

TOWN OF WAITSFIELD  
WATER COMMISSION MEETING  
8.30am Friday, March 14<sup>th</sup>, 2025  
Meeting location Waitsfield Town Office Meeting Room

- I. Call to Order: 8.30 A.M.
- II. Regular Business
  - a. Agenda additions, removals, or adjustments per 1 V.S.A. § 312 (d) (3) (A)
  - b. Public Forum
  - c. Review Shea Application for line extension/connection of 4 ERUs (attached)
  - d. Consider Request from Kristin Behn to waive overage charge (email thread attached)
  - e. Operational Matters
    - i. Update on New Connections
    - ii. Water Finances (pending)
    - iii. 1025 Consumer Confidence Report (attached)
    - iv. Water System Overview (attached as a reference)
- III. Review Water Ordinance (attached)
- IV. Future Meeting Schedule
- V. Other Business

Brian,

When is the meeting on **Thursday**? The new culvert is arriving **today** but I hope by **Thursday** I have time to attend.

Re Overage Credits. The meter reading is where we find out if there is an overage caused by a leak. Nate then contacts the owner and if they fix it the verbal policy is the overage is credited. In this case it appears the leak was fixed and I would have credited both bills. If the leak had not been fixed then no credit, if the leak happens again from the same fittings then no credit.

Regards

Robin Morris  
c. 802.498.7379  
e. [rsmorris@cimark.com](mailto:rsmorris@cimark.com)

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**From:** "Brian Shupe" <[bshupe@madriver.com](mailto:bshupe@madriver.com)>  
**To:** "Robin Morris" <[rsmorris@cimark.com](mailto:rsmorris@cimark.com)>  
**Sent:** **Monday, August 18, 2025 3:54:32 PM**  
**Subject:** Fwd: water overage [5523 Main Street, Waitsfield]

Thoughts on this?

Are you coming to Thursdays WC meeting? I will send out an agenda **tomorrow morning**.

Sent from my iPad

Begin forwarded message:

**From:** Nathaniel Fredericks <[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)>  
**Date:** **August 18, 2025 at 1:52:47 PM EDT**  
**To:** Brian Shupe <[bshupe@madriver.com](mailto:bshupe@madriver.com)>  
**Subject:** Fwd: water overage [5523 Main Street, Waitsfield]

Nathaniel Fredericks  
Regional Manager  
Simon Operation Services  
(c) [802-793-5633](tel:802-793-5633)  
(o) [802-244-7420](tel:802-244-7420)  
[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)

----- Forwarded message -----

From: **Nathaniel Fredericks** <[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)>  
Date: **Mon, Aug 18, 2025, 13:51**  
Subject: Re: water overage [5523 Main Street, Waitsfield]  
To: Kirstin Behn <[kirstinbehn@gmail.com](mailto:kirstinbehn@gmail.com)>  
Cc: Jennifer Peterson <[waitsfieldclerk@gmavt.net](mailto:waitsfieldclerk@gmavt.net)>, wateradmin <[wateradmin@gmavt.net](mailto:wateradmin@gmavt.net)>, Waitsfield Treasurer <[waitsfld@gmavt.net](mailto:waitsfld@gmavt.net)>

Hi Kirstin

I don't make those decisions for credits/billing. This is a Water Commission decision. They are ccd here and will reach out to you once they have a decision.

Nathaniel Fredericks  
Regional Manager  
Simon Operation Services  
(c) [802-793-5633](tel:802-793-5633)  
(o) [802-244-7420](tel:802-244-7420)  
[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)

On **Mon, Aug 18, 2025, 13:31** Kirstin Behn <[kirstinbehn@gmail.com](mailto:kirstinbehn@gmail.com)> wrote:

I think my last email was a bit unclear and so I will try once more to explain.

When you came out and discovered the issue with our hose bib on 3/27 we were already one week into the 2nd quarter so after you had our 1st quarter bill adjusted there was still a week of lost water that I didn't discover until I got the bill for the 2nd quarter. Since that overage was all from the same issue could you have our 2nd quarter bill adjusted as well?

I'm sorry if this is still confusing. Feel free to call me if you would like to go over it.

Thank you,  
Kirstin Behn

On Tue, Aug 5, 2025 at 15:39 Kirstin Behn <[kirstinbehn@gmail.com](mailto:kirstinbehn@gmail.com)> wrote:  
You were here on 3/27 and fixed the hose bib which was a week into the next billing cycle. The overage on our current bill is part of the same incident which you removed from our last bill.

On Tue, Aug 5, 2025 at 13:53 Nathaniel Fredericks <[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)> wrote:  
Looks like you had overages in both 1st and 2nd quarter

***Nathaniel Fredericks***  
***Regional Manager***  
***Simon Operation Services***  
***(c) 802-793-5633***  
***(o) 802-244-7420***  
***fredericksnathaniel@gmail.com***

On Tue, Aug 5, 2025 at 1:21 PM Kirstin Behn <[kirstinbehn@gmail.com](mailto:kirstinbehn@gmail.com)> wrote:  
So should I write a check for the regular amount, with no overage charge?

Kirstin

On Tue, Aug 5, 2025 at 13:13 Nathaniel Fredericks <[fredericksnathaniel@gmail.com](mailto:fredericksnathaniel@gmail.com)> wrote:  
Hello Everyone,

1st and 2nd quarter water meter readings:

KENNY, STEPHEN &, BE  
MAIN ST 5523

75054822

03/20/25 228,300 - 12/18/24 155,556 = 72,744

KENNY, STEPHEN &, BE

MAIN ST 5523

75054822

06/18/25 252,021 - 03/20/25 228,300 = 23,721

I don't recall the exact date I went there and found the constantly running exterior hose bib outside the building, but I know it was after the town water meters were read in the first quarter (after **March 20**), which accounts for the still high water usage onto the second quarter billing.

I read meters in town on **July 23** for special maintenance (non-billing) reasons and I notice their metered usage was only 1,716 gallons (**June 18 - July 23**) which indicates they no longer have any water usage that is lost (leaks, open hose bibs, etc).

***Nathaniel Fredericks***

***Regional Manager***

***Simon Operation Services***

***(c) 802-793-5633***

***(o) 802-244-7420***

***fredericksnathaniel@gmail.com***

On **Tue, Aug 5, 2025** at 12:36 PM Jennifer Peterson <[waitsfieldclerk@gmavt.net](mailto:waitsfieldclerk@gmavt.net)> wrote:

Kirstin came in questioning why her water usage was so high this billing cycle. The bill is attached and shows an overage of over 13,000 gallons. She said she did have a problem last quarter with a leaking spigot, but that was fixed, and she can't find any other leak. There are only two people living at 5523 Main Street, and she says there's no way they could be using that much water.

Kirstin is cc'd here.

Jennifer Peterson  
Town Clerk  
Town of Waitsfield  
4144 Main Street  
Waitsfield, VT 05673  
[waitsfieldclerk@qmavt.net](mailto:waitsfieldclerk@qmavt.net)  
802-496-2218 x3

**Appendix B****Town of Waitsfield Community Water Commission  
Water Service Allocation & Connection Permit Application**Property Owner: Shea Property Services, LLCApplicant: Shea Property Services, LLCMailing Address: 207 Berlin Street, Montpelier, Vermont 05602Property Location: Route 100 Across From Tremblay and Adjacent to ArmstrongPhone: (802) 793-8234Email: aron@sheapropertyservices.com

I hereby apply for permission to construct a:

☒ **New Water Service:** See Town of Waitsfield Water Ordinance, Sections 9 and Appendix A .☐ **Other:** \_\_\_\_\_

Name, address of Contractor, Company or Individual who will undertake the proposed work:

Name To Be Determined - MACS for wet tap and TBD contractor

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Water Service Information:**

1. ☐ Commercial ☒ Residential ☐ Industrial ☐ Other (describe) \_\_\_\_\_
2. Type and Size of Service: 8" extension, 4" into project, 2" to feed duplexes, 1" services
3. Permitted or estimated wastewater capacity (gallons per day): 420 per unit x 4 units = 1,680 gpd
4. Estimated water usage per quarter/year: using 360 gpd/unit approx 33,000 gallons per qtr (this is max)
5. Water supply pipe diameter (inches): see above
6. Fire suppression system ☐ Yes ☒ No Details: \_\_\_\_\_

**Permit Conditions:**

1. Work must commence within one year from the date of this permit.
2. The Waitsfield Community Water System must be contacted 15 days in advance for a pre-construction meeting and construction phase (see Section 19 of the Ordinance).
3. No work may begin without Water Commission approval.
4. Final inspection and approval by Water Commission. is required prior to water service use. Any use without Approval will be subject to penalties per Water Ordinances.
5. All Allocation and/or Connection fees shall be paid at the time service connection(s) are constructed.
6. Applicant is responsible for all labor and material costs of connection, including the Town supplied meter and remote reader for each unit, and water operators inspection costs.

**Signatures:**

I (we) hereby certify that I (we) have read the applicable provisions of the Town of Waitsfield Community Water Ordinance and I agree to abide by the terms and conditions contained therein, conditions as noted above or attached to this Permit. Moreover, I (we) certify that the information contained in this application is true and correct to the best of my knowledge and agree that this permit may be revoked for any negligent or intentional misrepresentation.

