

Janice Wiegers
A D E C - Fairbanks
610 University Ave
Fairbanks, AK 99709

Work Order: 1128705
Goldmine Trail
Client: A D E C - Fairbanks
Report Date: January 04, 2013

Enclosed are the analytical results associated with the above work order. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. All work is provided under SGS general terms and conditions (http://www.sgs.com/terms_and_conditions.htm), unless other written agreements have been accepted by both parties.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & UST-005 (CS) for ADEC and 2944.01 for DOD ELAP/ISO 17025 (RCRA methods: 1020A, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035B, 6020, 7470A, 7471B, 8021B, 8082A, 8260B, 8270D, 8270D-SIM, 9040B, 9045C, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities.

The following descriptors or qualifiers may be found in your report:

*	The analyte has exceeded allowable regulatory or control limits.
!	Surrogate out of control limits.
B	Indicates the analyte is found in a blank associated with the sample.
CCV	Continuing Calibration Verification
CL	Control Limit
D	The analyte concentration is the result of a dilution.
DF	Dilution Factor
DL	Detection Limit (i.e., maximum method detection limit)
E	The analyte result is above the calibrated range.
F	Indicates value that is greater than or equal to the DL
GT	Greater Than
ICV	Initial Calibration Verification
J	The quantitation is an estimation.
JL	The analyte was positively identified, but the quantitation is a low estimation.
LCS(D)	Laboratory Control Spike (Duplicate)
LOD	Limit of Detection (i.e., 2xDL)
LOQ	Limit of Quantitation (i.e., reporting or practical quantitation limit)
LT	Less Than
M	A matrix effect was present.
MB	Method Blank
MS(D)	Matrix Spike (Duplicate)
ND	Indicates the analyte is not detected.
Q	QC parameter out of acceptance range.
R	Rejected
RPD	Relative Percent Difference
U	Indicates the analyte was analyzed for but not detected.

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.
All DRO/RRO analyses are integrated per SOP.



SGS Ref.# 1128705001
Client Name A D E C - Fairbanks
Project Name/# Goldmine Trail
Client Sample ID 827 Goldmine Trail
Matrix Drinking Water

Printed Date/Time 01/04/2013 16:14
Collected Date/Time 12/19/2012 17:45
Received Date/Time 12/21/2012 16:24
Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Volatile Fuels Department</u>									
Gasoline Range Organics	ND	0.100	mg/L	AK101	C		12/26/12	12/26/12	EAB
Surrogates									
4-Bromofluorobenzene <surr>	98.6		%	AK101	C	50-150	12/26/12	12/26/12	EAB
<u>Semivolatile Organic Fuels Department</u>									
Diesel Range Organics	ND	0.600	mg/L	AK102	A		12/28/12	01/03/13	EAB
Surrogates									
5a Androstane <surr>	76.2		%	AK102	A	50-150	12/28/12	01/03/13	EAB
<u>Volatile Gas Chromatography/Mass Spectroscopy</u>									
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1,1-Trichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<200)	12/28/12	12/28/12	JDH
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1,2-Trichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,1-Dichloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<7)	12/28/12	12/28/12	JDH
1,1-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,3-Trichlorobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,3-Trichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,4-Trichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<70)	12/28/12	12/28/12	JDH
1,2,4-Trimethylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dibromo-3-chloropropane	ND	2.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dibromoethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<600)	12/28/12	12/28/12	JDH



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Technical Director Stephen C. Ede

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Volatile Gas Chromatography/Mass Spectroscopy</u>									
1,2-Dichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,2-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,3,5-Trimethylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,3-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,3-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,4-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<75)	12/28/12	12/28/12	JDH
2,2-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
2-Chlorotoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
4-Chlorotoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
4-Isopropyltoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Benzene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Bromobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromochloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromodichloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromoform	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromomethane	ND	2.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Carbon tetrachloride	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Chlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
Chloroethane	ND	1.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Chloroform	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Chloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
cis-1,2-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<70)	12/28/12	12/28/12	JDH
cis-1,3-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dibromochloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dibromomethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dichlorodifluoromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Ethylbenzene	ND	0.500	ug/L	EPA 524.2	D	(<700)	12/28/12	12/28/12	JDH
Hexachlorobutadiene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Isopropylbenzene (Cumene)	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Methylene chloride	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH



