



# 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: 2408145**  
**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".

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**Danika Buzby-Rynders**  
**Program Coordinator 2**  
[danika.buzby-rynders@alaska.gov](mailto:danika.buzby-rynders@alaska.gov)

**Report Date: 09/11/2024**



*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: 2408145  
Report Date: 09/11/2024 10:02

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Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2408145-01	ER-NF	Default Cooler	2.5	8/27/24 9:35 am	8/27/24 12:00 pm
2408145-02	ER-SF	Default Cooler	2.5	8/27/24 10:15 am	8/27/24 12:00 pm
2408145-03	ER-GB	Default Cooler	2.5	8/27/24 10:45 am	8/27/24 12:00 pm
2408145-04	ER-VFW	Default Cooler	2.5	8/27/24 11:15 am	8/27/24 12:00 pm
2408145-05	ER-VFW-DUP	Default Cooler	2.5	8/27/24 11:15 am	8/27/24 12:00 pm

## Methods

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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


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## Notes and Definitions

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Danika Buzby-Rynders, Program Coordinator 2

# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2408145  
Report Date: 09/11/24 10:02

Client Sample ID: ER-NF  
Lab Sample ID: 2408145-01  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	41.7	1		MPN/100m L	1	B24H117	27-Aug-24	28-Aug-24	SM 9223 B	
Fecal Coliforms	15	1.0	1.0	CFU/100 mL	"	B24H116	27-Aug-24	28-Aug-24	SM 9222 D	

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Danika Buzby-Rynders, Program Coordinator 2

# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2408145  
Report Date: 09/11/24 10:02

Client Sample ID: ER-SF  
Lab Sample ID: 2408145-02  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	6.3	1		MPN/100m L	1	B24H117	27-Aug-24	28-Aug-24	SM 9223 B	
Fecal Coliforms	<1	1.0	1.0	CFU/100 mL	"	B24H116	27-Aug-24	28-Aug-24	SM 9222 D	

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# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2408145  
Report Date: 09/11/24 10:02

Client Sample ID: ER-GB  
Lab Sample ID: 2408145-03  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	13.5	1		MPN/100m L	1	B24H117	27-Aug-24	28-Aug-24	SM 9223 B	
Fecal Coliforms	17	1.0	1.0	CFU/100 mL	"	B24H116	27-Aug-24	28-Aug-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2408145  
Report Date: 09/11/24 10:02

Client Sample ID: ER-VFW  
Lab Sample ID: 2408145-04  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>E. coli</b>	<b>17.3</b>	1		MPN/100m L	1	B24H117	27-Aug-24	28-Aug-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>27</b>	1.0	1.0	CFU/100 mL	"	B24H116	27-Aug-24	28-Aug-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2408145  
Report Date: 09/11/24 10:02

Client Sample ID: ER-VFW-DUP  
Lab Sample ID: 2408145-05  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>E. coli</b>	<b>18.7</b>	1		MPN/100m L	1	B24H117	27-Aug-24	28-Aug-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>16</b>	1.0	1.0	CFU/100 mL	"	B24H116	27-Aug-24	28-Aug-24	SM 9222 D	

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

Thank you!

ATTN: DANIKA

ETA: 12:00



1 of 1

Submission Form & Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Ashley Oleksiak			Site Contact:			Date: 8/27/24			COC No: 2408145					
ADEC		Tel/Fax: 907-376-1865			Lab Contact: Patryce McKinney			Carrier:			Comments:					
Division of Water		Analysis Turnaround Time			Colbert 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		8/27/24	9:35 AM	G	W	2	1	1				-01				
ER-SF			10:15 AM			2	1	1				-02				
ER-GB			10:45 AM			2	1	1				-03				
ER-VFW			11:15 AM			2	1	1				-04				
ER-VFW-DUP		↓	11:15 AM	↓	↓	2	1	1				-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)									
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							<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: ADEC		Date/Time: 8/27/24 12:00 PM		Received by:		Company: ADEC EHL		Date/Time: 8/27/24 12:00						
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 #: 24084US  
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: 2.5 °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
- 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_