



## ANALYTICAL REPORT

### Alaska State Environmental Health Laboratory

5251 Dr. Martin Luther King Jr. Avenue

Anchorage, AK 99507

[www.dec.alaska.gov/eh/lab](http://www.dec.alaska.gov/eh/lab)

**Work Order Number: 2508020**

**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 that reads "Dena L. Cologgi".

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Dena L Cologgi

Program Coordinator 2

[dena.cologgi@alaska.gov](mailto:dena.cologgi@alaska.gov)



**Report Date: 08/12/2025**

*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: 2508020  
Report Date: 08/12/2025 10:00

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2508020-01	ER - MC	Default Cooler	6.8	8/5/25 9:56 am	8/5/25 1:22 pm
2508020-02	ER - NF	Default Cooler	6.8	8/5/25 10:35 am	8/5/25 1:22 pm
2508020-03	ER - SF	Default Cooler	6.8	8/5/25 11:40 am	8/5/25 1:22 pm
2508020-04	ER-GB	Default Cooler	6.8	8/5/25 11:45 am	8/5/25 1:22 pm
2508020-05	ER-GB-DUP	Default Cooler	6.8	8/5/25 11:45 am	8/5/25 1:22 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



Dena L Cologgi, Program Coordinator 2

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2508020  
Report Date: 08/12/25 10:00

Client Sample ID: ER - MC  
Lab Sample ID: 2508020-01  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	98.8	1		MPN/100m L	1	B25H013	05-Aug-25	06-Aug-25	SM 9223 B	
Fecal Coliforms	93	1.3	1.3	CFU/100 mL	"	B25H012	05-Aug-25	06-Aug-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2508020  
Report Date: 08/12/25 10:00

Client Sample ID: ER - NF  
Lab Sample ID: 2508020-02  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	30.1	1		MPN/100m L	1	B25H013	05-Aug-25	06-Aug-25	SM 9223 B	
Fecal Coliforms	21	1.0	1.0	CFU/100 mL	"	B25H012	05-Aug-25	06-Aug-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2508020  
Report Date: 08/12/25 10:00

Client Sample ID: ER - SF  
Lab Sample ID: 2508020-03  
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	B25H013	05-Aug-25	06-Aug-25	SM 9223 B	
Fecal Coliforms	4.0	1.0	1.0	CFU/100 mL	"	B25H012	05-Aug-25	06-Aug-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2508020  
Report Date: 08/12/25 10:00

Client Sample ID: ER-GB  
Lab Sample ID: 2508020-04  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	13.4	1		MPN/100m L	1	B25H013	05-Aug-25	06-Aug-25	SM 9223 B	
Fecal Coliforms	21	1.0	1.0	CFU/100 mL	"	B25H012	05-Aug-25	06-Aug-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2508020  
Report Date: 08/12/25 10:00

Client Sample ID: ER-GB-DUP  
Lab Sample ID: 2508020-05  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	13.4	1		MPN/100m L	1	B25H013	05-Aug-25	06-Aug-25	SM 9223 B	
Fecal Coliforms	24	1.0	1.0	CFU/100 mL	"	B25H012	05-Aug-25	06-Aug-25	SM 9222 D	

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Thank you!

A simple line drawing of a smiling crab, positioned below the 'Thank you!' text. The crab has a round body, two large eyes, and several legs. It is drawn in a friendly, cartoonish style.

ETA: 1:30 PM



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## Submission Form & Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Mary Inovejas		Site Contact:		Date: 8/5/25													
ADEC		Tel/Fax: 907-269-7518		Lab Contact: Steve Crupi		Carrier:													
Division of Water		Analysis Turnaround Time																	
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.	Colelert MPN - E. coli (SM9223B)	Fecal Coliforms (mFC) (SM9222D)											EHL Sample # (EHL use only)
ER-MC		8/5/25	9:50 AM	G	W	2	X	X									-01		
ER-NF			10:35 AM			2	X	X									-02		
ER-SF			11:40 AM			2	X	X									-03		
ER-GB			11:45 AM			2	X	X									-04		
ER-GB-DUP						2	X	X									-05		
Trip Blank																			
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) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab (45 days) <input type="checkbox"/> Archive For _____ Months									
Possible Hazard Identification <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: 6.8°C									
Relinquished by: [Signature]		Company: ADEC		Date/Time: 8-5-25 1:22 PM		Received by: [Signature]		Company: AKDEC EHL		Date/Time: 8/5/25 1322									
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 3/14/2025)  
Environmental Health Laboratory  
5251 Dr. MLK Jr. Ave., Anchorage, AK 99507  
(907) 375-8200



WO #: 2508020

# of Samples: 5

Client: AKDEC 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: 6.8 °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 FDEX

## 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: \_\_\_\_\_