Village of Wells River
P.O. Box 737
Wells River, Vermont 05081
802-757-3401

Agenda Trustees Meeting 8/4/2022

Wells River Village Trustees Meeting.

Present: Jean Welch , June Griswold, Jason Winchester, Kelsey Root-Winchester, Don Waterman and Richard Roderick Shannon Young , Ron Welch , Gary Griswold and Chris Bruce

Thursday August 4, 2022 @ 4 pm

Called to order 4:05 PM

Agenda: Approved and seconded by June Griswold

***Approve Agenda**

***Review and Approve minutes from July 21, 2022**

*** Correspondence : Truck Recall Need to get Plow removed and then to Cody Chevrolet Inspected etc... Mary will call Robco and see if they want the truck to come with Plow on and then it will go to Cody Chevrolet for inspection maintenance**

Water Letter from Heather Collins was read and Distributed, Copy Attached Trustees have till Sept 5th to reply.

***Water –Nemrc water utility was approved to come out of the Water Funds June Motioned Jean Seconded ***

Highway: Bids for

Highway – Ron Welch brought John Deere to Blackmount it had never services, It is now up to snuff.

The board had questions for Shannon Young his Highway bid

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Jean asked Shannon re his bid of $88 per hour or a yearly fee of $88000 They discussed paragraph 3 . There would be additional fees for large projects not covered in contract such as additions of new roads. This fee would be $85 per hour an additional fee. He asked how he wanted to be paid he said Bi Weekly. Shannon suggested that he use the village truck to keep it in action . June suggested he might lease it from us. He might want to purchase it. Jean made a motion that Shannon be offered a contract for $88000.00 a year and June Seconded it. Shannon wanted to know if he could store his sand here , board will discuss .

Mowing-June spoke to Jake Mitchell re roadside mowing. 6.6 miles approx. cost would be $3000 Newbury might help us out, more estimates will be searched. June made motion to table and June seconded it. Contract will be written and presented next week.

Kelsey and Richard started to clean up the wrap files.

Chris Bruce is here re his mowing bid. Jean asked Chris if $350 per time during the mowing season and reservoir would be additional as needed. Chris wanted to know if they would sign a 3 year contract. Motion made to hire Chris pending acceptance of signed contract. June Motioned Jean Seconded.

Mowing should add triangle in paddy acre to list of areas needed to be mowed.

***Financials -**

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***Other Business -**

Glenda Hoffman - Wants to do a Calendar and sell the calendars to use the money to beautify the town. She has Lighted lamp posts that can be used to hold hanging. baskets. and wants to get rid of the flower tubs. Glenda asked for permission to pursue. June motioned and Jean seconded to proceed.

Richard Roderick – Wanted to know about the missing items, Jean has a letter that will be sent to John Paye to enquire if he knows the location of missing water documentation and tools.

Don Waterman – stated he was in the parade and 302 cares won $200 in the float contest.

Old Business – Parking issues on Main Street Letter received and attached will update on progress.

Motion to Adjourn 5:50 PM by Jean Welch Seconded by June Griswold

Submitted by

Mary Schilke
Wells River Village Clerk

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P.O. Box 737
Wells River, Vermont 05081
802-757-3401

VERMONT

Vermont Department of Environmental Conservation
Drinking Water and Groundwater Protection Division
One National Life Drive - Davis 4 [phone] 802-828-1535
Montpelier, VT 05620-3521 [fax] 802-828-1541
http://dec.vermont.gov/water

Agency of Natural Resources

August 4, 2022

Wells River Water System
Attn: Mary Schilke
P.O. Box 7
Wells River, VT 05081

Re: Sanitary Survey Letter, Wells River Water System, Public Community Water System, Newbury, VT, WSID #5176

Mary Schilke,

A sanitary survey of the Wells River Water System (Water System) was conducted on March 18, 2022. Willie Nickerson, Division Engineer, and I represented the Vermont Department of Environmental Conservation, Drinking Water and Groundwater Protection Division (Division); John Paye, the former Designated Water System Operator, represented the Water System. A subsequent technical assistance site visit was conducted May 25, 2022, in order to assess the Water System's orthophosphate feed and residuals as well as filter assessments to determine if the media in the Water System's green sand filters had become compromised. Ray Solomon, Division Water Chemist, and I represented the Division; John Paye, the former Designated Water System Operator, represented the Water System. The Division issued the Water System a Permit to Operate (PTO) on Feb 26, 2015. Please note that the PTO does not have an expiration date, but the Division intends to amend the PTO in the near future.

During the survey and file review, the following significant deficiencies were identified and need to be resolved.

