



Admiralty
ENVIRONMENTAL

641 W. Willoughby Ave., Suite 301 Juneau, AK 99801 (907) 463-4415

Mr. Paul Berry
Gustavus Disposal and Recycling Center
PO Box 1
Gustavus, AK 99826

November 18, 2021

City of Gustavus Disposal and Recycling Center Compliance Sampling

Date of Collection: November 5, 2021

Sampling Location: Gustavus, Alaska

Summary

Two samples from the City of Gustavus were received at Admiralty Environmental, Juneau, AK on November 8, 2021.

The samples were analyzed for conductivity. Samples were forwarded to Microbac Laboratories Inc., Merrillville, IN for analysis of total metals, mercury, and hardness. Sample bottles for the analysis of COD (chemical oxygen demand) were received frozen and rejected upon laboratory receipt. All other laboratory acceptance criteria were met for all samples.

A complete report of the final lab results is enclosed. The official laboratory report follows this letter, and includes the analytical results, case narrative, chain of custody form, cooler receipt forms.

Kind Regards,

Diana Cote
Admiralty Environmental



641 W. Willoughby Ave., Suite 301 Juneau, AK 99801
 (907) 463 - 4415
 www.admiraltyenvironmental.com

Gustavus Disposal and Recycling Center

November 5, 2021

Gustavus, AK

Analytical Report

Admiralty Environmental EPA ID AK 00976

AE 27777

Sample Location	Monitor Well 6, MW6	Monitor Well 4, MW4
Date & Time Sampled	11/5/2021; 13:35	11/5/2021; 15:09
Conductivity (µs/cm)	520	351

Quality Control:

Analysis	MB	LCS	LCS Duplicate	RPD	Date/Time Commenced	Holding Time Met
EC	---	---	---	---	11/10/2021; 12:40	Yes

Analysis Description:

Analysis	Method	MDL	PQL	Unit
EC	SM 2510B	0.4	2.0	µs/cm

Case Narrative:

All sample analysis QA/QC parameters were met for this event.

Key:

LCS	Laboratory Control Standard
MB	Method Blank
MDL	Method Detection Limit
mg/L	Milligrams Per Liter
ND	Not Detected
EC	Electrical Conductivity
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference

David Wetzel
 President, Admiralty Environmental
 dwetzel@admiraltyenv.com



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Project Description

Gustavus Disposaland Recycling Center/AE 27777

For:

David Wetzel

Admiralty Environmental, LLC

641 W. Willoughby Ave, Suite 301

Juneau, AK 99801-

Carey Gadzala

Project Manager

Tuesday, November 16, 2021

Please find enclosed the analytical results for the samples you submitted to Microbac Laboratories. Review and compilation of your report was completed by Microbac Laboratories, Inc. - Chicagoland. If you have any questions, comments, or require further assistance regarding this report, please contact your service representative listed above.

I certify that all test results meet all of the requirements of the accrediting authority listed within this report. Analytical results are reported on a 'as received' basis unless specified otherwise. Analytical results for solids with units ending in (dry) are reported on a dry weight basis. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of Microbac Laboratories. The reported results are related only to the samples analyzed as received.

Microbac Laboratories, Inc.

250 West 84th Drive | Merrillville, IN 46410 | 219.769.8378 p | www.microbac.com



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Admiralty Environmental, LLC

David Wetzel
641 W. Willoughby Ave, Suite 301
Juneau, AK 99801-

Project Name: Gustavus Disposaland Recycling

Center/AE 27777
Project / PO Number: N/A
Received: 11/10/2021
Reported: 11/16/2021

Sample Summary Report

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Client Matrix</u>	<u>Sample Type</u>	<u>Sample Begin</u>	<u>Sample Taken</u>	<u>Lab Received</u>
Monitor Well 6,MW6	21K0697-01	Aqueous			11/05/21 13:35	11/10/21 09:55
Monitor Well 4,MW4	21K0697-02	Aqueous			11/05/21 15:09	11/10/21 09:55



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Analytical Testing Parameters

Client Sample ID:	Monitor Well 6, MW6	Collection Date:	11/05/2021 13:35
Sample Matrix:	Aqueous		
Lab Sample ID:	21K0697-01		

