

**Vermont Department of Environmental Conservation
Drinking Water and Groundwater Protection Division**

One National Life Drive - Main 2 [phone] 802-828-1535
Montpelier, VT 05620-3521 [fax] 802-828-1541
<http://dec.vermont.gov/water>

Agency of Natural Resources

January 7, 2019

Bristol Water Department
Attn: Valerie Capels
PO Box 249
Bristol, VT 05443

Re: Sanitary Survey, Bristol Water Department, Public Community Water System, Bristol, VT WSID # 5002

Dear Ms. Capels:

A sanitary survey of the Bristol Water Department (Water System) was conducted on November 20, 2018. Heather Collins represented the Vermont Department of Environmental Conservation, Drinking Water and Groundwater Protection Division (Division); Rick Chaput and Jill Marsano, the Water System Operators, represented the Water System. The Water System was issued a Permit to Operate (PTO) on April 15, 2013. The PTO does not have an expiration date, although the PTO will be amended by this Division as deemed necessary over time.

During the sanitary survey and file review no significant deficiencies were identified; however the following minor deficiency was identified and needs to be corrected:

- 1. Inadequate Wet Well (Contact Basin):** Under Chapter 21, Appendix A, Part 7.1.4 of the Vermont Water Supply Rule (Rule), *“Receiving basins and pump wet wells for finished water shall be designed as finished water storage structures.”* Additionally, Under Chapter 21, Appendix A, Part 7.0.15 of the Rule, *“Internal catwalk: Every catwalk over finished water in a storage structure shall have a solid floor with raised edges so designed that shoe scrapings and dirt will not fall into the water.”* After liquid chlorine injection, the Water System’s water enters an open room contact basin which is an attached building accessible through a standard doorway. A metal grated catwalk is installed over the contact basin. A narrow vinyl mat has been placed over the grated catwalk but does not completely cover the catwalk and does not provide a sealed lip to prevent spilled or tracked items from entering the water beneath the catwalk. The water in the contact basin is vulnerable to contamination due to the current construction of the catwalk and open contact basin. **On or before June 1, 2019, the Division requests the Water System submit a plan and schedule to address the vulnerabilities of the contact basin so that it meets the requirements of Appendix A, Part 7 of the Rule to the Division for review and approval.**

The following items are provided for the Water System’s review, consideration, and comment:

- **Written Agreement with Consecutive System and Consecutive Exemption:** The Water System is a wholesaler that provides water service to one consecutive public community water system, Kilbourn MHP (WSID 20612). Based on the file review conducted as part of this

Valerie Capels
Bristol Water Department # 5002
January 7, 2019
Page 2

sanitary survey, the Bristol Water Department has not yet established a written agreement with this consecutive public water system. The Division requests that the Water System develop a written agreement with this consecutive system that establishes the water allocation provided to the system, identifies boundaries for ownership of drinking water infrastructure, and documents responsibilities for operation, monitoring, and maintenance for the consecutive water system. The Division strongly encourages the Bristol Water Department to consider developing an agreement that would enable the consecutive system (WSID 20612) to apply to the Division to become an exempt consecutive public water system. Enclosed are a Consecutive Guidance Document and Consecutive Exemption Application Form. **On or before July 1, 2019, the Water System is requested to provide the Division a progress report that summarizes the activities that have been completed to develop an agreement with the Kilbourn MHP (WSID 20612) consecutive system.**

- **Lead and Copper Rule Sampling Plan:** The Division approved a lead and copper sampling plan for the Water system in July of 1993; however, the Division does not have a copy of this plan nor does it have the tier rankings for the sample collection sites the Water System currently monitors. Please complete the attached Lead and Copper Rule Sampling Plan and submit to Amy Galford of the Division (802- 585-4891) at the address above or via fax.

The Division requests that the Water System provide a written response to the items above by **February 7, 2019**. The written response should indicate that the compliance date above is acceptable or provide an alternative date for review and approval. In the absence of a written response as requested, the Division may amend the Permit to Operate to include a compliance schedule to resolve this deficiency.

I appreciate Rick and Jill meeting with me in order to conduct the sanitary survey of the Bristol Water Department. I look forward to working with all of you in the future. If you have any questions or would like to discuss anything regarding the survey, please feel free to contact me at the address above, by email at heather.collins@vermont.gov, or by phone at 802-461-3722.

Sincerely,



Heather Collins
System Operations Specialist

C: Rick Chaput, Water System Operator, WSID 5002
Jill Marsano, Water System Operator, WSID 5002
Mary Jackman, Addison Country Community Trust, Kilbourn MHP
Patricia Beavers, Water System Operator, WSID 20612
Patrick Smart, System Operations Supervisor, DWGWP
Amy Galford, Compliance analyst, DWGWP
WSID File 5002, 20612