



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: 2505166
Project Name: Eagle River

For:

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

Attn: Mary Inovejas

Dena L Cologgi

Dena L Cologgi
Program Coordinator 2
dena.cologgi@alaska.gov



Report Date: 06/04/2025

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: 2505166
Report Date: 06/04/2025 16:12

| Lab Sample ID | Client Sample ID | Cooler | Temp C | Collected | Received |
|---------------|------------------|----------------|--------|------------------|-----------------|
| 2505166-01 | ER-MC | Default Cooler | 7.9 | 5/28/25 10:10 am | 5/28/25 1:17 pm |
| 2505166-02 | ER-NF | Default Cooler | 7.9 | 5/28/25 10:45 am | 5/28/25 1:17 pm |
| 2505166-03 | ER-SF | Default Cooler | 7.9 | 5/28/25 11:30 am | 5/28/25 1:17 pm |
| 2505166-04 | ER-GB | Default Cooler | 7.9 | 5/28/25 12:15 pm | 5/28/25 1:17 pm |
| 2505166-05 | ER-GB-DUP | Default Cooler | 7.9 | 5/28/25 12:15 pm | 5/28/25 1:17 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



Dena L Cologgi, Program Coordinator 2

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2505166
Report Date: 06/04/25 16:12

Client Sample ID: ER-MC
Lab Sample ID: 2505166-01
Sampled By: Mary Inovejas

| Analyte | Result | Reporting Limit | Detection Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|--------------------|---------------|----------|---------|-----------|-----------|-----------|-------|
| E. coli | 83.3 | 1 | | MPN/100m L | 1 | B25E148 | 28-May-25 | 29-May-25 | SM 9223 B | |
| Fecal Coliforms | 55 | 1.0 | 1.0 | CFU/100 mL | " | B25E149 | 28-May-25 | 29-May-25 | SM 9222 D | |

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2505166
Report Date: 06/04/25 16:12

Client Sample ID: ER-NF
Lab Sample ID: 2505166-02
Sampled By: Mary Inovejas

| Analyte | Result | Reporting Limit | Detection Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|--------------------|---------------|----------|---------|-----------|-----------|-----------|-------|
| E. coli | 1 | 1 | | MPN/100m L | 1 | B25E148 | 28-May-25 | 29-May-25 | SM 9223 B | |
| Fecal Coliforms | ND | 1.0 | 1.0 | CFU/100 mL | " | B25E149 | 28-May-25 | 29-May-25 | SM 9222 D | |

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2505166
Report Date: 06/04/25 16:12

Client Sample ID: ER-SF
Lab Sample ID: 2505166-03
Sampled By: Mary Inovejas

| Analyte | Result | Reporting Limit | Detection Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|--------------------|---------------|----------|---------|-----------|-----------|-----------|-------|
| E. coli | 6.3 | 1 | | MPN/100m L | 1 | B25E148 | 28-May-25 | 29-May-25 | SM 9223 B | |
| Fecal Coliforms | 1.0 | 1.0 | 1.0 | CFU/100 mL | " | B25E149 | 28-May-25 | 29-May-25 | SM 9222 D | |

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2505166
Report Date: 06/04/25 16:12

Client Sample ID: ER-GB
Lab Sample ID: 2505166-04
Sampled By: Mary Inovejas

| Analyte | Result | Reporting Limit | Detection Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|--------------------|--------------------|---------------|----------|---------|-----------|-----------|-----------|-------|
| E. coli | 1 | 1 | | MPN/100m L | 1 | B25E148 | 28-May-25 | 29-May-25 | SM 9223 B | |
| Fecal Coliforms | 1.0 | 1.0 | 1.0 | CFU/100 mL | " | B25E149 | 28-May-25 | 29-May-25 | SM 9222 D | |

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Analytical Data

Client: AKDEC Division of Water
Project: Eagle River

Work Order: 2505166
Report Date: 06/04/25 16:12

Client Sample ID: ER-GB-DUP
Lab Sample ID: 2505166-05
Sampled By: Mary Inovejas

| Analyte | Result | Reporting Limit | Detection Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|------------|--------------------|--------------------|---------------|----------|---------|-----------|-----------|-----------|-------|
| E. coli | <1.0 | 1 | | MPN/100m L | 1 | B25E148 | 28-May-25 | 29-May-25 | SM 9223 B | |
| Fecal Coliforms | 1.0 | 1.0 | 1.0 | CFU/100 mL | " | B25E149 | 28-May-25 | 29-May-25 | SM 9222 D | |

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

Thank
ory you!

