

#### **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: 2407156 Project Name: Eagle River

For:

AKDEC Division of Water 555 Cordova Street Anchorage, AK 99501-2617

Attn: Ashley Oleksiak

Danika Buzby-Rynders Program Coordinator 2

danika.buzby-rynders@alaska.gov

Report Date: 08/09/2024



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 Work Order: 2407156
Project: Eagle River Report Date: 08/09/2024 9:48

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2407156-01	ER-NF	Default Cooler	2.2	7/31/24 9:30 am	7/31/24 1:41 pm
2407156-02	ER-NF-DUP	Default Cooler	2.2	7/31/24 9:30 am	7/31/24 1:41 pm
2407156-03	ER-SF	Default Cooler	2.2	7/31/24 10:15 am	7/31/24 1:41 pm
2407156-04	ER-GB	Default Cooler	2.2	7/31/24 10:55 am	7/31/24 1:41 pm
2407156-05	ER-VFW	Default Cooler	2.2	7/31/24 12:00 pm	7/31/24 1:41 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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Client: AKDEC Division of Water Work Order: 2407156
Project: Eagle River Report Date: 08/09/24 9:48

Client Sample ID: ER-NF Lab Sample ID: 2407156-01 Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	14.5	1		MPN/100m	1	B24G129	31-Jul-24	01-Aug-24	SM 9223 B	
				L						
Fecal Coliforms	33	1.0	1.0	CFU/100	"	B24G128	31-Jul-24	01-Aug-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2407156
Project: Eagle River Report Date: 08/09/24 9:48

Client Sample ID: ER-NF-DUP Lab Sample ID: 2407156-02 Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	15.8	1		MPN/100m	1	B24G129	31-Jul-24	01-Aug-24	SM 9223 B	
				L						
Fecal Coliforms	25	1.0	1.0	CFU/100	"	B24G128	31-Jul-24	01-Aug-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2407156
Project: Eagle River Report Date: 08/09/24 9:48

Client Sample ID: ER-SF Lab Sample ID: 2407156-03 Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	2	1		MPN/100m	1	B24G129	31-Jul-24	01-Aug-24	SM 9223 B	
				L						
Fecal Coliforms	1.0	1.0	1.0	CFU/100	"	B24G128	31-Jul-24	01-Aug-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2407156
Project: Eagle River Report Date: 08/09/24 9:48

Client Sample ID: ER-GB Lab Sample ID: 2407156-04 Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	14.5	1		MPN/100m	1	B24G129	31-Jul-24	01-Aug-24	SM 9223 B	
				L						
Fecal Coliforms	16	1.0	1.0	CFU/100	"	B24G128	31-Jul-24	01-Aug-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2407156
Project: Eagle River Report Date: 08/09/24 9:48

Client Sample ID: ER-VFW Lab Sample ID: 2407156-05 Sampled By: Mary Inovejas

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	10.8	1		MPN/100m	1	B24G129	31-Jul-24	01-Aug-24	SM 9223 B	
				L						
Fecal Coliforms	11	1.0	1.0	CFU/100	"	B24G128	31-Jul-24	01-Aug-24	SM 9222 D	
				mL						

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

# ATTN: Patry ce / Danika

## Submission Form & Chain of Custody Record



Client Contact	Project Managem Askler	N 1 - 1	_	ite Contact:			Environmental Health Laborator
ADEC	Tel/Fax: 907-376-1865					Date: 7/3//24	
Divison of Water	Analysis Turna	would Time	L	ab Contact: Patryce M	cKinney	Carrier:	COC No: 2407154
Ashley Oleksiak	Standard: 10 Wo						Comments:
1700 E. Bogard Rd., Bldg B, Ste 103	Standard: 10 W	ork Days (W)	-	(B)			
Wasilla, AK 99650				- E. coli (SM9223B) ns (mFC) (SM9222D			
Project Name: Eagle River				(SM)			
Project Number: WQ RSA FY25				il Coli			
		8	98	Coliforms (mFC) (SM9222B) Fecal Coliforms (mFC) (SM9222D)			
			100	Colilert MPN Fecal Coliforn			
East Service Constant		nple # of		I Co			
Sample Identification	Date Time T	pe Matrix Cont.		Coli			EHL Sample #
ER-NF	7/31/24 9:30 AM	2 W 2	П	1 1			(EHL use only)
ER-HE-DUP	9:30	2	Н	11	+H		-0
ER-SF	10:15 mm	2	Н				-02
ER-GB	10:55 AM	2	Н		+		-03
ER-VFW	12:00001		Н	1 1	+		-04
	T I Froobed	1 2		1 1			-05
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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4;	4-UNO2 5 N ON 1		1				
Possible Hazard Identification	4-HNO3; 5=NaOH; 6= Other		1				
Non-Hazard Flammable	Skin Irritant Poison B	Unknown	S	iample Disposal ( A	fee may be a	ssessed if samples are ret	ained longer than 1 month)
pecial Instructions/QC Requirements &	Comments:	Unknown	L	Return To Client	D	isposal By Lab (30 days)	hive For Months
	H-CONTROL PERSON						
							1 1
elinquished by:	To.						
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G:\EH\Eh-Lab\Customer Service\Division of Water\FY25 Eagle River\FY25 Eagle River COC.xls



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#: 246715	# of Samples	5
Client: DOW	Sample Matrix	: water
	Received via: tact? Y/N USPS tact? Y/N UPS FedEx Shipment Tra	Delivered by Client/Client Courier Courier Shipper: Other  Other
Sample Temperature @ Receipt:	2,2 ∘c	
	9E080, calibration due 12/29/2024 her:	
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	Refrigerant:  Dry Ice  Gel/Ice Pack  Water Ice Other None Notes:
Sample(s) and Sample Contained Intact? Correct Type? IDs/Times/Dates Match Form?	Y N Properly Pre	served? Y N N N N N N N N N N N N N N N N N N
Sample Submission Form: Sample Submission Form Comple Client Contacted Regarding Incom		ovide details below in "Comments" section.
Comments:		