

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

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 Work Order: 2405072
Project: Eagle River 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

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Client: AKDEC Division of Water Work Order: 2405072
Project: Eagle River 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	1	B24E104	20-May-24	21-May-24	SM 9223 B	
				L						
Fecal Coliforms	2.0	1.0	1.0	CFU/100	"	B24E103	20-May-24	21-May-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2405072
Project: Eagle River 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	1	B24E104	20-May-24	21-May-24	SM 9223 B	
				L						
Fecal Coliforms	ND	1.0	1.0	CFU/100	"	B24E103	20-May-24	21-May-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2405072
Project: Eagle River 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	1	B24E104	20-May-24	21-May-24	SM 9223 B	
				L						
Fecal Coliforms	5.0	1.0	1.0	CFU/100	"	B24E103	20-May-24	21-May-24	SM 9222 D	
				mL						

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Client: AKDEC Division of Water Work Order: 2405072
Project: Eagle River 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	1	B24E104	20-May-24	21-May-24	SM 9223 B	
				L						
Fecal Coliforms	1.0	1.0	1.0	CFU/100	"	B24E103	20-May-24	21-May-24	SM 9222 D	
				mL						

Alaska State Environmental Health Laboratory

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Client: AKDEC Division of Water Work Order: 2405072
Project: Eagle River 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	1	B24E104	20-May-24	21-May-24	SM 9223 B	
				L						
Fecal Coliforms	ND	1.0	1.0	CFU/100	"	B24E103	20-May-24	21-May-24	SM 9222 D	
				mL						

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State of Alaska

Environmental Health Laboratory 5251 Dr. MLK Jr. Avenue

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ETA: 1:45 PM

Submission Form & Chain of Custody Record



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Anchorage, AK 99507 (907) 375-8200																			Environment	tal Health L	aboratory
Client Contact	Project Ma	nager: Ash	ıley Oleksial	(Site Contact: Date:						te:	5/2	0/202	24		COC No: 7	110015	17		
ADEC	Tel/Fax: 90	07-376-1865	5			Lab Contact: Patryce McKinney Carr							Car	Carrier:					1	4000	1
Divison of Water		Analysis T	urnaround	Time				1											Comments:		
Ashley Oleksiak	S	tandard: 1	0 Work Da	ys (W)			a	1 <u>6</u>			-										
1700 E. Bogard Rd, Bldg B, Ste 103							9223	1922													
Wasilla, AK 99650							SM	S	į I												
Project Name: Eagle River	F	resh W	ater Sar	nples			ilos	FC)													
Project Number: WQ RSA FY24							N - E. coli (SM9223B)	u) sm.													
Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.		Colilert MPN	Fecal Coliforms (mFC) (SM9222D)											Carthodol Visit District Stone Stone And Stone	HL Sample #	
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ER-6B		11:40R	Μ				1	1												-	03
ER-VFW		12:154	M					1 1												PART TO STATE	04
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ER-VAW-DUP	5/20/2	4 12:154	MG	W	2	F				\top	\dagger										-05
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Trip Blank							T														
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4;	=HNO3; 5=	=NaOH; 6=	Other																		
Possible Hazard Identification							Sá	mp	le Dispos	al (,	A fee	may b	100						l longer than 1	month)	
Non-Hazard Flammable	kin Irritant	\square_{Pa}	oison B	Uni	known		L	Ш	Return To	Clie	ent		Disp	osal	By Lat	(45 d	ays)	<u> </u>	mehive For	Mo	nths
Special Instructions/QC Requirements &	Comment	s:																			
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Relinquished by:	Company:	51		Date/Ti	me:/	1	Re	ceiv	red by:	10	11	-			Compa	ny:	(Date/Time:	4 13:0	7
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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



			5 x 2 containers
WO #:	05012	_ # of Samples:	<u> </u>
Client: AKDEC	DOW.	Sample Matrix:	1870 ter Du 5/20/24
COC Seals: On Shipping Contain On Sample Packagi None Sample Temperature @ F	ner Intact? Y/N ng Intact? Y/N Receipt: 3.3	<u>°C</u>	Delivered by Client/Client Courier Courier Shipper: Other g #
Shipping Container Typ Box Cooler Envelope Hand Carry Styro-Box Other	Pla: Pla: Wh Vac Cor	Packaging Type: stic/Ziploc Bag stic/Glass Vial/Jar irl Pak Bag cuum Packaging mmercial Packaging od Tubes her	Refrigerant: Dry Ice Gel/Ice Pack Water Ice Other None Notes:
Sample(s) and Sample of Intact? Correct Type? IDs/Times/Dates Match For Sample Submission For Client Contacted Regarding	Form? Y N N N N N N N N N N N N N N N N N N	Properly Preserve Meets Temp Req Adequate Amoun	uirements? Y N
Oleksiak,	9		sampled by Ashley