



ANALYTICAL REPORT

Alaska State Environmental Health Laboratory
5251 Dr. Martin Luther King Jr. Avenue
Anchorage, AK 99507
www.dec.alaska.gov/eh/lab

Work Order Number: 2405072
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".

Danika Buzby-Rynders
Program Coordinator 2
danika.buzby-rynders@alaska.gov

Report Date: 05/28/2024



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: 2405072
Report Date: 05/28/2024 12:51

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2405072-01	ER-NF	Default Cooler	3.3	5/20/24 9:45 am	5/20/24 1:02 pm
2405072-02	ER-SF	Default Cooler	3.3	5/20/24 10:35 am	5/20/24 1:02 pm
2405072-03	ER-GB	Default Cooler	3.3	5/20/24 11:40 am	5/20/24 1:02 pm
2405072-04	ER-VFW	Default Cooler	3.3	5/20/24 12:15 pm	5/20/24 1:02 pm
2405072-05	ER-VFW-DUP	Default Cooler	3.3	5/20/24 12:15 pm	5/20/24 1:02 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

Alaska State Environmental Health Laboratory



Danika Buzby-Rynders, Program Coordinator 2

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405072
Report Date: 05/28/24 12:51

Client Sample ID: ER-NF
Lab Sample ID: 2405072-01
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	2	1		MPN/100m L	1	B24E104	20-May-24	21-May-24	SM 9223 B	
Fecal Coliforms	2.0	1.0	1.0	CFU/100 mL	"	B24E103	20-May-24	21-May-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405072
Report Date: 05/28/24 12:51

Client Sample ID: ER-SF
Lab Sample ID: 2405072-02
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	B24E104	20-May-24	21-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E103	20-May-24	21-May-24	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405072
Report Date: 05/28/24 12:51

Client Sample ID: ER-GB
Lab Sample ID: 2405072-03
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	B24E104	20-May-24	21-May-24	SM 9223 B	
Fecal Coliforms	5.0	1.0	1.0	CFU/100 mL	"	B24E103	20-May-24	21-May-24	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405072
Report Date: 05/28/24 12:51

Client Sample ID: ER-VFW
Lab Sample ID: 2405072-04
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	B24E104	20-May-24	21-May-24	SM 9223 B	
Fecal Coliforms	1.0	1.0	1.0	CFU/100 mL	"	B24E103	20-May-24	21-May-24	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405072
Report Date: 05/28/24 12:51

Client Sample ID: ER-VFW-DUP
Lab Sample ID: 2405072-05
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	2	1		MPN/100m L	1	B24E104	20-May-24	21-May-24	SM 9223 B	
Fecal Coliforms	ND	1.0	1.0	CFU/100 mL	"	B24E103	20-May-24	21-May-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 #: 2405072

of Samples: 5 x 2 containers each

Client: AKDEC Dow

Sample Matrix: water + TC dec 5/20/24

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: 3.3 °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 Bottles

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: Submitted by Laura Eldred. Sampled by Ashley Oleksiak. dec 5/20/24