

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

Michael D. Travis P.E.  
Principal

3305 Arctic Boulevard, Suite 102  
Anchorage, Alaska 99503

Phone: 907-522-4337  
Fax: 907-522-4313  
e-mail: mtravis@tpeci.com

100.26.131 100.38.097  
Laurence A. Peterson  
Operations Manager

329 2nd Street  
Fairbanks, Alaska 99701

Phone: 907-455-7225  
Fax: 907-455-7228  
e-mail: larry@tpeci.com

August 10, 2006  
1197-02

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

**Attention: Al Haynes**

Re: Groundwater Sampling, July 17<sup>th</sup> and July 18<sup>th</sup>, 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.

**RECEIVED**

AUG 14 2006

**CONTAMINATED  
SITES  
FAIRBANKS**

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,

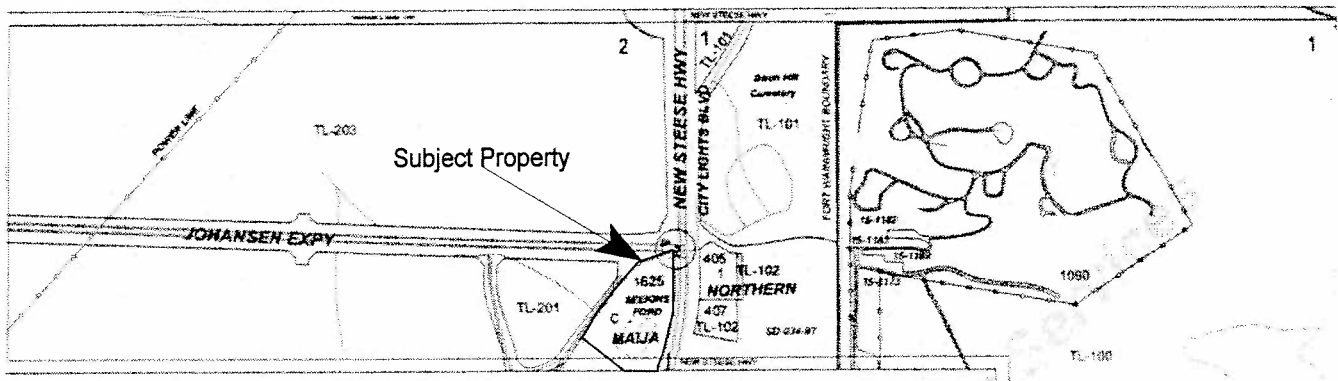
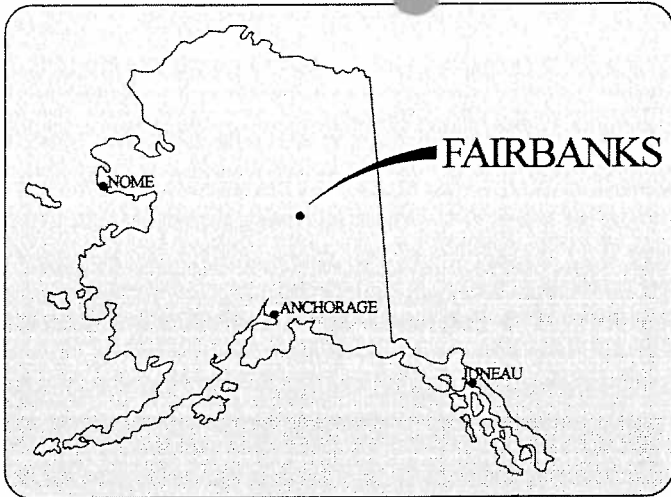


Kindra R. Geis  
Environmental Technician

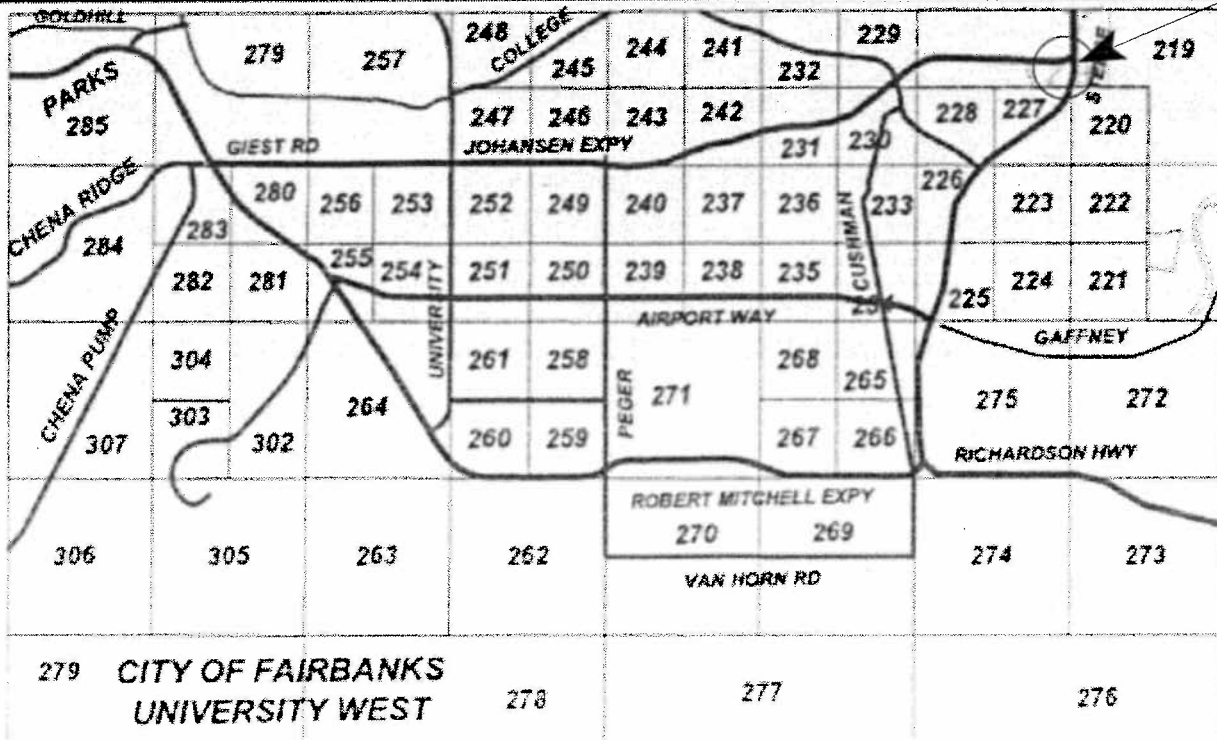
cc: Doug Bauer, Alaska Department of Environmental Conservation

Attachments: Figures  
Table 1  
Test America Analytical Report

**FIGURES**



Subject Property Overview



TRAVIS/PETERSON ENVIRONMENTAL CONSULTING, INC.  
 329 2ND STREET  
 FAIRBANKS, ALASKA 99701

SEEKINS

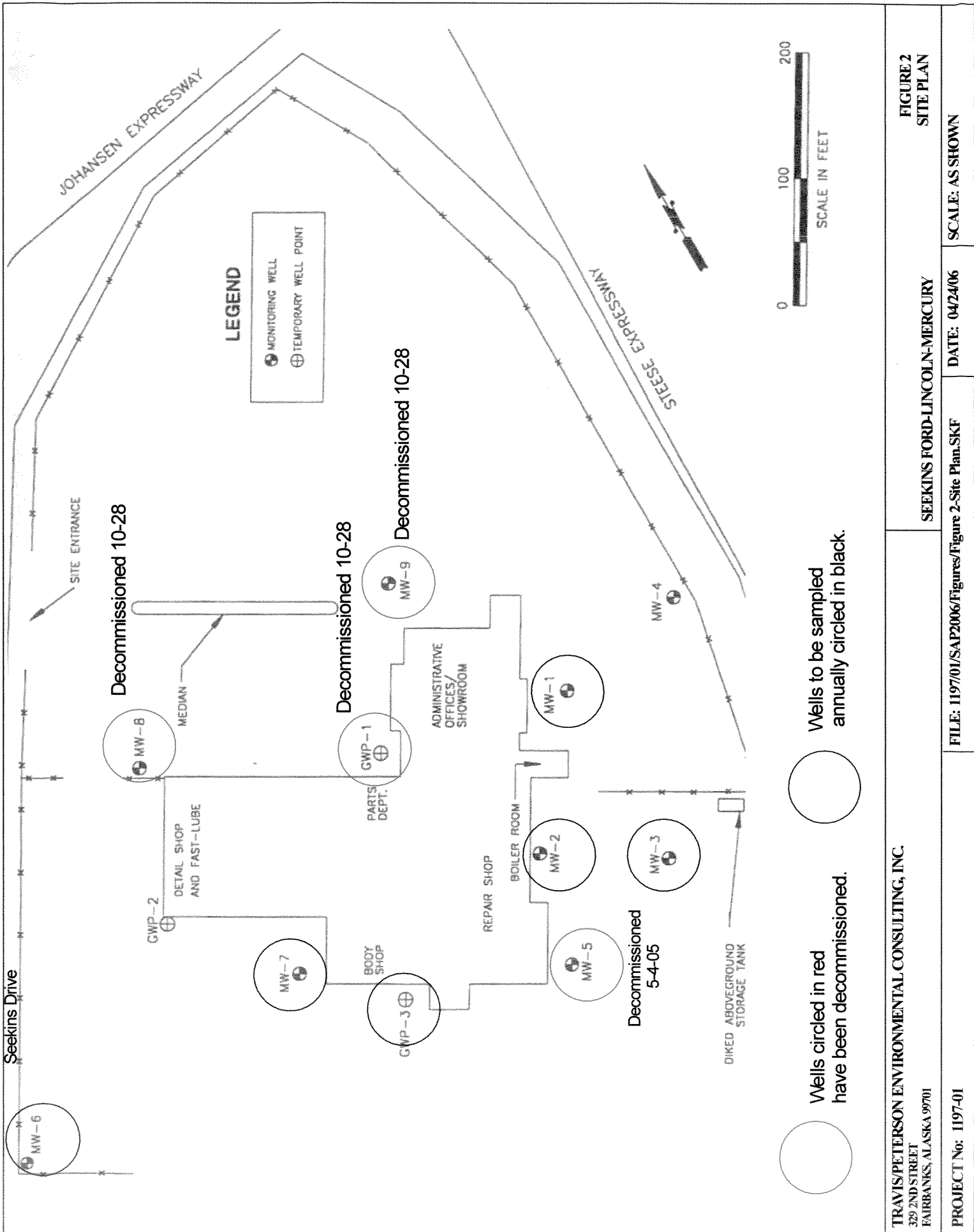
FIGURE 1  
 LOCATION & VICINITY

PROJECT No: 1197-01

FILE: 1197/01/Figures/Figure 1-Location & Vicinity.SKF

DATE: 11/07/05

SCALE: AS SHOWN



TRAVIS/PETERSON ENVIRONMENTAL CONSULTING, INC.  
 329 2ND STREET  
 FAIRBANKS, ALASKA 99701

SEEKINS FORD-LINCOLN-MERCURY  
 FIGURE 2  
 SITE PLAN

PROJECT No: 1197-01  
 FILE: 1197/01/SAP2006/Figures/Figure 2-Site Plan.SKF  
 DATE: 04/24/06  
 SCALE: AS SHOWN

**TABLE 1**

TABLE 1

	ADEC MCL mg/L	MW-1	MW-3	GWP-3	MW-6	MW-16 (DUPE)	MW-4
Date of Sampling	-	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	ND	ND	ND	ND
GRO	1.3	9.8	ND	ND	ND	ND	ND
Ethylbenzene	0.7	0.368	ND	ND	ND	ND	ND
Xylenes (total)	10.0	2.081	ND	ND	ND	ND	ND
sec-Butylbenzene	1.46	0.245	ND	ND	ND	ND	ND
Toluene	1.0	0.755	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1.85	0.370	ND	ND	ND	ND	ND
Carbon Disulfide	3.65	ND	0.00172	ND	ND	ND	0.00133
1,2-Dichlorobenzene	0.6	ND	0.0051	ND	ND	ND	ND
Tetrachloroethene	0.005	ND	0.00141	ND	<b>0.00666</b>	<b>0.00649</b>	ND
Trichlorofluoromethane	10.95	ND	16.8	ND	0.00445	0.00429	ND

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.

---

<u>Work Order</u>	<u>Project</u>	<u>ProjectNumber</u>
APG0074	Seekins	1197-02

---

---

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.*



---

Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> Project Number: 1197-02 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

  
Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> Project Number: 1197-02 Project Manager: Melissa Shippey	Report Created: 07/31/06 20:03