SGS Ref.# 1128705001
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Received Date/Time 12/21/2012 16:24
Technical Director Stephen C. Ede

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Methyl-t-butyl ether	ND	1.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Naphthalene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
n-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
n-Propylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
o-Xylene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
P & M -Xylene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
sec-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Styrene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
tert-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Tetrachloroethene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Toluene	ND	0.500	ug/L	EPA 524.2	D	(<1000)	12/28/12	12/28/12	JDH
Total Trihalomethanes	ND	2.00	ug/L	EPA 524.2	D	(<80)	12/28/12	12/28/12	JDH
trans-1,2-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
trans-1,3-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Trichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Trichlorofluoromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Vinyl chloride	ND	0.400	ug/L	EPA 524.2	D	(<2)	12/28/12	12/28/12	JDH
Xylenes (total)	ND	1.00	ug/L	EPA 524.2	D	(<10000)	12/28/12	12/28/12	JDH
Surrogates									
1,2-Dichloroethane-D4 <surr>	102		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH
4-Bromofluorobenzene <surr>	95.4		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH
Toluene-d8 <surr>	98.8		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH



SGS Ref.# 1128705002
Client Name A D E C - Fairbanks
Project Name/# Goldmine Trail
Client Sample ID 798 Goldmine Trail
Matrix Drinking Water

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Technical Director Stephen C. Ede

Sample Remarks:

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Volatile Fuels Department</u>									
Gasoline Range Organics	ND	0.100	mg/L	AK101	C		12/26/12	12/26/12	EAB
Surrogates									
4-Bromofluorobenzene <surr>	99.3		%	AK101	C	50-150	12/26/12	12/26/12	EAB
<u>Semivolatile Organic Fuels Department</u>									
Diesel Range Organics	ND	0.600	mg/L	AK102	A		12/28/12	01/03/13	EAB
Surrogates									
5a Androstane <surr>	76.8		%	AK102	A	50-150	12/28/12	01/03/13	EAB
<u>Volatile Gas Chromatography/Mass Spectroscopy</u>									
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1,1-Trichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<200)	12/28/12	12/28/12	JDH
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1,2-Trichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,1-Dichloroethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,1-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<7)	12/28/12	12/28/12	JDH
1,1-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,3-Trichlorobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,3-Trichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2,4-Trichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<70)	12/28/12	12/28/12	JDH
1,2,4-Trimethylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dibromo-3-chloropropane	ND	2.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dibromoethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,2-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<600)	12/28/12	12/28/12	JDH



SGS Ref.# 1128705002
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Technical Director Stephen C. Ede

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
<u>Volatile Gas Chromatography/Mass Spectroscopy</u>									
1,2-Dichloroethane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,2-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
1,3,5-Trimethylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,3-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,3-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
1,4-Dichlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<75)	12/28/12	12/28/12	JDH
2,2-Dichloropropane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
2-Chlorotoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
4-Chlorotoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
4-Isopropyltoluene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Benzene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Bromobenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromochloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromodichloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromoform	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Bromomethane	ND	2.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Carbon tetrachloride	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Chlorobenzene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
Chloroethane	ND	1.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Chloroform	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Chloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
cis-1,2-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<70)	12/28/12	12/28/12	JDH
cis-1,3-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dibromochloromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dibromomethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Dichlorodifluoromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Ethylbenzene	ND	0.500	ug/L	EPA 524.2	D	(<700)	12/28/12	12/28/12	JDH
Hexachlorobutadiene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Isopropylbenzene (Cumene)	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Methylene chloride	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH



SGS Ref.# 1128705002
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Project Name/# Goldmine Trail
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Received Date/Time 12/21/2012 16:24
Technical Director Stephen C. Ede

