# COMPLETE PFAS SAMPLING RESULTS

						Pub	lic Wa	ater Syst	em Sou	urce b	y Com	mun	ity			
Contaminan of Concern	A 1 1 H ( '	Am	bler	Buckland	Deering	Ki	ana	Kivalina	Kobuk	Kotz	ebue	Noa	ıtak	Noorvik	Selawik	Shungnak
(ng/L)	Action Levels	2002 Well	1982 Well	Buckland River	Inmachuk River	Upper Well		Wulik River	Main Well	Devils Lake	Vortac Lake	Well #5	Well #6	Kobuk River	Selawik River	Kobuk River
PFOA	Combination of the analytes	0.31	0.36	ND	ND	ND	ND	ND	0.32	ND	ND	ND	ND	0.23	0.41	ND
PFOS	should not exceed 70 ng/L	ND	ND	ND	ND	ND	ND	ND	0.29	ND	ND	ND	ND	ND	0.43	ND
PFHpA		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFNA	No	ND	ND	ND	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PFHxS	Action Levels	0.34	0.39	ND	ND	ND	ND	ND	ND	5.43	ND	ND	ND	ND	ND	ND
PFBS		0.27	0.28	ND	0.38	ND	ND	ND	ND	ND	3.82	ND	ND	ND	ND	ND

### Detectable Concentration

#### ND = Not Detected

Results are "Not Detected" when the concentration is lower than the Detection Limit.

#### **Meansurement Equivalents**

1 ng/L = 1 ppt

One nanogram per liter equals one part per trillion

#### **Contaminants Name and Acronym**

Perfluorooctanoic Acid (PFOA)

Perfluorooctane Sulfonate (PFOS)

Perfluoroheptanoic Acid (PFHpA)

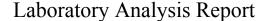
Perfluorononanoic Acid (PFNA)

Perfluorohexane Sulfonate (PFHxS)

Perfluorobutane Sulfonate (PFBS)

Presented are the complete PFAS sampling results from each public water system source in the Northwest Arctic Borough (2019). The Department of Environmental Conservation (ADEC) recommends drinking water samples check for 6 different PFAS contaminants. On the left are all six of the PFAS contaminant acronyms that were analyzed. The second table column shows the ADEC Action Levels which mirror the EPA Health Advisory Limit of 70 ng/L for the sum of PFOA and PFOS concentrations (PFOA and PFOS results are outlined red in the table). 11 communities were investigated and 15 different water sources were sampled.

According to ADEC's current health guidelines, all public water system sources in the Northwest Arctic Borough have safe PFAS levels.





Generic Maniilag Association

**Work Order:** 1195219

Kotzebue

Client: Maniilaq Association

**Report Date:** September 23, 2019

Enclosed are the analytical results associated with the above work order. The results apply to the samples as received. 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. This document is issued by the Company under its General Conditions of Service accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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) & 17-021 (CS) for ADEC and 2944.01 for DOD ELAP/ISO 17025 (RCRA methods: 1020B, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035A, 6020A, 7470A, 7471B, 8015C, 8021B, 8082A, 8260C, 8270D, 8270D-SIM, 9040C, 9045D, 9056A, 9060A, AK101 and AK102/103). SGS is only certified for the analytes listed on our Drinking Water Certification, and only those analytes will be reported to the State of Alaska for compliance. 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/CVA/CVB Continuing Calibration Verification

CCCV/CVC/CVCA/CVCB Closing Continuing Calibration Verification

CL Control Limit

DF Analytical Dilution Factor

DL Detection Limit (i.e., maximum method detection limit)

E The analyte result is above the calibrated range.

GT Greater Than

ICV Initial Calibration Verification

J The quantitation is an estimation.