--	---	-----------------------------------

**Gasoline Range Organics (C6-C10) per AK101**  
TestAmerica - Anchorage, AK

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>APG0074-01 (MW-1)</b>		<b>Water</b>			<b>Sampled: 07/17/06 11:20</b>					
Gasoline Range Organics	AK101 GRO	<b>9810</b>	----	1000	ug/l	20x	6070073	07/23/06 11:05	07/25/06 12:59	R-01
<i>Surrogate(s): a,a,a-TFT (FID)</i>			87.2%		50 - 150 %	1x				"
<b>APG0074-02 (MW-3)</b>		<b>Water</b>			<b>Sampled: 07/17/06 12:05</b>					
Gasoline Range Organics	AK101 GRO	ND	----	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 13:40	
<i>Surrogate(s): a,a,a-TFT (FID)</i>			92.6%		50 - 150 %	"				"
<b>APG0074-03 (GWP-3)</b>		<b>Water</b>			<b>Sampled: 07/17/06 12:50</b>					
Gasoline Range Organics	AK101 GRO	ND	----	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 14:14	
<i>Surrogate(s): a,a,a-TFT (FID)</i>			93.0%		50 - 150 %	"				"
<b>APG0074-04 (MW-6)</b>		<b>Water</b>			<b>Sampled: 07/17/06 14:20</b>					
Gasoline Range Organics	AK101 GRO	ND	----	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 14:49	
<i>Surrogate(s): a,a,a-TFT (FID)</i>			94.1%		50 - 150 %	"				"
<b>APG0074-05 (MW-16)</b>		<b>Water</b>			<b>Sampled: 07/17/06 14:40</b>					
Gasoline Range Organics	AK101 GRO	ND	----	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 15:23	
<i>Surrogate(s): a,a,a-TFT (FID)</i>			87.7%		50 - 150 %	"				"
<b>APG0074-07 (MW-4)</b>		<b>Water</b>			<b>Sampled: 07/18/06 14:30</b>					
Gasoline Range Organics	AK101 GRO	ND	----	50.0	ug/l	1x	6070073	07/23/06 11:05	07/24/06 15:57	
<i>Surrogate(s): a,a,a-TFT (FID)</i>			93.0%		50 - 150 %	"				"

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.

