

POLLEN

ENVIRONMENTAL, LLC

3039 Davis Road Fairbanks, AK 99709 | 907.479.8368 | www.pollenenv.com

CERTIFICATE OF ANALYSIS

Alaska Department of Environmental Conservation

Attn: Jeff Fisher

610 University Avenue

Fairbanks, AK 99709

Phone: (907) 451-2347

E-mail: jeff.fisher@alaska.gov

Report Date: 7/26/2024

Receipt Date: 7/24/2024

Sample Date: 7/24/2024

Sample Time: 2:20 PM

Sampled By: JF

Project / Location: **Chena River Monitoring**

Client Sample ID: **Chena River Site 1**

Pollen Env. Lab ID: **PEF97227**

COC #: **DEC Chena River**

Sample Matrix: **Water**

Definitions:

MRL = Method Reporting Limit

MPN = Most Probable Number

CFU = Colony Forming Unit

mg/L = milligrams per Liter

M = Matrix Interference

E = Estimated Result

Comments: Comments: Fecal run started 7/24/2024 at 4:00 PM.

Comments: Comments: E. coli run started 7/24/2024 at 4:10 PM.

Parameter	Analysis Method	Result	Units	MRL	Analyst	Analysis Date	Notes
Fecal Coliform	SM9222D	24.0	CFU/100mL	1.0	JEP/JKI	7/24/2024	
E. coli	SM9223B-QT	21.6	MPN/100mL	1.0	JKI/JEP	7/24/2024	



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Report Date: 7/26/2024
 Receipt Date: 7/24/2024
 Sample Date: 7/24/2024
 Sample Time: 2:55 PM
 Sampled By: JF

Project / Location: **Chena River Monitoring**
 Client Sample ID: **Chena River Site 2**
 Pollen Env. Lab ID: **PEF97228**
 COC #: **DEC Chena River**
 Sample Matrix: **Water**

Definitions:
 MRL = Method Reporting Limit
 MPN = Most Probable Number
 CFU = Colony Forming Unit
 mg/L = milligrams per Liter
 M = Matrix Interference
 E = Estimated Result

Comments: Comments: Fecal run started 7/24/2024 at 4:00 PM.
Comments: Comments: E. coli run started 7/24/2024 at 4:10 PM.

Parameter	Analysis Method	Result	Units	MRL	Analyst	Analysis Date	Notes
Fecal Coliform	SM9222D	24.0	CFU/100mL	1.0	JEP/JKI	7/24/2024	
E. coli	SM9223B-QT	26.9	MPN/100mL	1.0	JKI/JEP	7/24/2024	



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Report Date: 7/26/2024

Receipt Date: 7/24/2024

Sample Date: 7/24/2024

Sample Time: 2:55 PM

Sampled By: JF

Project / Location: **Chena River Monitoring**
Client Sample ID: **Chena River Site 2 Duplicate**
Pollen Env. Lab ID: **PEF97229**
COC #: **DEC Chena River**
Sample Matrix: **Water**

Definitions:

MRL = Method Reporting Limit

MPN = Most Probable Number

CFU = Colony Forming Unit

mg/L = milligrams per Liter

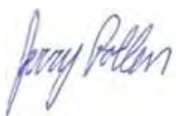
M = Matrix Interference

E = Estimated Result

Comments: Comments: Fecal run started 7/24/2024 at 4:00 PM.

Comments: Comments: E. coli run started 7/24/2024 at 4:10 PM.

Parameter	Analysis Method	Result	Units	MRL	Analyst	Analysis Date	Notes
Fecal Coliform	SM9222D	22.0	CFU/100mL	1.0	JEP/JKI	7/24/2024	
E. coli	SM9223B-QT	29.2	MPN/100mL	1.0	JKI/JEP	7/24/2024	



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Report Date: 7/26/2024

Receipt Date: 7/24/2024

Sample Date: 7/24/2024

Sample Time: 3:15 PM

Sampled By: JF

Project / Location: **Chena River Monitoring**

Client Sample ID: **Chena River Site 3**

Pollen Env. Lab ID: **PEF97230**

COC #: **DEC Chena River**

Sample Matrix: **Water**

Definitions:

MRL = Method Reporting Limit

MPN = Most Probable Number

CFU = Colony Forming Unit

mg/L = milligrams per Liter

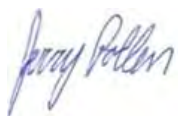
M = Matrix Interference

E = Estimated Result

Comments: Comments: Fecal run started 7/24/2024 at 4:00 PM.

Comments: Comments: E. coli run started 7/24/2024 at 4:10 PM.

Parameter	Analysis Method	Result	Units	MRL	Analyst	Analysis Date	Notes
Fecal Coliform	SM9222D	14.0	CFU/100mL	1.0	JEP/JKI	7/24/2024	
E. coli	SM9223B-QT	24.1	MPN/100mL	1.0	JKI/JEP	7/24/2024	



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SAMPLE RECEIPT CHECKLIST

Date & Time Received 7/24/24 @ Initials UP

Laboratory Identification PEF 97227 - 97230

- | N/A | YES | NO | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Custody Seals intact? (N/A if hand delivered) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chain of Custody (COC) present and properly filled out? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Samples received in hold-time? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Proper container and preservatives used? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Bottles received intact and properly labeled? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Do sample labels match the COC? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sufficient volume of sample for all analysis? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Temperature Blank received in cooler? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Did samples arrive in container with ice/ice packs? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | If samples are above 6 Degrees Celsius, were samples taken within two hours of delivery to lab? If so, mark ITTC (Insufficient Time To Cool) on COC form. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Are air bubbles present in VOA vials? |

Notes: _____

*Temperature upon receipt at the laboratory 33 °C

- internal sample kit thermometer infra-red thermometer