LCS(D) Laboratory Control Spike (Duplicate)

LLQC/LLIQC Low Level Quantitation Check

LOD Limit of Detection (i.e., 1/2 of the LOQ)
LOQ Limit of Quantitation (i.e., reporting or practical quantitation limit)

LT Less Than MB Method Blank

MS(D) Matrix Spike (Duplicate)

ND Indicates the analyte is not detected.
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 North America Inc. HAIN OF CUSTODY RECORD

specific method and/or compound list: BTEX, REMARKS/LOC ID Data Deliverable Requirements: Chain of Custody Seal: (Circle) NTACT BROKEN ABSENT Page \_\_\_\_of\_\_\_ analyses require Please report PFOS, PFOA, PFNA, PFHxS, PFHpA, and PFBS. The following Metals, PFAS Delivery Method: Hand Delivery[ ] Commerical Delivery 🔏 NOTE: www.us.sgs.com Requested Turnaround Time and/or Special Instructions: . out. Omissions may delay the onset of analysis. Temp Blank °C: 4/2 030 DOD Project? Yes No Instructions: Sections 1 - 5 must be ... Preservative or Ambient [ ] Analysis' Section 4 Cooler ID: £PA 537 - PFAS\* Comp ع Grap Grab MI (Multi-incre-mental) Received For Laboratory By: Section 3 NON o Z PPRINT#: 362369 NEW 9/8/19 E-MAIL: Speterson & zenders Received By: Received By: 07/04/1 1:28 on Water Received By Water MATHIX MATRIX CODE 907 854 050S 2:38 Vortac Lake 0TZ 09/04/19 1:20 pm HH:MM Date Time 9.25 TIME **Time** Sheridan 9/4/19 DATE mm/dd/yy Zender Environmental PHONE #: QUOTE #: Profile #: P.O. #: Devils Lake 072 SAMPLE IDENTIFICATION Relinquished By: (1) (Lett) Lis Sean Peterson Section PROJECT Section 1 Charlotte Relinquished By: (2) Relinquished By: (3) Relinquished By: (4) REPORTS TO: INVOICE TO: RESERVED for lab use CONTACT: CLIENT: 3 3 Section 2 Section 5

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	SGS North America Inc.	200 W. Potter Dr.,	Anchorage, AK 99518 (pn)

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					Be sure to ask if client will ship by ground (DOT) or air carrier (IAT.	will ship by ground	(DOT) or air ca	arrier (IAT,
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Ordered By:	Sean Peterson	Phone #:			Airbill Number:			
Email:	īs	speterson@zendergroup.org			Date to ship by: 8/22/2019	1/22/2019		
Project Name:	Kotzebue	Project/Permit#:			Notes:			
Quote #:		Profile #:			Kit request taken by:	JAN	Date:	August 1
	Ko	Kotzebue, Alaska (OTZ)			Kit prepared by:	1.1	Date:	55/25
Delivery Address:	0/0	c/o Zender Environmental		Kit (including lid tightne	Kit (including lid tightness for pres'd bottles) checked by:	A.L	Date:	
	attu: Sea	attn: Sean Peterson (907) 854-0505			Kit packed & shipped by:	dist	Date:	7

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	Total	Bottles	9									e in container.		ate/time of col
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	Hold	Time	14 d									e aware of any a	overfill (except vo	our sample ID a
	Preservative	Lot#		3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						Attention Client/Sampler:		1. Do not rinse container; be aware of any acid preservative in container.	2. Fill container, but do not overfill (except volatile waters).	3. Label the container with your sample ID as well as the date/time of collection.
		Bottle Lot #												
		Pres.	Trizma							S				r Kit Prep:
- 1		ize & Type	Teflon Free HDPE							☐ Total # includes bottles for % Solids	☐ Track all Lot#? (Required for DOD)			Other Notes/Reminders for Kit Prep:
Required Items		Container Size &	2 x 250 mL							☐ Total # includes	☐ Track all Lot#?	□ Foreign Soil		Other Note
SKIT_Zender Environmental_Kotzebue_2019-08-19 *Required Items		Analysis	EPA 537 - PFAS							Pack for Shipping via ground (DOT)	Pack for Shipping via air carrier (IATA)	Temperature Blank (circle one: 120-ml OR 500-ml) ☐ Foreign Soil	Lot#:	k - Lot#:
Filename: SKIT_Z		Matrix	DW							or Shipping via	or Shipping via	rature Blank (	Soil VOA Trip Blank - Lot#:	Water VOA Trip Blank - Lot#:
4	No.	Samples Matrix	ო							□ Pack fc	Pack fc	Tempe     Tempe	□ Soil VC	□ Water

Other Notes/Reminders for Kit Prep:

Low Level Mercury Trip Blank- Lot#:

Coolers Gel Ice Labels

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Water VOA Trip Blank - Lot#: 524 VOA Trip Blank - Lot#:

confirmation to the client email and save the form to the network. This should not be \*This will email a copy of this form for

COC initiated by PM (attached)

SGS COCs - Circle reg'd forma ☐ Blank COC ☐ DW COC ☐ COC initiated by PM (atta Send additional instructions/documents (Note to PM: Be sure to attach copy of requested form.)