  
Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-01 (MW-1)</b>		<b>Water</b>			<b>Sampled: 07/17/06 11:20</b>					
Diesel Range Organics	AK 102	<b>0.843</b>	----	0.407	mg/l	1x	6070066	07/20/06 10:41	07/20/06 18:47	
<i>Surrogate(s): 1-Chlorooctadecane</i>			88.5%		50 - 150 %	"				"
<b>APG0074-02 (MW-3)</b>		<b>Water</b>			<b>Sampled: 07/17/06 12:05</b>					
Diesel Range Organics	AK 102	<b>0.538</b>	----	0.500	mg/l	1x	6070066	07/20/06 10:41	07/20/06 19:20	
<i>Surrogate(s): 1-Chlorooctadecane</i>			92.2%		50 - 150 %	"				"
<b>APG0074-03 (GWP-3)</b>		<b>Water</b>			<b>Sampled: 07/17/06 12:50</b>					
Diesel Range Organics	AK 102	ND	----	0.391	mg/l	1x	6070066	07/20/06 10:41	07/20/06 19:20	
<i>Surrogate(s): 1-Chlorooctadecane</i>			86.2%		50 - 150 %	"				"
<b>APG0074-04 (MW-6)</b>		<b>Water</b>			<b>Sampled: 07/17/06 14:20</b>					
Diesel Range Organics	AK 102	ND	----	0.394	mg/l	1x	6070066	07/20/06 10:41	07/20/06 19:52	
<i>Surrogate(s): 1-Chlorooctadecane</i>			91.1%		50 - 150 %	"				"
<b>APG0074-05 (MW-16)</b>		<b>Water</b>			<b>Sampled: 07/17/06 14:40</b>					
Diesel Range Organics	AK 102	ND	----	0.400	mg/l	1x	6070066	07/20/06 10:41	07/20/06 19:52	
<i>Surrogate(s): 1-Chlorooctadecane</i>			93.5%		50 - 150 %	"				"
<b>APG0074-07 (MW-4)</b>		<b>Water</b>			<b>Sampled: 07/18/06 14:30</b>					
Diesel Range Organics	AK 102	ND	----	0.410	mg/l	1x	6070066	07/20/06 10:41	07/20/06 20:24	
<i>Surrogate(s): 1-Chlorooctadecane</i>			92.0%		50 - 150 %	"				"

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.*

  
 \_\_\_\_\_  
 Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-01 (MW-1)</b>		<b>Water</b>					<b>Sampled: 07/17/06 11:20</b>			
Acetone	EPA 8260B	ND	----	2500	ug/l	100x	6070277	07/25/06 13:37	07/26/06 12:44	
Benzene	"	ND	----	100	"	"	"	"	"	
Bromobenzene	"	ND	----	100	"	"	"	"	"	
Bromochloromethane	"	ND	----	100	"	"	"	"	"	
Bromodichloromethane	"	ND	----	100	"	"	"	"	"	
Bromoform	"	ND	----	100	"	"	"	"	"	
Bromomethane	"	ND	----	500	"	"	"	"	"	
2-Butanone	"	ND	----	1000	"	"	"	"	"	
n-Butylbenzene	"	ND	----	100	"	"	"	"	"	
<b>sec-Butylbenzene</b>	"	<b>245</b>	----	100	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	100	"	"	"	"	"	
Carbon disulfide	"	ND	----	100	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	100	"	"	"	"	"	
Chlorobenzene	"	ND	----	100	"	"	"	"	"	
Chloroethane	"	ND	----	100	"	"	"	"	"	
Chloroform	"	ND	----	100	"	"	"	"	"	
Chloromethane	"	ND	----	500	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	100	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	100	"	"	"	"	"	
Dibromochloromethane	"	ND	----	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	500	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	100	"	"	"	"	"	
Dibromomethane	"	ND	----	100	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	100	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	100	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	100	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	100	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	100	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	100	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	100	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	100	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	100	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	100	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	100	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	100	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	100	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	100	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	----	100	"	"	"	"	"	

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.*



Jennifer L. Poppe, Chemist 1



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-01 (MW-1)</b>		<b>Water</b>				<b>Sampled: 07/17/06 11:20</b>				
<b>Ethylbenzene</b>	EPA 8260B	<b>368</b>	----	100	ug/l	100x	6070277	07/25/06 13:37	07/26/06 12:44	
Hexachlorobutadiene	"	ND	----	100	"	"	"	"	"	
2-Hexanone	"	ND	----	1000	"	"	"	"	"	
Isopropylbenzene	"	ND	----	100	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	100	"	"	"	"	"	
Methylene chloride	"	ND	----	500	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	1000	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	100	"	"	"	"	"	
Naphthalene	"	ND	----	200	"	"	"	"	"	
n-Propylbenzene	"	ND	----	100	"	"	"	"	"	
Styrene	"	ND	----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	100	"	"	"	"	"	
Tetrachloroethene	"	ND	----	100	"	"	"	"	"	
<b>Toluene</b>	"	<b>755</b>	----	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	100	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	100	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	100	"	"	"	"	"	
Trichloroethene	"	ND	----	100	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	100	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	100	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	"	<b>370</b>	----	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	100	"	"	"	"	"	
Vinyl chloride	"	ND	----	20.0	"	"	"	"	"	
<b>o-Xylene</b>	"	<b>661</b>	----	100	"	"	"	"	"	
<b>m,p-Xylene</b>	"	<b>1420</b>	----	200	"	"	"	"	"	
<i>Surrogate(s):</i>	<i>Dibromofluoromethane</i>		88.1%		62.9 - 131 %	1x				"
	<i>Toluene-d8</i>		92.0%		58.7 - 133 %	"				"
	<i>4-bromofluorobenzene</i>		101%		60.8 - 140 %	"				"

