropane	**	ND		1.00	**	Ħ					***		Ħ	
1,2,4-Trimethylbenzene	**	ND	***	1.00	#	**							ti .	
1,3,5-Trimethylbenzene	**	ND		1.00	"								n	
Vinyl chloride	"	ND		0.200	н	**	**						#	
o-Xylene	**	ND	hau	1.00	н	#	**						#1	
m,p-Xylene	tt	ND	on all an	2.00	"	**	**				***	**	n	
Surrogate(s): Dibromofluorometha	me	Recovery:	92.8%	Limits.	62.9-131%	n					~		07/25/06 16:54	1
Toluene-d8			87.1%		58.7-133%	n							н	
4-bromofluorobenzer	1e		96.5%		60.8-140%	Ħ							"	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

329 2nd Street

Fairbanks, ALASKA/USA 99701

Project Name: Seekins

1197-02 Project Number:

Melissa Shippey Project Manager:

Report Created: 07/31/06 20:03

Volatile Organic Compounds by EPA Method 8260B - Laboratory Quality Control Results TestAmerica - Spokane, WA

QC Bat	ch: 6070277	Water	Preparati	on Method:	GC/MS	Volatile	s							
Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spik Amt	e % (Limits)	RPD	(Limi	its) Analyzed	Notes
LCS (60702	77-BS1)						***************************************	***************************************	Ex	tracted: 07/25/06	13:37			
Benzene		EPA 8260B	8.12		1.00	ug/l	1x		10.0	81.2% (70-130)			07/25/06 17:26	
Chlorobenzene		H	8.78		1.00	H	н		**	87.8% (68.3-123))		н	
1,1-Dichloroether	e	**	8.76		1.00	,,	#	***	н	87.6% (67-137)			19	
Toluene		11	8.40	***	1.00	"	9		**	84.0% (68.8-139)			**	
Trichloroethene		п	7.85	***	1.00	15	**		18	78.5% (68.1-128)			er	
Surrogate(s)	Dibromofluoromethan Toluene-d8 4-bromofluorobenzene		Recovery:	92.1% 94.1% 104%	Limits:	62.9-131% 58.7-133% 60.8-140%	н				***************************************		07/25/06 17:26	
Matrix Spike	(6070277-MS1)				QC Source:	APG0074	-07		Ex	tracted: 07/25/06	13:37			
Benzene		EPA 8260B	7.87	***	1.00	ug/l	lx	ND	10.0	78.7% (59.7-129)			07/26/06 13:46	
Chlorobenzene		"	8.67		1.00	Ħ	"	ND	н	86.7% (75.8-121)			п	
1,1-Dichloroethen	e	"	9.06	****	1.00	"	11	ND	11	90.6% (63.8-137)			H	
Toluene			8.26		1.00	**	tt	ND	19	82.6% (84.5-127)	**		11	MS-2
Trichloroethene		н	7.66		1.00	**	11	ND	"	76.6% (75.5-129)	***		11	
Surrogate(s):	Dibromofluoromethane Toluene-d8 4-bromofluorobenzene		Recovery:	98.8% 90.8% 107%	Limits:	62.9-131% 58.7-133% 60.8-140%	"						07/26/06 13:46 "	amuniferenteinion.
Matrix Spike	Dup (6070277-M	ISD1)			QC Source:	APG0074	-07		Ext	racted: 07/25/06	13:37			
Benzene		EPA 8260B	9.04		1.00	ug/l	1x	ND	10.0	90.4% (59.7-129)	13.8%	(10)	07/26/06 14:18	RP-2
Chlorobenzene		n	9.95	***	1.00	"	я	ND	н	99.5% (75.8-121)	13.7%	(11)	**	RP-2
1,1-Dichloroethene	•	ii	9.80	Titalin da	1.00	11	"	ND	n	98.0% (63.8-137)	7.85%	(14)	#	
Toluene		**	9.86	***	1.00	11	11	ND	н	98.6% (84.5-127)	17.7%	(12)	11	RP-2
Trichloroethene		**	8.74	***	1.00	"	"	ND	#	87.4% (75.5-129)	13.2%	(10)	11	RP-2
Surrogate(s):	Dibromofluoromethane	!	Recovery:	86.6%	Limits:	62.9-131%	"	***************************************			***************************************		07/26/06 14:18	-
	Toluene-d8			92.9%		58.7-133%	n						"	
	4-bromofluorobenzene			105%		60.8-140%	"						"	

TestAmerica - Anchorage, AK

Jennifer L. Poppe, Chemist I







Travis/Peterson Environmental Consulting, Inc. FBK

Project Name:

Seekins

Fairbanks, ALASKA/USA 99701

Project Number: 1197-02 Project Manager:

Melissa Shippey

Report Created: 07/31/06 20:03

Notes and Definitions

Report Specific Notes:

329 2nd Street

MS-2 The Matrix Spike and/or Matrix Spike Duplicate were below the acceptance limits due to sample matrix interference. See Laboratory Control Sample.

