

Edward Farrar Utility District

Commissioners Meeting

Wednesday, March 12, 2025

Steele Community Room, 28 North Main Street, Waterbury, VT

Attendance: P.H. "Skip" Flanders, Natalie Sherman, Bob Finucane, Cindy Parks, Rick Weston

Staff: Tom Leitz, Bill Woodruff, Kia Winchell Nealy

Audience: Kenneth Ryan, Anne Imhoff, Maureen McCracken, Valerie Rogers, Tom Gloor, Owen-Sette-Ducati

The monthly meeting of the Edward Farrar Utility District was called to order at 4:32pm.

AGENDA

K. Nealy made a One-Leak Rule request on behalf of Barbara Maynard.

B. Woodruff made a request to discuss an e-mail concerning dog excrement.

B. Finucane asked if could direct the Town Manager to seek legal advice concerning the Ice Center UDAG loan.

It was suggested the One-Leak Rule request and the dog excrement e-mail be discussed before the department reports. The Ice Center and UDAG loan could be discussed prior to the UVM Watershed project.

N. Sherman made the motion to approve the agenda with the modifications.

B. Finucane seconded the motion.

A vote was taken and passed unanimously.

PUBLIC

Valerie Rogers brought up the minutes from the June and July 2024 EFUD meetings and inquired about the hazard mitigation grant. T. Leitz reported that the State of Vermont is moving along on those funds.

Tom Gloor inquired if the Local Option Tax fund could be used by EFUD ... and suggested a conversation be had between the Waterbury Selectboard and members of the Edward Farrar Utility District.

MINUTES OF THE MEETING

N. Sherman made a motion to approve the minutes of the meetings from February 12, and March 5, 2025.

B. Finucane seconded the motion.

A vote was taken and passed unanimously.

UTILITY DISTRICT STUDY COMMITTEE

S. Flanders would like a study to indicate the advantages and disadvantages of the current charter for the Edward Farrar Utility District ... and questions if a request for proposal consultant should be hired to conduct the study. Flanders suggested he and T. Leitz come up with wording for EFUD's Annual Meeting Report.

T. Leitz will reach out to Central Vermont Regional Planning and Vermont League of Cities and Towns to see if a former town manager that would understand the project and be willing to take it on.

COMMITTEE FUNDING FOR ROUTE 100 PROJECT

T. Leitz informed the EFUD board that the federal grant of 2.23 million dollars has been legally appropriated and has no time limit as to when it needs to be spent. The \$529,000 grant from the State of Vermont is a match of the federal money ... and does have a time limit on its spending.

The State money will be used for the final design and fund permits for the project.

UDAG LOAN COMMITTEE

During previous meetings, T. Leitz expressed difficulties with the current UDAG Loan Policy. (Meetings with the loan fund committee must be warned public meetings ... and it's difficult to following the open meeting law while trying to make loan recommendations in a timely fashion.) It's been determined if EFUD creates a committee, it's a public body. It is NOT a public body if staff members are appointed. EFUD could contract with Revitalizing Waterbury (the economic arm of the Town of Waterbury) to provide the loan intake and their own committee. The Town Managers could serve on the committee ... then report to the EFUD board for final approval of any loan requests.

Anne Imhoff stressed the UDAG loan is a bridge to help with other funding ... and the applicant should come to the Edward Farrar Utility District Board AFTER all other loans and monies have been secured. The applicant should also have a list of criteria and a checklist prepared before visiting the UDAG Loan Committee. A. Imhoff would like to see a statement from the EFUD board asking the applicant what the loan would be used for.

T. Leitz will report back at the next EFUD meeting with a prepared loan contract intake form for Revitalizing Waterbury.

UVM STUDENT WATERSHED PROJECT

C. Parks provided the Edward Farrar Utility District board with an extensive summary of the proposal for the UVM student watershed project. Parks pointed out that there are many incorrect facts ... and the five UVM students involved admitted they may have undertaken a project that is too much for them. They have requested more site visits and a water quality test. Parks has informed the students the State of Vermont also has standards for public water quality. The students have also suggested signage within the Water Shed area and public education about the property.

Watershed signage that was presented during the EFUD board meeting on February 12, 2025 has been approved and purchased and will be ready to install as soon as weather permits.

EFUD ANNUAL MEETING AND REPORT

The Annual Edward Farrar Utility District meeting is scheduled for May 12, 2025.

T. Leitz suggested data from the department reports should be included in the Annual Report. Also, a discussion on manhole catch pans. (\$10,000 would purchase enough catch pans to be placed under the manhole covers ... and that would help reduce inflow during future storms. Our data shows an extra seven million gallons of partially treated water flowed through the treatment plant during the last flood.)

- * It should be mentioned that the Kneeland Flats Trailer Park meters are now being read electronically.
- * The leak discovered near Howard Avenue/Route 100 is something that will need to be hired out.

