



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: 2405007
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: 05/16/2024



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: 2405007
Report Date: 05/16/2024 16:07

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2405007-01	ER-NF	Default Cooler	1.5	5/2/24 10:00 am	5/2/24 1:58 pm
2405007-02	ER-SF	Default Cooler	1.5	5/2/24 11:10 am	5/2/24 1:58 pm
2405007-03	ER-GB	Default Cooler	1.5	5/2/24 12:20 pm	5/2/24 1:58 pm
2405007-04	ER-VFW	Default Cooler	1.5	5/2/24 1:15 pm	5/2/24 1:58 pm
2405007-05	ER-VFW DUP	Default Cooler	1.5	5/2/24 1:15 pm	5/2/24 1:58 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: 2405007
Report Date: 05/16/24 16:07

Client Sample ID: ER-NF
Lab Sample ID: 2405007-01
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	NOT FOUND	1		MPN/100mL	1	B24E012	02-May-24	03-May-24	SM 9223 B	
Fecal Coliforms	ND	2.0	2.0	CFU/100 mL	2	B24E011	02-May-24	03-May-24	SM 9222 D	

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Analytical Data


Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405007
Report Date: 05/16/24 16:07

Client Sample ID: ER-SF
Lab Sample ID: 2405007-02
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	B24E012	02-May-24	03-May-24	SM 9223 B	
Fecal Coliforms	ND	2.0	2.0	CFU/100 mL	2	B24E011	02-May-24	03-May-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405007
Report Date: 05/16/24 16:07

Client Sample ID: ER-GB
Lab Sample ID: 2405007-03
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	5.2	1		MPN/100m L	1	B24E012	02-May-24	03-May-24	SM 9223 B	
Fecal Coliforms	6.7	1.7	1.7	CFU/100 mL	1.67	B24E011	02-May-24	03-May-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405007
Report Date: 05/16/24 16:07

Client Sample ID: ER-VFW
Lab Sample ID: 2405007-04
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	10.9	1		MPN/100m L	1	B24E012	02-May-24	03-May-24	SM 9223 B	
Fecal Coliforms	ND	2.0	2.0	CFU/100 mL	2	B24E011	02-May-24	03-May-24	SM 9222 D	

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2405007
Report Date: 05/16/24 16:07

Client Sample ID: ER-VFW DUP
Lab Sample ID: 2405007-05
Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	9.7	1		MPN/100m L	1	B24E012	02-May-24	03-May-24	SM 9223 B	
Fecal Coliforms	ND	2.0	2.0	CFU/100 mL	2	B24E011	02-May-24	03-May-24	SM 9222 D	

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Danika Buzby-Rynders, Program Coordinator 2

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

Attn: Patryce
 thank you ☺

ETA: 2:15 PM

16f1



Submission Form & Chain of Custody Record

Environmental Health Laboratory

Client Contact		Project Manager: Ashley Oleksiak				Site Contact:		Date: 5/2/24		COC No: 2405057	
ADEC		Tel/Fax: 907-376-1865				Lab Contact: Patryce McKinney		Carrier:		Comments:	
Division of Water		Analysis Turnaround Time				ColiBert 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 FY24											
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.					EHL Sample # (EHL use only)	
ER-NF	5/2/24	10:00	G	W	2	1	1			-01	
ER-SF		11:10	G	W	2	1	1			-02	
ER-GB		12:26	G	W	2	1	1			-03	
ER-VFW		1:15 PM	G	W	2	1	1			-04	
ER-VFW-Dup		1:15 PM	G	W	2	1	1			-05	
Trip Blank	1.5°C										
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:	Date/Time: 5/2/24 1:15 PM	Received by:	Company:	Date/Time:						
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:						
Relinquished by:	Company:	Date/Time:	Received by: KCT 13:58	Company: EHL	Date/Time: 5/2/24 13:58						

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 #: 2405007
Client: ARDEC-DOW

of Samples: 5 samples 10 bottles
Sample Matrix: Water

COC Seals:

<input type="checkbox"/>	On Shipping Container	Intact? Y/N
<input type="checkbox"/>	On Sample Packaging	Intact? Y/N
<input checked="" type="checkbox"/>	None	

Received via:

<input type="checkbox"/>	USPS	<input checked="" type="checkbox"/>	Delivered by Client/Client Courier
<input type="checkbox"/>	UPS	<input type="checkbox"/>	Courier Shipper: _____
<input type="checkbox"/>	FedEx	<input type="checkbox"/>	Other _____

Shipment Tracking # _____

Sample Temperature @ Receipt: 1.5 °C

Thermometer ID (circle one): A19E080, calibration due 12/29/2024
Other: _____

Shipping Container Type:

<input type="checkbox"/>	Box
<input checked="" type="checkbox"/>	Cooler
<input type="checkbox"/>	Envelope
<input type="checkbox"/>	Hand Carry
<input type="checkbox"/>	Styro-Box
<input type="checkbox"/>	Other _____

Sample Packaging Type:

<input type="checkbox"/>	Plastic/Ziploc Bag
<input checked="" type="checkbox"/>	Plastic/Glass Vial/Jar
<input type="checkbox"/>	Whirl Pak Bag
<input type="checkbox"/>	Vacuum Packaging
<input type="checkbox"/>	Commercial Packaging
<input type="checkbox"/>	Blood Tubes
<input type="checkbox"/>	Other _____

Refrigerant:

<input type="checkbox"/>	Dry Ice
<input checked="" type="checkbox"/>	Gel/Ice Pack
<input type="checkbox"/>	Water Ice
<input type="checkbox"/>	Other _____
<input type="checkbox"/>	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 type="checkbox"/>	N	<input type="checkbox"/>	Meets Temp Requirements?	Y	<input type="checkbox"/>	N	<input type="checkbox"/>
IDs/Times/Dates Match Form?	Y	<input type="checkbox"/>	N	<input type="checkbox"/>	Adequate Amount for Tests?	Y	<input type="checkbox"/>	N	<input type="checkbox"/>

Sample Submission Form:

Sample Submission Form Complete?	Y	<input checked="" type="checkbox"/>	N	<input type="checkbox"/>
Client Contacted Regarding Incomplete Data?	N	<input type="checkbox"/>	Y	<input type="checkbox"/>

Provide details below in "Comments" section.

Comments: _____