**Custody Seals** 

**Bubble Wrap** 

Charges may be invoiced for bottles which are unused or improperly used.

If you have any questions concerning this sample kit, please contact your Project Manager for assistance. Thank you.

5. Add frozen gel packs or ice to your cooler & pack to prevent breakage.

4. Fill out the Chain of Custody.

used outside of SGS.

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## Alert Expeditors Inc.

**#396748** 

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

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e-Sample Receipt Form

SGS Workorder #:

1195219



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Were Custody Seals intact? Note # & lo		2 Box					
COC accompanied sai		_					
DOD: Were samples received in COC corresponding co	oolers? N/A	<b>A</b>					
N/A **Exemption permitted if of	chilled & col	ected <8 ho	urs ago, or fo	or samples wh	nere chilling is	s not required	t
Temperature blank compliant* (i.e., 0-6 °C after		_				°C Therm. II	
romporataro siariit compilarit (iio., o o o aito	. 0. ).	_					
	. –	Cooler ID			@	°C Therm. I	
If samples received without a temperature blank, the "cooler temperature" will documented instead & "COOLER TEMP" will be noted to the right. "ambient" or "chi		Cooler ID		(	@	°C Therm. II	D:
be noted if neither is available.	ilea wiii	Cooler ID		(	@	°C Therm. II	D:
		Cooler ID		(	@	°C Therm. II	D:
*If >6°C, were samples collected <8 hours	2002 NU					9	
11 >0 0, were samples collected <0 floats	ago:	<u> </u>					
If <0°C, were sample containers ice	free? N/A	1					
	<u></u>	1					
Note: Identify containers received at non-compliant tempera	atura						
Use form FS-0029 if more space is no							
000 1011111 0 0020 11 111010 00400 10 110	oucu.						
Holding Time / Documentation / Sample Condition Re	quirement	Note: Refer	to form F-083	"Sample Guide'	for specific hol	lding times.	
Were samples received within holding				·	·		
Do samples match COC** (i.e.,sample IDs,dates/times colle	cted)?	5					
**Note: If times differ <1hr, record details & login per CC	OC	Ī					
***Note: If sample information on containers differs from COC, SGS will default to C	OC information	on					
Were analytical requests clear? (i.e., method is specified for an							
were analytical requests clear? (i.e., method is specified for analytical with multiple option for analysis (Ex: BTEX, N		4					
with multiple option for analysis (Ex. BTEA, iv	netais)						
		1	V/A ***Exem	nption permitte	ed for metals	(e.g,200.8/6	020A).
Were proper containers (type/mass/volume/preservative***)	used? Ye	3					
Volatile / LL-Hg Requ	uiromont						
Were Trip Blanks (i.e., VOAs, LL-Hg) in cooler with sam		=1					
Were all water VOA vials free of headspace (i.e., bubbles ≤ 6	6mm)? N/A	1					
Were all soil VOAs field extracted with MeOH+	BFB? N/A	N .					
Note to Client: Any "No", answer above indicates nor	n-compliance	with standa	rd procedure	es and may in	nnact data du	ality	
The second state of the se	. 30рпано	otariac	p. 5000an	and may m			
Additional	I notes (if	<u>applicable</u>	):				



#### **Sample Containers and Preservatives**

Container Id	<u>Preservative</u>	<u>Container</u> <u>Condition</u>	Container Id	<u>Preservative</u>	<u>Container</u> <u>Condition</u>
1195219001-A	Trizma	ОК			
1195219001-B	Trizma	OK			
1195219001-C	Trizma	OK			
1195219002-A	Trizma	OK			
1195219002-B	Trizma	OK			
1195219002-C	Trizma	OK			

#### **Container Condition Glossary**

Containers for bacteriological, low level mercury and VOA vials are not opened prior to analysis and will be assigned condition code OK unless evidence indicates than an inappropriate container was submitted.

- OK The container was received at an acceptable pH for the analysis requested.
- BU The container was received with headspace greater than 6mm.
- DM The container was received damaged.
- FR The container was received frozen and not usable for Bacteria or BOD analyses.
- IC The container provided for microbiology analysis was not a laboratory-supplied, pre-sterilized container and therefore was not suitable for analysis.
- NC- The container provided was not preserved or was under-preserved. The method does not allow for additional preservative added after collection.
- PA The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt and the container is now at the correct pH. See the Sample Receipt Form for details on the amount and lot # of the preservative added.
- PH The container was received outside of the acceptable pH for the analysis requested. Preservative was added upon receipt, but was insufficient to bring the container to the correct pH for the analysis requested. See the Sample Receipt Form for details on the amount and lot # of the preservative added. QN Insufficient sample quantity provided.





# FINAL LAB REPORT 1195219

31901569-R1

26-Sep-2019

Prepared by

#### **SGS NORTH AMERICA**

Prepared for

#### SGS North America Inc.

Julie Shumway

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Email: julie.shumway@sgs.com

This report is approved by

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Tamara Burkamper

tamara.morgan@sgs.com

Senior Project Manager

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Results reported relate only to the items tested.



#### **SGS CERTIFICATIONS**

Alaska	17-012
Arkansas	18-042-0
California (ELAP)	ELAP Cert #2914
CLIA	34D1013708
Connecticut	PH-0258
USDA Soil Permit	P330-17-00055
American Association for Laboratory Accreditation (A2LA)	2726.01 (ISO 17025:2005, 2009 TNI, DoD ELAP QSM 5.1)
Florida DOH	E87634
Louisiana DEQ	4115
Louisiana DOH	LA031
Maine	2018018
Massachusetts	M-NC919
Minnesota (Primary NELAP For Method 23)	1535636
Mississippi	Reciprocity
Montana	0106
New Hampshire	208318 & 208518
New Jersey	NC100
New York	11685
North Carolina DEQ	481
North Dakota	R-197
Oregon	NC200002
Pennsylvania	68-03675
South Carolina	99029002
Texas	T104704260
US Coast Guard	16714/159.317/SGS
Vermont	VT-87634
Virginia	10101
Washington	C913
West Virginia	293
Dev. 00 Mer 2010	

Rev. 06-Mar-2019



#### **Laboratory Qualifiers**

#### **Report Definitions**

DL Method, Instrument, or Estimated Detection Limit per Analytical Method

CL Control Limits for the recovery result of a parameter

LOQ Reporting Limit
DF Dilution Factor

RPD Relative Percent Difference

LCS(D) Laboratory Control Spike (Duplicate)

MS(D) Matrix Spike (Duplicate)

MB Method Blank

#### **Qualifier Definitions**

\* Recovery or RPD outside of control limits

B Analyte was detected in the Lab Method Blank at a level above the LOQ

U Undetected (Reported as ND or < DL)

J Estimated Concentration.

E Amount detected is greater than the Upper Calibration Limit

TIC Tentatively Identified Compound

ND Not Detected

P RPD > 40% between results of dual columns

D Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration

range

Samples requiring manual integrations for various congeners and/or standards are marked and dated by the analyst. A code definition is provided below:

M1 Mis-identified peak

M2 Software did not integrate peak

M3 Incorrect baseline construction (i.e. not all of peak included; two peaks integrated as one)
M4 Pattern integration required (i.e. DRO, GRO, PCB, Toxaphene and Technical Chlordane)

M5 Other - Explained in case narrative

Note Results pages that include a value for "Solids (%)" have been adjusted for moisture content.



Vortac Lake OTZ

# Sample Summary Client Sample ID Lab Sample ID Collected Received Matrix Devils Lake OTZ 31901569001 09/04/2019 13:28 09/10/2019 10:15 Drinking Water

09/04/2019 13:20

31901569002

Print Date: 09/26/2019 N.C. Certification # 481

Drinking Water

09/10/2019 10:15



#### **Case Narrative**

#### LCS for HBN 147128 [HXX/2409]

Recovery of PFBS is marginally low at 65.7%. Associated samples were not re-prepped due to expired hold times.