THE WASHINGTON WEST ICE CENTER

The Minutes from September 14, 2022 EFUD meeting read; "

"There was a long discussion between the manager, the commissioners, and Ice Center board members about the UDAG loan from EFUD to the Ice Center. W. Shepeluck has recommended the deferment of the loan at 0% interest for 20 years, outlined in a memo he wrote in July. R. Finucane expressed concerns about that recommendation, stating it was not prudent public policy to do so. After a lengthy discussion, R. Finucane moved to re-state the principal due on the loan at \$529,800, to make the interest 0% per annum and to defer all payments for a period of 5-years to September of 2027. The commissioners at that time will reconsider the terms and conditions of the loan. C. Parks seconded the motion. The commissioners voted in favor of the motion 5-0. The Ice Center representatives thanked the board members for their consideration."

After much discussion, B. Finucane is satisfied with the conversation ... but would like to have EFUD's attorney look at the wording from September 14, 2022 Minutes of the Meeting ... and suggests that since the Minutes are not a contract, perhaps it should be reworded.

UNION UPDATE

The last text exchange between the Town Manager and the union leader indicates we are a few weeks away from final positions. T. Leitz hopes to have more information and recommendations for bargaining positions at next month's EFUD meeting.

ONE LEAK RULE

B. Finucane made the motion to approve the one leak rule request by Barbara Maynard.
N. Sherman seconded the motion.
A vote was taken and passed unanimously.

DOG EXCREMENT E-MAIL

B. Woodruff received an e-mail expressing concerns about dog excrement throughout the Watershed and posting signage about cleaning up after a dog has relieved itself. C. Parks has some concerns about the wording; instead of Water Works Property it should say public water works ... protection of public health should be indicated.

R. Weston moved to post an announcement on Front Porch Forum – as amended – informing the public about concerns of dog waste.

B. Finucane seconded the motion.
A vote was taken and passed unanimously.

DEPARTMENT REPORTS

B. Woodruff was asked what the process is for repairing fire hydrants in the town of Waterbury. Woodruff reports the water department staff are well versed in our hydrants and repairing them.

ADJOURN

B. Finucane made the motions to adjourn the meeting at 6:42pm.
N. Sherman seconded the motion.
A vote was taken and passed unanimously.

* Next meeting of the Edward Farrar Utility District: April 9, 2025
kia

Edward Farrar Utility District Commissioners Meeting

Wednesday, March 12, 2025

4:30 pm in person at Steele Room
28 North Main St, Waterbury VT

Join Zoom Meeting
<https://www.zoom.us/join>
Meeting ID: 822 9251 7551
Passcode: 053700

- 4:30 pm Call to Order/Approve Agenda
- 4:30 pm Public
- 4:35 pm Consider Minutes of Feb 12, and March 5 meetings
- 4:40 pm Consider Study Committee to identify and evaluate the advantages and disadvantages of the Utility District and file a report.
- 5:00 pm Update on viability of committed funding for Rt 100 waterline project.
- 5:15 pm Consider revisions to operation UDAG Loan Committee.
- 5: 35 pm Update on UVM Student Watershed Project
- 5:45 pm Planning for EFUD Annual report and Annual meeting
◦ WASHINGTON WEST ICE CENTER
- 6:00 pm Update on Union
◦ ONE LEAK RULE ◦ DOG EXCREMENT
- 6:10 pm Department Reports.
- 6:20 pm Adjourn

Edward Farrar Utility District
Commissioners Meeting
Wednesday, February 12, 2025
Steele Community Room, 28 North Main Street, Waterbury, VT

Attendance: P.H. "Skip" Flanders, Natalie Sherman, Bob Finucane, Cindy Parks, Rick Weston
Staff: Tom Leitz, Bill Woodruff, Kia Winchell Nealy
Zoom: Anne Imhoff, Kenny Ryan, Grant McCracken

The monthly meeting of the Edward Farra Utility District was called to order at 4:37pm.

AGENDA

- * Town Manager - Tom Leitz - has requested a discussion of the Priority List Application. It is suggested the topic be discussed after the proposed water and waste-water budgets.
- * There was also a request for an Executive Session to discuss labor relations.

R. Weston made the motion to go into Executive Session - after reviewing the monthly department reports - and to also add the discussion about the Priority List Application.
B. Finucane seconded the motion.
A vote was taken ... and passed unanimously.

MINUTES OF THE MEETING FROM JANUARY 21, 2025

N. Sherman made the motion to approve the minutes of the meeting from January 21, 2025 as presented.
B. Finucane seconded the motion.
A vote was taken ... and passed unanimously.

