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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



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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	MB	LCS	LCS Duplicate	RPD	Date/Time Commenced	Holding Time Met	Analyst
pH	---	---	---	---	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
pH	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:

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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Admiralty Environmental Cooler Receipt Form

Lab: **Admiralty Environmental, LLC**
Client: **Juneau International Airport**

AE 37069

Date Opened: **1/23/2025** Opened by: **N. Harper**

A. External Cooler Conditions

• Local Sampling Event

1. Project ID: **Stormwater**

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

Small Temp. Blank **1.48** (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: **1** Packing type: **cooler**

Number of Bottles Received: **2**

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? **no, pH received out of hold**

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

Problems encountered: **no**

Was the project manager called? **no**

COMMENTS:

Signature: 

Date and time: **1/23/25; 1530**