Parameter	Results	LOQ	Units	Method	Container ID	Allowable Limits	Prep Date	Analysis Date	Init
Volatile Gas Chromatography/Mass Spectroscopy									
Methyl-t-butyl ether	ND	1.00	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Naphthalene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
n-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
n-Propylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
o-Xylene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
P & M -Xylene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
sec-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Styrene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
tert-Butylbenzene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Tetrachloroethene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Toluene	ND	0.500	ug/L	EPA 524.2	D	(<1000)	12/28/12	12/28/12	JDH
Total Trihalomethanes	ND	2.00	ug/L	EPA 524.2	D	(<80)	12/28/12	12/28/12	JDH
trans-1,2-Dichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<100)	12/28/12	12/28/12	JDH
trans-1,3-Dichloropropene	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Trichloroethene	ND	0.500	ug/L	EPA 524.2	D	(<5)	12/28/12	12/28/12	JDH
Trichlorofluoromethane	ND	0.500	ug/L	EPA 524.2	D		12/28/12	12/28/12	JDH
Vinyl chloride	ND	0.400	ug/L	EPA 524.2	D	(<2)	12/28/12	12/28/12	JDH
Xylenes (total)	ND	1.00	ug/L	EPA 524.2	D	(<10000)	12/28/12	12/28/12	JDH
Surrogates									
1,2-Dichloroethane-D4 <surr>	103		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH
4-Bromofluorobenzene <surr>	101		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH
Toluene-d8 <surr>	98.3		%	EPA 524.2	D	70-130	12/28/12	12/28/12	JDH



1 CLIENT: **ADEL** SGS Reference #: _____ page 1 of 1

CONTACT: **Janice Wiegors** PHONE NO: **451-2127**

PROJECT NAME: **Goldmine Trail** PROJECT/PWSID/PERMIT#:

REPORTS TO: **Janice Wiegors** EMAIL: **janice.wiegors@alaska.gov**

INVOICE TO: **Leid University Bar** QUOTE #:
PBIS, AK, 99709 P.O. #:

#	CONTAINERS	SAMPLE TYPE	C= COMP G= GRAB MI= Multi Incremental Samples	Preservatives Used	REMARKS/LOC ID
				Analysis Required	
				3	
				VOL - EPA 824	
				GRO - AL101	
				DRO - AL102	

RESERVED for lab use	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/MATRIX CODE
① A-H	827 Goldmine Trail	12/20/12	3:45-5:50	W 8 G
② A-H	798 Goldmine Trail	12/20/12	6:20-10:23	W 8 G
		19	AW	

5 Collected/Relinquished By: (1) **Janice Wiegors** Date **12/20/12** Time **10:00 AM** Received By: **[Signature]** **12-20-12**

Relinquished By: (2) **[Signature]** Date **12/20/12** Time **10:30 AM** Received By: **[Signature]**

Relinquished By: (3) **[Signature]** Date _____ Time _____ Received By: _____

Relinquished By: (4) **[Signature]** Date _____ Time _____ Received For Laboratory By: **[Signature]** **12/21/12**

4 DOD Project? YES NO Data Deliverable Requirements:

Cooler ID _____

Requested Turnaround Time and-or Special Instructions:
Samples labeled mistakenly as 12/20/12

Temperature Blank °C: **6.5°C** Chain of Custody Seal: (Circle) **INTACT** **BROKEN** **ABSENT**

(See attached Sample Receipt Form) (See attached Sample Receipt Form)