Applicant: \_\_\_\_\_

Date: 15 MAY 2024

Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

**OFFICE USE ONLY:**

Connection Fees: Water \$ \_\_\_\_\_ Final Inspection: \$ \_\_\_\_\_ Other: \$ \_\_\_\_\_

\$ \_\_\_\_\_ Connection Fees Paid \_\_\_\_\_ Approved by: \_\_\_\_\_

Check # \_\_\_\_\_ Date \_\_\_\_\_ Water Commission \_\_\_\_\_ Date \_\_\_\_\_

Inspected by: \_\_\_\_\_ Property Tax I.D.# \_\_\_\_\_ Date(s): \_\_\_\_\_

Comments: \_\_\_\_\_

# Waitsfield Community Water System

Overview March 2025

Prepared by: Robin Morris  
March 7th 2025



# Waitsfield Community Water System

## **Water System**

The Waitsfield Community Water System (WCWS) originates with the water supply well at 300 Long Road. This well was drilled in 2006 and determined to have a safe yield of 186 gpm. The well received a new permit in 2024 and determined to have a safe yield of 242.6 gpm. The water distribution system consists of approximately 7.4 miles of pipe, 31 hydrants, numerous gate-valves, and a 407,000-gallon reinforced concrete storage tank. The map on the next page shows the well, tank and location of the water mains.

The 407,000-gallon capacity storage tank is located on a town-owned elevated parcel just off Dump Road, which is a private road connected to Bushnell Road. In addition to the storage tank itself, critical components of the storage system include the telemetry system, the level sensor and manual float systems. The system is permitted to produce 168 gallons per minute from the pump. In the last 12 months the system pumped 15,340,187 gallons which represents 15.7% of the well pump permitted capacity.

There is no treatment of the water supplied by WCWS. A standby chlorination system is available for activation should water quality conditions or a directive from Vermont DWGPD indicate the need. For safety the system is flushed once a year with a small amount of chlorine.

The system cost over \$8m in 2012, financed by a combination of grants and two USDA RD loans. The Debt Service and O&M costs are paid solely by the water users.

## **Water Ordinance**

The principal objective of the Community Water System, is to provide a potable water supply and fire protection capacity, permitted by the State of Vt, under efficiently managed conditions.

The [Water Ordinance](#) was updated in November 2018 and the provisions of this Ordinance are required to be evaluated at intervals not exceeding five (5) years by the Water Commission to assess their continued applicability and appropriateness; to consider any recommendations proposed for their improvement; and to determine what changes, if any, are advisable due to advances in technical methods or processes of potable water treatment, storage and distribution to the Town. A reevaluation of the ordinance is currently underway (but not completed).

The water ordinance should be read in conjunction with Vermont Statute [Title 24 Chapter 89](#) (Waterworks) and [Title 24 Chapter 129](#) (Uniform Water and Sewer Disconnect)



### **Capacity Based Water Billing.**

Since its inception, Waitsfield Water System has used a capacity-based system which utilizes the wastewater permit for assigning equivalent residential units, or ERUs. This system allows for customers to be treated consistently.

The Ordinance defines "ERU" as an Equivalent Residential Unit. Water customers other than single family residences shall have their ERUs calculated by dividing the permitted wastewater capacity by 245 gallons per day. The minimum ERU per property is one (1) ERU.

*Example: A mixed-use property has a wastewater capacity of 460gpd which is 1.88ERUs*

Each property (parcel) is charged a Base Fee based on the property ERUs. The "Base Fee" – is defined as debt service, operations and maintenance cost, and capital reserves multiplied by the ERU allocation that is assessed to the owner of each unit regardless of whether a meter exists for each unit or for several units. The Base Fee is inclusive of 10,000 gallons of water usage per quarter per ERU. Additional usage over 10,000 gallons per ERU is charged in arrears.

### **Water Rate.**

The Water Commission set the Water Rate each Fiscal Year based on a budget that is inclusive of all debt service, O&M expenses, Asset Replacement Reserve and Emergency Reserve divided by the sum of all customer ERUs.

The current rates, which are stated in Appendix A of the Water Ordinance and are effective July 1<sup>st</sup> 2024:

- a. Base Fee – per ERU charge that pays the debt service of the Waitsfield community Water System, the Operation + Maintenance costs and is inclusive of the first 10,000 gallons per quarter (GPQ)

Debt Service:	\$424.00 per ERU per year (\$106.00 per qtr.)	(\$404 in FY2026)
O & M & Reserves	\$166.00 per ERU per year (\$41.50 per qtr.)	
Total Base Fee:	\$590.00 per ERU per year (\$147.50 per qtr.)	

Base Fee is paid in advance each quarter.
- b. Usage charge over 10,000 GPQ (Gallons per Quarter)  
\$6.00 per 1,000 gal

### **Billing Cycles**

Customer Billing occurs on each quarter day, Debt Service and O&M charges are billed in advance and any usage charge is billed in arrears.

Fees regarding non-payment of water rates shall be assessed in accordance with 24 V.S.A. [Chapter 89](#) and [Chapter 129](#). The Billing, interest and notice calendar is on the following page.



## Waitsfield Water System Calendar for Billing, Interest and Notice

<b>Q1 Billing Cycle</b>	
December 20th - 31st	Meter Reading
January - 1st Week	Water Service Billing
February - 1st week	30 days after billing date apply Interest Charges to Account
February - 1st week	Review Aged Receivables, Mail NEMRC Form 30 to Delinquent Accounts
March - 1st Week	60 days after billing date apply Interest Charges to Account
March - 1st Week	Create delinquent form (NEMRC Form 34) for delinquent accounts
March - 3rd Week	75 days after billing date and 14 days after mailing Form 34 - Print "Notice"
March - 3rd Week	Notify SOS who have 48 hours to pick up form from Town Office
<b>Q2 Billing Cycle</b>	
March 20th - 31st	Meter Reading
April - 1st Week	Water Service Billing
May - 1st week	30 days after billing date apply Interest Charges to Account
May - 1st week	Review Aged Receivables, Mail NEMRC Form 30 to Delinquent Accounts
June - 1st Week	60 days after billing date apply Interest Charges to Account
June - 1st Week	Create delinquent form (NEMRC Form 34) for delinquent accounts
June - 3rd Week	75 days after billing date and 14 days after mailing Form 34 - Print "Notice"
June - 3rd Week	Notify SOS who have 48 hours to pick up form from Town Office
<b>Q3 Billing Cycle</b>	
June 20th - 30th	Meter Reading
July - 1st Week	Water Service Billing
August - 1st week	30 days after billing date apply Interest Charges to Account
August - 1st week	Review Aged Receivables, Mail NEMRC Form 30 to Delinquent Accounts
September - 1st Week	60 days after billing date apply Interest Charges to Account
September - 1st Week	Create delinquent form (NEMRC Form 34) for delinquent accounts
September - 3rd Week	75 days after billing date and 14 days after mailing Form 34 - Print "Notice"
September - 3rd Week	Notify SOS who have 48 hours to pick up form from Town Office
<b>Q4 Billing Cycle</b>	
September 20th - 30th	Meter Reading
October - 1st Week	Water Service Billing
November - 1st week	30 days after billing date apply Interest Charges to Account
November - 1st week	Review Aged Receivables, Mail NEMRC Form 30 to Delinquent Accounts
December - 1st Week	60 days after billing date apply Interest Charges to Account
December - 1st Week	Create delinquent form (NEMRC Form 34) for delinquent accounts
December - 3rd Week	75 days after billing date and 14 days after mailing Form 34 - Print "Notice"
December - 3rd Week	Notify SOS who have 48 hours to pick up form from Town Office

## Budget FY26 (Next Fiscal Year)

The FY26 budget and water fee were approved by the Water Commissioners on 1-17-25

