



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: 2508106

Project Name: Eagle River

For:

AKDEC Division of Water

555 Cordova Street

Anchorage, AK 99501-2617

Attn: Jeff Fisher

A handwritten signature in blue ink, reading "Steve R. Crupi".

Steve R Crupi

Program Coordinator 2

steve.crupi@alaska.gov



Report Date: 08/21/2025

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: 2508106
Report Date: 08/21/2025 15:23

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2508106-01	ER - MC	Default Cooler	6.7	8/19/25 10:15 am	8/19/25 1:10 pm
2508106-02	ER - NF	Default Cooler	6.7	8/19/25 10:55 am	8/19/25 1:10 pm
2508106-03	ER - NF - DUP	Default Cooler	6.7	8/19/25 10:55 am	8/19/25 1:10 pm
2508106-04	ER - SF	Default Cooler	6.7	8/19/25 11:35 am	8/19/25 1:10 pm
2508106-05	ER-GB	Default Cooler	6.7	8/19/25 12:05 pm	8/19/25 1:10 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

Fecal coliform and *E. coli* analyses are run on separate samples using different methods. As such, it is possible that *E. coli* counts may be higher than fecal coliform counts in some instances.

Notes and Definitions

Alaska State Environmental Health Laboratory



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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2508106
Report Date: 08/21/25 15:23

Client Sample ID: ER - MC
Lab Sample ID: 2508106-01
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	248.9	1		MPN/100m L	1	B25H088	19-Aug-25	20-Aug-25	SM 9223 B	
Fecal Coliforms	120	1.0	1.0	CFU/100 mL	"	B25H087	19-Aug-25	20-Aug-25	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2508106
Report Date: 08/21/25 15:23

Client Sample ID: ER - NF
Lab Sample ID: 2508106-02
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	38.4	1		MPN/100m L	1	B25H088	19-Aug-25	20-Aug-25	SM 9223 B	
Fecal Coliforms	11	1.0	1.0	CFU/100 mL	"	B25H087	19-Aug-25	20-Aug-25	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2508106
Report Date: 08/21/25 15:23

Client Sample ID: ER - NF - DUP
Lab Sample ID: 2508106-03
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	24.1	1		MPN/100m L	1	B25H088	19-Aug-25	20-Aug-25	SM 9223 B	
Fecal Coliforms	11	1.0	1.0	CFU/100 mL	"	B25H087	19-Aug-25	20-Aug-25	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2508106
Report Date: 08/21/25 15:23

Client Sample ID: ER - SF
Lab Sample ID: 2508106-04
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	2	1		MPN/100m L	1	B25H088	19-Aug-25	20-Aug-25	SM 9223 B	
Fecal Coliforms	2.0	1.0	1.0	CFU/100 mL	"	B25H087	19-Aug-25	20-Aug-25	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2508106
Report Date: 08/21/25 15:23

Client Sample ID: ER-GB
Lab Sample ID: 2508106-05
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	23.1	1		MPN/100m L	1	B25H088	19-Aug-25	20-Aug-25	SM 9223 B	
Fecal Coliforms	22	1.0	1.0	CFU/100 mL	"	B25H087	19-Aug-25	20-Aug-25	SM 9222 D	

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State of Alaska

Environmental Health Laboratory
 5251 Dr. MLK Jr. Avenue
 Anchorage, AK 99507
 (907) 375-8200



ATTN: Steve

ETA: 1:20 PM



1 of 1

Submission Form & Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Mary Inovejas		Site Contact:		Date: 8/19/25		COC No: 2508106	
ADEC		Tel/Fax: 907-269-7518		Lab Contact: Steve Crupi		Carrier:		Comments:	
Division of Water		Analysis Turnaround Time		Colliert MPN - E. coli (SM9223B) Fecal Coliforms (mFC) (SM9222D)					
Mary Inovejas		Standard: 10 Work Days (W)							
555 Cordova St		Fresh Water Samples							
Anchorage, AK 99501									
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-MC	8-19-25	10:15 AM	G	W	2	1	1	-01	
ER-NF		10:55 AM			2	1	1	-02	
ER-NF-DUP		↓			2	1	1	-03	
ER-SF		11:35 AM			2	1	1	-04	
ER-GB		12:05 PM			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:									
6.7 °C									
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
[Signature]		DEC		8-19-25 1:10 PM		[Signature] R. Crupi		AKDEC EHL	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	



ADEC EHL Sample Receipt Checklist

(form SC-11, rev 3/14/2025)

Environmental Health Laboratory

5251 Dr. MLK Jr. Ave., Anchorage, AK 99507

(907) 375-8200



WO #: 2508106

of Samples: 5

Client: AK DEC DOW

Sample Matrix: Water

E.R. Streams

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: 6.7 °C

Thermometer ID (circle one): A25C104, calibration due 1/06/2027

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 IDEX

Refrigerant:

☐ Dry Ice
☒ Gel/Ice Pack
☐ Water Ice
☐ Other _____
☐ None _____
Notes: _____

Sample(s) and Sample Containers:

Intact? Y ☒ N ☐
Correct Type? Y ☒ N ☐
IDs/Times/Dates Match Form? Y ☒ N ☐

Properly Preserved? Y ☒ N ☐
Meets Temp Requirements? Y ☒ N ☐
Adequate Amount for Tests? Y ☒ N ☐

Sample Submission/Tracking Forms:

Sample Submission Form Complete? Y ☒ N ☐
Sample Tracking Form Required? N ☒ Y ☐
Client Contacted Regarding Incomplete Data? N ☒ Y ☐

If yes, completed? (circle) Yes

Provide details below in "Comments" section.

Comments: _____