  
 Jennifer L. Poppe, Chemist I



**Travis/Peterson Environmental Consulting, Inc. FBK** Project Name: **Seekins**  
 329 2nd Street Project Number: 1197-02  
 Fairbanks, ALASKA/USA 99701 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
<b>APG0074-02 (MW-3)</b>										
		<b>Water</b>								
										<b>Sampled: 07/17/06 12:05</b>
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/26/06 13:15	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
<b>Carbon disulfide</b>	"	<b>1.72</b>	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
<b>1,2-Dichlorobenzene</b>	"	<b>5.10</b>	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	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.*

Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b>	Project Name: <b>Seekins</b>	Report Created:
329 2nd Street	Project Number: 1197-02	07/31/06 20:03
Fairbanks, ALASKA/USA 99701	Project Manager: Melissa Shippey	

## Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>APG0074-02 (MW-3)</b>		<b>Water</b>						<b>Sampled: 07/17/06 12:05</b>		
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/26/06 13:15	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>1.41</b>	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>				100%			62.9 - 131 %	"		"
<i>Toluene-d8</i>				92.4%			58.7 - 133 %	"		"
<i>4-bromofluorobenzene</i>				101%			60.8 - 140 %	"		"






<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-03 (GWP-3)</b>		<b>Water</b>					<b>Sampled: 07/17/06 12:50</b>			
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 20:37	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	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.*

  
Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-03 (GWP-3)</b>		<b>Water</b>				<b>Sampled: 07/17/06 12:50</b>				
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 20:37	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>				80.2%			62.9 - 131 %	"		"
<i>Toluene-d8</i>				92.6%			58.7 - 133 %	"		"
<i>4-bromofluorobenzene</i>				103%			60.8 - 140 %	"		"

  
 Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-04 (MW-6)</b>										
		<b>Water</b>								<b>Sampled: 07/17/06 14:20</b>
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:09	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	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.*



Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b>	Project Name: <b>Seekins</b>	
329 2nd Street	Project Number: 1197-02	Report Created: 07/31/06 20:03
Fairbanks, ALASKA/USA 99701	Project Manager: Melissa Shippey	

**Volatile Organic Compounds by EPA Method 8260B**  
 TestAmerica - Spokane, WA

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
<b>APG0074-04 (MW-6)</b>		<b>Water</b>					<b>Sampled: 07/17/06 14:20</b>			
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:09	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>6.66</b>	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>4.45</b>	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s):</i>										
<i>Dibromofluoromethane</i>			78.2%		62.9 - 131 %	"				"
<i>Toluene-d8</i>			88.9%		58.7 - 133 %	"				"
<i>4-bromofluorobenzene</i>			105%		60.8 - 140 %	"				"

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.*



Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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	
<b>APG0074-05 (MW-16)</b>		<b>Water</b>					<b>Sampled: 07/17/06 14:40</b>				
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:41		
Benzene	"	ND	----	1.00	"	"	"	"	"		
Bromobenzene	"	ND	----	1.00	"	"	"	"	"		
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"		
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"		
Bromoform	"	ND	----	1.00	"	"	"	"	"		
Bromomethane	"	ND	----	5.00	"	"	"	"	"		
2-Butanone	"	ND	----	10.0	"	"	"	"	"		
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"		
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"		
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"		
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"		
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"		
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"		
Chloroethane	"	ND	----	1.00	"	"	"	"	"		
Chloroform	"	ND	----	1.00	"	"	"	"	"		
Chloromethane	"	ND	----	5.00	"	"	"	"	"		
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"		
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"		
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"		
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"		
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"		
Dibromomethane	"	ND	----	1.00	"	"	"	"	"		
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"		
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"		
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"		
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"		
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"		
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"		
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"		
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"		
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"		
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"		
trans-1,3-Dichloropropene	"	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.*



Jennifer L. Poppe, Chemist I



**Travis/Peterson Environmental Consulting, Inc. FBK** Project Name: **Seekins**  
 329 2nd Street Project Number: 1197-02  
 Fairbanks, ALASKA/USA 99701 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
<b>APG0074-05 (MW-16)</b>										
			<b>Water</b>							<b>Sampled: 07/17/06 14:40</b>
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 21:41	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
<b>Tetrachloroethene</b>	"	<b>6.49</b>	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
<b>Trichlorofluoromethane</b>	"	<b>4.29</b>	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>				79.7%			62.9 - 131 %	"		"
<i>Toluene-d8</i>				102%			58.7 - 133 %	"		"
<i>4-bromofluorobenzene</i>				104%			60.8 - 140 %	"		"





<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-06 (Trip Blank)</b>										
		<b>Water</b>								
										<b>Sampled: 07/17/06 15:00</b>
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:12	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	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.*

  
 \_\_\_\_\_  
 Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-06 (Trip Blank)</b>										
		<b>Water</b>							<b>Sampled: 07/17/06 15:00</b>	
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:12	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>				82.3%			62.9 - 131 %	"		"
<i>Toluene-d8</i>				90.6%			58.7 - 133 %	"		"
<i>4-bromofluorobenzene</i>				104%			60.8 - 140 %	"		"

