

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: 2405119 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: 06/12/2024



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: 2405119
Project: Eagle River Report Date: 06/12/2024 12:45

Lab Sample ID	Client Sample ID	Cooler	Temp C	Collected	Received
2405119-01	ER-NF	Default Cooler	2.0	5/29/24 9:40 am	5/29/24 12:40 pm
2405119-02	ER-SF	Default Cooler	2.0	5/29/24 10:25 am	5/29/24 12:40 pm
2405119-03	ER-GB	Default Cooler	2.0	5/29/24 11:05 am	5/29/24 12:40 pm
2405119-04	ER-GB-DUP	Default Cooler	2.0	5/29/24 11:05 am	5/29/24 12:40 pm
2405119-05	ER-VFW	Default Cooler	2.0	5/29/24 12:00 pm	5/29/24 12:40 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: 2405119
Project: Eagle River Report Date: 06/12/24 12:45

Client Sample ID: ER-NF Lab Sample ID: 2405119-01 Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	127.4	1		MPN/100m	1	B24E132	29-May-24	30-May-24	SM 9223 B	
				L						
Fecal Coliforms	40	1.0	1.0	CFU/100	"	B24E131	29-May-24	30-May-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2405119
Project: Eagle River Report Date: 06/12/24 12:45

Client Sample ID: ER-SF Lab Sample ID: 2405119-02 Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	4.1	1		MPN/100m	1	B24E132	29-May-24	30-May-24	SM 9223 B	
				L						
Fecal Coliforms	<1.1	1.0	1.0	CFU/100	"	B24E131	29-May-24	30-May-24	SM 9222 D	
				mĬ						

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Client: AKDEC Division of Water Work Order: 2405119
Project: Eagle River Report Date: 06/12/24 12:45

Client Sample ID: ER-GB Lab Sample ID: 2405119-03 Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	36.4	1		MPN/100m	1	B24E132	29-May-24	30-May-24	SM 9223 B	
				L						
Fecal Coliforms	40	1.0	1.0	CFU/100	"	B24E131	29-May-24	30-May-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2405119
Project: Eagle River Report Date: 06/12/24 12:45

Client Sample ID: ER-GB-DUP Lab Sample ID: 2405119-04 Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	47.1	1		MPN/100m	1	B24E132	29-May-24	30-May-24	SM 9223 B	
Fecal Coliforms	23	1.0	1.0	L CFU/100	,,	B24E131	29-May-24	30-May-24	SM 9222 D	
recai Comorms	23	1.0	1.0	mL		D27E131	29-1v1dy-24	50-1v1dy-24	51VI 7222 D	

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Client: AKDEC Division of Water Work Order: 2405119
Project: Eagle River Report Date: 06/12/24 12:45

Client Sample ID: ER-VFW Lab Sample ID: 2405119-05 Sampled By: Ashley Oleksiak

Analyte	Result	Reporting Limit	Detection Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E. coli	45.7	1		MPN/100m	1	B24E132	29-May-24	30-May-24	SM 9223 B	
				L						
Fecal Coliforms	31	1.0	1.0	CFU/100	"	B24E131	29-May-24	30-May-24	SM 9222 D	
				mL						

Alaska State Environmental Health Laboratory

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

ATTN Patry Ce
ETA: 12:45 PM

Submission Form & Chain of Custody Record





(907) 373-8200	go.								
Client Contact	Project Manager: Ashle	Project Manager: Ashley Oleksiak			Contact:				Environmental Health Laboratory
ADEC	Tel/Fax: 907-376-1865	Tel/Fax: 907-376-1865			T I C			e: 5/29/24	- COC No: 74NT 119
Divison of Water	Analysis Tu	naround Time	100	T	TT	Tun yee Merchiney	Car	rier:	-10511
Ashley Oleksiak	Standard: 10	Standard: 10 Work Days (W)			18				Comments:
1700 E. Bogard Rd, Bldg B, Ste 103				23 B	2221				
Wasilla, AK 99650				M97	SM9				
Project Name: Eagle River	Fresh Wat	er Samples		(S)	0				
Project Number: WQ RSA FY24				00.3	(m.F				
				I Z	L IIIS				
				MP	olifo				
Sample Identification		Sample # of		Colilert MPN - E. coli (SM9223B)	Fecal Coliforms (mFC) (SM9222D)				
		Type Matrix Cont.		ပိ	Fec				EHL Sample # (EHL use only)
ER-NF	5/29/24 9:40	6 W 2		1	1		T		SPECIAL SECTION AND ADDRESS OF THE PROPERTY OF
ER-SF	10:25	1 1 2	Н	1			+		-01
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ER-GB-DUP	1.	1 2	Н	1	1	+++++	\perp		-03
ER-VFW	10.1.000	2	4	1	1				-04
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			1						
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Trip Blank			+	-	-	++++	\vdash	+	
reservation Used: 1= Ice, 2= HCl; 3= H2SO4	: 4=HNO3: 5=NaOU. (Ou		+						
Possible Hazard Identification	, 4 mros, 5-raon; 6- Oth	er	4	C					
Non-Hazard Flammable	Skin Irritant Poison	B Unknown	13	San	pie Dis	posal (A fee may be	assess	sed if samples are retair	ned longer than 1 month)
pecial Instructions/QC Requirements	& Comments:	D Unknown	_	_	Retur	n To Client	Dispos	al By Lab (45 days)	Archive For Months
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G:\EH\Eh-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 #: 240519 Client: AVFC DOW	# of Samples: Sample Matrix:	5tTC Water
COC Seals: On Shipping Container Intact? Y/N USF On Sample Packaging Intact? Y/N UPS None Fedli	es S Ex	Delivered by Client/Client Courier Courier Shipper: Other
Sample Temperature @ Receipt: 2.0 °C	Snipment Tracking	#
Thermometer ID (circle one): A19E080, calibration due	<u> 12/29/2024</u> 	
Shipping Container Type: Box Cooler Envelope Hand Carry Styro-Box Other Other Sample Packagi Plastic/Ziplor Plastic/Glass Whirl Pak Ba Vacuum Pac Commercial Blood Tubes Other	c Bag s Vial/Jar ag kaging Packaging	Refrigerant: Dry Ice Gel/Ice Pack Water Ice Other None Notes:
Sample(s) and Sample Containers: Intact? Y N Correct Type? Y IDs/Times/Dates Match Form? Y N	Properly Preserved Meets Temp Requ Adequate Amount	irements? Y O N
Sample Submission Form: Sample Submission Form Complete? Client Contacted Regarding Incomplete Data? Y Comments:	N Provide	details below in "Comments" section.
Comments:		