#### Devils Lake OTZ (230200MS and 230200MSD)

The reported concentration of PFBS and PFHxS is below criteria; precision criteria is met.

09/26/2019: this SDG has been updated to include results for PFNA, PFHxS, PFHpA, PFBS



#### **Detectable Results Summary**

Client Sample ID: Devils Lake OTZ Lab Sample ID: 31901569001-A Parameter Result <u>Units</u> Qualifier PFHxS EPA 537 v1.1 5.43 ng/L Client Sample ID: Vortac Lake OTZ Lab Sample ID: 31901569002-A Qualifier <u>Parameter</u> Result <u>Units</u> PFBS ng/L EPA 537 v1.1 3.82



#### **Parameter Cross Reference**

#### **SURROGATE**

PARAMETER CASNO FULL NAME

13C2-PFHxA 13CPFHXA 13C2-Perfluoro-n-hexanoic Acid 13C2-PFDA 13CPFDA 13C2-PerFluorodecanoic Acid

d5-NEtFOSAA 1265205-97-7 d5-N-ethyl-perfluoro-1-octanesulfonamidoacetic

#### **REGULAR**

<u>PARAMETER</u>	<u>CASNO</u>	<u>FULL NAME</u>
PFHpA	375-85-9	Perfluoro-n-heptanoic Acid
PFOA	335-67-1	Perfluoro-n-octanoic Acid
PFNA	375-95-1	Perfluoro-n-nonanoic Acid
PFBS	375-73-5	Perfluorobutanesulfonoic Acid
PFHxS	355-46-4	Perfluorohexanesulfonic Acid
PFOS	1763-23-1	Perfluorooctanesulfonic Acid



#### Results of Devils Lake OTZ

Client Sample ID: Devils Lake OTZ

Client Project ID: **1195219**Lab Sample ID: 31901569001-A
Lab Project ID: 31901569

Collection Date: 09/04/2019 13:28 Received Date: 09/10/2019 10:15

Matrix: Drinking Water

Solids (%):

#### Results by EPA 537 v1.1

<u>Parameter</u>	Result	Qual	LOQ/CL	<u>Units</u>	<u>DF</u>	Date Analyzed
PFHpA	ND		1.92	ng/L	1	09/19/2019 23:22
PFOA	ND		1.92	ng/L	1	09/19/2019 23:22
PFNA	ND		1.92	ng/L	1	09/19/2019 23:22
PFBS	ND		1.92	ng/L	1	09/19/2019 23:22
PFHxS	5.43		1.92	ng/L	1	09/19/2019 23:22
PFOS	ND		1.92	ng/L	1	09/19/2019 23:22
Surrogates						
13C2-PFHxA	77.2		70.0-130	%	1	09/19/2019 23:22
13C2-PFDA	90.2		70.0-130	%	1	09/19/2019 23:22
d5-NEtFOSAA	78.8		70.0-130	%	1	09/19/2019 23:22

#### **Batch Information**

Analytical Batch: XLC1390

Analytical Method: EPA 537 v1.1

Instrument: TQS2
Analyst: FNS

Prep Batch: HXX2409

Prep Method: EPA 537 v1.1 Prep
Prep Date/Time: 09/11/2019 11:37
Prep Initial Wt./Vol.: 260 mL
Prep Extract Vol: 1 mL



#### Results of Vortac Lake OTZ

Client Sample ID: Vortac Lake OTZ

Client Project ID: **1195219**Lab Sample ID: 31901569002-A
Lab Project ID: 31901569

Collection Date: 09/04/2019 13:20 Received Date: 09/10/2019 10:15

Matrix: Drinking Water

Solids (%):

#### Results by EPA 537 v1.1

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	LOQ/CL	<u>Units</u>	<u>DF</u>	Date Analyzed
PFHpA	ND		1.89	ng/L	1	09/20/2019 0:23
PFOA	ND		1.89	ng/L	1	09/20/2019 0:23
PFNA	ND		1.89	ng/L	1	09/20/2019 0:23
PFBS	3.82		1.89	ng/L	1	09/20/2019 0:23
PFHxS	ND		1.89	ng/L	1	09/20/2019 0:23
PFOS	ND		1.89	ng/L	1	09/20/2019 0:23
Surrogates						
13C2-PFHxA	75.7		70.0-130	%	1	09/20/2019 0:23
13C2-PFDA	89.4		70.0-130	%	1	09/20/2019 0:23
d5-NEtFOSAA	75.5		70.0-130	%	1	09/20/2019 0:23