Inorganics Total	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SM 2340 B-2011								
Hardness Calcium/Magnesium (As CaCO3)	280	66	mg/L	20		11/11/21 1038	11/15/21 1525	RPL
Metals Total by CVAA	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SW-846 7470/EPA 245.1, Rv. 3 (1994)								
Mercury	<0.20	0.20	ppb	1		11/11/21 1203	11/12/21 1413	DMM
Metals Total by ICPMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
EPA 200.8, Rv. 5.4 (1994)								
Arsenic	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Barium	12	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Cadmium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Chromium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Copper	1.5	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Lead	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Manganese	1.7	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Nickel	1.1	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Selenium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL
Zinc	<2.0	2.0	ppb	1		11/11/21 1038	11/12/21 1252	RPL



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CERTIFICATE OF ANALYSIS

21K0697

Client Sample ID:	Monitor Well 4,MW4	Collection Date:	11/05/2021 15:09
Sample Matrix:	Aqueous		
Lab Sample ID:	21K0697-02		

Inorganics Total	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SM 2340 B-2011								
Hardness Calcium/Magnesium (As CaCO3)	180	66	mg/L	20		11/11/21 1038	11/15/21 1529	RPL
Metals Total by CVAA	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
SW-846 7470/EPA 245.1, Rv. 3 (1994)								
Mercury	<0.20	0.20	ppb	1		11/11/21 1203	11/12/21 1414	DMM
Metals Total by ICPMS	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
EPA 200.8, Rv. 5.4 (1994)								
Arsenic	8.2	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Barium	26	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Cadmium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Chromium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Copper	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Lead	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Manganese	99	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Nickel	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Selenium	<1.0	1.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL
Zinc	2.9	2.0	ppb	1		11/11/21 1038	11/12/21 1256	RPL



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Batch Log Summary

Method	Batch	Laboratory ID	Client / Source ID
SM 2340 B-2011 EPA 200.8, Rv. 5.4 (1994)	B185820	B185820-BLK1	
		B185820-BLK1	
		B185820-BS1	
SM 2340 B-2011	B185820	B185820-BS1	
		B185820-MS1	21K0685-01
EPA 200.8, Rv. 5.4 (1994)	B185820	B185820-MS1	21K0685-01
SM 2340 B-2011	B185820	B185820-MSD1	21K0685-01
EPA 200.8, Rv. 5.4 (1994)	B185820	B185820-MSD1	21K0685-01
		B185820-MS2	21K0694-01
SM 2340 B-2011	B185820	B185820-MS2	21K0694-01
		B185820-MSD2	21K0694-01
EPA 200.8, Rv. 5.4 (1994)	B185820	B185820-MSD2	21K0694-01
		21K0697-01	Monitor Well 6,MW6
		21K0697-02	Monitor Well 4,MW4
SM 2340 B-2011	B185820	21K0697-01RE1	Monitor Well 6,MW6
		21K0697-02RE1	Monitor Well 4,MW4

Method	Batch	Laboratory ID	Client / Source ID
EPA 245.1, Rv. 3 (1994)	B185823	B185823-BLK1	
		B185823-BS1	
		21K0697-01	Monitor Well 6,MW6
		21K0697-02	Monitor Well 4,MW4
		B185823-MS1	21K0704-01
B185823-MSD1	21K0704-01		