WAITSFIELD COMMUNITY WATER SYSTEM			DRAFT	08-Feb-24		14-Nov-24
FY2025 BUDGET		Approved Budget				Proposed Budget Option A
ANNUAL DEBT SERVICE		FY 2025				FY 2026
Debt Service ERU		321.00		Debt Rate		326.87
Debt Service Annual Fee		\$424		\$424.00		\$404
Debt Service Annual Receipts	08-2020	\$136,104		\$106.00		\$132,055
Debt Service Interest	08-1222	\$2,250				\$2,250
<u>Debt Service</u>						
USDA Rural Development Loan, due 03/17, 09/17	08-200-2100	\$124,720				\$124,720
USDA Rural Development Loan, due 11/21, 05/21	08-200-2100	\$8,276				\$8,276
Total Debt Service		\$132,996				\$132,996
Debt Service Surpluse (Deficit)		\$5,358				\$1,309
<u>ANNUAL O&amp;M</u>						
O&M ERU		310.00		O&M Rate		318.87
O&M Annual Fee		\$166		\$166.00		\$166
O&M Annual Reciepts	08-2030	\$51,460		\$41.50		\$52,932
<u>Operations Income</u>						
Additional Water \$6 per \$1,000	08-2040	\$26,250				\$26,250
Special Charges						
Interest & misc Revenue	08-1222	\$2,250				\$3,000
Total Operation Income		\$28,500				\$29,250
<u>Operational Expenses</u>						
Accounting (Water Admin)	08-200-2212	\$5,200	TOW			\$5,500
Postage	08-200-2210	\$450	TOW			\$475
Public Notice	08-200-2215	\$100				\$100
Repairs, Maint, Materials	08-200-2220	\$11,550				\$13,283
Equipment - One Time.	08-200-2221	\$0				\$0
Chemicals	08-200-2225	\$100				\$100
Dues & Taxes	08-200-2230	\$235				\$235
Engineering Services	08-200-2236	\$200				\$200
Electricity	08-200-2240	\$2,650	TOW/GMP			\$2,783
Propane	08-200-2241	\$375				\$450
Insurance (TOW)	08-200-2245	\$1,000	TOW			\$1,050
Legal	08-200-2250	\$500				\$500
Accounting & Audit (TOW)	08-200-2255	\$1,550	TOW			\$1,628
Office/Admin/ Sup/Post	08-200-2260	\$250				\$250
Water Op Contract	08-200-2265	\$23,256				\$24,186
Water Op Add Services	08-200-2266	\$4,000				\$5,000
Permit/Licenses	08-200-2270	\$1,000				\$1,500
Phone/Cell Control	08-200-2275	\$1,300				\$1,300
Dig Safe	08-200-2283	\$330				\$0
Water Tests	08-200-2280	\$1,200				\$1,200
Hydrant Snow Removal	08-200-2287	\$1,650	TOW			\$1,733
Snow Plowing (TOW)	08-200-2285	\$1,100	TOW			\$1,155
Miscellaneous	08-200-2290	\$1,000				\$1,000
Total Operational Expenses		\$58,996				\$63,626
Operating Surplus (Deficit)		\$26,322				\$19,866
<u>Less Reserves</u>						
Total Reserves		\$26,200				\$21,200
Final Operating Surplus (Deficit)		\$122				-\$1,334
Annual Water Rate				\$590		\$570

## **Budget – Key Vendors**

- Simon Operation Services Inc. (SOS)
- Electricity – GMP
- Gas Supplies (well house generator) – Bournes
- Insurance – PACIF
- Utility location - Digsafe
- Vermont Rural Water Assoc. (Annual Membership - access to leak detection services)
- Generator Service – Annual contract with Brookfield
- Sensus Meters and Reading - Core & Main (incl. annual software maintenance)
- Well house and Tank cell phone service – Mission Communications (annual in Aug)

## **Vendor Bill Approval**

The WC Chair approves vendor bills and expenses based on the approved annual budget. The WC Chair and water operator will review items purchased by the water operator and any additional hourly charges for operation.

## **Operations**

Simon Operation Services Inc. (SOS) have been contracted by the Town to operate the Water System since the system came online in 2012. The current contract is for 3 years from January 2024 to December 2026 at a cost of \$1,900 per month in 2024, with a 4% annual uplift for 2025 & 2026. In addition, there is an \$85 per hour charge for operator assistance not covered by the contract except consulting and supervision of any new water service which is charged at a fixed fee of \$125.00. The Town is responsible for all permitting and test costs (Endyne).

## **SOS Personnel**

- Lane Simon – VP & General Manager cell 802-793-2691
- Nate Frederick – Regional Manager – cell 802-793-5633

## **Regular Operations**

Nate Fredericks manages the Water Systems day to day operation including being on call for leaks and/or emergencies, weekly visit to the well house, monthly/annual testing, plus many other tasks as listed in the contract. SOS has other qualified water operators (including Lane Simon) that can step in for Nate should he be unavailable.

For quarterly billing SOS, working with the Treasurer, are responsible for reading meters and are on hand to trouble shoot any billing issues until resolved.

The physical system is maintained by SOS, they have access to charge accounts at Kenyon's, Bisbee's, FW Webb, USA Blue Book, Core & Main and EJ Prescott.

SOS are responsible for the regulatory compliance of the system including all operations, testing and reporting. The Town can access annual monitoring requirements via the Drinking & Groundwater Protection Division Database <https://anrweb.vt.gov/DEC/DWGWP/SearchWS.aspx>  
The 2025 requirements are listed on the following page:



**Drinking Water & Groundwater Protection Division**  
One National Life Drive - Davis 4  
Montpelier, VT 05620-3521  
<http://dec.vermont.gov/water>

Phone: 802-828-1535  
Fax: 802-828-1541  
[Contact Us](#)

## 2025 Monitoring Schedule Details

### VT0020997 - WAITSFIELD WATER SUPPLY

System Type: C    Population: 450    Primary Source: GW

Generated on 2/4/2025 from <https://anrweb.vt.gov/DEC/dwgwp>

**Notes:** For additional monitoring requirement details, view instructions [here](#). Click on chemical groups below for a list of all included analytes within the group. Water Systems that do not follow their required monitoring schedule will receive a monitoring violation.

#### Entry Point to Distribution System Samples (Finished Water)

**If using treatment, take these samples from finished water after treatment**

Facility ID: TP001 - TREATMENT PLANT #1

Sample Point: EP001

Analyte/Group	Monitoring Period	Sample Frequency	Sample Site
IRON AND MANGANESE	1/1 - 3/31	1 per 3 years	ENTRY PT TO DISTRIBUTION
NITRATE	1/1 - 3/31	1 per year	ENTRY PT TO DISTRIBUTION

#### Distribution System Samples - always follow approved sampling plans

##### Routine Total Coliform Bacteria

Sample location(s):

Facility ID	Facility Name	Sample Point
DS001	DISTRIBUTION SYSTEM	TC001

Sample schedule(s):

Monitoring Period	Sample Frequency
1/1 - 12/31	1 per month

SOS also prepare the annual Consumer Confidence Report with data supplied by the State Drinking Water Division. Prior to July 1<sup>st</sup> the Town posts the CCR on the Town Website and mails with the July 1<sup>st</sup> Water Billing which is normally mailed in the last week of June; an attachment is included with the billing directing customers to the CCR on the web site.

Once a year SOS chlorinate and flush the water system. Customers are usually mailed with a slip in their water bill prior to the scheduled flushing. At the Town's request SOS set the dates in advance. In 2024 customers were notified of the CCR and Flushing -see below.

**Waitsfield Water Commission - Notice of Hydrant Flushing and Water Quality Report**

The Water Operator will be conducting the annual flushing of the water system hydrants and valve starting Monday July 29<sup>th</sup>, 2024, and completing by Friday August 2<sup>nd</sup> 2024.

Annual flushing of hydrants is necessary as an important water system preventive maintenance activity. Flushing maintains the integrity of the water system infrastructure and allows the system to continue providing the highest quality of water to service users. Citizens may observe large volumes of water being released.

The system will be chlorinated at a low-level chlorine residual from July 22<sup>nd</sup> to July 29<sup>th</sup>, 2024.

The 2023 Water Quality Report is available online <https://www.waitsfieldvt.gov/waterquality>

**Water Allocations**

The following customer applications have been received, and the Water Commission have approved allocations in the table below.

Water system allocations - pending and new connections FY25				1-Nov-24		
					<b>Total</b>	35.65
Customer	Parcel	Address	Install Date	Existing ERU	New ERU	ERU Increase
Village Grocery	099069	4348 main Street	7/10/24	1.00	1.49	0.49
Shea	099064	4276 Main Street	10/30/24	1.82	6.86	5.04
Main St Condo Association		4200 Main Street	Est May 25	0.00	4.29	4.29
Historic Waitsfield Village		40 Bridge Street	Est May 25	0.00	12.20	12.20
Shea	099031.002	2755 Main Street	Pending	0.00	6.86	6.86
Matusz	099114.000	4544 Main Street	Pending	0.00	1.00	1.00
Big Picture Theater (Revolution Theater LLC)	023001.100	48 Carrol Road	Pending	0.00	6.26	6.26

**Cash Management**

The water system has 3 banks accounts and one account in trust.

- Operations – for day-to-day receipts and payments.
- Water Debt Reserve – The USDA requires us to keep a year's debt service in this account. The ACH payments to the USDA are also withdrawn from this account.
- Water Capital Reserve – for improvements, emergencies, maintenance and repair of the water system. The FY25 budget has a reserve line item of \$26,200

The Debt Service reserve requires quarterly management to ensure there are sufficient funds for the USDA payments of \$62,360 per half year in March and September.



Each quarter the Debt Service Fee receipts are transferred from the Operating Account to the Debt Service Reserve. At the end of the year the 4 transfers should equal the total Debt Service Fees received.

The Water System also holds monies in Trust for Downstreet to pay the debt service on the 29 parcels at Vermont (\$3,074 quarterly). As of 2/1/25 the balance is \$6,888.54. Downstreet are aware of the low balance but there are no plans yet for payments when the funds are exhausted.

#### **Northfield Savings Bank and Mascoma Bank CDs**

In October 2024 the existing CDs were renewed for a period of 9 months, maturing on 7/4/25.

NSB CD \$157,686.32 4.5% - Operating account 33%, Debt Service Reserve 34%, Water System Rehabilitation, Maintenance and Upgrade Reserve Fund.

Mascoma CD \$168,239.80 4.6% - Water System Rehabilitation, Maintenance and Upgrade Reserve Fund.