WATER AND WASTE-WATER BUDGET(S)

- T. Leitz presented spreadsheets for the full debt for the water and waste-water departments for 2025.
- * Some of the debt will drop off ... i.e., the Park Row/Elm Street project/bond will be paid off this year.
 - * The waste-water department had a monetary advance from the water department for the past five years ... that debt has been paid and is now gone.
 - * The budget(s) presented did not ask for any increases in debt ... as there are no projects on the horizon that are being considered by the town or EFUD which would cause an increase in debt.
 - * Meter readings show a slow but steady uptick in usage of water at the State Complex.
 - * The Armory is also showing an increase in water usage.

In addition to reviewing the water and waste-water budgets, T. Leitz reports; as the result of new water lines being installed at Kneeland Flats Trailer Park there will be a decline in usage and revenue from those customers. As a result, to help offset the monetary loss, Leitz suggests a two percent (2%) rate increase in the water base rates and metered usage water rates.

After much discussion about notifying customers of an increase, it was suggested a billing insert go in with the next round of invoices (to be mailed out February 20, 2025) notifying customers of the two percent (2%) increase for the upcoming billing period May/June/July 2025, which will be mailed out August 20, 2025.

B. Finucane made the motion to approve the water and waste-water budget(s) as presented.
C. Parks seconded the motion.
A vote was taken ... and passed unanimously.

B. Finucane made the motion to approve a general rate increase of two percent (2%) on water base rates and usage rates beginning with the May billing cycle ... along with a note to be included with the invoices that are scheduled to go out on February 20, 2025.

R. Weston seconded the motion.
A vote was taken ... and passed unanimously.

WATERSHED SIGNAGE

Three watershed signs were presented.

* It was suggested the two detailed signs could be posted together at the entrances of the watershed.

* The generic "protect our watershed" sign could be printed on aluminum and posted throughout the watershed.

* When questioned about the color blue, C. Parks said blue signifies drinking water.

R. Weston made the motion to approve the three sign designs as presented and delegated the Town Manager to have them made and distributed throughout the watershed.

B. Finucane seconded the motion.

A vote was taken ... and passed unanimously.

PRIORITY LIST APPLICATION

The State of Vermont has a Priority List for the Clean Water State Revolving Loan Fund. A municipality requests permission to apply to get on the list ... then once on the list ... it gets you in line for a loan or grant.

** After the last round of flooding, Alec Tuscany presented a report to the Town Manager with suggestions for strengthening the Waste-Water Treatment Plant lagoon walls. (See report).*

** A. Tuscany and B. Woodruff are also working on a Sludge Study that could also be submitted to the state as a priority.*

If these projects don't make the State's Priority List AND the Town and EFUD still want to do projects proposed, T. Leitz would come back with a proposed budget for 2026.

R. Weston made the motion to authorize the Town Manager to submit the project to the Clean Water State Revolving Loan Fund.

B. Finucane seconded the motion.

C. Parks recused herself as she is involved with the Clean Water State Revolving Loan Fund.

A vote was taken ... and passed without opposition

UDAG LOAN COMMITTEE

T. Leitz expressed the challenges of the current UDAG Loan Policy. Meetings with the loan fund committee, by law, are warned public meetings ... and it is difficult to follow the open meeting law while trying to make loan recommendations in a timely fashion. It is also an odd situation as the committee reviews private financial information, which would be discussed during executive session. Leitz has found this to be a difficult situation as we must warn public meetings that fundamentally will never be open to the public.

T. Leitz suggests the loan policy could be rewritten such that the town manager appoints the committee, rather than the EUUD board. That would make it an internal committee, and open meeting law would not apply. Leitz made it clear he is not suggesting the role of the EFUD board, which approves all loans, be diminished or modified in any way

B. Finucane suggested the Town's attorney take a look at the wording in the UDAG Loan Policy.

UVM STUDENT WATERSHED PROJECT

C. Parks and B. Woodruff recently visited UVM and met with five students involved in municipal projects. Both explained the importance of the watershed to the area, along with about construction and use of bike trails, unauthorized cutting, and the need to protect our resources. Waterbury's Watershed along with two other projects were pitched to and accepted by the students. (These are rising seniors with backgrounds in the outdoors, recreation, and hydrology) The students, along with Amy Marshall Carney - from the Conservation Commission - were provided with references and resources. The students will meet with Parks and Woodruff

Thursday, February 14, 2025 to visit with staff and snowshoe through the water shed. C. Parks informed the EFUD board, the deadline for the student's project proposal is Friday, February 15, 2025.

DEPARTMENT REPORTS

B. Woodruff reports the 100,000 gallon per day leak was finally located ... in the neighborhood of a previous leak along Howard Avenue in Waterbury Center. That section of the water line has been shut off ... and there is now a dead-end section between Howard Avenue and Reservoir Road. Fortunately, no customers will be affected by this section being shut off.

The project at 51 South Main Street has been progressing.

- * The property has been connected to the 6" valve.
- * Also connected the sewer line
- * Storm drains have been put in place on the property.
- * Workers have pulled out live powerlines to the street lights.