  
 Jennifer L. Poppe, Chemist I





<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-07 (MW-4)</b>		<b>Water</b>						<b>Sampled: 07/18/06 14:30</b>		
Acetone	EPA 8260B	ND	----	25.0	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:44	
Benzene	"	ND	----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	----	1.00	"	"	"	"	"	
Bromoform	"	ND	----	1.00	"	"	"	"	"	
Bromomethane	"	ND	----	5.00	"	"	"	"	"	
2-Butanone	"	ND	----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	----	1.00	"	"	"	"	"	
<b>Carbon disulfide</b>	"	<b>1.33</b>	----	1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND	----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Chloroethane	"	ND	----	1.00	"	"	"	"	"	
Chloroform	"	ND	----	1.00	"	"	"	"	"	
Chloromethane	"	ND	----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	----	1.00	"	"	"	"	"	
Dibromochloromethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloroethane (EDC)	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	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.*



Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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
<b>APG0074-07 (MW-4)</b>		<b>Water</b>			<b>Sampled: 07/18/06 14:30</b>					
Ethylbenzene	EPA 8260B	ND	----	1.00	ug/l	1x	6070277	07/25/06 13:37	07/25/06 22:44	
Hexachlorobutadiene	"	ND	----	1.00	"	"	"	"	"	
2-Hexanone	"	ND	----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	----	1.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	----	5.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	----	10.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	----	1.00	"	"	"	"	"	
Naphthalene	"	ND	----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	----	1.00	"	"	"	"	"	
Styrene	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,1,2,2-Tetrachloroethane	"	ND	----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	----	1.00	"	"	"	"	"	
Toluene	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	----	0.200	"	"	"	"	"	
o-Xylene	"	ND	----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	----	2.00	"	"	"	"	"	
<i>Surrogate(s): Dibromofluoromethane</i>			82.0%		62.9 - 131 %	"			"	
<i>Toluene-d8</i>			95.2%		58.7 - 133 %	"			"	
<i>4-bromofluorobenzene</i>			108%		60.8 - 140 %	"			"	

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.*

  
Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> Project Number: 1197-02 Project Manager: Melissa Shippey	Report Created: 07/31/06 20:03
--	---	-----------------------------------

**Gasoline Range Organics (C6-C10) per AK101 - Laboratory Quality Control Results**  
TestAmerica - Anchorage, AK

**QC Batch: 6070073      Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
<b>Blank (6070073-BLK1)</b>												
Extracted: 07/23/06 11:05												
Gasoline Range Organics	AK101 GRO	ND	---	50.0	ug/l	1x	--	--	--	--	07/23/06 11:52	
<i>Surrogate(s): a,a,a-TFT (FID)</i>		<i>Recovery: 96.3%</i>		<i>Limits: 50-150%</i>	"						07/23/06 11:52	
<b>LCS (6070073-BS2)</b>												
Extracted: 07/23/06 11:05												
Gasoline Range Organics	AK101 GRO	484	---	50.0	ug/l	1x	--	550	88.0% (60-120)	--	07/23/06 13:02	
<i>Surrogate(s): a,a,a-TFT (FID)</i>		<i>Recovery: 96.1%</i>		<i>Limits: 50-150%</i>	"						07/23/06 13:02	
<b>LCS Dup (6070073-BSD2)</b>												
Extracted: 07/23/06 11:05												
Gasoline Range Organics	AK101 GRO	480	---	50.0	ug/l	1x	--	550	87.3% (60-120)	0.830% (20)	07/23/06 20:28	
<i>Surrogate(s): a,a,a-TFT (FID)</i>		<i>Recovery: 93.5%</i>		<i>Limits: 50-150%</i>	"						07/23/06 20:28	
<b>Duplicate (6070073-DUP1)</b>												
QC Source: APG0076-13      Extracted: 07/23/06 11:05												
Gasoline Range Organics	AK101 GRO	ND	---	50.0	ug/l	1x	ND	--	--	NR (50)	07/23/06 14:47	
<i>Surrogate(s): a,a,a-TFT (FID)</i>		<i>Recovery: 93.1%</i>		<i>Limits: 50-150%</i>	"						07/23/06 14:47	

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.*

  
Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b>	Project Name: <b>Seekins</b>	
329 2nd Street	Project Number: 1197-02	Report Created: 07/31/06 20:03
Fairbanks, ALASKA/USA 99701	Project Manager: Melissa Shippey	

**Diesel Range Organics (C10-C25) per AK102 - Laboratory Quality Control Results**  
TestAmerica - Anchorage, AK

**QC Batch: 6070066      Water Preparation Method: EPA 3510**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
<b>Blank (6070066-BLK1)</b>							Extracted: 07/20/06 10:41					
Diesel Range Organics	AK 102	ND	---	0.500	mg/l	1x	--	--	--	--	07/20/06 17:43	
<i>Surrogate(s): 1-Chlorooctadecane</i>		<i>Recovery: 93.8%</i>		<i>Limits: 50-150%</i>		<i>"</i>					<i>07/20/06 17:43</i>	
<b>LCS (6070066-BS1)</b>							Extracted: 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	
<i>Surrogate(s): 1-Chlorooctadecane</i>		<i>Recovery: 86.7%</i>		<i>Limits: 50-150%</i>		<i>"</i>					<i>07/20/06 17:10</i>	
<b>LCS Dup (6070066-BSD1)</b>							Extracted: 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	
<i>Surrogate(s): 1-Chlorooctadecane</i>		<i>Recovery: 83.2%</i>		<i>Limits: 50-150%</i>		<i>"</i>					<i>07/20/06 16:05</i>	
<b>Duplicate (6070066-DUP1)</b>				QC Source: APG0075-01			Extracted: 07/20/06 10:41					
Diesel Range Organics	AK 102	ND	---	0.417	mg/l	1x	ND	--	--	--	0.00% (20)	07/20/06 17:10
<i>Surrogate(s): 1-Chlorooctadecane</i>		<i>Recovery: 88.2%</i>		<i>Limits: 50-150%</i>		<i>"</i>					<i>07/20/06 17:10</i>	

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.