#### **Year End Fund Transfers to Town of Waitsfield for Services Provided**

- **\$1,100.00** from the Water Commission's general fund (Charging account # 08-200- 2285.10) to the Town of Waitsfield for the Water Commission's Well House snow plowing expense as budgeted for FY2025.
- **\$1,650** from the Water Commission's general fund (Charging account # 08-200- 2287.10) to the Town of Waitsfield for the Water Commission's Hydrant snow removal expense as budgeted for FY2025. (Note – total to be reduced if town has paid monies to George Gabaree)
- **\$450.00** from the Water Commission's general fund (Charging account # 08-200- 2212.10) to the Town of Waitsfield for the Water Commission's Postage usage as budgeted for FY2023.
- **\$x.xxx** from the Water Commission's general fund (Charging account # 08-200-2240.10) to the Town of Waitsfield for the Water Commission's electricity usage as budgeted for FY2023. (Note Budget total is \$2,650 less any payments paid by WC to GMP in FY25)
- **\$1,550.00** from the Water Commission's general fund (Charging account # 08-200- 2255.10) to the Town of Waitsfield for the Water Commission's Treasurer/Audit expense as budgeted for FY2025.
- **\$5,200.00** from the Water Commission's general fund (Charging account # 08-200- 2210.10) to the Town of Waitsfield for the balance of Water Commission's Accounting expense as budgeted for FY2025.

#### **Year End Fund Transfers to Water System Rehabilitation, Maintenance and Upgrade Reserve**

- **\$26,200.00** from the Water Commission's General Operating account (6500302408) to the Water Commission's Water System Rehabilitation, Maintenance and Upgrade Reserve Fund account as budgeted for FY2025.

## Water Operation – making sure everything runs smoothly

Month	Topic	Action
July	Budget	Provide budget to treasurer for reporting
August	Annual Flushing	
	Bank Transfer	Transfer Debt Service Receipts to Debt Service Resv.
September	Billing	Confirm reading dates/billing Any attachment
October	USDA Annual Report (Loan)	See prior annual reports
November		
December	Budget	Prepare new budget to coordinate with Town Budget. SOS increase, specific testing & requirements, updated ERU count for Debt Service and O&M fees.
	Billing	Confirm reading dates/billing Any attachment
	Bank Transfer	Transfer Debt Service Receipts to Debt Service Resv.
January		
February	Bank Transfer	Transfer Debt Service Receipts to Debt Service Resv.
March	Billing	Confirm reading dates/billing Any attachment
April	Consumer Confidence Report	SOS provide CCR to TOW, post to CCR web page
May	Water Fees	Finalize next year water fees for June billing
June	End Financial year	Transfer monies to TOW for services, postage, electricity, Audit, Snow Plowing/Hydrant snow removal. Transfer to Water Capital Reserve
	Billing	Confirm reading dates/billing CCR/flushing attachment
	Bank Transfer	Transfer Debt Service Receipts to Debt Service Resv.
	CCR certification	Complete state certification
	Annual Flushing	Confirm date with SOS

## Water Commission Current Workplan

- Ground Water Protection Overlay District (In process with PC)
- Ordinance review (Due 2024) – Backflows and Meter Replacement Responsibility
- New Connection Reimbursement – Offered to 3 properties to date
- Backup Well – Brian Shupe has background

## Key Water System Communication and Data

### Water System Email

The water system has an email [wateradmin@gmavt.net](mailto:wateradmin@gmavt.net) maintained by the WC Chair.

Key elements of the email are:

- Water Operator cc's the email on all his email correspondence
- Auto Reply Message to direct action if an emergency

*If this is regarding a water connection or a Water System Emergency please contact Simon Operation Services (SOS) who operate the Waitsfield Water System: dial 802-793-5633, if you get voicemail please leave your name, phone number and details of the emergency.*

### Dropbox.com File Storage

There is an extensive set of electronic files stored in the WC Chair's dropbox.com

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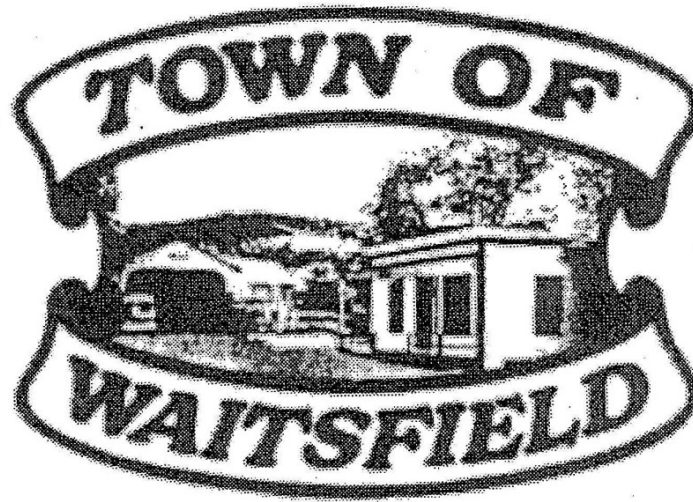
 Accounts & data	 >
 Agenda and Minutes	 >
 Annual Report	 >
 Budget	 >
 Metrics	 >
 O&M Manual	 >
 Ordinance & Reports	 >
 Permits & ERU Analysis	 >
 Vendors Bills	 >

<https://www.waitsfieldvt.gov/boards-meetings/water-commission>

The Town website includes the Water Commission under Boards and Meetings. In addition under "Departments" the menu includes "Water Quality Reports" (Note: the 2024 report will be issued this month). Since the new system went on line the WC Chair has been creating meetings and posting agendas/minute

### Key Assignments Required

- Water System email
- Approval of water system bills
- Coordination with water perator
- Management of water system files



**TOWN OF WAITSFIELD COMMUNITY WATER SYSTEM  
WATER ORDINANCE**

*(as amended by the Waitsfield Selectboard; 11/19/18)*

**Town of Waitsfield Community Water System  
Waitsfield, Vermont**

**WATER ORDINANCE**

Regulating the Use of Waitsfield's Community Water System

**Table of Contents**

- 1) General Provisions
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- 12) Curb Stops
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- 16) Steam Thawing of Frozen Water Service Lines
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- 19) Construction Phase
- 20) Cold Weather Construction
- 21) Denial or Postponement of Service
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- 25) Cross Connection, Protected
- 26) Fluctuation of Pressures by Customers' Apparatus
- 27) Safeguarding Water Using Devices
- 28) Access to Premises
- 29) Responsibility for Water Charges
- 30) Billing Procedures
- 31) Seasonal Shutoffs
- 32) Disconnection of Service
- 33) Tax Sale and Liens on Real Property
- 34) Interrupted or Unsatisfactory service
- 35) Meters and related apparatus
- 36) Water Use Adjustments
- 37) Fire Hydrants

- 38) Fire Suppression Systems
- 39) Tampering with the Community Water System
- 40) Water Main Extension, Plan Approval, Construction
- 41) Materials
- 42) Protection from Damage; Consecutive Systems
- 43) Enforcement and Penalties
- 44) Water rates, Special Charges, and Connection Fees
- 45) Appendices
- 46) Publication and Effective Date

### **Appendices**

- A. Water Rate Schedule
- B. Water Service Application
- C. Customer Inquiry Policy
- D. Disconnection Notice Form
- E. Water Service Area Description
- F. Penalty and Waiver Schedule.

### **Attachment**

- 1. Water Service Area Boundary Map

## **Town of Waitsfield Community Water System Ordinance**

### **1. General Provisions**

All rules and regulations contained herein, together with such additions and amendments as may be hereafter adopted, are hereby designated as the "TOWN OF WAITSFIELD COMMUNITY WATER ORDINANCE," herein alternatively referred to as the "Ordinance." This Ordinance is adopted pursuant to 24 V.S.A. §3315 and 24 V.S.A. , Chapter 59, §1971 et seq., by the Town of Waitsfield Selectboard.

- a. The Waitsfield Town Clerk shall file certified copies of the Ordinance, as well as certified copies of any additions and amendment to this Ordinance as may hereafter be adopted, in the municipal records and provide the same to the Selectboard, Town Health Officer and any designated enforcement officers.
- b. The principal objective of the Community Water System, as defined herein, is to provide a potable water supply and fire protection capacity, permitted by the State of Vermont, under efficiently managed conditions.
- c. If there is conflict between the terms of this Ordinance and any other applicable regulation, by-law, or ordinance, the more strict shall apply.
- d. The Ordinance shall comply with Title VI of the Civil Rights Act of 1964 which prohibits discrimination in a Federally Assisted Program on the basis of Race, Color or National Origin.
- e. As required by 24 V.S.A. Chapter 59, this Ordinance is hereby designated a civil ordinance.

### **2. The Water Commission**

- a. The Selectboard shall appoint five (5) Water Commissioners for staggered terms to the Town of Waitsfield Water Commission. The five Commissioners shall be comprised of at least two persons owning or leasing property that is connected to the community water system.
- b. The provisions of this Ordinance shall be evaluated at intervals not exceeding five (5) years by the Water Commission to assess their continued applicability and appropriateness; to consider any recommendations proposed for their improvement; and to determine what changes, if any, are advisable due to advances in technical methods or processes of potable water treatment, storage, and distribution to the Town.
- c. The Water Commission shall be responsible for making and establishing regulations and policies governing the operation of the Water Department and all needful water rates for control and operation of the water system. It shall carry out the duties specifically required of it under state law and the regulations and policies that it enacts.
- d. The Water Commission shall nominate two (2) Commissioners to the Waitsfield Standing Water Supply Emergency Response Task Force.