EXECUTIVE SESSION

R. Weston moved that the commission find that a matter to be discussed would, if given premature general public knowledge, could place the commission at a disadvantage.

B. Finucane seconded the motion.

A vote was taken ... and passed unanimously.

R. Weston moved that the commission enter into Executive Session for the purpose of discussing a labor relations matter.

B. Finucane seconded the motion.

A vote was taken ... and passed unanimously.

The Edward Farrar Utility District entered Executive Session at 5:54pm.

Executive Session ended at 6:12pm with no action taken.

R. Weston made the motion to adjourn the Edward Farrar Utility District's meeting at 6:15 pm

B. Finucane seconded the motion.

A vote was taken ... and passed unanimously.

A one-sheet of the State of Vermont's Code of Ethics was passed out. The Town Manager informed board members this applied to the Edward Farrar Utility district ... and mandatory training will be required.

Next meeting of the Edward Farrar Utility District: March 12, 2025

kia

Edward Farrar Utility District Commissioners Meeting Wednesday, March 5, 2025

"If any individual or organization requests a recording of this meeting please contact the District Manager at (802) 244-4300 or via email at tleitz@waterburyvt.com."

EFUD 3-5-25

Attendance: Skip Flanders, Bob Finucane, Natalie Sherman, Rick Weston, and Cynthia Parks.

Town Staff: Tom Leitz

Public: Natalie Rogers, Tom Gloor, Roger Clapp, Rich Hayes, Anne Imhoff, Joseph Pensak, Anna Black

Skip Flanders called the meeting to order at 3:30 p.m.

Motion to approve amended agenda made by Natalie, seconded by Rick. Motion was passed unanimously.

Discussion of Treehouse Loan: Tom Leitz introduced the business model and the proposed loan terms to the committee. Joseph Pensak elaborated on the details on the business and answered questions by the Board members. It was noted by staff and loan committee members this loan has some degree of risk due to the debt of the applicants.

Natalie Sherman made a motion to approve the loan terms as recommended by the loan committee. Those terms are:

A loan of \$25,000 with a 5-year term, an interest rate of 5.0%, with no payments due for 90-days.

Bob Finucane seconded the motion, and all voted in favor.

Rick Weston had to excuse himself from the meeting.

Natalie Sherman made a motion to adjourn, and Bob Finucane seconded the motion. The motion was approved unanimously and the meeting adjourned at 4:15 p.m.

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Executive Summary

With all of its natural beauty, Vermont is profitable and appreciated through its mountains, woods, and recreation recreation, such as skiing. However, over the past two decades, there has been an observable rapid increase in mountain biking across the state. Relatively new in sport, MTB did not gain traction until the 90s. Since then, many outdoor recreation hotspots like VT have seen an increase in bike shops, races, and trail builds. This steady increase, along with the 2020 pandemic, have led to the largest number of mountain bikers frequenting trails more than ever.

Commented [4]: I don't think we should be promoting skiing as it relates to the purpose and intent of our efforts.

Commented [5]: define acronym first before using

Commented [6]: Are there stats available to support this statement?

Increased recreation isn't always positive for the landscape. Mountain biking can result in intense heavy erosion, especially on loose soils, steep slopes, and during wet periods. Typically, trails are built by larger organizations, such as VMBA and Fellowship of the Wheel,

Commented [7]: Pls define this acronym.

working alongside conservationists and ecologists, assuring minimal landscape impacts and flow disruptions. Despite the drawbacks, bikers will often construct "unauthorized" trails, and with the combination of just the right factors, this can lead to much larger problems.

Commented [8]: and following best management practices BMP's

Our project focuses on the Merriam Brook and Tyler Brook, source surface waters for the Edward Farrar Utility District's (EFUD) Public Water System (PWS) Lower Little River watershed in Waterbury which holds the Waterbury Reservoir, the source of the surrounding area's drinking water. In the foothills to the West, both authorized and unauthorized MTB trails follow these two brooks, which serve as the headwaters of the Thatcher Brook Watershed, that run into the reservoir. The erosion provoked by the combination of mountain biking and increased flooding events has led to a dramatic drop in Waterbury's water quality. Specifically, sedimentation and nutrient accumulation within the water column have risen, leading to increased water turbidity within the Waterbury region. We hope to improve the water quality for the PWS in the reservoir in several ways. We will curate educational signage at all trail entry points, providing trail users with information on safe/not-safe riding practices, an orienting map depicting official and unofficial trails, and the ecological importance of the land. We also plan to quantify sedimentation deposition into the Lower Little River Watershed two source brooks, using a Conductivity Meter to collect a baseline data set and Map "problem areas" within the Watershed through arcGIS. Finally, we will provide the conservation commission and EFUD with ecological practice recommendations including planting areas for riparian buffer species, placement for erosion stops like water bars, and possible trail rerouting.

