

Andres Delgado 1873 Shell Simmons Dr. Suite 200 Juneau, AK 99801

February 4, 2025

JNU International Airport Stormwater Sampling

Date of Collection: January 23, 2025 Sampling Location: Juneau, Alaska

Summary

One sample from the Juneau International Airport was received at Admiralty Environmental, Juneau, AK on January 23, 2025.

The sample was analyzed for biochemical oxygen demand, chemical oxygen demand, ammonia, and pH. The parameter of pH was received past holding time. 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, and cooler receipt form.

Kind Regards,

Hope O'Neill

Admiralty Environmental



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

Juneau International Airport

Permit AKR06AD42 Compliance January 23, 2025 Juneau, AK

Analytical Report

Admiralty Environmental EPA ID AK 00976
AE 37069

Sample Location	3- Upper Duck Creek -2
Date/Time Sampled	01/23/2025; 13:55
pH (S.U.)	7.05
BOD (mg/L)	<2.0
Ammonia (mg/L)	<0.5
COD (mg/L)	<28

Quality Control:

Analysis	МВ	LCS	LCS Duplicate	RPD	Date/Time Commenced	Holding Time Met	Analyst
рН					01/23/2025; 15:37	No	LL
BOD	ND	85.9%			01/24/2025; 08:24	Yes	KH
NH ₃	ND	109.0%	109.0%	0.0%	01/24/2025; 10:30	Yes	LL
COD (HR)	ND	104.0%	102.2%	1.7%	01/28/2025; 11:10	Yes	KH

Analysis Description:

Analysis	Method	DF	MDL	PQL	Unit
рН	EPA 150.1	1	0.1	0.1	pH Units
BOD	SM 5210B	1	2.0	2.0	mg/L
NH ₃	Hach 10205	1	0.1	0.5	mg/L
COD (HR)	SM 5220D	1	8.7	28	mg/L

Case Narrative:

The parameter of pH was received past holding time and analyzed upon laboratory receipt. All other sample analysis QA/QC parameters were met for this event.

Key:

itoy.	
BOD	Biochemical Oxygen Demand
COD	Chemical Oxygen Demand
DF	Dilution Factor
LCS	Laboratory Control Standard
LR	Low Range
MB	Method Blank
MDL	Method Detection Limit
mg/L	Milligrams Per Liter
ND	Not Detected
NH ₃	Ammonia
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference

David Wetzel

CTO, Admiralty Environmental dwetzel@admiraltyenv.com



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

CHAIN OF CUSTODY/TRANSMITTAL RECORD PAGE 1 OF 1

CLIENT: Juneau International Airport					Stormwater Sampling MSGP ADEC Compliance										
REPORT TO: Andres Delgado PHONE#: 907-586-0962 (Pam)						H		П					AE 37069		9
		Simmons Drive Juneau AK 99801 K 99801	SAMPLED BY:	SAMPLED BY:									, <u>, , , , , , , , , , , , , , , , , , ,</u>	700	
EMAIL: pam. JNU_Airport	.chapin@j @jnuairpo	nuairport.com, andres.c ort.com	delgado@jnuairport.com,		S		<u>.a</u>								
BILL TO: par JNU_Airport	m.chapin@ @jnuairpo	gjnuairport.com, andres rt.com	s.delgado@jnuairport.com,		OF BOTTLES	QC	Ammonia					FIELD RESULTS			
DATE	TIME	SITE DESCRIPTION	/IDENTIFIER	MATRIX	# 0F	pH, BOD	COD,					рН	Temp		
1/3/25	1/3/25 1355 3-UPPER DUCK CREEK - 2		H ₂ 0	2		1									
			1												
						H									
							Ч								
								Ш							
RELINQUISHED E	BY:	RECEIVED BY:	RELINQUISHED BY:		RECE	IVED	BY:								
Signature		Signature Am	Signature		Signa					Section t	o Be Completed	by Receiving L	aboratory		
	LGADO	Printed Name Nova Hand	Printed Name		Printe	d Nam	1e			7,412	p °C: rmo ID#:	1-48 ab#70			
Date 1/23/-	25	Date 123/25	Date		Date					Con	dition of tody Seals:	V			
		Time	Time		Time Initialed By: Shipped Via:			NH	-						



Admiralty Admiralty Environmental Cooler Receipt Form

Lab:	Admiralt	y Environ	nental, LLC			
Client:	Juneau Int	ernational A	irport			AE 37069
Date Opened:	1/23/202	5 Opened by	: N. Harper			
A. External Cool	ler Condit	ions				
• Local Sampling E	vent					
1. Project ID:	Stormwate	r				
2. COC Attached?	yes	Properly C	ompleted?	yes	Signed by AE employee	e? yes
				Small Temp	. Blank	1.48 (temp in Celsius)
				Large Temp	o. Blank: n/a	(temp in Celsius)
Air-Transported 5	Sampling Ev	ent				
1. Project ID:	n/a					
2. COC Attached?	n/a	Properly C	ompleted?	n/a	Signed by AE employee	e? n/a
3. Airbill attached?		Airbill #:	n/a	110 Sec. 1	8 - ,	
4. Custody Seals?	n/a					
5. Seals intact?	n/a					
COMMENTS:				Temp. Blank	k: n/a	(temp in Celsius)
B. Sample Cond	itions					
Number of Samples	Received:		1	Packing typ	e: cooler	
Number of Bottles I	Received:		2	0 11		
1. Samples in prope	r bags?	yes				
2. Bottles intact?		yes				
3. Sufficient sample	volume?	yes				
4. Labels agree with	COC?	yes				
5. Samples delivered	d within hal	ding time?	no nH ross	ived out of ho	sld.	
6. Sample preservat			yes, <2 pH	ived out of no	Jid	
Problems encounter		no	yes, \2 p11			
2 1 Octobrio Citto artico	· cu.	no				
Was the project man	nager called	?	no			
COMMENTS:						
Λ Λ	11					4.5
Signature: Us	Ams				Date and time: 1/23	125: 1530