



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: 2409075
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: 09/26/2024



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: 2409075
Report Date: 09/26/2024 12:07

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2409075-01	ER-NF	Default Cooler	3.5	9/17/24 9:40 am	9/17/24 1:27 pm
2409075-02	ER-SF	Default Cooler	3.5	9/17/24 10:25 am	9/17/24 1:27 pm
2409075-03	ER-GB	Default Cooler	3.5	9/17/24 11:15 am	9/17/24 1:27 pm
2409075-04	ER-VFW	Default Cooler	3.5	9/17/24 11:50 am	9/17/24 1:27 pm
2409075-05	ER-VFW-DUP	Default Cooler	3.5	9/17/24 11:50 am	9/17/24 1:27 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



Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409075
Report Date: 09/26/24 12:07

Client Sample ID: ER-NF
Lab Sample ID: 2409075-01
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	B24I067	17-Sep-24	18-Sep-24	SM 9223 B	
Fecal Coliforms	6.0	1.0	1.0	CFU/100 mL	"	B24I068	17-Sep-24	18-Sep-24	SM 9222 D	

Alaska State Environmental Health Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Danika Buzby-Rynders, Program Coordinator 2

Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409075
Report Date: 09/26/24 12:07

Client Sample ID: ER-SF
Lab Sample ID: 2409075-02
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	85.5	1		MPN/100m L	1	B24I067	17-Sep-24	18-Sep-24	SM 9223 B	
Fecal Coliforms	53	1.0	1.0	CFU/100 mL	"	B24I068	17-Sep-24	18-Sep-24	SM 9222 D	

Alaska State Environmental Health Laboratory



Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409075
Report Date: 09/26/24 12:07

Client Sample ID: ER-GB
Lab Sample ID: 2409075-03
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	16.1	1		MPN/100m L	1	B24I067	17-Sep-24	18-Sep-24	SM 9223 B	
Fecal Coliforms	27	1.0	1.0	CFU/100 mL	"	B24I068	17-Sep-24	18-Sep-24	SM 9222 D	

Alaska State Environmental Health Laboratory



Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409075
Report Date: 09/26/24 12:07

Client Sample ID: ER-VFW
Lab Sample ID: 2409075-04
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	22.8	1		MPN/100m L	1	B24I067	17-Sep-24	18-Sep-24	SM 9223 B	
Fecal Coliforms	19	1.0	1.0	CFU/100 mL	"	B24I068	17-Sep-24	18-Sep-24	SM 9222 D	

Alaska State Environmental Health Laboratory



Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2409075
Report Date: 09/26/24 12:07

Client Sample ID: ER-VFW-DUP
Lab Sample ID: 2409075-05
Sampled By: Mary Inovejas


Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	19.5	1		MPN/100m L	1	B24I067	17-Sep-24	18-Sep-24	SM 9223 B	
Fecal Coliforms	21	1.0	1.0	CFU/100 mL	"	B24I068	17-Sep-24	18-Sep-24	SM 9222 D	

Alaska State Environmental Health Laboratory



Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Thank you!


ATTN: DANIKA

ETA: 1:30 PM



1 of 1

Submission Form & Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Ashley Oleksiak				Site Contact:				Date: 9/17/24				COC No: 24091075					
ADEC		Tel/Fax: 907-376-1865				Lab Contact: Patryce McKinney				Carrier:				Comments:					
Division of Water		Analysis Turnaround Time				ColiAlert 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																			
Sample Identification		Sample Date	Sample Time	Sample Type	Matrix	# of Cont.											EHL Sample # (EHL use only)		
ER-NF		9/17/24	9:40 AM	G	W	2	1	1											-01
ER-SF		↓	10:25 AM	↓	↓	2	1	1											-02
ER-GB		↓	11:15 AM	↓	↓	2	1	1											-03
ER-VFW		↓	11:50 AM	↓	↓	2	1	1											-04
ER-VFW-DUP		↓	11:50 AM	↓	↓	2	1	1											-05
Trip Blank																			
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____																			
Possible Hazard Identification								Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown								<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab (45 days) <input type="checkbox"/> Archive For _____ Months											
Special Instructions/QC Requirements & Comments:																			
Relinquished by:		Company:		Date/Time:		Received by:		Company:		Date/Time:									
Mary Inovejas		ADEC		9/17/24 1:27 PM		KCT		EHL		9/17/24 13:27									
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 #: 2409075
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: 3.5 °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 plastic vial
 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: _____