Commented [9]: recommend adding a footnote to maps, most current research etc. i.e. <https://centralvtplanning.org/wp-content/uploads/2021/09/LittleRiverCorridorPlan.pdf>

Commented [CP10R9]: 02.27.25 - Cindy will send two references confirming the watershed for the EFUD source water streams is in the Thatcher Brook Watershed.

Commented [11]: Incorrect drainage basin.

Commented [12]: ????

Commented [13]: Thatcher Brook Headwaters or Waterbury Waterworks Property

Commented [14]: Technically I dont think there are any authorized trolls

Commented [15]: ??? need to update with waterworks watershed (insert proper title)

Commented [16]: has the potential to lead to dramatic

Commented [17]: Is there a reference or basis for this statement? Can the drop in water quality be quantified?

Commented [18]: Source of this statement?

Commented [19]: Define what is official (EFUD is not aware of any "official" trails. Also define what an unofficial trail is.

Commented [20]: in this context I recommend including areas that are restricted and no access.

3

Project Overview

The Thatcher Brook Lower Little River Watershed in Waterbury, VT (fig. 1) whose headwaters are Merriam and Tyler Brooks, which are the surface water sources for the EFUD PWS been experiencing a dramatic increase in turbidity. The biggest threat to water quality within Waterbury's watershed, along with various water basins within the greater Vermont area, is erosion. Although erosion can often be a result of natural phenomena, such as rain-on events, it can also be induced recreationally. In the heat of the 2020 COVID pandemic, recreation had boomed drastically within the Green Mountain state, most commonly through activities such as skiing, biking, and mountain biking. The statewide recreational increase has continued to stay

Commented [21]: Watershed clarification.

Commented [CP22]: Is there any proof of the turbidity levels increasing?

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Addendum to NR 4030 Proposal for Waterbury Community Partners
Questions and Comments from Edward Farrar Utility District (EFUD)

February 28, 2025

This document is an addendum to the embedded comments/edits provided in the NR 4060 Proposal transmitted to the Consultant Student Group earlier on February 28, 2025.

Questions which EFUD is Seeking Answers to Through the NR 4060 Project:

1. The fundamental question which EFUD is seeking to have answered is whether EFUD can allow mountain biking at all on our property containing Merriam and Tyler Brooks and their watersheds.
2. If so, under what conditions should mountain biking be allowed?
 - a. For example, should it be prohibited for a certain period following rain events?
 - b. Should it be prohibited based on seasonality, e.g. until a certain date in late spring to allow the soil to dry following snow melt?
3. How are other Public Water Systems (PWSs) handling recreational pressures in their surface water source watersheds?
4. Source Protection Zones for Public Water Systems with Surface Water Sources – see Attachment 1. Also see the *May 2021 EFUD Source Protection Plan Update* including the figure with the Source Protection Area (SPA) and Zones, which was disseminated via email for the second lab meeting.
 - a. Should the zones have different types of restrictions on mountain biking?
 - b. Should existing social trails and any future designed trails be relocated/sited to minimize location within Zones 1 and 2?
 - c. Can any existing social trail crossings across the brooks be eliminated? Can the number of brook crossings be minimized?
 - d. Can you conjecture what the design of a brook crossing within Zone 1 would look like? Same question for Zone 2.
 - e. More details on minimizing trail erosion and associated trail design would be welcome.
5. EFUD's fundamental recommendation to improve this Proposal is to emphasize that the two brooks are source waters for a Public Water System as well as the need for public health protection.
 - a. Also try to think about the impact on consumers of the drinking water in regard to statements about the quality of source water. The statements need to be based on facts and not hyperbole. Consumers get very nervous if they perceive that their children may be drinking less than pristine water quality.
 - b. Please include the statement that "EFUD's treated drinking water meets all state and federal water quality standards even if the turbidity of the surface water sources may be

elevated. The turbidity is removed through treatment at the Barnes Hill Treatment Plant.”

- c. Also, when pointing out that the turbidity in each of the brooks increases after rain events, note that EFUD will, depending on the turbidity of the source waters, either:
 1. Switch from using the surface water sources to using the groundwater sources. There is an economic cost associated with this action in the form of increased electrical usage for pumping.
 2. Alter treatment, typically by increasing the amount of clarifying chemicals added; or using longer filter runs which results in needing to backwash filters more frequently. Both actions have associated economic costs.
6. Would latrines be recommended to cut down on the pathogen risk to the drinking water quality? If so, where should they be located? Might their presence increase the number of bikers?
7. If mountain biking is allowed on EFUD’s property and if the State of Vermont Department of Forests, Parks, and Recreation allows mountain biking on their adjacent land, which forms the upper part of the watersheds for the two brooks, EFUD would welcome the design of a water quality monitoring program for the two brooks. In addition to turbidity and conductivity, are there other source water quality parameters, which would be of concern for drinking water quality? This monitoring program would need to establish a baseline of existing conditions and allow the tracking of the impacts to the brooks from mountain biking as well as serving as an early alarm system for water quality concerns and public health protection.

