



## 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: 2507167**

**Project Name: Eagle River**

#### For:

AKDEC Division of Water

555 Cordova Street

Anchorage, AK 99501-2617

Attn: Mary Inovejas

*Dena L Cologgi*

---

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: 2507167  
Report Date: 08/11/2025 13:14

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2507167-01	ER - MC	Default Cooler	5.7	7/30/25 9:00 am	7/30/25 11:58 am
2507167-02	ER - MC - DUP	Default Cooler	5.7	7/30/25 9:00 am	7/30/25 11:58 am
2507167-03	ER - NF	Default Cooler	5.7	7/30/25 9:30 am	7/30/25 11:58 am
2507167-04	ER - SF	Default Cooler	5.7	7/30/25 10:40 am	7/30/25 11:58 am
2507167-05	ER-GB	Default Cooler	5.7	7/30/25 10:45 am	7/30/25 11:58 am

## 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

*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: 2507167  
Report Date: 08/11/25 13:14

Client Sample ID: ER - MC  
Lab Sample ID: 2507167-01  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	201.4	1		MPN/100m L	1	B25G118	30-Jul-25	31-Jul-25	SM 9223 B	
Fecal Coliforms	150	1.7	1.7	CFU/100 mL	"	B25G117	30-Jul-25	31-Jul-25	SM 9222 D	

Alaska State Environmental Health Laboratory

*Dena L Cologgi*

Dena L Cologgi, 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: 2507167  
Report Date: 08/11/25 13:14

Client Sample ID: ER - MC - DUP  
Lab Sample ID: 2507167-02  
Sampled By: Jeff Fisher

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	224.7	1		MPN/100m L	1	B25G118	30-Jul-25	31-Jul-25	SM 9223 B	
Fecal Coliforms	150	1.7	1.7	CFU/100 mL	"	B25G117	30-Jul-25	31-Jul-25	SM 9222 D	

Alaska State Environmental Health Laboratory

*Dena L Cologgi*

Dena L Cologgi, 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: 2507167  
Report Date: 08/11/25 13:14

Client Sample ID: ER - NF  
Lab Sample ID: 2507167-03  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	28.5	1		MPN/100m L	1	B25G118	30-Jul-25	31-Jul-25	SM 9223 B	
Fecal Coliforms	15	1.0	1.0	CFU/100 mL	"	B25G117	30-Jul-25	31-Jul-25	SM 9222 D	

Alaska State Environmental Health Laboratory

*Dena L Cologgi*

Dena L Cologgi, 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: 2507167  
Report Date: 08/11/25 13:14

Client Sample ID: ER - SF  
Lab Sample ID: 2507167-04  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	12.2	1		MPN/100m L	1	B25G118	30-Jul-25	31-Jul-25	SM 9223 B	
Fecal Coliforms	4.0	1.0	1.0	CFU/100 mL	"	B25G117	30-Jul-25	31-Jul-25	SM 9222 D	

Alaska State Environmental Health Laboratory

*Dena L Cologgi*

Dena L Cologgi, 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: 2507167  
Report Date: 08/11/25 13:14

Client Sample ID: ER-GB  
Lab Sample ID: 2507167-05  
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	B25G118	30-Jul-25	31-Jul-25	SM 9223 B	
Fecal Coliforms	14	1.0	1.0	CFU/100 mL	"	B25G117	30-Jul-25	31-Jul-25	SM 9222 D	

Alaska State Environmental Health Laboratory

*Dena L Cologgi*

Dena L Cologgi, 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.*

laboratory  
e

Thank  
you!

S



ETA: 12:10 PM



i of

## Environmental Health Laboratory

Client Contact		Project Manager: Mary Inovejas		Site Contact:		Date: 7/30/25		COC No: 2507167	
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	7/30/25	9:00 AM	G	W	2	X	X		-01
ER-MC-DUP		9:00 AM			2	X	X		-02
ER-NF		9:30 AM			2	X	X		-03
ER-SF		10:10 AM			2	X	X		-04
ER-GB	✓	10:45 AM	✓	✓	2	X	X		-05
Trip Blank									
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ 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: <div style="text-align: right;">5.7°C</div>									
Relinquished by:	Company: ADEC	Date/Time: 7/30/25 11:30 AM	Received by: Steve R. Crupi		Company: ADEC ETL	Date/Time: 7/30/25 11:58			
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 #:

2507167

# 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 H

Shipment Tracking # \_\_\_\_\_

Sample Temperature @ Receipt: 5.7 °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 IDEXX Bottles

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