



# 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: 2407141**  
**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: 08/05/2024**



*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: 2407141  
Report Date: 08/05/2024 12:40

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Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2407141-01	ER-NF	Default Cooler	2.9	7/29/24 9:35 am	7/29/24 12:39 pm
2407141-02	ER-SF	Default Cooler	2.9	7/29/24 10:15 am	7/29/24 12:39 pm
2407141-03	ER-SF-DUP	Default Cooler	2.9	7/29/24 10:15 am	7/29/24 12:39 pm
2407141-04	ER-GB	Default Cooler	2.9	7/29/24 11:00 am	7/29/24 12:39 pm
2407141-05	ER-VFW	Default Cooler	2.9	7/29/24 11:45 am	7/29/24 12:39 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

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# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2407141  
Report Date: 08/05/24 12:40

Client Sample ID: ER-NF  
Lab Sample ID: 2407141-01  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	32.3	1		MPN/100m L	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
Fecal Coliforms	85	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2407141  
Report Date: 08/05/24 12:40

Client Sample ID: ER-SF  
Lab Sample ID: 2407141-02  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	43.2	1		MPN/100m L	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
Fecal Coliforms	32	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

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# Analytical Data


Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2407141  
Report Date: 08/05/24 12:40

Client Sample ID: ER-SF-DUP  
Lab Sample ID: 2407141-03  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>E. coli</b>	<b>35</b>	1		MPN/100m L	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>27</b>	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2407141  
Report Date: 08/05/24 12:40

Client Sample ID: ER-GB  
Lab Sample ID: 2407141-04  
Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>E. coli</b>	<b>8.6</b>	1		MPN/100m L	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>14</b>	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

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# Analytical Data

Client: AKDEC Division of Water  
Project: Eagle River

Work Order: 2407141  
Report Date: 08/05/24 12:40

Client Sample ID: ER-VFW  
Lab Sample ID: 2407141-05  
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	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
<b>Fecal Coliforms</b>	<b>17</b>	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

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# 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 #: 2407141

# of Samples: 5

Client: ADEC 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: 2.9 °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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_