SIGNAGE

During the summer and fall of 2024, EFUD reached out to several of the largest Public Water Systems with Surface Water Sources in VT. The goals of this outreach were to determine:

1. If these PWSs were experiencing unauthorized trail cutting and use in their watersheds for recreation; and if so,
2. How were they addressing these unauthorized activities?

As you have already proposed, the consensus of these PWS Owners was to use public education and signage to address these issues. Many of these PWSs have watershed lands within the Green Mountain National Forest, whose restrictions on recreational activities were determined to be sufficient to protect drinking water quality. One of these PWS’s exercises police powers over trespassing with a fully fenced drinking water reservoir and a limited number of vehicular access points.

Attached are a couple of examples of signage used by other VT PWSs. Also attached are three draft signs specific to EFUD. EFUD would welcome your review of these three examples and looks forward to your proposed signage and education deliverables as a part of the NR4060 Consulting Project.

THATCHER BROOK WATERSHED

Waterbury Reservoir, which flows into the Lower Little River Watershed, is a large flood-control reservoir. It is NOT a drinking water reservoir.

Merriam and Tyler Brooks are typically labelled as unnamed tributaries to Thatcher Brook, which discharges into the Winooski River in Waterbury. Both brooks are the Headwaters of Thatcher Brook and are in Stowe, just north of the Stowe/Waterbury municipal boundary. Please refer to the 2015 *Waterbury Vermont, Middle Winooski River Corridor Plan* and the 2021 *VT Water Quality Standards Markup* attached herewith for verification. Also, Page 75 of the *Worcester Range Management Unit Long-Range Management Plan (September 2024) (WRMU)* has a map of Water Resources and Fisheries Resources including Thatcher Brook.

<https://fpr.vermont.gov/sites/fpr/files/documents/Worcester%20Range%20Management%20Unit%20Long%20Range%20Management%20Plan%20-%20signed%209-26-2024.pdf>

LEGAL/INSTITUTIONAL RECOMMENDATIONS

Are there any recommendations from this Category, which might be worth examining? For example, would you recommend that EFUD enter into a Memorandum-of-Understanding with the State of Vermont, Department of Forests, Parks, and Recreation regarding their uses of the upper watershed lands for the two Brooks. Should EFUD pursue seeking a covenant on the State parcel in the event it is sold to another Owner, whose interests were more commercial? Are there other legal or institutional tools, which EFUD should be aware of to protect the watershed lands?

EFUD vs TOWN

EFUD was created by Legislative Charter in 2018 to replace the Village of Waterbury (<https://legislature.vermont.gov/statutes/fullchapter/24APPENDIX/705>) for the purpose of providing water and sewer services. EFUD is a separate political body (*i.e.* municipality) from the Town of Waterbury, although most of the geographic location of EFUD is within the municipal boundaries of Waterbury. To make it even more confusing, the geographic location served by sewer is different than the water service location. The Public Works Department is responsible for the water, sewer, and highway infrastructures and is supported financially by EFUD with the Town covering the road costs.

PROJECT DELIVERABLES

The Proposal presents several excellent ideas and approaches. It was surprising how many professional articles were cited as EFUD has tried to research this topic for the past several years and come up empty-handed with literature searches.

EFUD is concerned that the proposed deliverables may be overly optimistic given the time and weather constraints, especially with the deep snow pack this winter. It will probably be June before the snow completely melts in the watershed this year.

Would you consider doing a desktop study for some of the proposed deliverables? With remote-sensing techniques; the large amount of available GIS information from the VT Dept of

Environmental Conservation's website and UVM; it might be possible to eliminate some of the proposed field work. Check out the September 2024 WRMU Report (see link above) for ideas.

EFUD would be glad to provide you with actual Raw (Source) Water Quality Data for evaluation, to eliminate the need for sampling. *It is acknowledged, however, that it is much more fun to perform field work!* Let us know if you would like to receive the water quality data and it will be provided.

WATER QUALITY STANDARDS

Page 17 of the Proposal indicates that “*will establish water quality standards/goals that must be met for the river's (brooks??)*” This proposed work is very difficult to perform. In lieu of trying to establish these limits, you might want to compare VT's Surface Water Quality Standards, which apply to the two brooks, with the Safe Drinking Water Act's Drinking Water Standards (Primary and Secondary). Alternatively, the Safe Drinking Water Act requires that all surface water sources do not exceed a turbidity of 5 NTU without resorting to additional treatment techniques. It might be interesting to see where the turbidities in the two brooks fall with respect to the 5 NTU limit.

SUGGESTION for HAVING GROUP EDITOR(S) for FINAL WORK PRODUCTS

One of the challenges of Group Projects is to produce work products, which read as if there is one author. To achieve this in consulting, typically one or two parties are assigned to edit the document to iron out any choppiness. Your group might want to use this practice, because the Proposal contained multiple writing styles.

