

From: [Harris, Jamie S. \(she/her/hers\)](#)
To: [Mesenbrink, Daniel - FS, WY](#)
Cc: [Shulman, Joy](#)
Subject: FW: Vedauwoo Handpump Seasonal Startup Checklist WY5680068
Date: Monday, June 17, 2024 9:16:00 PM
Attachments: image002.png
image003.png
image004.png
Seasonal Startup Checklist.pdf
Importance: High

Thank you for sending in your Seasonal Startup Checklist after receiving the violation notice. I have returned the violation to compliance but the public notice is still required.

On the form you wrote that the water system closes to the public October 1. For the Revised Total Coliform Rule (RTCR) you are required to collect a total coliform sample every month you serve water to the public, even if it is only one day in the month. Is October 1 the last day the system will be serving water to the public or would it be September 30? I want to be sure EPA has the correct information in our database so that we don't send you a notice of violation when the system was no longer open. Please let us know if your end of season is different than October 1.

Thanks,

Jamie

~~~~~  
Jamie Harris (Pronouns: she/her/hers)  
Environmental Scientist | Revised Total Coliform Rule Manager | U.S. EPA Region 8 | [Harris.Jamie@epa.gov](mailto:Harris.Jamie@epa.gov) | 303-312-6072 (office)

**Make sure EPA received your sample results at** <https://sdwisdww.epa.gov/DWWR8WY>.

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**From:** EPA Region 8 Drinking Water Unit <R8DWU@epa.gov>  
**Sent:** Monday, June 17, 2024 4:37 PM  
**To:** Harris, Jamie S. (she/her/hers) <Harris.Jamie@epa.gov>; Shulman, Joy <shulman.joy@epa.gov>; Bedell, Emily <Bedell.Emily@epa.gov>; EPA Region 8 Drinking Water Unit <R8DWU@epa.gov>  
**Subject:** FW: Vedauwoo Handpump Seasonal Startup Checklist

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**From:** Mesenbrink, Daniel - FS, WY <[Daniel.Mesenbrink@usda.gov](mailto:Daniel.Mesenbrink@usda.gov)>  
**Sent:** Monday, June 17, 2024 4:37:17 PM (UTC-07:00) Mountain Time (US & Canada)  
**To:** EPA Region 8 Drinking Water Unit <[R8DWU@epa.gov](mailto:R8DWU@epa.gov)>  
**Subject:** Vedauwoo Handpump Seasonal Startup Checklist

**Caution:** This email originated from outside EPA, please exercise additional caution when deciding whether to open attachments or click on provided links.

To whom it may concern,

Here is the seasonal startup checklist for the Vedauwoo handpump PWS ID WY5680068. Be advised that I have placed a self report use sheet at this pump to ascertain how many people are using it and currently, it is falling below the threshold for EPA monitoring. I will continue to monitor its use but the EPA should anticipate an information change form request to have this pump removed from EPA monitoring for low use.



**Daniel Mesenbrink**  
**Forestry Technician (Recreation)**  
**Laramie Ranger District**

**USDA Forest Service**  
**Medicine Bow-Routt National Forests**  
**Thunder Basin National Grassland**

**p: 307-745-2317**

**[Daniel.Mesenbrink@usda.gov](mailto:Daniel.Mesenbrink@usda.gov)**

2468 Jackson Street

Laramie, WY 82072

<https://www.fs.usda.gov/mbr>



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## EPA Region 8 Seasonal Start-up Checklist

## For Public Water Systems in Wyoming or on Tribal Lands in EPA Region 8

If your public water system (PWS) is open to the public only part of the year, it is considered a seasonal system. Under the Revised Total Coliform Rule (RTCR), you are required to complete the following steps and submit this form to our office **prior to serving water to the public** for the season. You will be in violation of the RTCR and subject to enforcement action if you serve water to the public before completing these start-up procedures **and** submitting this form to our office.