- e. The Water Commission, with the approval of the Selectboard, may contract to sell water to such customers outside the Town as it may deem beneficial to the Town, providing that there is, at the time such contract is made, water in excess of that necessary for use within the limits of the Town. The Owner or occupant of extraterritorial Property furnished with Town water shall consent in writing to the lien for water service charges attaching to the served Property and to the applicability of all Town water system ordinances, rules and regulations, which consent shall be recorded in the Land Records of the Town in which the served Property is located. The absence of such consent or failure to record shall not affect the applicability or enforceability of any statutory lien arising pursuant to 24 V.S.A. § 3306.
- f. The Water Commission may prescribe emergency rules governing the supply and use of water as it may deem appropriate to accommodate water supply emergencies. Such rules shall be adopted at any duly held meeting of the Water Commission.
- g. The Water Commission shall adopt rules of procedure, and shall comply with the requirements of Title 1, V.S.A., Chapter 5, pertaining to Vermont's open meeting and public records laws.

### 3. **Definitions and Abbreviations**

Unless the context specifically indicates otherwise, the meaning of the terms and abbreviations used in this Ordinance shall be as follows:

- a. "Allocation" - The decision by the Water Commission to commit a specified amount of water capacity, measured in ERUs, to a specific property.
- b. "Allocation Fee" - A fee for allocation, or additional allocation, of water capacity per property, specified in ERUs, as established by the Water Commission.
- c. "Base Fee" - shall mean the debt service, operations and maintenance cost, and capital reserves multiplied by the ERU allocation over a specified time period that is assessed to the owner of each unit regardless of whether a meter exists for each unit or for several units.
- d. "Business Unit" - shall mean any place where business is carried out or where employees are stationed, including but not limited to an office, store, beauty salon, gas station, restaurant, school, clinic or any other place that is non-residential and is separately operated and distinguished from other businesses in the same building.
- e. "Service Stop Valve" - shall mean the valve installed on the service pipe after it enters a building and before the water meter.
- f. "Cold Weather Construction" - shall mean non-emergency construction work on the water system during the period from November 15 to April 15 of the next succeeding year, especially work on distribution mains or service lines during this period.
- g. "Commercial" - shall mean any building for use other than for residential or agricultural purposes.
- h. "Commissioners" - shall mean the Water Commission of the Town of Waitsfield.
- i. "Community Water System" - shall mean a Public Water System as defined by the Vermont Water Supply Rules.
- J. "CWS" - shall mean the Community Water System.



- k. "Connection Fee" - shall mean the charge per ERU to connect to the water system.
- l. "Corporation Valve" - shall mean the water shut-off valve attached to the saddle at the water main, to which the water main to the right-of-way is attached.
- m. "Cross Connection" - shall mean any direct or indirect pipe connection between the potable water supply and another supply of liquid or gas.
- n. "Curb Stop" - shall mean the valve on the service line, typically at the edge of the Town highway right-of-way at the User's property, which provides water service to the User.
- o. "Customer" - shall mean any individual, group, society, association, firm, company, corporation, government or governmental division, who receives water service from the Community Water System and is an Owner, whether or not that individual is the ultimate user.
- p. "Development" - shall mean any changes to real property that will result in any additional potable water usage and/or amended State Water or Wastewater Permit that increases the actual or potential potable water usage on the property.
- q. "Discontinuance of Water Service" - shall mean deliberate interruption of water service by the Water Commission to the User for any lawful reason, including, without limitation for reason of delinquent payment, prevention of excessive water loss, to protect against contamination of the system, or for tampering with water system.
- r. "Distribution Main" ("Water Main" or "Main") - shall mean the primary supply pipe from which service connections are made, to supply water to the User through service lines.
- s. "Emergency Termination of Water Service" - shall mean execution of an immediate water service shut-off due to:
  - 1. Water leakage between the curb stop and building
  - 11. Discovery of a direct and unprotected cross connection
  - 111. Unauthorized excessive use of water
  - 1v. Violation of special "restrictive use" orders issued by the Water Commission; and/or,
  - v. Any other situation that could contaminate or significantly deplete available water in the system or presents a risk of unreasonable harm, including financial harm, to the users or the public.
- t. "Enterprise" - shall mean any project, commercial or industrial, planned to house or otherwise serve a business enterprise.
- u. "ERU" - shall mean Equivalent Residential Unit. Water customers other than single family residences shall have their ERUs calculated by dividing the permitted wastewater capacity by 245 gallons per day. The minimum ERU per property is one (1) ERU.
- v. "Extension of Water Main" - shall mean any extension of distribution mains in accordance with the rules, regulations, standards and specifications of the Municipality.
- w. "Fire Protection" - the required capacity and pressure within the water system to provide sufficient water to Town fire hydrants and buildings with fire suppression systems.

- x. "Improved" - shall mean any improvement to the property that will result in any additional potable water usage and/or amended State Water or Wastewater Permit that increases the potable water usage on the property
- y. "Industrial Facility" - shall mean any structure(s) used or intended for use as a business enterprise for manufacturing, processing, or assembling any product, commodity or article.
- z. "Institutional Facility" - shall mean any individual self-contained facility deemed by the Water Commission to be important to the general health and well being of the community. Such facilities may include schools, municipal offices, care facilities, medical facilities, libraries, etc.
- aa. "Issuing Officer" - shall mean a person designated by the Water Commission and approved by the Selectboard to issue a municipal civil violation ticket (civil complaint).
- bb. "May" - is permissive, indicating a choice.
- cc. "Main Line" - shall mean the distribution main conduit running from the distribution main to and including the curb stop at the property line of the User or to the edge of the right-of-way.
- dd. "Municipality" - shall mean the Town of Waitsfield.
- ee. "Municipal Office" - shall mean the place designated by the Water Commission to receive applications for service, receive payments of water bills and where public notices and notices of discontinuance of service are generated and posted, i.e. the Waitsfield Town Office.
- ff. "Municipal Representative" - shall mean a duly authorized member of the Selectboard, Water Commission, or their designee.
- gg. "Non-Transient Non-Community (NTNC)" - shall mean a Water System as defined by Vermont Water Supply Rule.
- hh. "Operator" - shall mean the person(s) designated by the Water Commission to operate the water system and certified by the Vermont Water Supply Division.
- ii. "Owner" - shall mean the person, firm, corporation, trusteeship, or governmental agency that has title to the property that is served by the water system and who is ultimately responsible for payment of all rates, fees and charges.
- jj. "Person" - shall mean any natural person, corporation, municipality, partnership, unincorporated corporation other legal entity, including the State of Vermont and any department, agency or political subdivision thereof.
- kk. "Potable Water" - shall mean water suitable for drinking.
- ll. "Property" - shall mean the physical area of land or building on a parcel served by the community water system.
- mm. "Reasonable Hours" - shall mean between 8:00 a.m. and 8:00 p.m.
- nn. "Residential Unit" - shall mean a livable abode, which includes, at a minimum, a kitchen or kitchenette, bathroom, and bedroom or other room that serves as sleeping quarters.
- oo. "Saddle" - shall mean the mechanism for attaching a smaller service line to a larger water line; a circular device bolted or otherwise attached to the water main through which a hole is drilled in the water main to supply water to the service line.
- pp. "Service Lines" - shall mean the conduit connected on one end to the curb stop and the other end terminating just inside the Owner's building, at the service stop valve and including the connection to the water meter, to provide water service.

- qq. "Shall" is mandatory.
- rr. "Subdivision" - shall mean the division of any land, parcel, or area of land into two or more lots or parcels for the purpose of conveyance, transfer, improvement or sale, which may include appurtenant roads, streets, lanes, alleys and ways, dedicated or intended to be dedicated to public use.
- ss. "Tenant" - shall mean a person who occupies property rented from an Owner.
- tt. "Tap" - shall mean any connection of a service line or extended main to the distribution main.
- uu. "Unconnected Properties" - shall mean those properties, which do not receive water service.
- x. "Unit" - shall mean any building or specific portion thereof which is separately identifiable as:
  - i. Residential: Self-contained facility for one family (house, duplex, apartment, condominium).
  - ii. Commercial: Individual, self-contained facility or business such as a store, motel, hotel, service station. For hotels and motels, each room shall equal 1/2 unit.
  - iii. Industrial: Individual self-contained facility for use in manufacturing or industry.
  - iv. All unit designations shall be as determined by the Commissioners.
- ww. "Usage Charge" - shall mean the charge for water usage over the water allocation included in the base fee.
- xx. "User" - shall mean any person who receives water from the Community Water System (CWS) through a pipe connection.
- yy. "Water Administrator" - shall mean the person who has been duly authorized to send out water bills, issues notices for disconnection of water, and otherwise assist the Water Commissioners in the operation of the water system.
- zz. "Water Commission" - shall mean the commissioners appointed by the Town of Waitsfield Selectboard.
- aaa. "Water Allocation and Connection permit" - shall mean the permit issued by the Town of Waitsfield for the water allocation and approval to connect to the Water System that shall run with the property.
- bbb. "Water Shut-Off Notice" - shall mean notice of discontinuance of service.
- ccc. "Water Service Area" - shall mean the area defined in Attachment #1.
- ddd. "Water System-Municipal" - shall mean the potable water system owned and operated by the municipality through its Water Commission. This system includes all sources, pipes, storage and treatment facilities that convey potable water between the source and the curb stop.
- eee. "Water System-Private" - shall mean any water system located on the customer's premises or property not supplied or owned by the municipality and not part of the community water system. The system may be potable or non-potable.
- fff. "ANSI" - shall mean American National Standards Institute.
- ggg. "ABPA" - shall mean the American Backflow Prevention Association.
- hhh. "ASME" - shall mean American Society of Mechanical Engineers.
- iii. "ASTM" - shall mean American Society of Testing and Materials.
- JJJ. "SSE" - shall mean American Society of Sanitary Engineering.
- kkk. "AWWA" - shall mean American Water Works Association.

