



## 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: 2507151**

**Project Name: Eagle River**

#### For:

AKDEC Division of Water

555 Cordova Street

Anchorage, AK 99501-2617

Attn: Mary Inovejas

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: 08/11/2025**

*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: 2507151  
Report Date: 08/11/2025 13:04

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2507151-01	ER - MC	Default Cooler	6.0	7/28/25 10:30 am	7/28/25 1:55 pm
2507151-02	ER - NF	Default Cooler	6.0	7/28/25 11:10 am	7/28/25 1:55 pm
2507151-03	ER - NF - DUP	Default Cooler	6.0	7/28/25 11:10 am	7/28/25 1:55 pm
2507151-04	ER - SF	Default Cooler	6.0	7/28/25 12:00 pm	7/28/25 1:55 pm
2507151-05	ER-GB	Default Cooler	6.0	7/28/25 12:35 pm	7/28/25 1:55 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: 2507151  
Report Date: 08/11/25 13:04

Client Sample ID: ER - MC  
Lab Sample ID: 2507151-01  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	344.8	1		MPN/100m L	1	B25G105	28-Jul-25	29-Jul-25	SM 9223 B	
Fecal Coliforms	180	1.0	1.0	CFU/100 mL	"	B25G104	28-Jul-25	29-Jul-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2507151  
Report Date: 08/11/25 13:04

Client Sample ID: ER - NF  
Lab Sample ID: 2507151-02  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	45	1		MPN/100m L	1	B25G105	28-Jul-25	29-Jul-25	SM 9223 B	
Fecal Coliforms	12	1.0	1.0	CFU/100 mL	"	B25G104	28-Jul-25	29-Jul-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2507151  
Report Date: 08/11/25 13:04

Client Sample ID: ER - NF - DUP  
Lab Sample ID: 2507151-03  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	43.5	1		MPN/100m L	1	B25G105	28-Jul-25	29-Jul-25	SM 9223 B	
Fecal Coliforms	9.0	1.0	1.0	CFU/100 mL	"	B25G104	28-Jul-25	29-Jul-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2507151  
Report Date: 08/11/25 13:04

Client Sample ID: ER - SF  
Lab Sample ID: 2507151-04  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	7.5	1		MPN/100m L	1	B25G105	28-Jul-25	29-Jul-25	SM 9223 B	
Fecal Coliforms	2.0	1.0	1.0	CFU/100 mL	"	B25G104	28-Jul-25	29-Jul-25	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2507151  
Report Date: 08/11/25 13:04

Client Sample ID: ER-GB  
Lab Sample ID: 2507151-05  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	21.3	1		MPN/100m L	1	B25G105	28-Jul-25	29-Jul-25	SM 9223 B	
Fecal Coliforms	15	1.0	1.0	CFU/100 mL	"	B25G104	28-Jul-25	29-Jul-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: 1:55 PM



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## Submission Form &amp; Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Mary Inovejas		Site Contact:		Date: 7/28/25		COC No:	
ADEC		Tel/Fax: 907-269-7518		Lab Contact: Steve Crupi		Carrier:		Comments:	
Division of Water		Analysis Turnaround Time		ColiBert MPN - E. coli (SM9223B) Fecal Coliforms (mFC) (SM9222D)				250 7151	
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	7/28/25	10:30 AM	G	W	2	X X	-01		
ER-NF		11:10 AM			2	X X	-02		
ER-NF-DUP		11:10 AM			2	X X	-03		
ER-SF		12:00 PM			2	X X	-04		
ER-GB		12:35 PM			2	X X	-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:									
6.0°C									
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
[Signature]		ADEC		7/28/25 1:55 pm		[Signature] R. Crupi		AKDEC OSV	
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 #: 2507151

# of Samples: 5

Client: AKDEC DOW

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: 6.0 °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 FDExx

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_