



Admiralty
ENVIRONMENTAL

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

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

March 11, 2025

JNU International Airport Stormwater Sampling

Date of Collection: February 25, 2025
Sampling Location: Juneau, Alaska

Summary

Five samples from the Juneau International Airport were received at Admiralty Environmental, Juneau, AK on February 26, 2025.

The samples were 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
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Juneau International Airport

Permit AKR06AD42 Compliance

February 25, 2025

Juneau, AK

Analytical Report

Admiralty Environmental EPA ID AK 00976

AE 37268

Sample Location	Date/Time Sampled	pH (S.U.)	BOD (mg/L)	Ammonia (mg/L)	COD (mg/L)
6- Terminal Area Discharge	2/25/2025 18:05	6.96	<2.0	<0.5	<28
9- NEDA Outlet	2/25/2025 18:10	7.22	4.1	<0.5	<28
10- TWY G Outlet	2/25/2025 18:21	7.70	4.2	<0.5	<28
11- Jordan Creek Outlet	2/25/2025 18:00	6.97	<2.0	<0.5	<28
3- Upper Duck Creek	2/25/2025 18:31	7.11	<2.0	<0.5	34

Quality Control:

Analysis	MB	LCS	LCS Duplicate	RPD	Date/Time Commenced	Holding Time Met	Analyst
pH	---	---	---	---	02/26/2025; 11:26	No	SK/KS
BOD	ND	105.4%	---	---	02/26/2025; 09:00	Yes	SK
NH3	ND	110.0%	110.0%	0.0%	03/07/2025; 15:44	Yes	RC
COD (LR)	ND	101.4%	102.0%	0.6%	03/03/2025; 09:47	Yes	LL

Analysis Description:

Analysis	Method	DF	MDL	PQL	Unit
pH	EPA 150.1	1	0.1	0.1	pH Units
BOD	SM 5210B	1	2.0	2.0	mg/L
NH3	Hach 10205	1	0.1	0.5	mg/L
COD (LR)	SM 5220D	1	6.8	22.0	mg/L

Case Narrative:

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

Key:

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

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CHAIN OF CUSTODY/TRANSMITTAL RECORD
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CLIENT: Juneau International Airport				Stormwater Sampling MSGP ADEC Compliance												AE 37268				
REPORT TO: Andres Delgado		PHONE#: 907-586-0962 (Pam)																		
ADDRESS: 1873 Shell Simmons Drive Suite 200, Juneau AK 99801 Juneau, AK 99801				SAMPLED BY: CATHRYN CARROLL PATRICK MILLAY																
EMAIL: pam.chapin@jnuairport.com, andres.delgado@jnuairport.com, JNU_Airport@jnuairport.com																				
BILL TO: pam.chapin@jnuairport.com, andres.delgado@jnuairport.com, JNU_Airport@jnuairport.com																				
DATE	TIME	SITE DESCRIPTION / IDENTIFIER	MATRIX	# OF BOTTLES	pH	BOD	COD	Ammonia									FIELD RESULTS			
																pH	Temp			
2/25	6:05AM	⑥ - TERMINAL AREA DISCHARGE	H ₂ O	2	1	1														
2/25	6:10AM	⑨ - NEDA OUTLET	H ₂ O	2	1	1														
2/25	6:21AM	⑩ - TWY G OUTLET	H ₂ O	2	1	1														
2/25	6:00PM	⑪ - JORDAN CRK CULVERT OUTLET	H ₂ O	2	1	1														
2/25	6:14PM	⑫ - POND DISCHARGE TO RIVER	H ₂ O	2	1	1														
2/25	6:31PM	⑬ - UPPER DUCK CREEK - 2	H ₂ O	2	1	1														
RELINQUISHED BY:		RECEIVED BY:		RELINQUISHED BY:		RECEIVED BY:		Section to Be Completed by Receiving Laboratory												
Signature		Signature		Signature		Signature														
Printed Name		Printed Name		Printed Name		Printed Name														
Date		Date		Date		Date														
Time		Time		Time		Time														

*Sample not collected



Admiralty Environmental Cooler Receipt Form

Lab: Admiralty Environmental, LLC
Client: JNU Int Airport

AE 37268

Date Opened: 2/25/2025 Opened by: K. Swidzinski

A. External Cooler Conditions

• Local Sampling Event

1. Project ID: Stormwater Sampling

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

Small Temp. Blank 3.24 (temp in Celsius)
Large Temp. Blank: n/a (temp in Celsius)

• Air-Transported Sampling Event

1. Project ID: n/a

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

3. Airbill attached? n/a Airbill #: n/a

4. Custody Seals? n/a

5. Seals intact? n/a

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

COMMENTS:

B. Sample Conditions

Number of Samples Received: 5 Packing type: cooler
Number of Bottles Received: 10

1. Samples in proper bags? yes

2. Bottles intact? yes

3. Sufficient sample volume? yes

4. Labels agree with COC? yes

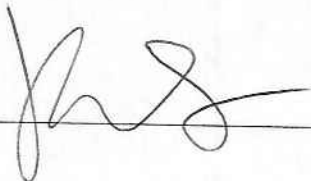
5. Samples delivered within holding time? yes, except pH

6. Sample preservation checked? yes <2

Problems encountered: no

Was the project manager called? no

COMMENTS:

Signature: 

Date and time: 2/26/25, 0834