**Wyoming and EPA R8 Tribal water systems can submit this checklist to:**

RTCR Manager

8WD-SDR

1595 Wynkoop Street

Denver, CO 80202

Or fax at: 1-877-876-9101 or email at: [R8DWU@epa.gov](mailto:R8DWU@epa.gov)

**PWS Name:** Vedauwoo Campground

**PWS ID number:** WY5680068

**Today's Date:** 5/14/2024

**Date water system opens to the public:** 5/24/2024

**Estimated closure date for the season\*:** 10/1/2024

**Is your system year-round with a portion that closes seasonally?** No

Unless otherwise noted as optional, all actions **must be** completed. If an action does not apply or you do not have a specified piece of equipment, mark "N/A". If you need more room to answer a question, please use an additional sheet or reference the question number and add more information on page 3. If you have more than one water source and more than one distribution system, please complete the table at the end of the form specifying when each well/distribution system will open and when you plan to complete the startup procedures on each well/distribution system. EPA is required to have this form **BEFORE** you start serving water to the public from your first well. Even if your water system remains pressurized throughout the year but you are not considered a public water system for part of the year you are required to complete this Seasonal Start-up Checklist.

\*This date will be used as your seasonal shutdown date. If you write that your PWS closes on September 1, 2024 then EPA will expect a September sample result. If you actually close on August 15, 2024, let EPA know of the early closure so that an adjustment can be made on your sampling schedule and you will not receive a monitoring violation.

| Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Completed?                             | Comments |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------|
| <b>1) Inspect each source-</b> <ul style="list-style-type: none"> <li>Wells - Is each well sealed and intact? Are all required gaskets and screens undamaged and properly installed? Are all bolts present and tight? Are there any openings that could allow in animals, insects, stagnant or other water?</li> <li>Spring(s) - Are there any breaches or openings that could allow in contamination? Has deep rooted vegetation been removed? Is your spring area fenced or protected from stock or wildlife?</li> <li>Intake(s) - Any repairs needed?</li> </ul> <p>Complete any repairs prior to opening. If more time for repairs is needed, be sure to contact our office first.</p>                        | Yes                                    |          |
| <b>2) Does your system have any treatment? List all treatment.</b> <ul style="list-style-type: none"> <li>Ensure that chemical feeds are functioning properly, you have fresh disinfectant, and conduct UV maintenance (if necessary). Include the disinfectant residual on your "special" sample result so that you know the chemical feed is working.</li> <li>If you have any cartridge filters on your system (i.e., reverse osmosis or sediment filters) be sure to check the user manual to see if it is time to change the filter. Please indicate if filter(s) changed.</li> </ul> <p>Complete any repairs prior to opening. If more time for repairs is needed, be sure to contact our office first.</p> | No Treatment                           |          |
| <b>3) Inspect any storage or pressure tanks. List the storage tanks.</b> <ul style="list-style-type: none"> <li>Are there any openings or repairs needed?</li> <li>Are vents and overflows intact and properly fitted with #24 mesh screen?</li> <li>Are access penetrations gasketed and sealed?</li> <li>Are all valves operational?</li> <li>List the last time the storage tank(s) were cleaned.</li> </ul> <p>Complete any repairs prior to opening. If more time for repairs is needed, be sure to contact our office first.</p>                                                                                                                                                                            | No storage or pressure tanks on system |          |

| Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Completed?                              | Comments |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|
| <p><b>4) Flush the distribution system</b><br/> <i>You must flush your system to rid your distribution system of stagnant water, even if it remains pressurized during the off-season. We recommend disinfecting and flushing as it is more effective and will kill any bacteria that may have accumulated. Be sure to use a chlorine solution approved for drinking water.</i></p> <p>a) <i>Recommended:</i> Add disinfectant at proper dosage. Fill the system then turn on faucets to get disinfected water throughout your entire distribution. Shut the water off and let sit 24 hours. Prevent anyone using this water during this time as it would contain high levels of disinfectant.</p> <p>b) <b>Required:</b> Flush the stagnant or disinfected water out of the system. <i>Be sure to keep chlorinated water away from septic systems and surface water bodies such as lakes, streams and ponds.</i></p> | <p>This was completed on 05/14/2024</p> |          |
| <p><b>5) Flush out your tanks</b> (if applicable). Ensure stagnant or disinfected water is removed and all valves are operational.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N/A                                     |          |
| <p><b>6) Inspect your pipes</b> (distribution system).</p> <ul style="list-style-type: none"> <li>Any leaks noted? Does the system hold pressure with all taps closed?</li> </ul> <p>Complete any repairs prior to opening. If more time for repairs is needed, be sure to contact our office first.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>Pipes are in working order</p>       |          |
| <p><b>7) When</b> the above steps are completed, collect a bacteriological sample and mark it as <b>“special” (not routine or repeat)</b>, and send to the lab for analysis. Be sure EPA gets a copy of these results as well.</p> <p><i>This sample can serve as a double check to ensure your system is fully operational and ready for the season. Samples labeled as “special” do not count for compliance. Not collecting the “special” sample is considered not completing this form and may result in a violation.</i></p> <p><i>This sample does not count as your “routine” sample for the month. If you serve water to the public the same month you do your seasonal start-up you must collect both a “special” sample and a “routine” sample to meet compliance.</i></p>                                                                                                                                  | <p>Completed 05/14/2024</p>             |          |
| <p><b>8) Was your system required to complete a Level 1 or Level 2 Assessment last year? Did you complete all the required corrective actions before filling out the Seasonal Startup Checklist this year?</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>Yes</p>                              |          |

If you need further instruction on disinfection practices, you can consult the Wyoming Association of Rural Water Systems at 307-436-8636 or Midwest Assistance Program, Inc. (MAP) if in Indian country, consult Megan Falk (MT) at [Falk.megan@epa.gov](mailto:Falk.megan@epa.gov) or Colby Brakke (ND, SD) at [Brakke.colby@epa.gov](mailto:Brakke.colby@epa.gov) or Motaz Zarooq (CO, UT) at [Zarooq.motaz@epa.gov](mailto:Zarooq.motaz@epa.gov). Any time you have a positive total coliform sample, be sure to refer to: [https://www.epa.gov/region8-waterops/addressing-total-coliform-positive-or-ecoli-positive-sample-results-epa-region-](https://www.epa.gov/region8-waterops/addressing-total-coliform-positive-or-ecoli-positive-sample-results-epa-region-8)

8 for the required steps. If you have any other questions please contact Jamie Harris, the RTCR Rule Manager at [Harris.Jamie@epa.gov](mailto:Harris.Jamie@epa.gov) or 303-312-6072.

Additional Comments:

### Certification of Completion:

I hereby certify that the information in this form is the truth and each start-up procedure listed above was completed before water was delivered to my customers.

Name (Printed) Dan Mesenbrink

Signature Daniel Mesenbrink Date 6-17-2024

Phone Number 307-745-2317 Email daniel.mesenbrink@usda.gov

Complete the following table if:

- 1. Your seasonal system has more than one source serving more than one distribution system.
- 2. Your seasonal system distribution system(s) open or close during different months (i.e. one opens in June and the another in July).

