



ANALYTICAL SUMMARY REPORT

October 09, 2024

Fort Smith Water and Sewer Dist
PO Box 7596
Fort Smith, MT 59035-7596

Work Order: B24100597

Project Name: MT0004765

Energy Laboratories Inc Billings MT received the following 1 sample for Fort Smith Water and Sewer Dist on 10/7/2024 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B24100597-001	S6	10/07/24 9:47	10/07/24	Drinking Water	Bacteria, Public Water Supply

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Fort Smith Water and Sewer Dist
Project: MT0004765
Client Sample ID: S6
PWS ID: MT0004765 **Facility ID:** DS001 **Sample Point ID:** SP001
Facility Name: FORT SMITH WATER AND SEWER DISTRICT
Lab ID: B24100597-001A

Report Date: 10/09/24
Collection Date: 10/07/24 09:47
Received Date: 10/07/24 12:48
Matrix: Drinking Water
Sampled By: Josh McCraw

Compliance Sample: YES **Sample Type:** RT **Residual Chlorine (Field):** 0.42 **Res Cl Type:** Free

Analyses	Result	Units	Safe/Unsafe	Qualifier	Method	Analysis Date / By
MICROBIOLOGICAL						
3100 Coliform, Total	Absent	per 100ml	SAFE		A9223 B	10/07/24 14:01 / caa
3014 Coliform, E-Coli	Absent	per 100ml			A9223 B	10/07/24 14:01 / caa

Comments: The notation "SAFE" indicates that the water was bacteriologically SAFE when sampled.
The notation "UNSAFE" indicates that the water was bacteriologically UNSAFE when sampled.

Qualifiers:



Work Order Receipt Checklist

Fort Smith Water and Sewer Dist

B24100597

Login completed by: Crystal M. Jones

Date Received: 10/7/2024

Reviewed by: lbarlage

Received by: SAY

Reviewed Date: 10/8/2024

Carrier name: Hand Deliver

Shipping container/cooler in good condition?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	13.3°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input checked="" type="checkbox"/>

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

None



www.energylab.com

Chain of Custody (COC) & Analytical Request Record

Lab Workorder #: B24100597

Project Information

Client: Fort Smith Water and Sewer Dist
 Project: MI0004765
 Purchase Order: Josh McCraw
 Contact/Phone: (662) 419-7200

Comments: Monthly PWS Bacteria

Laboratory Use

Quote: N/A
 BO#: 185798-S
 EE#: 61021
 Turn-Around Time: Standard

Critical Hold Time: 30 Hours
 # of Samples: 1
 Matrix: Drinking Water



Analysis Requested

Sample ID	Sample Type	Sample Identification	Samp Type*	Collection Date/Time	Hold Time (Days)				PWS System ID	PWS Facility ID	PWS Sample Pt ID		
					Residual Chlorine (circle one)	Total Free (ppm)	# of Containers	Matrix				EPA/State Compliance	Bacteria, Public Water Supply (A9223 B)
1	S6		B	10-7-24 9:47		43	1	DW	X	X	MT0004765	DS001	SP001
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													

Public Water Supply (PWS) Required System Information

Lab provided preservatives were used Yes NO

Sampler Name (if different than Relinquished by):
 Relinquished by (print): *Josh McCraw* Date/Time: 10-7-24 12:45
 Relinquished by (print): *Serna Yung* Date/Time: 10-07-24 12:48
 Signature: *[Signature]* Signature: *[Signature]*

Sampler Phone: _____

Custody Record MUST be signed