Batch Quality Control Summary: Microbac Laboratories, Inc. - Chicagoland

Inorganics Total	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185820 - 200.8_PR - SM 2340 B-2011										
Blank (B185820-BLK1)				Prepared: 11/11/2021 Analyzed: 11/12/2021						
Calcium	<0.50	0.50	mg/L							
Magnesium	<0.50	0.50	mg/L							
LCS (B185820-BS1)				Prepared: 11/11/2021 Analyzed: 11/12/2021						
Calcium	1.98	0.50	mg/L	2.0	98.9	80-120				
Magnesium	2.03	0.50	mg/L	2.0	102	80-120				
Matrix Spike (B185820-MS1)				Source: 21K0685-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Calcium	55.1	0.50	mg/L	2.0	52.3	141	75-125			S
Magnesium	21.3	0.50	mg/L	2.0	17.6	188	75-125			S
Matrix Spike (B185820-MS2)				Source: 21K0694-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Calcium	28.7	0.50	mg/L	2.0	26.6	103	75-125			
Magnesium	61.7	0.50	mg/L	2.0	59.7	101	75-125			
Matrix Spike Dup (B185820-MSD1)				Source: 21K0685-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Inorganics Total	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185820 - 200.8_PR - SM 2340 B-2011										
Matrix Spike Dup (B185820-MSD1) Source: 21K0685-01 Prepared: 11/11/2021 Analyzed: 11/12/2021										
Calcium	56.6	0.50	mg/L	2.0	52.3	214	75-125	2.61	20	S
Magnesium	22.2	0.50	mg/L	2.0	17.6	232	75-125	3.97	20	S
Matrix Spike Dup (B185820-MSD2) Source: 21K0694-01 Prepared: 11/11/2021 Analyzed: 11/12/2021										
Calcium	28.0	0.50	mg/L	2.0	26.6	69.8	75-125	2.38	20	S
Magnesium	59.1	0.50	mg/L	2.0	59.7	NR	75-125	4.35	20	S
Metals Total by CVAA										
Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B185823 - HGPREP_W - EPA 245.1, Rv. 3 (1994)										
Blank (B185823-BLK1) Prepared: 11/11/2021 Analyzed: 11/12/2021										
Mercury	<0.20	0.20	ppb							
LCS (B185823-BS1) Prepared: 11/11/2021 Analyzed: 11/12/2021										
Mercury	2.02	0.20	ppb	2.0		101	85-115			
Matrix Spike (B185823-MS1) Source: 21K0704-01 Prepared: 11/11/2021 Analyzed: 11/12/2021										
Mercury	2.03	0.20	ppb	2.0	ND	101	70-130			
Matrix Spike Dup (B185823-MSD1) Source: 21K0704-01 Prepared: 11/11/2021 Analyzed: 11/12/2021										
Mercury	1.81	0.20	ppb	2.0	ND	90.7	70-130	11.2	20	
Metals Total by ICPMS										
Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B185820 - 200.8_PR - EPA 200.8, Rv. 5.4 (1994)										
Blank (B185820-BLK1) Prepared: 11/11/2021 Analyzed: 11/12/2021										
Arsenic	<1.0	1.0	ppb							
Barium	<1.0	1.0	ppb							
Cadmium	<0.50	0.50	ppb							
Chromium	<1.0	1.0	ppb							
Copper	<1.0	1.0	ppb							
Lead	<1.0	1.0	ppb							
Manganese	<1.0	1.0	ppb							
Nickel	<1.0	1.0	ppb							
Selenium	<1.0	1.0	ppb							
Zinc	<2.0	2.0	ppb							
LCS (B185820-BS1) Prepared: 11/11/2021 Analyzed: 11/12/2021										
Arsenic	200	1.0	ppb	200		101	85-115			
Barium	210	1.0	ppb	220		95.7	85-115			
Cadmium	20	0.50	ppb	20		98.3	85-115			
Chromium	200	1.0	ppb	200		100	85-115			
Copper	20	1.0	ppb	20		97.9	85-115			
Lead	210	1.0	ppb	200		104	85-115			
Manganese	20	1.0	ppb	20		101	85-115			
Nickel	200	1.0	ppb	200		98.5	85-115			
Selenium	210	1.0	ppb	200		104	85-115			



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

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Metals Total by ICPMS	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185820 - 200.8_PR - EPA 200.8, Rv. 5.4 (1994)										
LCS (B185820-BS1)				Prepared: 11/11/2021 Analyzed: 11/12/2021						
Zinc	200	2.0	ppb	200		99.6	85-115			
Matrix Spike (B185820-MS1)				Source: 21K0685-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Arsenic	220	1.0	ppb	200	4.2	108	70-130			
Barium	270	1.0	ppb	220	59	96.1	70-130			
Cadmium	19	0.50	ppb	20	ND	96.9	70-130			
Chromium	210	1.0	ppb	200	ND	107	70-130			
Copper	19	1.0	ppb	20	ND	97.1	70-130			
Lead	200	1.0	ppb	200	ND	100	70-130			
Manganese	22	1.0	ppb	20	3.3	95.5	70-130			
Nickel	200	1.0	ppb	200	2.4	101	70-130			
Selenium	250	1.0	ppb	200	35	107	70-130			
Zinc	230	2.0	ppb	200	24	100	70-130			
Matrix Spike (B185820-MS2)				Source: 21K0694-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Arsenic	220	1.0	ppb	200	0.53	109	70-130			
Barium	280	1.0	ppb	220	68	95.4	70-130			
Cadmium	19	0.50	ppb	20	ND	92.7	70-130			
Chromium	230	1.0	ppb	200	0.62	114	70-130			
Copper	21	1.0	ppb	20	1.4	98.2	70-130			
Lead	200	1.0	ppb	200	ND	98.3	70-130			
Manganese	69	1.0	ppb	20	52	85.5	70-130			
Nickel	200	1.0	ppb	200	1.6	101	70-130			
Selenium	220	1.0	ppb	200	0.72	109	70-130			
Zinc	200	2.0	ppb	200	6.4	96.8	70-130			
Matrix Spike Dup (B185820-MSD1)				Source: 21K0685-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Arsenic	220	1.0	ppb	200	4.2	109	70-130	0.937	20	
Barium	270	1.0	ppb	220	59	95.0	70-130	0.933	20	
Cadmium	20	0.50	ppb	20	ND	99.6	70-130	2.81	20	
Chromium	220	1.0	ppb	200	ND	109	70-130	1.51	20	
Copper	20	1.0	ppb	20	ND	98.5	70-130	1.42	20	
Lead	200	1.0	ppb	200	ND	99.7	70-130	0.666	20	
Manganese	22	1.0	ppb	20	3.3	92.2	70-130	2.98	20	
Nickel	200	1.0	ppb	200	2.4	101	70-130	0.455	20	
Selenium	250	1.0	ppb	200	35	109	70-130	1.22	20	
Zinc	230	2.0	ppb	200	24	101	70-130	0.870	20	
Matrix Spike Dup (B185820-MSD2)				Source: 21K0694-01 Prepared: 11/11/2021 Analyzed: 11/12/2021						
Arsenic	220	1.0	ppb	200	0.53	109	70-130	0.188	20	
Barium	280	1.0	ppb	220	68	97.8	70-130	1.85	20	
Cadmium	18	0.50	ppb	20	ND	90.3	70-130	2.64	20	
Chromium	230	1.0	ppb	200	0.62	112	70-130	1.37	20	
Copper	21	1.0	ppb	20	1.4	95.6	70-130	2.48	20	
Lead	200	1.0	ppb	200	ND	99.3	70-130	1.08	20	
Manganese	71	1.0	ppb	20	52	93.9	70-130	2.38	20	
Nickel	200	1.0	ppb	200	1.6	100	70-130	0.759	20	



Microbac Laboratories, Inc. - Chicagoland

CERTIFICATE OF ANALYSIS

21K0697

Metals Total by ICPMS	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185820 - 200.8_PR - EPA 200.8, Rv. 5.4 (1994)										
Matrix Spike Dup (B185820-MSD2) Source: 21K0694-01 Prepared: 11/11/2021 Analyzed: 11/12/2021										
Selenium	210	1.0	ppb	200	0.72	105	70-130	3.41	20	
Zinc	200	2.0	ppb	200	6.4	95.5	70-130	1.31	20	

Definitions

- DF: Dilution Factor representing the amount the sample was diluted during analysis and may not represent preparation factors.
- mg/L: Milligrams per Liter
- ppb: Parts per Billion
- RL: Reporting Limit
- RPD: Relative Percent Difference
- S: Spike recovery outside of acceptance limits.

Cooler Receipt Log

Cooler ID: Default Cooler Temp: 2.4°C

Cooler Inspection Checklist

Ice Present or not required?	Yes	Shipping containers sealed or not required?	Yes
Custody seals intact or not required?	Yes	Chain of Custody (COC) Present?	Yes
COC includes customer information?	Yes	Relinquished and received signature on COC?	Yes
Sample collector identified on COC?	Yes	Sample type identified on COC?	Yes
Correct type of Containers Received	Yes	Correct number of containers listed on COC?	Yes
Containers Intact?	Yes	COC includes requested analyses?	Yes
Enough sample volume for indicated tests received?	Yes	Sample labels match COC (Name, Date & Time?)	Yes
Samples arrived within hold time?	Yes	Correct preservatives on COC or not required?	Yes
Chemical preservations checked or not required?	Yes	Preservation checks meet method requirements?	Yes
VOA vials have zero headspace, or not recd.?	Yes		

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.