| <u>Well Name</u><br><u>(i.e., WL0x)</u> | <u>Distribution</u><br><u>System Name</u><br><u>(i.e., DS0x)</u> | <u>Planned Startup Activity</u><br><u>(use additional space if</u><br><u>necessary)</u> | <u>Startup Date</u><br><u>(if different than</u><br><u>other sources)</u> | <u>Shutdown</u><br><u>Date</u><br><u>(if different than</u><br><u>other sources)</u> | <u>Date Special</u><br><u>Sample</u><br><u>Collected</u> |
|-----------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------|
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |
|                                         |                                                                  |                                                                                         |                                                                           |                                                                                      |                                                          |

Additional Comments:





### Laboratory Sample Report

Lab Number: **AA50191**

Received Date/Time: 05/14/2024 1:23 pm

Received Temperature: 21.1°C

#### Customer Provided Information:

USDA Forest Service  
2468 Jackson Street  
Laramie, WY 82070  
[daniel.mesenbrink@usda.gov](mailto:daniel.mesenbrink@usda.gov)

Collect Date/Time: 05/14/2024 12:00 pm  
Sample Description: Vedauwoo CG  
Sample Collector: Dan Mesenbrink  
PWS: WY5680068  
EPA Sample Type: Special  
Free Residual Chlorine:

#### Test Results:

| Analysis       | Result | Unit      | Volume Tested (ml) | Qualifier | Date-Time Analyzed | Method  |
|----------------|--------|-----------|--------------------|-----------|--------------------|---------|
| Total Coliform | Absent | per 100ml |                    | SA        | 05/14/2024 4:03 pm | SM9223B |

#### Qualifiers:

SA - Satisfactory. Sample meets EPA Drinking Water Standards. Total Coliform/E. coli bacteria are absent.

Samples were received at the laboratory in acceptable condition unless noted in Comments.  
The results included in this report relate only to the specific items submitted and as they were received for testing.  
This report shall not be reproduced except in full without the written approval of the laboratory.





### Laboratory Sample Report

Lab Number: **AA50257**

Received Date/Time: 05/16/2024 11:37 am

Received Temperature: 19.7°C

#### Customer Provided Information:

USDA Forest Service

2468 Jackson Street

Laramie, WY 82070

[daniel.mesenbrink@usda.gov](mailto:daniel.mesenbrink@usda.gov)

Collect Date/Time: 05/16/2024 10:14 am

Sample Description: Vedauwoo CG

Sample Collector: Dan Mesenbrink

PWS: WY5680068

EPA Sample Type:

Free Residual Chlorine:

#### Test Results:

| Analysis                 | Result | Unit | Volume Tested (ml) | Qualifier | Date-Time Analyzed | Method      |
|--------------------------|--------|------|--------------------|-----------|--------------------|-------------|
| Nitrate (as N)           | 0.25   | mg/L |                    |           | 05/17/2024 4:27 pm | EPA 300.0   |
| Nitrite (as N)           | <0.20  | mg/L |                    |           | 05/17/2024 4:27 pm | EPA 300.0   |
| Nitrate + Nitrite (as N) | 0.25   | mg/L |                    |           | 05/17/2024 4:27 pm | CALCULATION |

Qualifiers:

Samples were received at the laboratory in acceptable condition unless noted in Comments.

The results included in this report relate only to the specific items submitted and as they were received for testing.

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### Laboratory Sample Report

Lab Number: **AA50522**

Received Date/Time: 06/03/2024 4:44 pm

Received Temperature: 25.1°C

#### Customer Provided Information:

USDA Forest Service  
2468 Jackson Street  
Laramie, WY 82070  
[daniel.mesenbrink@usda.gov](mailto:daniel.mesenbrink@usda.gov)

Collect Date/Time: 06/03/2024 9:56 am  
Sample Description: Vedauwoo CG  
Sample Collector: Mitch Knock  
PWS: WY5680068  
EPA Sample Type: Routine  
Free Residual Chlorine:

#### Test Results:

| Analysis       | Result | Unit      | Volume Tested (ml) | Qualifier | Date-Time Analyzed  | Method  |
|----------------|--------|-----------|--------------------|-----------|---------------------|---------|
| Total Coliform | Absent | per 100ml |                    | SA        | 06/04/2024 12:44 pm | SM9223B |

Sample Comment:6-3-2024 KP: Sample ID Vedauwoo CG taken from sample bottle.

#### Qualifiers:

SA - Satisfactory. Sample meets EPA Drinking Water Standards. Total Coliform/E. coli bacteria are absent.

Samples were received at the laboratory in acceptable condition unless noted in Comments.  
The results included in this report relate only to the specific items submitted and as they were received for testing.  
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