  
Jennifer L. Poppe, Chemist I

<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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/MS Volatiles

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
<b>Blank (6070277-BLK1)</b>												
											Extracted: 07/25/06 13:37	
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	07/25/06 16:54
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	"
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	"
2-Butanone	"	ND	---	10.0	"	"	--	--	--	--	--	"
n-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Carbon disulfide	"	ND	---	1.00	"	"	--	--	--	--	--	"
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	"
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	"
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	"
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	"
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	"
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Dichlorodifluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,2-Dichloroethane (EDC)	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	"
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	"
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	"
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	"
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	"
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	"
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	"
Ethylbenzene	"	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.*

  
Jennifer L. Poppe, Chemist I

**Travis/Peterson Environmental Consulting, Inc. FBK** Project Name: **Seekins**  
 329 2nd Street Project Number: 1197-02  
 Fairbanks, ALASKA/USA 99701 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/MS Volatiles

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
<b>Blank (6070277-BLK1)</b>												
Extracted: 07/25/06 13:37												
Hexachlorobutadiene	EPA 8260B	ND	---	1.00	ug/l	1x	--	--	--	--	07/25/06 16:54	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	"	
Isopropylbenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	1.00	"	"	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	10.0	"	"	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	"	
Vinyl chloride	"	ND	---	0.200	"	"	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	"	
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>92.8%</i>	<i>Limits: 62.9-131%</i>		<i>"</i>						<i>07/25/06 16:54</i>
<i>Toluene-d8</i>			<i>87.1%</i>	<i>58.7-133%</i>		<i>"</i>						<i>"</i>
<i>4-bromofluorobenzene</i>			<i>96.5%</i>	<i>60.8-140%</i>		<i>"</i>						<i>"</i>



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> 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/MS Volatiles**


Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC (Limits)	% RPD (Limits)	Analyzed	Notes
<b>LCS (6070277-BS1)</b>												
Extracted: 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	"	8.78	---	1.00	"	"	--	"	87.8% (68.3-123)	-- --	"	
1,1-Dichloroethene	"	8.76	---	1.00	"	"	--	"	87.6% (67-137)	-- --	"	
Toluene	"	8.40	---	1.00	"	"	--	"	84.0% (68.8-139)	-- --	"	
Trichloroethene	"	7.85	---	1.00	"	"	--	"	78.5% (68.1-128)	-- --	"	
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>92.1%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>					<i>07/25/06 17:26</i>	
<i>Toluene-d8</i>			<i>94.1%</i>		<i>58.7-133%</i>	<i>"</i>					<i>"</i>	
<i>4-bromofluorobenzene</i>			<i>104%</i>		<i>60.8-140%</i>	<i>"</i>					<i>"</i>	

<b>Matrix Spike (6070277-MS1)</b>												
QC Source: APG0074-07      Extracted: 07/25/06 13:37												
Benzene	EPA 8260B	7.87	---	1.00	ug/l	1x	ND	10.0	78.7% (59.7-129)	-- --	07/26/06 13:46	
Chlorobenzene	"	8.67	---	1.00	"	"	ND	"	86.7% (75.8-121)	-- --	"	
1,1-Dichloroethene	"	9.06	---	1.00	"	"	ND	"	90.6% (63.8-137)	-- --	"	
Toluene	"	8.26	---	1.00	"	"	ND	"	82.6% (84.5-127)	-- --	"	MS-2
Trichloroethene	"	7.66	---	1.00	"	"	ND	"	76.6% (75.5-129)	-- --	"	
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>98.8%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>					<i>07/26/06 13:46</i>	
<i>Toluene-d8</i>			<i>90.8%</i>		<i>58.7-133%</i>	<i>"</i>					<i>"</i>	
<i>4-bromofluorobenzene</i>			<i>107%</i>		<i>60.8-140%</i>	<i>"</i>					<i>"</i>	

<b>Matrix Spike Dup (6070277-MSD1)</b>												
QC Source: APG0074-07      Extracted: 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	"	9.95	---	1.00	"	"	ND	"	99.5% (75.8-121)	13.7% (11)	"	RP-2
1,1-Dichloroethene	"	9.80	---	1.00	"	"	ND	"	98.0% (63.8-137)	7.85% (14)	"	
Toluene	"	9.86	---	1.00	"	"	ND	"	98.6% (84.5-127)	17.7% (12)	"	RP-2
Trichloroethene	"	8.74	---	1.00	"	"	ND	"	87.4% (75.5-129)	13.2% (10)	"	RP-2
<i>Surrogate(s): Dibromofluoromethane</i>		<i>Recovery:</i>	<i>86.6%</i>	<i>Limits:</i>	<i>62.9-131%</i>	<i>"</i>					<i>07/26/06 14:18</i>	
<i>Toluene-d8</i>			<i>92.9%</i>		<i>58.7-133%</i>	<i>"</i>					<i>"</i>	
<i>4-bromofluorobenzene</i>			<i>105%</i>		<i>60.8-140%</i>	<i>"</i>					<i>"</i>	

