

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: 2407141 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: 08/05/2024



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 Work Order: 2407141
Project: Eagle River Report Date: 08/05/2024 12:40

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

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

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client: AKDEC Division of Water Work Order: 2407141
Project: Eagle River 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	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
				L						
Fecal Coliforms	85	1.0	1.0	CFU/100	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	
				mL						

Alaska State Environmental Health Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client: AKDEC Division of Water Work Order: 2407141
Project: Eagle River 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	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
				L						
Fecal Coliforms	32	1.0	1.0	CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

Alaska State Environmental Health Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client: AKDEC Division of Water Work Order: 2407141
Project: Eagle River 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
E. coli	35	1		MPN/100m	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
				L						
Fecal Coliforms	27	1.0	1.0	CFU/100	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	
				mL						

Alaska State Environmental Health Laboratory

Danika Buzby-Rynders, Program Coordinator 2

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client: AKDEC Division of Water Work Order: 2407141
Project: Eagle River 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
E. coli	8.6	1		MPN/100m	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
Fecal Coliforms	14	1.0	1.0	L CFU/100 mL	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	

Alaska State Environmental Health Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client: AKDEC Division of Water Work Order: 2407141
Project: Eagle River 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
E. coli	18.7	1		MPN/100m	1	B24G112	29-Jul-24	30-Jul-24	SM 9223 B	
				L						
Fecal Coliforms	17	1.0	1.0	CFU/100	"	B24G111	29-Jul-24	30-Jul-24	SM 9222 D	
				mL						

Alaska State Environmental Health Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

State of Alaska

Environmental Health Laboratory

5251 Dr. MLK Jr. Avenue Anchorage, AK 99507 (907) 375-8200 ATTN Patry a Danika

ETA 12:40 PM

ALASKA Department of Environmental Convervation

Submission Form & Chain of Custody Record

	1
SKA	7
ment of	
mental	-
vation	
	W-inter

Client Contact	Project M	anager: As	hley Oleksia	ıl-		Io.		_							,			Envi	ronmer	ntal He	alth Lal	boratory
ADEC	Tel/Fax: 9	07-376-186	5	IK		116							129	121	1		No: \sum					
Divison of Water		Analysis 7	Turnaround	Time		200	The factor of the control of the con						Ca	rrier:		·				240	1141	
Ashley Oleksiak	S		10 Work Da															Com	ments:			
1700 E. Bogard Rd., Bldg B, Ste 103				.,5 (11)			3B)	22D)										- 1				
Wasilla, AK 99650							1922	M92			11		1									
Project Name: Eagle River							(S)	(S)					1									1
Project Number: WQ RSA FY25							coli	H.										ı				
							1 - E.	ms (11		1				
				T			MPN :	i lor		1												1
MARKET AMOUNT AMOUNT OF	Sample	Sample	Sample		# of		Colilert MPN - E. coli (SM9223B)	Fecal Coliforms (mFC) (SM9222D)	11													
Sample Identification	Date	Time	Type	Matrix			Coli	Fec					1							HL San		
ER-NE	7/29/24	9:35 M	1 G	W	2-		1	t	Ħ		П	+	H		\vdash	+	+	0.802	(E	EHL use	only)	
ER-SF	1	10:15m	. \		2	1			+	+	\forall	+	Н		-		++				-9	
ER-SF-DUP ER-GB ER-VFW		10:15 AM			2	1	11	+	+	+	H	+	H	-	-	H	-			-	-02	
ER-GB		11:00 HM			2	+	1 1	-	\vdash	+	\vdash	-	H		+		44			-	-03	
FR-VEIN	-	11:45 ATA			2	+	1 1	+	\vdash	-	\perp	_	\sqcup								04	
CF 41.02	-	(Ivan Chill)		1	-		1														05	
2			#			1											+				00	
						+	+	+		\vdash	+	-	\vdash	+	+	\vdash	++	100000				
	1				\rightarrow	+	_	+		\perp												
						1					١,				-							
		- 1				T		T							\top			1000000				
						$^{+}$	+	+	-	+	+	-	\vdash	+	\perp							
	-				_	1	_															
					.	1												10.000				100.50
						T		H	\top		+	+	\vdash	++	+	-	++	200 F 183				
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4;	4=HNO3: 5=N	οOU: 6= 0)ab			+			ㅗ		ᆚ	\perp										
Possible Hazard Identification	. 11103, 3-11	(aOII, 0= (otner			1		I- D'														
Non-Hazard Flammable] Skin Irritant	\square_{Pois}	on R	Unkr		ľ	ampi	e Dis	posai	(Ate	ee ma	y be	asses	ssed if	sample	es are	retaine	d longer	than 1	month)		
Special Instructions/QC Requirements &	Comments:	7 073	OH B	Onki	own	L		Retur	n To C	lient			Dispos	sal By L	ab (30	days)		hive F	or		Months	
9-																						\Box
																						ΙI
Relinquished by:	Company:		Ī	Date/Time		Re	eceive	d by:			-			Comp	anv.			Date/Tin				\sqcup
Relinquished by:	ADEC			Date/Time	139 pm									Comp	arry.			Date/1in	ie:			
considerable by:	Company:		L	Date/Time		Re	eceive	d by:						Comp	any:			Date/Tim	ne:			
								1						1	*			July 1 III				_
Relinquished by:	Company:		D	Date/Time:				d by:		1/	1		Company: Da					Date/Tim				
						-	-}	1	1	1/1	1	-		AI	ME	OF	T-P1	7/79		.) .	2. 20	
						_	1,			1	/			111/	100	-	116	11/9	1/11	NI	1.0	

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



no or com	F of Samples: Sample Matrix: Worker										
COC Seals: On Shipping Container Intact? Y/N On Sample Packaging Intact? Y/N None Received v USPS UPS FedEx	Delivered by Client/Client Courier Shipper: Other										
Shipment Tracking #Sample Temperature @ Receipt: 2.9 °C											
Thermometer ID (circle one): A19E080, calibration due 1											
Shipping Container Type: Box Cooler Envelope Hand Carry Styro-Box Other Sample Packaging Plastic/Ziploc I Plastic/Glass V Vacuum Packaging Vacuum Packaging Plastic/Ziploc I Plastic/Class V Vacuum Packaging Vacuum Packaging Other Sample Packaging Plastic/Ziploc I Plastic/Jiploc I Plastic/Jipl	Bag Dry Ice										
Sample(s) and Sample Containers: Intact?	Properly Preserved? Meets Temp Requirements? Adequate Amount for Tests? Y N										
Sample Submission Form: Sample Submission Form Complete? Client Contacted Regarding Incomplete Data?	N Provide details below in "Comments" see	ction.									
Comments:											