A simple drawing of a smiling sun with rays. The sun is a circle with a curved line for a smile and two dots for eyes. Several short lines radiate from the top of the circle to represent sunbeams.

ATTN: Steve

ETA: 1:15 pm



1 of 1

Environmental Health Laboratory

| | | | | | | | | | |
|---|----------|--------------------------------|--------------------|---|---|------------|-----------------------------|-----------------|-----|
| Client Contact | | Project Manager: Mary Inovejas | | Site Contact: | | Date: | | COC No: 2505166 | |
| ADEG | | Tel/Fax: 907-269-7518 | | Lab Contact: Steve Crupi | | Carrier: | | Comments: | |
| Division of Water | | Analysis Turnaround Time | | ColiBert MPN - E. coli (SM9222B) Fecal Coliforms (mFC) (SM9222D) | | | | | |
| Mary Inovejas | | Standard: 10 Work Days (W) | | | | | | | |
| 555 Cordova St | | Fresh Water Samples | | | | | | | |
| Anchorage, AK 99501 | | | | | | | | | |
| Project Name: Eagle River | | | | | | | | | |
| Project Number: WQ RSA FY25 | | | | | | | | | |
| | | | | | | | | | |
| Sample Identification | | Sample Date | Sample Time | Sample Type | Matrix | # of Cont. | EHL Sample # (EHL use only) | | |
| ER-MC | 5/28 | 10:10 | G | W | | | XX | | -01 |
| ER-NF | | 10:45 | | | | | XX | | -02 |
| ER-SF | | 11:30 | | | | | XX | | -03 |
| ER-GB | | 12:15 | | | | | XX | | -04 |
| ER-GB-DUP | | 12:15 | | | | | XX | | -05 |
| Trip Blank | | | | | | | | | |
| Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other _____ | | | | | | | | | |
| Possible Hazard Identification | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | |
| <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: | | | | | | | | | |
| <div style="text-align: center;">13:17</div> | | | | | | | | | |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: | | | | |
| <i>[Signature]</i> | ISEC | 5/28/25 | <i>[Signature]</i> | AKDEC EHL | 5/28/25 13:17 | | | | |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: | | | | |
| | | | | | | | | | |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: | | | | |
| | | | | | | | | | |



ADEC EHL Sample Receipt Checklist

(form SC-11, rev 3/14/2025)

Environmental Health Laboratory

5251 Dr. MLK Jr. Ave., Anchorage, AK 99507

(907) 375-8200



WO #:

2505166

of Samples:

5

Client:

AKDEC Division of
Water

Sample Matrix:

Water

COC Seals:

☐ On Shipping Container Intact? Y/N
☐ On Sample Packaging Intact? Y/N
☒ None

Received via:

☐ USPS
☐ UPS
☐ FedEx

☒ Delivered by Client/Client Courier
☐ Courier Shipper: _____
☐ Other _____

Shipment Tracking # _____

Sample Temperature @ Receipt: 7.9 °C

Thermometer ID (circle one): A25C104, calibration due 1/06/2027

Other: _____

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 FedEx

Refrigerant:

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

Sample Submission/Tracking Forms:

| | | | | | |
|---|---|-------------------------------------|---|--------------------------|---|
| Sample Submission Form Complete? | Y | <input checked="" type="checkbox"/> | N | <input type="checkbox"/> | If yes, completed? (circle) Yes Provide details below in "Comments" section. |
| Sample Tracking Form Required? | N | <input checked="" type="checkbox"/> | Y | <input type="checkbox"/> | |
| Client Contacted Regarding Incomplete Data? | N | <input checked="" type="checkbox"/> | Y | <input type="checkbox"/> | |

Comments: _____