

# **Canyon Springs Water and Sewer District**

## **DISTRIBUTION SYSTEM TESTING REQUIREMENTS FOR CALENDAR YEAR 2025**

*(The requirements below assume that the 2024 sampling has been completed.)*

The drinking water testing requirements for January 1 - December 31, 2025 for the **Canyon Springs Water and Sewer District (EPA ID#-2311)** in accordance with the South Dakota Drinking Water Standards are as follows:

1. 12 Microbiological samples for total coliform bacteria. These are the monthly routine/repeat samples for the Revised Total Coliform Rule (RTCR).
2. \_\_\_\_\_ Fluoride samples for systems adding fluoride to their water.
3. 5 Lead/Copper samples. If your water system currently monitors for lead and copper annually or triennially, these samples must be taken in June, July, August, or September.
5. \_\_\_\_\_ Asbestos - Samples must be sent to an out-of-state lab with testing arrangements made by the system or obtain waiver to eliminate the analysis.
6. 1 Disinfection By-Products-THMs and Haloacetic Acids. If a system is on an annual or triennial sampling schedule, these samples must be taken between August 1 and September 30.

**Special Notes:** Raw (and treated, if necessary) TOC samples and alkalinity samples (if necessary) are also required if DBP samples are required for surface waters. TOC and alkalinity samples must be arranged for by each system.

Systems that use chlorine dioxide must take daily on-site chlorite samples and must submit three monthly chlorite samples to a certified lab.

Bromate samples are needed for systems using ozone.

Chlorine/chloramine residuals must be taken each time a system submits a microbiological sample for RTCR compliance (both routine and repeats). These are then reported on a quarterly basis to DANR.

**THESE ARE YOUR DISTRIBUTION SYSTEMS ANALYSES. IF YOU MAINTAIN YOUR OWN SOURCE OF WATER, INCLUDED IS ANOTHER LIST FOR THE ANALYSES REQUIRED FOR EACH OF YOUR ENTRY POINTS.**

The number indicated before each test type is the number of analyses to be performed by the lab in 2025. These numbers assume that you have completed all of the required sampling for 2024. If you sampled late in 2024 and the sample results were not yet reported, these testing requirements are subject to change. Please pay particular attention to any correspondence you may receive from the drinking water program regarding your sampling requirements.

We will be providing these sampling requirements to the State Health Lab and Midcontinent Testing Lab. If you have previously used either of these labs to analyze your water samples and you wish to continue using them for 2025, you do not need to do anything further and it is understood that you wish to continue contracting for their services. If you do not use either of these labs, please share these sampling requirements with the certified lab you wish to use for 2025. If you are changing who you use for lab services in 2025, please be sure to notify both your new lab and your prior lab of the change. A list of labs certified to analyze drinking water samples can be found at the following website: <https://danr.sd.gov/OfficeOfWater/DrinkingWater/LaboratoryCert.aspx>

SD4602311

**Canyon Springs Water and Sewer District**  
**ENTRY POINT TESTING REQUIREMENTS FOR CALENDAR YEAR 2025**  
*(The requirements below assume that the 2024 sampling has been completed.)*

The drinking water testing requirements for this entry point for January 1 - December 31, 2025 in accordance with the South Dakota Drinking Water Standards are as follows:

- |    | Entry Point Name-TREAT SITE-#1                      | Entry Point ID#-231102   | EPA ID#-2311 |
|----|---|--|--------------|
| 1. | 1   | Volatile organic chemical (VOC) group.   |              |
| 2. | 1   | Nitrate sample.  |              |
| 3. |   | Nitrite sample.  |              |
| 4. | Phase II Inorganic (IOC) Group                      |  |              |
|    |   |  |              |
|    | Antimony  |  | Mercury      |
|    | Arsenic   |  | Nickel       |
|    | Barium  |  | Selenium     |
|    | Beryllium   |  | Thallium     |
|    | Cadmium   |  | Fluoride     |
|    | Chromium  |  |              |
| 5. | Phase II/V Synthetic Organic Chemicals (SOCs) Group |  |              |
|    | 1   | Carbamates (Method 531.1)  |              |
|    | 1   | Chlorinated Acids (Method 515.1)   |              |
|    | 1   | Diquat (Method 549)  |              |
|    | 1   | Endothall (Method 548)   |              |
|    | 1   | Glyphosate (Method 547)  |              |
|    | 1   | GC/MS Organic Chemicals (Method 525)   |              |
|    | 1   | EDB/DBCP (Method 524/504)  |              |
| 6. |   | Radiological chemical group samples (You are charged for each specific parameter analyzed: |              |

**Special Notes:** Surface water systems must take daily turbidity samples as well as entry point chlorine residuals and submit results to DANR on a monthly basis.

**THESE ARE YOUR SAMPLING REQUIREMENTS FOR THIS PARTICULAR ENTRY POINT. YOU WILL RECEIVE A LIST FOR EACH ENTRY POINT THAT MUST BE SAMPLED AS WELL AS A LIST FOR YOUR DISTRIBUTION SYSTEM SAMPLING.**

The number indicated before each test type is the number of analyses to be performed by the lab in 2025. These numbers assume that you have completed all of the required sampling for 2024. If you sampled late in 2024 and the sample results were not yet reported, these testing requirements are subject to change. Please pay particular attention to any correspondence you may receive from the drinking water program regarding your sampling requirements.

We will be providing these sampling requirements to the State Health Lab and Midcontinent Testing Lab. If you have previously used either of these labs to analyze your water samples and you wish to continue using them for 2025, you do not need to do anything further and it is understood that you wish to continue contracting for their services. If you do not use either of these labs, please share these sampling requirements with the certified lab you wish to use for 2025. If you are changing who you use for lab services in 2025, please be sure to notify both your new lab and your prior lab of the change. A list of labs certified to analyze drinking water samples can be found at the following website: <https://danr.sd.gov/OfficeOfWater/DrinkingWater/LaboratoryCert.aspx>

**Canyon Springs Water and Sewer District**  
**ENTRY POINT TESTING REQUIREMENTS FOR CALENDAR YEAR 2025**  
*(The requirements below assume that the 2024 sampling has been completed.)*

The drinking water testing requirements for this entry point for January 1 - December 31, 2025 in accordance with the South Dakota Drinking Water Standards are as follows:

Entry Point Name-TREAT SITE-#2		Entry Point ID#-231106	EPA ID#-2311
1.	<u>1</u>	Volatile organic chemical (VOC) group.	
2.	<u>1</u>	Nitrate sample.	
3.	<u>1</u>	Nitrite sample.	
4.	Phase II Inorganic (IOC) Group		
	<u>1</u>	Antimony	<u>1</u> Mercury
	<u>1</u>	Arsenic	<u>1</u> Nickel
	<u>1</u>	Barium	<u>1</u> Selenium
	<u>1</u>	Beryllium	<u>1</u> Thallium
	<u>1</u>	Cadmium	<u>1</u> Fluoride
	<u>1</u>	Chromium	
5.	Phase II/V Synthetic Organic Chemicals (SOCs) Group		
	<u>1</u>	Carbamates (Method 531.1)	
	<u>1</u>	Chlorinated Acids (Method 515.1)	
	<u>1</u>	Diquat (Method 549)	
	<u>1</u>	Endothall (Method 548)	
	<u>1</u>	Glyphosate (Method 547)	
	<u>1</u>	GC/MS Organic Chemicals (Method 525)	
	<u>1</u>	EDB/DBCP (Method 524/504)	
6.	Radiological chemical group samples (You are charged for each specific parameter analyzed:		

**Special Notes:** Surface water systems must take daily turbidity samples as well as entry point chlorine residuals and submit results to DANR on a monthly basis.

**THESE ARE YOUR SAMPLING REQUIREMENTS FOR THIS PARTICULAR ENTRY POINT. YOU WILL RECEIVE A LIST FOR EACH ENTRY POINT THAT MUST BE SAMPLED AS WELL AS A LIST FOR YOUR DISTRIBUTION SYSTEM SAMPLING.**

The number indicated before each test type is the number of analyses to be performed by the lab in 2025. These numbers assume that you have completed all of the required sampling for 2024. If you sampled late in 2024 and the sample results were not yet reported, these testing requirements are subject to change. Please pay particular attention to any correspondence you may receive from the drinking water program regarding your sampling requirements.

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