#### **Batch Information**

Analytical Batch: XLC1390

Analytical Method: EPA 537 v1.1

Instrument: TQS2
Analyst: FNS

Prep Batch: HXX2409

Prep Method: EPA 537 v1.1 Prep
Prep Date/Time: 09/11/2019 11:37
Prep Initial Wt./Vol.: 265 mL
Prep Extract Vol: 1 mL

# SGS North America Inc. CHAIN OF CUSTODY RECORD



#### Locations Nationwide

Alaska

Florida

New Jersey

Colorado

Texas Virginia North Carolina Louisiana

www.us.sgs.com

CLIENT:	SGS North Ame	erica Inc Alas	ka Division				nce: 3K				GS		t unloss	Page 1 of 1
CONTACT:	Julie Shumway	PHONE NO:	(907) 56	2-2343	Addi	-	_	nts: A	li soils	repo	rt out	in dry weigh	t uniess	
PROJECT NAME:	1195219	PWSID#: NPDL#:			# C	Preserv- ative Used:	TiUMA							
REPORTS TO:	: Julie Shumway		Julie.Shumwa RefLabTeam@		N T	TYPE C = COMP G =	PFOS							
INVOICE TO:	SGS - Alaska	QUOTE #: P.O. #:	1195		A I N	GRAB MI = Multi	PFOA							
RESERVED for lab use	SAMPLE IDENTIFICATION	DATE mm/dd/yy	TIME HHMM	MATRIX/ MATRIX CODE	E R S	mental Soils	EPA 537			MS	MSD	SGS lab #		Location ID
	Devils Lake OTZ	09/04/2019	13:28:00	DW	3	GRA	X					1195219001 1195219002		
	Vortac Lake OTZ	09/04/2019	13:20:00	DW	3	GRA	Х					1193213002		
Relinquished By: (1)  Date  Time  Received		Received	d By:				DOD Project? NO				Data Deliv	erable Requirements:		
								Re If J-	Report to DL (J Flags)? If J- Report as DL/LOD/LOQ.					Level I
Relinquished By: (2)		Date	Time	Received	ved By:				Cooler ID: Requested Turnaround Time and-or Special Instruction					ecial Instructions:
Relinquished By: (3)		Date	Time	Received	ed By:				Temp Blank °C:					Custody Seal: (Circle)
Relinquished By: (4)		Date Office	Time	Received	eived For Laboratory By:			9	or Ambient [ ]				INTACT	BROKEN ABSENT

[X 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5801

[ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

# SGS North America Inc.

## Sample Receipt Checklist (SRC)

Client	SGS-NA-AK	Work	Order No.:	31901569	
Client:		Notes:	UPS Next Day A	Air	
1.	x Shipped Hand Delivered		1z A86 19W 01	6767 8178	
2.	x COC Present on Receipt				
	No COC Additional Transmittal Forms				
3.	x Custody Tape on Container No Custody Tape				
4.	x Samples Intact Samples Broken / Leaking				
5.	x Chilled on Receipt Actual Temp.(s) in °C	: 1.0	Theri	mometer ID#: IR4-	Probe
	Ambient on Receipt Walk-in on Ice; Coming down to temp.				
	<ul><li>Temperature Blank Present</li><li>WV samples-proxy not allowed</li></ul>				
6.	x Sufficient Sample Submitted Insufficient Sample Submitted				
7.	Chlorine absent HNO3 < 2				
	HCL < 2 X Additional Preservatives verified (see notes)	Trizma			
8.	<ul><li>x Received Within Holding Time</li><li>Not Received Within Holding Time</li></ul>				
9.	<ul> <li>X No Discrepancies Noted</li> <li>Discrepancies Noted</li> <li>NCDENR notified of Discrepancies*</li> </ul>				
40		N/A			
10.	Headspace present in VOC vials >6mm				
Comments:					
	To a	nooted are	I Logged in by: All	MO	
	ins	pecieu and	I Logged in by: <u>Al</u> Date:	9/10/2019	