1. **Inadequate Distribution System Pressure (Bible Hill):** Per Chapter 21, Appendix A, Part 8.1.1 of the Vermont Water Supply Rule (Rule), the system shall maintain a minimum pressure of 20 psi at ground level to all points in the distribution system under all conditions of flow. The Water System has made significant upgrades to the distribution network, including resizing water mains and constructing a new finished water storage tank at a slightly higher elevation; however at least four upper elevation connections of the Bible Hill distribution line still do not comply with Appendix A, Part 8.1.1 of the Rule, and are operating at unacceptable pressure conditions as defined in the Rule during normal operating conditions and fire flow events that cause water pressure on the Bible Hill distribution network to drop well below the 20 psi minimum required by the Rule.

   On or before <u>February 1, 2023</u>, the Water System must submit a hydraulic analysis of the distribution system and establish a hydraulic grade line at which the water system is capable of maintaining adequate distribution pressure in accordance with the Rule. On or before <u>August 1, 2023</u>, the Water System must submit a technically complete Permit to Construct application that proposes modifications to the Bible Hill section of the Water System and any other distribution pressure deficiencies discovered in the hydraulic analysis that addresses the low static and fire flow pressures observed.

2. **Inadequate Monthly Operating Reports (MORs):** Under Section V.B.1 of the Water System's PTO, *"The Permittee shall submit a signed report to the Division once a month, no later than ten (10) days*

following the end of the month, with the following information: a) A summary of the Public Water System operation, including the amount of water produced daily for the source. Water production summaries shall contain metered data. b) Daily disinfectant residual entering the distribution system for each day that disinfectant is introduced or utilized. c) Average phosphate concentration entering the distribution system each day." The Water System is collecting its daily chlorine residual at the Fire House which is the third connection after entry point. Chlorine residuals must be collected prior to or at the first connection of the entry point to distribution.

The Water System must immediately submit MORs to the Division by the 10th of the Month following the Month being reported, with all information reported as required by the PTO.

During the sanitary survey and file review, the following minor deficiency was identified and has since been resolved.

3. **Backflow Prevention Device Testing Required:** Per Subchapter 21-8, Section 8.1.1 of the Rule, testable back flow devices must be re-tested at a frequency that is consistent with the manufacturer's recommendation (typically a minimum of once per year). All servicing documentation must be retained in the Water System's O&M Manual. The Water System has a testable backflow prevention device installed on the incoming raw water line within the treatment facility that was overdue for testing.

   The Water System has since had this device tested with passing results. The Division appreciates the Water System's prompt attention in resolving this deficiency.

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

4. **Water System Sustainability and Source Redundancy:** The Water System currently only has one supply source which is located in the middle of the village with surrounding homes, businesses, above ground fuel tanks and parking areas within close proximity which puts the source at an elevated potential risk of becoming contaminated. Having an additional source allows for planned maintenance and provides redundancy in the event of a source failure. *The Water System's 2014 Preliminary Engineering Report (PER) Cited "Wells River could investigate the potential for a new water source away from the downtown village setting. Areas adjacent to the Connecticut River have favorable groundwater yield potential based on available geological mapping but the water quality may be unacceptable. Future development of a new water source would provide continued, reliable water service should the existing water sources fail to adequately serve the Town. It is recommended that exploration and preliminary testing of a new source site be completed to identify an acceptable site for future development."* Per the Water System's 2018 Asset Management Plan (AMP). *In addition to evaluating the water mains, the Village should consider the potential to improve system redundancy by evaluating the potential of connecting a second source of supply. One area in particular, in the vicinity of Bible Hill is reported to have a driller's yield of 60 gallons per minute...Complete an updated, and comprehensive water system Preliminary Engineering Report (PER). A portion of this PER should evaluate the water quality of existing drilled wells in the Bible Hill area, to determine the feasibility of siting a redundant well.* The Division strongly encourages the Water System consult with its engineer to evaluate adding an additional source in the Bible Hill area. This could possibly resolve the pressure issues experienced at these upper elevation connections while providing redundancy and resiliency for the Water System.

5. **Remaining Aging Water Mains:** Per the Water System's Capital Improvement Plan (CIP) *"The most critical section of water main identified within the Capital Improvement Plan is the water transmission main between the storage tank and water distribution system. This section of main provides water service to all customers, and lacks redundancy. A failure would have a significant (and detrimental)*

impact on the system. In addition, the Operator has indicated that the depth of this water main is very shallow (well above anticipated frost elevation for this portion of the Connecticut River Valley), which increases the probability of failure". Table 3 of CIP also identifies section of distribution with the highest consequence of failure and prioritizes their replacement. The Division strongly encourages the Water System to prioritize these transmission mains in its next phase of water main replacement.

6. **Continuous chlorine analyzer at entry point:** The Water System is currently considering contracting the daily Water System operations. Since the Water System is required to continuously disinfect and collect a daily entry point to distribution free chlorine residual it may want to consider installing a continuous chlorine analyzer so that results are measured and recorded daily without the need of the operator to manually collect and analyze the sample daily. This analyzer could potentially be programmed with the system's existing Mission SCADA system for remote monitoring.

