

**Alaska Laboratory AK01000**

**Client** City of Saint Paul Water System

**Contact** Adrian Dirks

**Project Name** 2024 RAP City of Saint Paul

**AWL #** AWL-24-00595

**PWS #** AK2260286

Please direct any questions regarding the final report to [Mary@AKWaterLabs.com](mailto:Mary@AKWaterLabs.com) or [Matt@AKWaterLabs.com](mailto:Matt@AKWaterLabs.com), or call 907-373-6130.

The results presented in this report meet the requirement of the laboratory's certifications and internal QC processes. Any exceptions will be noted in the case narratives attached. Subcontract data will be entered into AWL final reports. Full subcontract reports are available upon request.

The attached should contain analytical results for the analyses submitted on the client chain of custody. The information includes no opinions of the analysts or labs, data is represented after meeting certified testing requirements, and quality control measures.

Reproduction of the report requires the written approval of the laboratory.

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AWL Laboratory Management

Date

**Alaska Laboratory #AK01000**

Client Project Name	2024 RAP City of Saint Paul	AWL #	AWL-24-00595
Receipt Date and Time	03/06/2024 12:29	Due Date	03/12/2024 16:00
Cooler Temperature (C)	Ambient	Sampler Initials	AD
Sample receipt comments	Sample received by BFM on 03/06/2024 at ambient temperature by courier (RAVN 808-8132416).		
Log In	VJG 03/06/2024	DQO	JB 3/7/2024

**Samples Received**

Sample Location	AWL ID	Collection Date/Time	Analysis Date/Time	Analysis	Notes
Public Works	AWL-24-00595-001	03/05/2024 10:15	3/6/24 12:48	SM9223B PA	

**Analytical Methods**

Analyte	Analytical Method	Comments
Total Coliform, E. Coli	SM9223B Total Coliform PA	

Certification: Alaska Drinking Water  
 CMDP Job ID: 546106

Comments:

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**Definitions:**

DUP: Sample Duplicate  
LCS/LCSD: Laboratory Control Sample/Laboratory Control Sample Duplicate  
MRL: Method Reporting Limit  
MB: Method Blank  
MCL: Maximum Contaminant Limit  
MDL: Method Detection Limit  
MS/MSD: Matrix Spike/Matrix Spike Duplicate  
N/A: Not Applicable  
TNTC: Cell count is Too Numerous To Count  
<MDL: Result recovery is below the laboratory detectable limit, listed as the MDL.

**Data Qualifiers:**

B: The result of both the method blank and the target sample were recovered above the MDL.  
D: Sample was diluted prior to analysis.  
J: The reported result was recovered below the MRL (Method Reporting Limit), but above the MDL (Method Detection Limit), and should be considered an estimate.  
U: Result was recovered below the MDL, MRL, LOD, and LOQ.  
\*: The LCS/LCSD or DUP was recovered outside method specified control limits.  
H: Sample was received or analyzed outside of method specified holding time.  
E: Sample recovery is equal to or exceeded the MCL.  
Q: One or more Quality Control criteria was recovered outside of control limits.

**General Comments:**

1.0) Basis: "As Received" = Analyzed as received from client. "Dry" = dried prior to being analyzed. "Dry Weight Corrected" = analyzed as received, result corrected for percent moisture.

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**Analytical Results**

Client City of Saint Paul Water System Project 2024 RAP City of Saint Paul  
 Contact Adrian Dirks PWS # AK2260286  
 Project 2024 RAP City of Saint Paul

Sample Location: Public Works SPID: SPDS001TCR Collection Date/Time: 03/05/2024 10:15  
 FCID: DS001  
 AWL ID/ Fraction: AWL-24-00595-001 Matrix: DW Free Cl Batch ID: 030624-01-PA18

Analyte	Result	Units	MDL	MCL	Flags	DF	Method	Date/Time	Anaylst Initials
Total Coliform	Absent	Presence/Absence	1	1		1	Colilert-18 PA	3/6/24 12:48	BFM
E. Coli	Absent	Presence/Absence	1	1		1	Colilert-18 PA	3/6/24 12:48	BFM

Comments:

