



# 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: 2405038**  
**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: 05/23/2024**



*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: 2405038  
Report Date: 05/23/2024 11:51

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2405038-01	ER-NF	Default Cooler	0.1	5/9/24 10:00 am	5/9/24 12:48 pm
2405038-02	ER-SF	Default Cooler	0.1	5/9/24 10:45 am	5/9/24 12:48 pm
2405038-03	ER-GB	Default Cooler	0.1	5/9/24 11:20 am	5/9/24 12:48 pm
2405038-04	ER-GB-DUP	Default Cooler	0.1	5/9/24 11:20 am	5/9/24 12:48 pm
2405038-05	ER-VFW	Default Cooler	0.1	5/9/24 12:10 pm	5/9/24 12:48 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

## Notes and Definitions

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Danika Buzby-Rynders, Program Coordinator 2

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2405038  
Report Date: 05/23/24 11:51

Client Sample ID: ER-NF  
Lab Sample ID: 2405038-01  
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	<1	1		MPN/100m L	1	B24E029	09-May-24	10-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E028	09-May-24	10-May-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2405038  
Report Date: 05/23/24 11:51

Client Sample ID: ER-SF  
Lab Sample ID: 2405038-02  
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	1	1		MPN/100m L	1	B24E029	09-May-24	10-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E028	09-May-24	10-May-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2405038  
Report Date: 05/23/24 11:51

Client Sample ID: ER-GB  
Lab Sample ID: 2405038-03  
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	6.3	1		MPN/100m L	1	B24E029	09-May-24	10-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E028	09-May-24	10-May-24	SM 9222 D	

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# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2405038  
Report Date: 05/23/24 11:51

Client Sample ID: ER-GB-DUP  
Lab Sample ID: 2405038-04  
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	4.1	1		MPN/100m L	1	B24E029	09-May-24	10-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E028	09-May-24	10-May-24	SM 9222 D	

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# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2405038  
Report Date: 05/23/24 11:51

Client Sample ID: ER-VFW  
Lab Sample ID: 2405038-05  
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>E. coli</b>	<b>12.1</b>	1		MPN/100m L	1	B24E029	09-May-24	10-May-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>4.0</b>	1.0	1.0	CFU/100 mL	"	B24E028	09-May-24	10-May-24	SM 9222 D	

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Attn: Patryce  
 Thank you!  
 ☺

ETA: 12:50 PM

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Submission Form & Chain of Custody Record

Client Contact		Project Manager: Ashley Oleksiak		Site Contact:		Date: 5/9/2024		Environmental Health Laboratory	
ADEC		Tel/Fax: 907-376-1865		Lab Contact: Patryce McKinney		Carrier:		COC No: 2405038	
Division of Water		Analysis Turnaround Time		Fresh Water Samples		Coliform MPN - E. coli (SM9223B) Fecal Coliforms (mFC) (SM9122D)		Comments:	
Ashley Oleksiak		Standard: 10 Work Days (W)							
1700 E. Bogard Rd, Bldg B, Ste 103									
Wasilla, AK 99650									
Project Name: Eagle River									
Project Number: WQ RSA FY24									
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.				EHL Sample # (EHL use only)
ER - NF	5/9/24	10:00 AM	AMB	W	2	1	1		-01
ER - SF		10:45 AM			2	1	1		-02
ER - GB		11:20 AM			2	1	1		-03
ER - GB - DUP		11:20 AM			2	1	1		-04
ER - VFW	↓	12:10 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:									
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
[Signature]				5/9/24 12:45		[Signature]		AKDEC EHL	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
						[Signature]		AKDEC EHL 5/9/24 12:48	

G:\EHL\Lab\Customer Service\Division of Water\FY25 Eagle River\DOW Eagle River COC.xlsx





# 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 #: 2405038 # 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: 0.1 °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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_