7. **Review and Update the Water System's Asset Management Plan:** As cited in the plan *"The Board of Trustees agrees to review and modify this Level of Service Agreement every 3 years prior to the Annual Village Meeting"* Please provide the Division with the most recent Level of Service Agreement.

8. **PureFlow Green Sand Filter Evaluation:** Members from the Division's Operations and Engineering Sections met with PureFlow Representatives and the Water System Operator July 26, 2022, to evaluate the condition of the Green sand media within the filter vessels as recent samples post filtration have indicated that the efficacy of the reduction of Manganese has declined. The Operator was provided with an operational plan to recondition the media in place by increasing the free chlorine residual applied to the filters and collecting more frequent Manganese samples. The Division will continue to provide guidance on optimizing the Manganese reduction after evaluating Manganese sample results provided by the Operator. Once treatment has been optimized the Water System will need to include any new treatment procedures in its O&M Manual.

The Division requests that the Wells River Water System provide a written response to the above items **on or before September 5, 2022**. The written response should indicate that the compliance dates above are acceptable or provide alternative dates for review and approval. In the absence of a written response as requested, the Division will incorporate a compliance schedule to resolve these deficiencies in the forthcoming amended PTO.

I appreciate John meeting with us in order to conduct the sanitary survey and follow up technical assistance visit of the Wells River Water System. 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 L Collins

Heather L. Collins
Community System Operations Specialist

Vermont Water Supply Rule

cc: Jeff Morin, Designated Water System Operator, WSID 5176
Dana Nagy, Community Operations Section Supervisor, DWGPD
Willie Nickerson, Division Engineer, DWGPD
Ray Solomon, Division Water Chemist, DWGPD
WSID File 5176

From: Lemieux, Steffanie
Sent: Monday, August 1, 2022 10:18 AM
To: Mary Schilke
Subject: RE: No Parking - Newbury (Wells River Village)

A concern to note is on the state highway you can't have no parking areas with exceptions. This is something we can discuss later once you provide precise locations but I wanted to note this.

From: Mary Schilke <wellsrivervillageclerk@gmail.com>
Sent: Monday, August 1, 2022 10:01 AM
To: Lemieux, Steffanie <Steffanie.Lemieux@vermont.gov>
Subject: RE: No Parking - Newbury (Wells River Village)

EXTERNAL SENDER: Do not open attachments or click on links unless you recognize and trust the sender.
Hello Steffanie ,

The major area of concern is the north end of main street, there is an ice cream stand whose consumers park on crosswalks and wily nilly in front of The Fire House and residences on both sides of the street. . There are no signs to reserve the area on east side of the road for our volunteer fireman to park when called out. There have been multiple near misses as people park on the crosswalk and block safe access. They block fire hydrantaccess on corner of maple Street. We have seen people park on the bridge and I personally will have people turn around in my yard on north end of street. I will try to get you pictures this afternoon.
Yes we would like to be informed on the meeting date.

Regards ,

Mary Schilke
Wells River Village Clerk
Sent from Mail for Windows

From: Lemieux, Steffanie
Sent: Thursday, July 28, 2022 10:54 AM
To: wellsrivervillageclerk@gmail.com
Subject: No Parking - Newbury (Wells River Village)

Good Morning,

I am the North East Traffic Investigator that will be performing the engineering studies for the no parking request the village has submitted.

No Parking Signs are a regulatory issue and are set by the Vermont Traffic Committee, made up of the Secretary of Transportation, the Commissioner of Motor Vehicles, and the Commissioner of Public Safety, based on an engineering study performed by the Agency of Transportation. Therefore, to address the addition of No Parking Signs Traffic Operations will conduct a traffic engineering study, as

required by State Law, and will forward a recommendation to the Vermont Traffic Committee, who makes the final decision. You will be notified of our recommendation two to three weeks prior to the Traffic Committee meeting where this issue will be discussed, in the event you wish to attend and provide testimony. The meeting will likely be held in a hybrid or partially virtual format. The Committee meets about three times per year, and the town and other interested parties may present testimony at the meetings. The No parking Signs will be added to the agenda for the next Traffic Committee meeting. A date for this meeting has not yet been set but will likely be in the late summer or early fall of 2022.

In your request specific locations we not identified. I am looking for the villages specific requests of beginning and ending no parking zone locations. Maps and/or pictures, with notes and marking on them are helpful in identifying the villages requests.

Thank you,

Steffanie

Steffanie Lemieux
North East Regional Traffic Investigator
Vermont Agency of Transportation
Operations & Safety Bureau
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Steffanie.lemieux@vermont.gov