- lll. "GMWEA" - shall mean the Green Mountain Water Environment Association, Inc.
- mmm. "GPD" - shall mean Gallons Per Day.
- nnn. "GPQ" - shall mean Gallons per Quarter
- ooo. "NPC" - shall mean National Plumbing Code.
- ppp. "VRWA" - shall mean the Vermont Rural Water Association.
- qqq. "NEWWA" - shall mean New England Water Works Association, a section of AWWA.
- m. "NFPA" - shall mean National Fire Protection Association.
- sss. "UL" - shall mean Underwriters Laboratory.

#### **4. Connection to Community Water System**

- a. The Water Service Area boundaries of the Waitsfield Community Water System are shown on the map identified as Attachment #1. A larger and clearer copy of this map may be seen at the Waitsfield Town Office.
- b. Within the Water Service Area boundaries, any new or improved structure, the useful occupancy of which would increase the actual or potential potable water usage beyond the capacity of any existing well or spring on the property must be connected to the Community Water System. No new drilled wells, dug wells or springs shall be permitted as a potable water supply within Water Service Area boundaries. A replacement well is permitted providing:
  - a. The existing well has failed; and
  - b. No encroachment of replacement well head protection zone onto an adjoining property will occur.
- c. In the Water Service Area of the Community Water System service area, any wells or springs currently being used as sources of potable water may continue to be so used, but further development or replacement of these wells or springs as water sources shall be prohibited.
- d. Any owner that wishes to connect to the Community Water System may apply, by way of an accurate, complete and proper application, to be connected in accordance with the terms, regulations, and procedures set forth elsewhere in this Ordinance.
- e. Any owner of property located within the Water Service Area whose dwelling or other occupied building requiring plumbing is 500 feet or more from an existing water main may request a variance from Water Commissioners to install a drilled well if the new well shield does not impact a neighboring property. The Commission shall not unreasonably withhold approval of such variance. The Commissioners shall notify the Vermont Department of Environmental Conservation (DEC Water Supply Division) of any such request prior to making any decision. The Commissioners shall provide written notice of the variance application to all abutting property owners, including those separated by a right-of-way, highway, watercourse, and so on, as shown on the Grand List, no less than 14 days prior to the Water Commission meeting at which the application will be considered. The owner will have to apply to the Water-Wastewater Division Regional

Office for a water well permit. The Commissioners may attach reasonable conditions to the grant of a variance under this section.

- f. Connected properties may continue to use existing wells and springs only for non potable use and only if an inspection by Water Commission personnel for unpermitted cross-connections has occurred and a licensed plumber has certified that such cross connections do not exist.
- g. Properties connected to the water system are not permitted to reconnect to an existing or new well.
- h. The fees set out in Appendix A shall be based on the Permitted Wastewater Capacity of the property converted to ERUs. In the event the property does not have a Wastewater Permit the Water Commission shall calculate the allocation based on the VT DEC EPR rules for Wastewater Permits.
- i. Water System connections, the permitted use of existing wells and springs, and the granting of variances under Section 4(e) shall be allowed only if consistent with the terms of the September 12, 2005 Waitsfield Local Board of Health order which identifies an "emergent condition" within a part of the Water Service Area.

## 5. **Water Allocation**

Allocation Policy: Prior to the start of a new fiscal year the Water Commission shall determine the uncommitted reserve capacity and any designated allocation pools for the following categories:

- 1. Municipal, educational, institutional, or special projects
- 11. Projects within the existing village core defined to include the following districts based on the zoning district boundaries:
  - a. Village District (includes Village Business District and Village Residential districts)
  - b. Irasville Village District
- 111. Outside the water service area

In each category, the Water Commission may choose to divide the pool into subsets for residential and enterprise uses.

Unallocated, permitted capacity shall be allocated according to the following:

Preliminary Allocation (subject to an application fee)

- 1. If 1,000 GPD or less, granted by the Water Commission's designated authority when an application is submitted.
- 11. If greater than 1,000 GPD, granted after an application is reviewed and approved by the Water Commission.

Final Allocation (subject to an allocation fee).

Final water allocation shall not be granted without a corresponding State Wastewater Permit.

Base Fee is due prior to receiving a certificate of occupancy or Department of Health Lodging, Restaurant, Bar or Processing permit.

If there is not adequate capacity in the designated allocation pool to fulfill the requirements of a project, the Water Commission's designee or the Water Commission shall deny the application.

All allocations to projects shall be based on the calculated ERU as determined by the most current Vermont State wastewater regulations.

For properties connected to the Community Water System prior to 1st October 2018 the allocated ERU for each property shall be the total ERU's used in the prior quarter billing.

## **6. Project Allocations**

During the ensuing fiscal year, the Water Commission may grant allocations for individual projects within the Water Service Area (see exceptions below). No allocations shall be granted beyond the capacity assignments made to the allocation categories as defined above. The Water Commission shall act on all applications on a first come, first served basis, or as directed by the Town Zoning and Subdivision Ordinances, as soon as practical, but no later than sixty (60) days after it receives an application. The Water Commission may attach conditions related to water infrastructure (e.g., line improvements, pump station improvements, future tie-in provisions, etc.) to allocation approvals in order to achieve the goals and policies of the Town Plan.

## **7. Allocation Details**

The Water Commission may grant an allocation to a single residence, enterprise, multi-unit building, to a proposed change of use, or to an entire subdivision. In the case of a proposed change of use or subdivision the required allocation shall be a total of all proposed uses. In all cases if an allocation is granted, the Water Commission shall make allocations to individual buildings or to individual units in multiple unit buildings and not as a lump sum to be used at the owner or developer's discretion.

The allocation shall be considered as "used" by the building either when the water meter serving the building or individual unit is installed. Until the meter is installed, the allocation is subject to Holding Fees. After installation of the meter or after receiving a certificate of occupancy, or a permit from the Department of Health for a Lodging, Restaurant or Bar, water usage is subject to the water system's water use fees in accordance with the rate table in Appendix A of this ordinance.

If an allocation is not used within three (3) years of the date the allocation is granted by the Water Commission, it shall expire and revert to the Water System's Uncommitted Reserve Capacity. There shall be no refund of any allocation or holding fees paid on the reverted allocation. The Water Commission may grant extensions if it finds that the holder of the allocation has been working diligently to implement the project and no relevant local or State approvals have expired. The Water Commission shall not be obligated to approve an

extension.

#### **8. Exceptions for Allocations Outside of the Service Area**

The Water Commission may grant allocations for an expansion of an existing use or a new use outside of the service area within the Town of Waitsfield.

The Water Commission, with the approval of the Selectboard, may grant allocations for an expansion of an existing use or a new use outside of the service area outside of the Town of Waitsfield.

#### **9. Application for Service**

Persons wishing to use the water system, or increase their property allocation shall apply to the Water Commission using the Water Allocation and Connection application (See Appendix B). The application shall include:

1. A calculation of the GPD as determined by the most current Vermont Department of Waste Water Supply rules to be generated by the project.
2. All calculations required above for developments requiring more than 1,000 GPD shall be certified by an engineer registered with the State of Vermont.
3. Plans and specifications for the construction of building plumbing fixtures (from the buildings to municipal lines) and any municipal extensions, including pump stations, required to service the development shall be prepared by a Vermont registered engineer. These plans shall also address any necessary improvements to existing public or private infrastructure. Improvement plans for existing infrastructure need not address the entire municipal water system, and may focus on necessary improvements that are proportional in nature to the proposed development. This requirement to submit plans and specifications may be waived by the Water Commission.

Completed water applications shall be returned to the office of the Town Administrator and marked with the time and date received in the Town Offices.

#### **10. Shut-Off and Restoration of Service**

Fees regarding non-payment of water rates shall be assessed in accordance with 24 V.S.A. Chapter 89 and Chapter 129. Except as provided in 24 VSA § 5143, the Water Commission may shut off water service for violation of special "restriction of water use" notices, or for continued violation of these regulations. After correction of the cause for water shut-off by the customer and on request by the customer for restoration of service, a turn-on/reconnection fee, plus any other applicable unpaid fees shall be due and payable before service will be restored.