SAMPLE RECEIPT FORM

Review Criteria:	Condition:	Comments/Action Taken:
Were custody seals intact? Note # & location, if applicable. COC accompanied samples?	Yes No <u>N/A</u> <u>Yes</u> No N/A	
Temperature blank compliant* (i.e., 0-6°C after correction factor)? * Note: Exemption permitted for chilled samples collected less than 8 hours ago. Cooler ID: <u>1</u> @ <u>65</u> w/ Therm.ID: <u>200</u> Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Note: If non-compliant, use form FS-0029 to document affected samples/analyses. If samples are received <u>without</u> a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "COOLER TEMP" will be noted to the right. In cases where neither a temp blank <u>nor</u> cooler temp can be obtained, note "ambient" or "chilled." If temperature(s) <0°C, were all sample containers ice free?	Yes <u>No</u> N/A Yes No <u>N/A</u> Yes No <u>N/A</u>	Samples were chilled until delivery to SGS FBX. Proceed w/analysis. -JABP-
Delivery method (specify all that apply): USPS Alert Courier C&D Delivery <u>Client</u> AK Air Lynden Carlile ERA PenAir FedEx UPS NAC Other: → For WO# with airbills, was the WO# & airbill info recorded in the Front Counter eLog?	Note ABN/tracking # See Attached or N/A Yes No <u>N/A</u>	
→ For samples received with payment, note amount (\$) and cash / check / CC (circle one) or note: → For samples received in FBKS , ANCH staff will verify all criteria are reviewed.		SRF Initiated by: <u>JD</u> <u>N/A</u>
Were samples received within hold time? Note: Refer to form F-083 "Sample Guide" for hold time information. Do samples match COC* (i.e., sample IDs, dates/times collected)? * Note: Exemption permitted if times differ <1hr; in which case, use times on COC. Were analyses requested unambiguous?	<u>Yes</u> No N/A <u>Yes</u> No N/A <u>Yes</u> No N/A	
Were samples in good condition (no leaks/cracks/breakage)? Packing material used (specify all that apply): <u>Bubble Wrap</u> Separate plastic bags Vermiculite Other:	<u>Yes</u> No N/A	
Were all VOA vials free of headspace (i.e., bubbles ≤6 mm)? Were all soil VOAs field extracted with MeOH+BFB?	Yes <u>No</u> N/A Yes No <u>N/A</u>	<u>2H bubbles > 6mm - Limited Vol.</u>
Were proper containers (type/mass/volume/preservative*) used? * Note: Exemption permitted for waters to be analyzed for metals. Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with samples?	<u>Yes</u> No N/A Yes No <u>N/A</u>	client did not want TB w/samples.
For special handling (e.g., "MI" or foreign soils, lab filter, limited volume, Ref Lab), were bottles/paperwork flagged (e.g., sticker)?	Yes No <u>N/A</u>	
For preserved waters (other than VOA vials, LL-Mercury or microbiological analyses), was pH verified and compliant ? If pH was adjusted, were bottles flagged (i.e., stickers)?	<u>Yes</u> No N/A Yes No <u>N/A</u>	
For RUSH/SHORT Hold Time or site-specific QC (e.g., BMS/BMSD/BDUP) samples, were the COC & bottles flagged (e.g., stickers) accordingly? For RUSH/SHORT HT, was email sent?	Yes No <u>N/A</u>	
For any question answered "No," has the PM been notified and the problem resolved (or paperwork put in their bin)?	Yes No <u>N/A</u>	SRF Completed by: <u>AW</u> PM = <u>N/A</u>
Was PEER REVIEW of sample numbering/labeling completed ?	Yes No <u>N/A</u>	Peer Reviewed by: <u>N/A</u>

Additional notes (if applicable):

*Sample bottles dated 12-20-12. Samples taken 12-19-12, per client. -JABP-

Note to Client: Any "no" circled above indicates non-compliance with standard procedures and may impact data quality.





1128705



SAMPLE RECEIPT FORM FOR TRANSFERS

Note: This form is to be completed by Anchorage Sample Receiving staff for all shipments received at SGS-Anchorage from SGS-Fairbanks.