R-01 Reporting limit raised due to dilution necessary for analysis.

The RPD exceeded the laboratory control limit. RP-2

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

Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry

Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis.

RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). **RPD**

MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.

Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Anchorage, AK

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.





FAX 420-9210 FAX 924-9290 FAX 906-9210 FAX 382-7588 FAX 563-9210 425-420-9200 509-924-9200 503-906-9200 541-383-9310 907-563-9200 11720 North Creek Pkwy N Sulie 400, Bothell, WA 98011-8244
11922 E 1st Ave, Spokane, WA 99206-5302
9405 SW Nimbus Ave, Baverton, OR 97008-7145
20332 Empire Ave, Ste FI, Bend, OR 97701-5712

CHAIN OF CUS	STODY REPORT		AK 99502-1119 907-563-9200 FAX 563-9210
O ENVIRONMENT	INVOICE TO.		Work Order #: HTT
REPORT TO BILLISS HIS HIPPER	201 301 D		
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PROJECT NAME: CERVACE	P.O. NUMBER: 1/97	202	18 7 5 1 2 1
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1121	天 天		
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CLIENT SAMPLE SAMPLING 0	20		CONTRACTOR Specific STALND422 CONTRACTOR CON
DENTIFICATION DATE/TIME KRITING ALO B	DKS DKS		MATRIX # OF LOCATION / NCA
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REFERENCE TO SELVES HIS HIDDERY FIRM: 7 DECI	TIME: /S30		DATE: 7/19/04
DDR.T. S	DATE:	RECEIVED BY:	PICHAY FIRM: TA-AL TIME: 13 05
ADDITIONAL DEMADYS.	TIME:	PRINT NAME.	DATE:
STATE WEIGHNESS.		The state of the s	FIRM: TIME:

TEMP: Ç

COC REV 09/04

Test America Cooler Receipt orm (Army Corps. Compliant)

WORK ORDER # 196074 CLIENT: New	5 (Pekus	on PROJECT:	Seekins
Date Time Cooler Arrived 67 / 19 / 06 13:65 Co	ooler signed fo	or by: <u>Schanna</u> (Print name)	Dreher
Preliminary Examination Phase:			
Date cooler opened: same as date received or/	-/ A	6	S 1
Cooler opened by (print) Johann Drecher	(sign)	Channe 6	JEV-
1. Delivered by ALASKA AIRLINES Fed-Ex UPS	NAC X LYN	DEN LICLIENT	Other:
Shipment Tracking # if applicable 219136 (include copy of	shipping papers in file	() (
2. Number of Custody Seals 2 Signed by Melissa	Shippey	_ Date/_18/_01	¥
Were custody seals unbroken and intact on arrival?	Yes	No	
3. Were custody papers sealed in a plastic bag?	∑ Yes	□No	
4. Were custody papers filled out properly (ink, signed, etc.)?	Yes	□No	
5. Did you sign the custody papers in the appropriate place?	Yes	□ No	ā
6. Was ice used? Yes No Type of ice: blue ice gel ice	real ice	dry ice Condition	on of Ice: Solid
Temperature by Digi-Thermo Probe 3.1 °C Thermo	meter #	rec. 3	
7. Packing in Cooler: N bubble wrap Styrofoam cardboard	Other:		
8. Did samples arrive in plastic bags?	Yes Yes	No	
9. Did all bottles arrive unbroken, and with labels in good condition?	Yes	□No	
10. Are all bottle labels complete (ID, date, time, etc.)	∑ Yes	□No	
11. Do bottle labels and Chain of Custody agree?	∀es	□ No	
12. Are the containers and preservatives correct for the tests indicated	l?⊠Yes	□ No	
13. Is there adequate volume for the tests requested?	Yes	No	
14. Were VOA vials free of bubbles?	Yes	□ No	
If "NO" which containers contained "head space" or bubble.	s'?		
Log-in Phase:			
Date of sample log-in 67 / 20 / 06		0 1	D.1
Samples logged in by (print) Johanna Dicher		,)	
1. Was project identifiable from custody papers?	∑ Yes	□ No	
2. Do Turn Around Times and Due Dates agree?	X Yes	□No	
3. Was the Project Manager notified of status?	⊠ Yes	□ No	
4. Was the Lab notified of status?	ズ Yes	□No	
5 Was the COC scanned and copied?	X Yes	□ No	