#### **11. Connection Fees**

- a. A connection fee shall be due and payable to the treasurer of the municipality before a new service connection is constructed and only after the Water Commission has approved the connection. Water service shall not be provided until the Water Commission has installed a meter in the building to be served. Whenever feasible, a meter shall be installed in accordance with applicable requirements within fifteen (15) working days of the Water Commission's receipt of a request for a meter installation provided all applicable fees have been paid to the municipality and the service line installation work is deemed satisfactory

by an appropriate representative of the Water Commission. The amount of the fees shall be established by the Water Commission, which is authorized to establish or amend water connection fees from time to time by majority vote of the Commission members.

- b. The cost of any extension of the water lines to provide for new users shall be borne by the persons to be served by the expansion. Any payment for linear extensions shall not be construed as payments toward allocation or holding fees.
- c. The Waitsfield Community Water System shall provide the meter and the remote meter reader at the owner's cost.
- d. The owner shall provide:
  - 1. Excavation of the distribution main and tap. All work done on or around the water line must be done by qualified personnel approved by the Operator and meeting all AWWA standards.
  - 11. Saddle, corporation, piping to curb stop and curb stop. (see Section 12, Curb Stops)
  - 111. Excavation of the water line into the building.
  - 1v. Labor and materials to install water line from water main into the building.
  - v. Labor and materials for all backfill including sand or stone fill around piping as required. Inspection and approval of water line by Operator required prior to backfill.
  - vi. 2 shut-off valves for meter isolation.
  - vu. A back-flow prevention device.
  - vi11. A pressure reducing valve.

## **12. Curb Stops**

Curb stops shall be installed at the property line of the right-of-way in which the main water distribution line lies and shall be under the municipality's control and ownership. There shall not be a waste port for draining water from the service line unless the Water Commission is satisfied that the top of the highest water table is at least 12 inches below the bottom of the valve.

## **13. Disconnection**

- a. An owner of any water allocation who has requested and been granted removal from the water system shall continue to be charged Base Fee for as long as they maintain that reserved allocation. Any outstanding debt (bond) fee will continue to be charged until the debt (bond) is retired.
- b. If the reserve on this allocation is surrendered it shall revert back to the Community Water System at no cost to the Community Water System. In surrendering the water allocation, the customer will continue to be responsible for the debt service component of the Base Fee. Requests to surrender an allocation shall be done in writing and approved by the Water Commission.
- c. Water allocations and allocation reserves are deemed appurtenances to specific property and may not be assigned or transferred independently of a transfer of such property. Allocation between Owners is prohibited.

## **14. Ownership and Maintenance of Service Lines**



- a. The line from the water distribution main to the curb stop shall be owned, operated and maintained by the Waitsfield Community Water System.
- b. The service lines shall be paid for, installed, operated and maintained by the owner. The cost of repairing or replacing the service line (from the curb stop to the building) shall be the responsibility of the owner.
- c. Service lines paid for and installed by the Community Water System in the water service area as part of the initial system development will be owned, operated and maintained by the Community Water System. The cost of repairing or replacing these service lines shall be the responsibility of the Community Water System.
- d. Existing water main(s) and service lines in former Public Community Water Systems and Non-Transient Non-Community properties shall be operated and maintained by the Owner. The cost of repairing or replacing the water main or service line shall be the responsibility of the Owner.
- e. The minimum service line diameter for a single family residence shall be  $\frac{3}{4}$  inch; all service lines installed, and all fittings, shall conform to AWWA Standards, ANR Water Supply Division rules and technical standards, Vermont Statutes and the Water Commission's standards. The Water Commission may require a larger than  $\frac{3}{4}$  inch internal diameter service line when the demand flow rate will exceed 15 GPM (gallons per minute). In a new development, the Water Commission may permit the developer to install the water main if done in accordance with acceptable standards and under the supervision of the Operator.

#### **15. Service Line Leaks**

- a. In the event a leak is discovered in a service line, water service shall be shut off by a municipal representative and restored after the repair is made. The owner of the service line is responsible for the cost of locating, repairing and/or replacing the service line, unless it is owned by the Town. Also, if a service line is discovered or known by the Water Commission to be constructed of materials not meeting the Community Water System's materials standards, the Water Commission may require the owner to replace the entire line with approved pipe materials regardless of whether or not the line has leaked in the past.
- b. In the event a leak is discovered in a service line where there are multiple meters, upon notice from a municipal representative the owner of the service line after the master meter shall be responsible within fourteen (14) days for the cost of locating, repairing and/or replacing the service line, unless it is owned by the Town. A fee of \$20 per 1,000 gallons will be charged on all water leaked after the initial fourteen (14) day period.

#### **16. Steam Thawing of Frozen Water Service Lines**

- a. When a service line freezes, it may not be possible to determine where the freezing has occurred until the shut-off has been tested and the pipe has been thawed.
- b. Electrical thawing is prohibited.
- c. If it is determined the service line was frozen only on the Customer's side of the shut-off, the Customer is responsible for thawing the pipe. Additionally, it shall be the Customer's

responsibility to excavate the pipe as soon as possible and/or to take such steps as will prevent the freezing from recurring.

- d. If it is determined the service line was frozen only on the water system's side of the shut-off, the water system shall be responsible for the cost of steam thawing the service line.
- e. If it is determined the service line was frozen on both sides of the shut-off the Customer shall be responsible for one-half of the cost of steam thawing the service line. The Customer will be responsible for one-half the cost of labor and equipment provided by the water system.
- f. The Water Commission recommends that, when service pipes have frozen, the Customer run water continuously through the pipes until the conditions which caused the freezing have changed, in order to prevent the re-freezing of pipes. Under this circumstance, the Water Commission shall issue a written permit to the Customer allowing this to be done.
- g. Where the freezing is determined to have been on the Customer's side of the shut-off, the Customer will be liable for the water charge for the water run for this purpose.
- h. Where the freezing is determined to have been on the water system's side, the Customer will receive credit for the additional water charge for the water run for this purpose.
- i. Where the freezing is determined to have occurred on both sides of the shut-off the Customer will be responsible for half of the additional water charge applicable when water is run for this purpose.
- J. Where necessary, the Water Commission will determine the additional amount of water run to prevent re-freezing.

#### **17. Service Line Trench**

In the event a leak is discovered in a service line, water service shall be shut off by a representative of the Water Commission and restored after the repair is made. The owner is responsible for the cost of the repair or replacement of the service line, unless it is owned by the Community Water System. Also, if a service line is discovered or known by the Water Commission to be constructed of materials not meeting the Community Water System's materials standards, the Water Commission may require the owner to replace the entire line with approved pipe materials regardless of whether or not the line has leaked in the past.

#### **18. Stop Valve**

Every water service line shall require a service stop valve (rated at 250 pounds per square inch pressure) located inside the building near the service entrance, easily accessible, protected from freezing, and installed on the inlet side of the water meter as close to the foundation wall as practical. The installation, maintenance, operation, repairs and replacement of this valve is the responsibility of the owner. There shall not be any connections in an incoming service line that are not metered.

#### **19. Construction Phase**

a. Construction Phase

After all permits and approvals for construction are obtained, construction may begin.

b. Pre-Construction Meeting

It shall be the responsibility of the Owner to schedule a pre-construction meeting between the Owner or Owner's agent, the contractor(s) and the Commission's authorized agent at least fifteen (15) days prior to beginning an excavation relating to installation of any water lines or appurtenances(s). The Contract Agreement between the Town and the contractor, if applicable, shall be executed prior to the pre-construction meeting.

1. The purpose of this meeting, which shall be held at the site of the planned project with the approved Final Allocation and Connection Permit on hand, is to review with the contractor(s) the Commission's requirements and to familiarize the contractor(s) with the site conditions, which may, in the opinion of the Commission's agent, warrant review.
2. If there is a change in contractor(s) after the date of the pre-construction meeting, the Owner shall schedule another pre-construction meeting before commencing/ continuing with construction.
3. During the pre-construction meeting, the Commission's authorized agent shall keep a record of all the items discussed and/or required by the Town.
4. The Commission's authorized agent shall have authority to halt work at the site if he/she determines that the work is not being performed in a manner consistent with the standards of the Community Water System or in accordance with the standards or written specifications to which the Owner has agreed. The Town shall not be liable for work stoppages occasioned by such actions.
5. By commencing construction, Owner waives any claim that he or she may have against the Town for liability, loss or damage that may directly or indirectly result from the performance of the permitted activity.
6. By commencing construction, Owner agrees to pay all costs and expenses related to the permitted work including, but not limited to, street damage, damage to underground and aboveground utility lines, which may result from the performance of the permitted activity.
7. Winter Shut-Down: The validity of the Water Connection Permit approval shall be superseded from October 1<sup>st</sup> until May 1<sup>st</sup> each year unless an exemption is granted by the Water Commission.
8. The applicant shall be responsible for scheduling the installation of water system appurtenances with the Town agent at least fifteen (15) days before beginning the permitted activities.

c. Construction

The Customer shall pay the entire cost of design and construction of water lines, appurtenances and extensions of the water system, regardless of whether such construction or extension is ultimately accepted by the Town after installation.