To Whom it May Concern:

The igniter to boiler failed, causing the house to freeze and the waterline under the sink to pop its fitting and the water to leak all over the kitchen and through to the bottom floor and out the basement door. An attentive Waterbury Municipal employee noticed the unusual usage on February 4, 2025, and performed a check of the property and noticed the issue and contacted my mother Barbara Maynard in Florida. I drove to Vermont that day to access the situation and started the process of contacting the Insurance company and Boiler/plumbing team to come out and fix the issue. The house and waterline are currently under repair by Prop Ready LLC out of Winooski, VT and should be completed by mid-March. Let me know if you need anything additional. Thanks for your time and consideration.

Sincerely,

Stephen M. Maynard 2/27/2025

Stephen M. Maynard

One Leak Rule request

Barbara Maynard
360-1499

November 1, 2024 – January 31, 2025 meter shows total usage of 3,900 cubic feet ...
or 324.133 gallons per day.

(3,900 cuft x 7.48 gallons = 29,172 cuft/ 90 days = 324.133 gallons per day)

Town Res Base	\$ 49.97
Town Water	<u>\$126.72</u>
TOTAL DUE for Nov – Jan 2025	<u>\$176.69</u>

-0-

While entering the meter reading in the book (1/21/2025), I noticed the usage for that property averaged 300 cuft. Kenny and/or Kyle double-checked the reading and said they could actually hear water flowing through the home. At that time, one of them alerted the homeowner to a possible problem.

-0-

Previous two cycles of water show an average of 300 cubic feet.

Town Res Base	\$49.97
Town Water	<u>\$ 8.46</u>
Revised TOTAL DUE for Nov – Jan	<u>\$58.43</u>

One Leak Rule request = \$118.26 adjustment (-)

002532
Liberty Insurance Corporation
P.O. Box 5014
Scranton PA 18505-5014



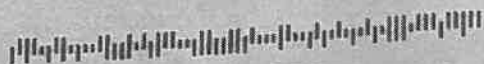
 CONTACT US

Jose.Delatorre01@LibertyMutual.com

Direct: (469) 808-8675
Fax: 888-268-8840

Liberty Insurance Corporation
P.O. Box 5014
Scranton, PA 18505-5014
800-225-2467

LibertyMutual.com



BARBARA MAYNARD
PO BOX 222
WATERBURY CENTER, VT, 05677-0222

February 17, 2025

Claim Number: 058746920-01
Date of Incident: 02/03/2025
Insured: BARBARA MAYNARD

Policy Number: H37-212-111463-75
Loss Location: 1499 GUPTIL RD, WATERBURY CENTER, VT 05677-7001
Underwriting Company: Liberty Insurance Corporation

Dear BARBARA MAYNARD,

We're writing to inform you that we completed our review of your claim based on information provided by you or on your behalf. The following is a summary of our findings and position on coverage for this claim.

The insurance policy provides coverage subject to policy terms and conditions. Based on our review of the policy, there is partial coverage available for your loss as outlined below.

Our Coverage Position

Coverage cannot be extended for the damage to your furnace as the damage appears to be caused by normal wear and tear. Wear and tear is an exclusion in your policy. However, coverage can be afforded for all ensuing damage caused by the initial water release.

After repairs are complete, if you've made any improvements to your home, or replaced the roofing shingles on your home, you'll need to update your policy accordingly. For assistance, please contact your Sales Representative or call 800-225-7014.



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Payment to you:

Dwelling	\$26,945.32
Deductible	(\$1,000.00)
Recoverable Depreciation	(\$2,965.02)
Non-Recoverable Depreciation	(\$947.55)
<hr/> Payment to you	<hr/> \$22,032.75

We list below the grounds under which all aspects of the claim are not covered under the policy, so you may be aware of the factors for the partial denial of coverage. It is our intent to incorporate by reference all of the terms of the policy through this partial denial of coverage letter. Based on the information available to date, the grounds for the partial denial of coverage under the policy, or under applicable law, with respect to the claim, include, but are not limited to, the following:

We insure against risk of direct loss to property described in Coverages A and B only if that loss is a physical loss to property. We do not insure, however, for loss caused by any of the following:

1. Wear and tear, marring, deterioration.

If any of these cause water damage not otherwise excluded, from a plumbing, heating, air conditioning or automatic fire protective sprinkler system or household appliance, we cover loss caused by the water including the cost of tearing out and replacing any part of a building necessary to repair the system or appliance. We do not cover damage to the system or appliance from which this water escaped.

We're Here To Help

We understand this is disappointing news and we want to make sure you fully understand our decision. If you have any questions or concerns, please feel free to call or email me anytime.

