



ANALYTICAL REPORT

Alaska State Environmental Health Laboratory
5251 Dr. Martin Luther King Jr. Avenue
Anchorage, AK 99507
www.dec.alaska.gov/eh/lab

Work Order Number: 2409096
Project Name: Eagle River

For:

AKDEC Division of Water
555 Cordova Street
Anchorage, AK 99501-2617

Attn: Ashley Oleksiak

A handwritten signature in black ink, appearing to read "Danika Buzby-Rynders".

Danika Buzby-Rynders
Program Coordinator 2
danika.buzby-rynders@alaska.gov

Report Date: 10/07/2024



The results in this report apply to the samples analyzed in accordance with the sample submission form. This analytical report must be reproduced in its entirety. This report has been electronically signed and authorized by the signatory.

Sample Summary

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/2024 16:09

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2409096-01	ER-NF	Default Cooler	4.3	9/23/24 10:00 am	9/23/24 1:41 pm
2409096-02	ER-SF	Default Cooler	4.3	9/23/24 10:55 am	9/23/24 1:41 pm
2409096-03	ER-GB	Default Cooler	4.3	9/23/24 11:45 am	9/23/24 1:41 pm
2409096-04	ER-GB-DUP	Default Cooler	4.3	9/23/24 11:45 am	9/23/24 1:41 pm
2409096-05	ER-VFW	Default Cooler	4.3	9/23/24 12:30 pm	9/23/24 1:41 pm

Methods


All samples were analyzed and conform with the following methods unless otherwise specified in the Case Narrative:

SM 9222 D
SM 9223 B

Case Narrative

Notes and Definitions

Alaska State Environmental Health Laboratory



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Danika Buzby-Rynders, Program Coordinator 2

Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/24 16:09

Client Sample ID: ER-NF
Lab Sample ID: 2409096-01
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	8.5	1		MPN/100mL	1	B24I106	23-Sep-24	24-Sep-24	SM 9223 B	
Fecal Coliforms	1.0	1.0	1.0	CFU/100 mL	"	B24I107	23-Sep-24	24-Sep-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/24 16:09

Client Sample ID: ER-SF
Lab Sample ID: 2409096-02
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	8.2	1		MPN/100m L	1	B24I106	23-Sep-24	24-Sep-24	SM 9223 B	
Fecal Coliforms	7.0	1.0	1.0	CFU/100 mL	"	B24I107	23-Sep-24	24-Sep-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/24 16:09

Client Sample ID: ER-GB
Lab Sample ID: 2409096-03
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	12	1		MPN/100m L	1	B24I106	23-Sep-24	24-Sep-24	SM 9223 B	
Fecal Coliforms	4.0	1.0	1.0	CFU/100 mL	"	B24I107	23-Sep-24	24-Sep-24	SM 9222 D	

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Danika Buzby-Rynders, Program Coordinator 2

Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/24 16:09

Client Sample ID: ER-GB-DUP
Lab Sample ID: 2409096-04
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	8.5	1		MPN/100m L	1	B24I106	23-Sep-24	24-Sep-24	SM 9223 B	
Fecal Coliforms	6.0	1.0	1.0	CFU/100 mL	"	B24I107	23-Sep-24	24-Sep-24	SM 9222 D	

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Danika Buzby-Rynders, Program Coordinator 2

Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409096
Report Date: 10/07/24 16:09

Client Sample ID: ER-VFW
Lab Sample ID: 2409096-05
Sampled By: Mary Inovejas


Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	14.8	1		MPN/100m L	1	B24I106	23-Sep-24	24-Sep-24	SM 9223 B	
Fecal Coliforms	7.0	1.0	1.0	CFU/100 mL	"	B24I107	23-Sep-24	24-Sep-24	SM 9222 D	

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Danika Buzby-Rynders, Program Coordinator 2

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Thank you!

 (Pine tree)

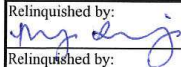
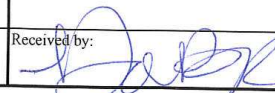
ATTN: DANIKA

ETA: 1:45 PM

Submission Form & Chain of Custody Record



Environmental Health Laboratory

Client Contact		Project Manager: Ashley Oleksiak		Site Contact:		Date: 9/23/24		COC No: 240910914		
ADEC		Tel/Fax: 907-376-1865		Lab Contact: Patryce McKinney		Carrier:		Comments:		
Division of Water		Analysis Turnaround Time		Coliform MPN - E. coli (SM9223B) Fecal Coliforms (mFC) (SM9222D)						
Ashley Oleksiak		Standard: 10 Work Days (W)								
1700 E. Bogard Rd, Bldg B, Ste 103		Fresh Water Samples								
Wasilla, AK 99650										
Project Name: Eagle River										
Project Number: WQ RSA FY25								EHL Sample # (EHL use only)		
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.				
ER-NF		9/23/24	10:00 AM	G	W	2	1	1		
ER-SF			10:55 AM			2	1	1		-01
ER-GB			11:45 AM			2	1	1		-02
ER-GB-DUP			11:45 AM			2	1	1		-03
ER-VFW			12:30 PM			2	1	1		-04
Trip Blank										-05
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Possible Hazard Identification						<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab (45 days) <input type="checkbox"/> Archive For _____ Months				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments:										
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:
		ADEC		9/23/24 1:41 PM				ADEC EHL		9/23/24 01:34
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:



ADEC EHL Sample Receipt Checklist

(form SC-11, rev 01/11/2024)
Environmental Health Laboratory
5251 Dr. MLK Jr. Ave., Anchorage, AK 99507
(907) 375-8200



WO #: 240909 Lp
Client: ADEC-DOW

of Samples: 5
Sample Matrix: Water

COC Seals:

- On Shipping Container Intact? Y/N
- On Sample Packaging Intact? Y/N
- None

Received via:

- USPS
- UPS
- FedEx

- Delivered by Client/Client Courier
- Courier Shipper: _____
- Other _____

Shipment Tracking # _____

Sample Temperature @ Receipt: 4.3 °C

Thermometer ID (circle one): A19E080, calibration due 12/29/2024
Other: _____

Shipping Container Type:

- Box
- Cooler
- Envelope
- Hand Carry
- Styro-Box
- Other _____

Sample Packaging Type:

- Plastic/Ziploc Bag
- Plastic/Glass Vial/Jar
- Whirl Pak Bag
- Vacuum Packaging
- Commercial Packaging
- Blood Tubes
- Other IDEXX

Refrigerant:

- Dry Ice
- Gel/Ice Pack
- Water Ice
- Other _____
- None
- Notes: _____

Sample(s) and Sample Containers:

Intact?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	Properly Preserved?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Correct Type?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	Meets Temp Requirements?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
IDs/Times/Dates Match Form?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>	Adequate Amount for Tests?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>

Sample Submission Form:

Sample Submission Form Complete? Y N
 Client Contacted Regarding Incomplete Data? N Y Provide details below in "Comments" section.

Comments: _____

