

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

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Agency of Natural Resources

July 28, 2023

Randolph Center Water System
Attn: James Hill
P.O. Box 500
Randolph Center, VT 05061

Re: Sanitary Survey Letter, Randolph Center Water System, Public Community Water System, Randolph, VT, WSID #5177

James Hill,

A sanitary survey of the Randolph Center Water System (Water System) was conducted on June 30, 2023. Garrett Walsh and I represented the Vermont Department of Environmental Conservation, Drinking Water and Groundwater Protection Division (Division); you, as the Administrative Contact, Patricia Beavers as the Designated Operator, David Race, Operator, and Water System personnel John Lens and David Farnham, represented the Water System. The Division issued the Water System a Permit to Operate (PTO) on May 19, 2021. Please note that the PTO does not have an expiration date but will be amended by the Division as deemed necessary.

During the sanitary survey and file review, no deficiencies were identified. The Division appreciates the Water System's dedication to providing safe drinking water to its customers.

The following are submitted for the Water System's review and comment:

- 1. Data Reporting for Spring (WL001):** During the sanitary survey it was noted that the daily production for WL001 is reported as the same value each day. The Water System stated that this is because the Spring is utilized to produce water for exactly two (2) hours per day, at a constant flow rate dictated by the associated pump station. The Water System is reminded that metered production data and entry point disinfection residual are required to be reported on each day that the source is utilized in accordance with Section V.B.1 of the PTO. The Water System shall immediately begin reporting metered data rather than the calculated value on Monthly Operating Reports.
- 2. Improve Well Pit Drainage (WL002):** Per Chapter 21, Appendix A, Part 12.2.6.4 of the Rule, underground enclosures containing wells shall be passively drained to prevent any ponding of water in the enclosure. During the sanitary survey it was observed that the exterior terminus of the drain pipe serving the Langevin Farm / Penny Brook Well (WL002) pit was buried in a nearby streambank. The overflow from the well was not obstructed at the time of the inspection; however, further material blocking the terminus of the drainpipe would likely obstruct the drain line and cause water to back up into the well pit presenting a vulnerability to the source. The Division requests that the Water System immediately improve the drainpipe to prevent obstruction of the terminus of the pipe in order to prevent backup of water into the well enclosure and submit documentation of the improvements once complete.
- 3. Daily Chlorine Residual Sampling (Entry Point):** Per Section V.B.1.b of the PTO, free chlorine residuals must be collected daily at the entry point to the distribution system on each day that

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disinfectant is added to the system. During the sanitary survey, it was reported that the free chlorine residual for water leaving the Langevin/Pennybrook Treatment Plant (TP002) is regularly collected at the second connection from the treatment plant, which does not satisfy the requirement to collect an entry point sample. During the survey this was discussed, and the Water System indicated that the first connection which should be utilized for entry point sampling was currently unoccupied and inaccessible, but that sampling would resume there as soon as the building was accessible. The Division requests that the Water System resume sampling at the entry point location as soon as possible. In the event the first connection is not available as a sampling location by **October 1, 2023**, the Water System shall install a sampling tap in a location suitable for entry point sampling.

The Division requests that the Water System provide a written response to the above items **on or before September 1, 2023**.

I appreciate you all taking the time to conduct the sanitary survey of the Randolph Center Water System. I look forward to working with you all in the future. If you have any questions or would like to discuss the survey, please feel free to contact me by email at matthew.hunt@vermont.gov, or by phone at 802-505-5490.

Sincerely,



Matthew Hunt
Community System Operations Specialist

[Vermont Water Supply Rule](#)

cc: Dana Nagy, Community Operations Section Supervisor, DWGPD
Garrett Walsh, Community System Operations Specialist, DWGPD
Patricia Beavers, Designated Operator, WSID 5177
Randolph Fire District #1, Co-owner WSID 5177
Vermont State Colleges – Randolph Center, Co-owner, WSID 5177
WSID File 5177