<p>Were samples received numbered with all criteria on Sample Receipt Form F0004 documented by Fairbanks Sample Receiving staff? If "No," Anchorage Sample Receiving staff must complete the receiving process & document pH verification, sample condition, etc. on the SRF initiated by Fairbanks staff (attached).</p>	<p>Yes <input type="radio"/> No <input checked="" type="radio"/> N/A</p>	<p>Use space below for additional notes...</p>
<p> </p>		
<p>Review Criteria: Were custody seals intact? Note # & location: COC accompanied samples?</p>	<p>Condition: Yes <input checked="" type="radio"/> No <input type="radio"/> N/A</p>	<p>Comments/Action Taken: OCTB</p>
<p>Temperature blank compliant (i.e., 0-6°C after correction factor)? Cooler ID: <u>1</u> @ <u>1.9</u> w/ Therm.ID: <u>203</u> Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ Cooler ID: _____ @ _____ w/ Therm.ID: _____ <i>Note: If non-compliant, use form FS-0029 to document affected samples/analyses.</i> If samples are received <u>without</u> a temperature blank, the "cooler temperature" will be documented in lieu of the temperature blank & "COOLER TEMP" will be noted to the right. In cases where neither a temp blank <u>nor</u> cooler temp can be obtained, note "ambient" or "chilled." If temperature(s) <0°C, were all containers ice free?</p>	<p>Yes <input checked="" type="radio"/> No <input type="radio"/> N/A</p>	<p> </p>
<p>Delivery method: <u>Lynden</u> <u>ANW 12/2/12</u> Other: <u>Alert & AK air</u></p>	<p>Yes <input type="radio"/> No <input type="radio"/> N/A <input checked="" type="radio"/></p>	<p> </p>
<p>Completed by: <u>ANW</u></p>		

Shipper's Name and Address SGS North America Inc 200 W Potter Drive Anchorage, AK 99518 USA Tel: 9075622343		Shipper's Account Number 27400215947 Customer's ID Number 9069		Not Negotiable Air Waybill Issued By <div style="text-align: right;">  ALASKA AIRLINES & HORIZON AIR P.O. BOX 68900 SEATTLE, WA 98168 800-225-2752 ALASKACARGO.COM </div>					
Consignee's Name and Address SGS North America Inc 200 W Potter Drive Anchorage, AK 99518 USA Tel: 9075622343		Consignee's Account Number 27400215947		Also notify 12/21 alert Tel:					
Issuing Carrier's Agent and City Fairbanks		Accounting Information SGS North America Inc 200 W Potter Drive Anchorage, AK 99518 USA GoldStreak		9069 <h1 style="margin: 0;">1128705</h1> 					
Agent's IATA Code Airport of Departure (Addr. of First Carrier) and Requested Routing Fairbanks		Account No. Flight/Date AS 184/21		Currency USD PX X X Declared Value For Carriage NVD Declared Value For Customs NCV					
Airport of Destination Anchorage		Flight/Date AS 184/21		Amount of Insurance XXX					
Handling Information NOA 907-562-2345 <div style="text-align: right;">SCI</div>									
No of Pieces	Gross Weight	kg	lb	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Incl. Dimensions or Volume)	
1	33.0	L	N		33.0		AS AGREED	SAMPLES Dims: 13 x 15 x24 x 1	
1	33.0						AS AGREED	GSX Volume: 2.708	
Prepaid Weight Charge AS AGREED		Collect Other Charges MYC 5.94 SCC 2.00		Valuation Charge Tax Total Other Charges Due Agent Total Other Charges Due Carrier Total Prepaid AS AGREED				Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent to the inspection of this cargo. For: SGS North America Inc Signature of Shipper or his Agent <div style="text-align: right;"> <input checked="" type="checkbox"/> THIS SHIPMENT DOES NOT CONTAIN DANGEROUS GOODS <input type="checkbox"/> THIS SHIPMENT DOES CONTAIN DANGEROUS GOODS </div>	
Total Prepaid AS AGREED		Total Collect 21 Dec 2012 10:53		at (Place) Fairbanks		Signature of Issuing Carrier or its Agent Alaska Airlines 027-8627 8500			

Alert Expeditors Inc.
DBA/Petroleum Courier Service

333847

Citywide Delivery
272-0349 • 440-3351
8421 Flamingo Drive • Anchorage, Alaska 99502

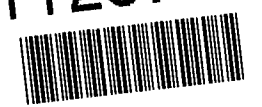
Date 12-21

From SGS TAI

To SGS ANC

Collect Prepay
Account Advance Charges

Job # _____ PO# _____

	ESX
1 COOLER	
027-8622	
1128705	
	

Shipped Signature _____

Received By: *[Signature]* Total Charge 11639