Sincerely,

JOSE DELATORRE
Claims Department

Please be advised that your policy contains the following language.

Section I - Conditions:

8. Suit Against Us. No action can be brought unless the policy provisions have been complied with and the action is started within one year after the date of loss. However, your right to bring legal action against us is not conditioned upon your compliance with the provisions of the Appraisal Condition.

Bill Woodruff

From: Grant McCracken
Sent: Thursday, March 06, 2025 1:55 PM
To: Bill Woodruff
Cc: Karen Petrovic; Kyle Guyette; Kenny Ryan
Subject: Wellfield road use for walking dogs

Hi Woody,

It came to our attention while driving out to the wellfield and up to the dams that people have not been cleaning up after their pets and leaving waste on the roads/trails. This was noticed after I slipped on the ice while opening the gate and placed my hand directly into a large pile. We were hoping that with your approval Karen would be able and willing to make a front porch forum post as I have drafted below. Feel free to change said post to whatever you think best represents the department and the space.

Public Notice: Dog Waste Clean-Up Reminder

EFUD Water Department Property

To all dog owners and pet parents,

This is a **reminder** that all dog waste must be picked up and properly disposed of when on ~~EFUD Water Department~~ *Water Works* **owned property**. Keeping our public spaces clean and safe is essential for maintaining the quality of our water resources and the enjoyment of these areas by all.

~~Failure to pick up after your dog will result in public access being revoked to Water Department owned properties.~~

We ask for your cooperation in this matter to ensure the cleanliness and safety of our water supply, as well as to maintain the quality of the public spaces for everyone's benefit.

Thank you for your understanding and compliance.

Sincerely,

Waterbury Water Department
03/06/2025

Grant McCracken, Operator
Waterbury Water Department
(W) 802-244-6357



Waterbury Water Monthly Report February 2025

Items of Interest

Sampling

Maintenance

Weather

Flow Data

High Day	Low Day	Average Day	Peak Flow
2/19/2025	2/28/2025		2/12/2025
313604 Gallons	270765 Gallons	287904 Gallons	894 GPM

Low, Average and High Flow (GPD) for February 2007, 2015 and 2025



Sampling

All Seven monthly coliform samples were submitted and came back favorable. The weekly fluoride samples were sent to the state lab and although waiting on some results, so far all have come back favorable. Yearly proficiency tests were conducted for the new discharge permit and came back favorable.

Maintenance

While conducting re-reads for meter reading a leak was discovered at 1499 Guptil Rd. Unfortunately, there was significant damage to the interior of the house. The leak was due to the houses heating system failing and freezing temperatures. The homeowner was notified and the water was shut off. After the repair was completed, the water was turned back on.

A leak was discovered by the homeowner at 126 O’Hear Ct. The Water Department was notified and were quickly able to shut the water off. The leak was due to heat tape failure and freezing temperatures. The water was turned back on after the repair was completed.

The fire hydrant across the street from 65 Stowe St., and the blow off on River Rd were struck by Highway Department staff while pushing snowbanks back after the mid-February snow storm. Unfortunately, they were not visible due to the amount of snow. The hydrant and blow off will be repaired in the spring.



Kenny was interviewed by WCAX news to discuss EFUD's involvement with Project Franklin. The free program is designed to help utilities improve cyber security. The Water and Wastewater departments have had a few meetings via Zoom with a cyber security professional who is a volunteer working with Project Franklin. We will continue to be in contact with Project Franklin and their cyber security professional to develop strategies and improve our cyber posture.

A new Desert Aire dehumidifier that was ordered in August 2024 has been installed at the water plant. Thanks to the team from Alliance Group Services the unit was delivered and installed on February 26th.



Weather

During the month of February, the temperature ranged from -12.2°F as the low and 50.6°F as the high. Our average temperature for the month was 19°F. Humidity high was 94% and the low was 40% with an average of 74%.

Wastewater Progress Report

February 2025

- **Process and Operations:**

- Process running well and meeting permit limits. With the exception of an E Coli violation. Corrective action was taken and the following sample was within permit limits.
- Sludge barge was repaired to have it ready in the spring.
- First meeting with Aldrich + Elliot about the sludge management study.
- Annual proficiency testing occurred. Need to re test on TRC, which will happen in March.

- February 2025 Flows:
 - Influent average: .184 MGD
 - Influent total: 5.158 MG
 - Effluent average: .324 MGD
 - Effluent total: 4.534 MG
 - Precipitation: 4.91 inches/month
 - Maximum daily precipitation: .67 inches
 - Discharging days/month = 14

- **Collection System:**

- No issues to report.

- **Office & Personnel**

- **2025 Projects List**

- Manhole infiltration repairs-
- Park Row West- new manholes and change to PVC line
- Union St N Main St line repair MH 122-121
- Stream bank stabilization around MH 116-27 Dac Rowe Field
- Install manhole and plug valve leaving ball field bathrooms