Reviewed and Approved By:

Carey Gadzala

Carey Gadzala
Project Manager
carey.gadzala@microbac.com
11/16/2021 17:44

Admiralty - Juneau, AK
PM: Carey Gadzala



Contaminant Disposal and Recycling Service

ADEU Compliance

AE 27777

Paul Berg
Environmental Services
PO Box 22
Fairbanks AK 99708

PHONE: (907) 475-1911
SAMPLED BY:
Date:

Please reference PO 21-129 when invoicing

21K0697

FIELD RESULTS

DATE	TIME	SITE DESCRIPTION IDENTIFIER	MATRIX	# OF BOTTLES	TR Metals, Vol. Cd, Cr, Pb, Zn, Ni, Se Zn, Mercury, and Barium	FIELD RESULTS		
						pH	Temp	D.O.
11/10/21	0815	Waste Unit 6	H ₂ O	2		7.5	4°C	01
11/10/21	0815	Waste Unit 7	H ₂ O	2		7.5	4°C	02

PREPARED BY: Signature: [Signature] Date: 11/10/21 Time: 0815	RECEIVED BY: Signature: [Signature] Date: 11/10/21 Time: 0955	RECEIVED BY: Signature: [Signature] Date: 11/10/21 Time: 0955	RECEIVED BY: Signature: [Signature] Date: 11/10/21 Time: 0955
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IR#4
NR
Fedex



Admiralty Environmental
 641 W. Willoughby Ave., Suite 301
 Juneau, AK 99801
 (907) 463-4415

CHAIN OF CUSTODY/TRANSMITTAL RECORD
 PAGE 1 OF 1

PROJECT NAME: Gustavus Disposal and Recycling Center					ADEC Compliance					AE 27777								
REPORT TO: Paul Berry dumpmaster@gustavus-ak.gov			PHONE#: (907) 697-2118		# OF BOTTLES	TR Metals (As, Ba, Cd, Cr, Cu, Pb, Mn, Ni, Se, Zn), Mercury, and Hardness	COD	conductivity										
ADDRESS: PO Box 62 PO Box 1 Gustavus AK 99826			SAMPLED BY: Paul Berry															
COMMENTS: Please reference PO 22-129 when invoicing																		
FIELD RESULTS																		
DATE	TIME	SITE DESCRIPTION / IDENTIFIER			MATRIX									pH	Temp	D.O.		
11/5/2021	1:35pm	Monitor Well 6, MW6			H ₂ O	3	1	1	1					7.21	8.0c	/		
11/5/2021	3:09pm	Monitor Well 4, MW4			H ₂ O	3	1	1	1					7.72	8.1c	/		
RELINQUISHED BY:		RECEIVED BY:			RELINQUISHED BY:		RECEIVED BY:			Section to Be Completed by Receiving Laboratory								
Signature <i>Paul Berry</i>		Signature <i>Riley Crocker</i>			Signature		Signature											
Printed Name Paul Berry		Printed Name Riley Crocker			Printed Name		Printed Name											
Date 11/5/2021		Date 11/8/21			Date		Date											
Time 8 AM		Time 1521			Time		Time											
										Temp °C: 1.95								
										Thermo ID#: Lab#7								
										Condition of Custody Seals: <input checked="" type="checkbox"/>								
										Initialed By: RC								
										Shipped Via: Air Seaplanes								

*COO samples frozen, rejected upon receipt RC



Admiralty Environmental Cooler Receipt Form

Lab: **Admiralty Environmental, LLC**
Client: **Gustavus Disposal and Recycling Center**

AE# AE 27777

Date Opened: **11/8/2021** Opened by: **R. Crocker**

A. External Cooler Conditions

• Local Sampling Event

1. Project ID: **n/a**

2. COC Attached? **n/a** Properly Completed? **n/a** Signed by AE employee? **n/a**

Small Temp. Blank **n/a** (temp in Celsius)
Large Temp. Blank: **n/a** (temp in Celsius)

• Air-Transported Sampling Event

1. Project ID: **Gustavus**

2. COC Attached? **yes** Properly Completed? **yes** Signed by AE employee? **yes**

3. Airbill attached? **yes** Airbill #: **4457098**

4. Custody Seals? **yes**

5. Seals intact? **yes**

Temp. Blank: **1.95** (temp in Celsius)

COMMENTS:

B. Sample Conditions

Number of Samples Received: **1** Packing type: **cooler**

Number of Bottles Received: **4**

1. Samples in proper bags? **yes**

2. Bottles intact? **yes**

3. Sufficient sample volume? **yes**

4. Labels agree with COC? **yes**

5. Samples delivered within holding time? **yes**

6. Sample preservation checked? **yes, <2**

Problems encountered: **yes, COD samples frozen and rejected**

Was the project manager called? **yes**

COMMENTS:

Signature: 

Date and time: **11/8/21 ; 15R 1541 1521** ^{RC RC}