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.*

  
 Jennifer L. Poppe, Chemist I



<b>Travis/Peterson Environmental Consulting, Inc. FBK</b> 329 2nd Street Fairbanks, ALASKA/USA 99701	Project Name: <b>Seekins</b> Project Number: 1197-02 Project Manager: Melissa Shippey	Report Created: 07/31/06 20:03
--	---	-----------------------------------

**Notes and Definitions**

Report Specific Notes:

- 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.
- RP-2 - The RPD exceeded the laboratory control limit.

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.





11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244  
 425-420-9200 FAX 420-9210  
 11922 E 1st Ave, Spokane, WA 99206-5302 FAX 924-9290  
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145 FAX 906-9200  
 20332 Empire Ave, Ste F1, Bend, OR 97701-5712 FAX 382-7588  
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 FAX 563-9200

# CHAIN OF CUSTODY REPORT

NCA CLIENT: TRAVIS PETERSON ENVIRONMENTAL  
 REPORT TO: MELISSA SHIPPEY  
 ADDRESS: 329 2ND STREET  
 FAIRBANKS, AK 99701  
 PHONE: 455-7225 FAX: 907-455-7228  
 PROJECT NAME: SEERKINS

Work Order #: **ARG 0074**  
 INVOICE TO: **SHAME**  
 P.O. NUMBER: **197-02**

PROJECT NUMBER: 197-02  
 SAMPLED BY: Melissa Shippey

**TURNAROUND REQUEST**  
 In Business Days \*  
 Organic & Inorganic Analyses: 1 2 3 4 5 6 7 8 9 10 11 12  
 Petroleum Hydrocarbon Analyses: 1 2 3 4 5 6 7 8 9 10 11 12  
 LEVEL 1 DATA  
 OTHER:  STANDARD  SURFACE WATER

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES				MATRIX (W, S, O)	# OF CONT.	LOCATION / COMMENTS	NCA WO ID
		AK101	AK102	AK103	AK104				
1 MW-1	07/17/06 1120	X	X	X	X	W	8		
2 MW-3	07/17/06 1205	X	X	X	X	W	8		
3 CUP-3	07/17/06 1250	X	X	X	X	W	8		
4 MW-7C	07/17/06 220	X	X	X	X	W	8		
5 MW-7C	07/17/06 240	X	X	X	X	W	8		
6 TRIP BLANK	07/17/06 1500	X	X	X	X	W	3		
7 MW-4	7/18/06 1430	X	X	X	X	W	8		
8									
9									
10									

RELEASED BY: *Melissa Shippey*  
 PRINT NAME: MELISSA SHIPPEY  
 FIRM: TPECI  
 DATE: 7/18/06  
 TIME: 1530  
 RECEIVED BY: *Johanna Picher*  
 PRINT NAME: Johanna Picher  
 FIRM: TA-AK  
 DATE: 7/19/06  
 TIME: 1305

ADDITIONAL REMARKS:  
 COC REV 09/04

TEMP: 51

# Test America Cooler Receipt Form

(Army Corps. Compliant)

WORK ORDER # ATG0074 CLIENT: Travis Peterson PROJECT: Seekins

Date/Time Cooler Arrived 07/19/06 13:05 Cooler signed for by: Johanna Dreher  
(Print name)

## Preliminary Examination Phase:

Date cooler opened:  same as date received or        /        /       

Cooler opened by (print) Johanna Dreher (sign) Johanna Dreher

1. Delivered by  ALASKA AIRLINES  Fed-Ex  UPS  NAC  LYNDEN  CLIENT  Other: \_\_\_\_\_

Shipment Tracking # if applicable 2191301 (include copy of shipping papers in file)

2. Number of Custody Seals 2 Signed by Melissa Shippey Date 7/18/06

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

6. Was ice used?  Yes  No Type of ice:  blue ice  gel ice  real ice  dry ice Condition of Ice: Solid

Temperature by Digi-Thermo Probe 3.1 °C Thermometer # rec. 3

7. Packing in Cooler:  bubble wrap  styrofoam  cardboard  Other: \_\_\_\_\_

8. Did samples arrive in plastic bags?  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?  Yes  No

12. Are the containers and preservatives correct for the tests indicated?  Yes  No

13. Is there adequate volume for the tests requested?  Yes  No

14. Were VOA vials free of bubbles?  N/A  Yes  No

If "NO" which containers contained "head space" or bubbles? \_\_\_\_\_

## Log-in Phase:

Date of sample log-in 07/20/06

Samples logged in by (print) Johanna Dreher (sign) Johanna Dreher

1. Was project identifiable from custody papers?  Yes  No

2. Do Turn Around Times and Due Dates agree?  Yes  No

3. Was the Project Manager notified of status?  Yes  No

4. Was the Lab notified of status?  Yes  No

5. Was the COC scanned and copied?  Yes  No