1. Construction of water lines and appurtenances shall be performed according to the applicable Town permits and all subsequent written changes or additions thereto which the Town and the permittee have agreed. At a minimum, all construction piping shall be built to the specifications of the Town including a minimum of a ¾" inside diameter service line made of copper, and if applicable, the Vermont Department of Environmental Conservation, U.S. Environmental Protection Agency, and any other State or Federal agencies having jurisdiction of same.
2. Construction of water lines and appurtenances must be inspected and approved by the Town before being covered.
3. The Customer shall not connect any plumbing that is connected to the Town water service to a well, spring or other source of water. Connections to the Town water system shall be entirely separate from any other water service.
4. Ground wire attachments causing electrolytes shall not be connected in such a manner as to cause damage to the Town's water system.
5. Upon completion and approval of the installation and payment of all applicable charges by the applicant to the Town, and upon the legal transfer of rights-of-way where required, the installation shall be maintained by the Town as far as the curb stop at the Customer's property line or as otherwise agreed by the Town.
6. The Customer shall be responsible for maintaining in good repair all plumbing on the Customer's side of the curb stop, or other point agreed upon by the Town and the Customer. This shall include the maintenance and cost of maintenance for repairing breaks and/or leaks in, or replacement of, the service line on the Customer's side of the curb stop, for repairing or replacing faulty household plumbing, and for repairing or replacing fixtures which, when not functioning properly, discourage, or tend to discourage the inspection, removal or replacement of the water meter by authorized persons.
7. The Customer shall be responsible for all costs of such maintenance whether the maintenance is undertaken at the Customer's discretion or upon the order of an authorized representative of the Community Water System.

## **20. Cold Weather Construction**

New service or extension of mains shall not be constructed during the period November 15 to April 15 without prior cold weather construction approval of the Water Commission or the Water Operator. The owner may be assessed an additional charge as part of the connection fee to cover the additional expense incurred as a result of cold weather construction.

## **21. Denial or Postponement of Service**

The Water Commission may deny or postpone service due to: cold weather, insufficient water, insufficient pressure, absence of a deposit for service line construction, absence of connection fee, to prevent contamination through a cross connection, or when the Water Commission determines that the service line leaks or does not meet the material standards of the Community Water System.

**22. Unauthorized Use of Water**

- a. A customer shall not supply water to another party except as the Water Commission may permit such extended use in an emergency. A person shall not obtain water from any hydrant or other fixture of the Community Water System without the written approval of the Water Commission. Any violation of water use shall be grounds for discontinuance of water service until the matter is resolved to the satisfaction of the Water Commission and any and all required fees are paid to the treasurer.
- b. If at any point a discrepancy is discovered in the assigned ERU and the permitted ERU allocation, or the property use is in contradiction to the permit, the Water Commission shall cause the ERU calculation to be updated based upon the permitted wastewater capacity of the parcel. If no wastewater permit exists, or the use contradicts the most recent permit, capacity will be calculated and may result in a larger ERU. The Water Commission shall calculate the corrected allocation based on the VT DEC EPR rules for Wastewater Permits

**23. Restriction or Prohibition of Certain Water Uses**

When necessary to conserve the water supply, the Water Commission may restrict or prohibit the use of hoses, sprinklers and any other non-essential water use or water-using device for all customers. Such notice shall be posted in at least three (3) places in the municipality where the public generally congregates or visits and at least once in a newspaper of general circulation for the area. Violation of a municipal notice, directive or order to conserve water by a customer after one written reminder by a Water Commission representative shall be grounds for immediate discontinuance of service. A hearing, if requested by the affected customer, shall then be held within five (5) days by the Water Commission to determine if the water will continue to be shut off or water service will be restored. If the Water Commission determines the shut-off was due to a violation of municipal notice to conserve, all applicable shut-off and reconnection fees shall apply. If it is determined that no violation occurred, then no shut-off or reconnection fees will apply and reconnection shall take place as soon as possible but not later than the following day.

**24. Maintenance of Plumbing**

To prevent leaks and damage, all customers shall maintain, at their own expense, the plumbing and fixtures within their own premises in good repair and provide protection from freezing. The cost of replacement or repair of a meter, backflow preventer, and/or pressure reducing valve damaged by freezing, or otherwise damaged by customers, occupants or others shall be paid by the owner on receipt of a bill submitted by the Water Commission. Water conserving devices meeting all applicable State and Federal standards shall be used whenever fixtures and faucets are replaced.

**25. Cross Connections, Protected**

A connection capable of permitting backflow from any other source of water to the public water system is prohibited. Such connections include, but are not limited to, any plumbing fixture, device or appliance or from any waste outlet or pipe having direct connection to waste drains or an existing onsite potable water source. If the owner of the building involving such a connection fails or refuses to eliminate or properly protect the cross connection within a time period established by the Water Commission, water service shall be discontinued with all disconnection and reconnection fees applicable once the situation is remedied. Should a customer require a cross connection, such a cross connection shall not be created without the approval of the Water Commission and, if permitted, it shall be protected against backflow and/or back-siphonage in accordance with accepted cross-connection control methods established by the Vermont Department of Health. All new connections shall include an appropriate backflow prevention device installed between the meter and interior household plumbing. A dual check valve manufactured as per A.S.M.E. specification Number 1024 shall be installed at all domestic and small commercial services (under 15 GPM flow). Other backflow devices shall be installed at industrial, commercial or other services greater than 15 GPM flow as required by the Water Commission and as recommended by the Vermont Department of Health.

**26. Fluctuation of Pressures by Customers' Apparatus**

Customers shall not install water pumps or high-rate water consumption devices that will adversely affect the water system's pressure or operating conditions or use water so as to unduly interfere with the service of another customer. Where a customer has or proposes to install apparatus that requires water in sudden and/or large quantities that will reduce the operating pressure in the main or service line substantially, or cause damage or inconvenience to other customers or damage to the water system, the Water Commission shall require the customer to install devices that will confine such fluctuation of demand and pressure to within reasonable limits determined by the Water Commission. If the customer, after receiving written notice from the Water Commission, fails to offer an acceptable remedial plan within a time limit set by the Water Commission, a hearing shall be held within five (5) days by the Water Commission to determine whether or not service will continue. If waiting five days for a hearing to be scheduled will, in the opinion of the Water Commission, pose a public health threat to other customers, then water service shall immediately be discontinued until it is established at a hearing what action, if any, will be taken. Such action may include discontinuance of service or restoration of service on receipt of disconnection and reconnection fees. Restoration of service shall also include assurance of the installation of proper backflow or other devices to maintain pressure changes within an acceptable range.

**27. Safeguarding Water-Using Devices**

- a. All customers having hot water tanks or secondary systems supplied by automatic make-up valves shall install and maintain in operating condition appropriate backflow and temperature/ pressure relief valves to prevent damage to the water device or secondary system or their appurtenances should it become necessary for the Water Commission to shut off the water main or water service line and to protect against loss of pressure for any other reason. Water service supplied to any customer not providing such protective devices will be done at the customer's risk.

- b. A backflow device meeting Standard A.S.S.E. 1012 is required if a dual check valve meeting Standard A.S.S.E. 1024 does not exist on the boiler. The Town shall not assume liability, and specifically disclaims any liability whatsoever, for damage resulting from backflow/pressure where the protective devices required by this section are absent or fail.

**28. Access to Premises**

Water system employees, contractual agents of the Community Water System, members of the Water Commission, with suitable credentials and identification, and upon reasonable notice to the building owner(s) and resident(s), shall have access to all premises served water during reasonable business hours during any day of the week, except on State or federal holidays and on Sundays (unless an emergency requiring access is reasonably believed by the Water Commission to exist on those days) for the purpose of inspecting plumbing and fixtures, identification of cross connections, to set, remove, or read meters, to ascertain the amount of water used and the manner of use, for measurement, sampling or testing purposes, and to enforce these regulations. Reasonable notice, except in the case of an emergency, shall be no less than 24-hours. Reasonable business hours, except in the case of an emergency, shall be between 7:00 a.m. and 7:00 p.m. If a customer or building occupant prohibits access to the premises, the customer or occupant must arrange for alternative access to occur within 24 hours, otherwise the Water Commission may direct that water service be disconnected on 48-hours written notice, with reconnection subject to all applicable fees. Reconnection shall not be made until an authorized municipal representative has been permitted to inspect the premises and finds no valid reason to continue the disconnection of service.

**29. Responsibility for Water Charges**

The owner served by the water system is responsible for payment of all charges for water service rendered to the property. The owner is obligated to pay at least the minimum base fee regardless of whether the residence or business is occupied. Any additional fees established on meter readings above the allocated quantity of water shall also be charged to the owner and are due and payable on presentation of a bill.

Where an owner of property served by the water system requests that tenants occupying the property be billed directly, the owner of the property shall remain responsible for the payment of all bills, including debt service, operation and maintenance, and any overage of water use as measured at the master meter.

If property is to be sold or transferred, the Operator must receive a written request for a final meter reading for prorated bills at least two (2) weeks in advance of the sale or transfer. The water rates, charges and fees shall be established by the Commission, which is authorized to establish or amend said rates, charges and fees from time to time by resolution.

**30. Billing Procedures**

Bills will be issued quarterly to the owner based on the calendar year; the amount will be in accordance with rates shown in the separate document titled "Water Rates, Special Charges and Connection Fees" (see Appendix A). Said bills are due immediately and will be considered in arrears if unpaid within thirty (30) days of the date appearing on the invoice. Interest will be charged to all bills in arrears at the rate of 18% per annum or the maximum

rate allowed under state law, whichever is less. Bills in arrears shall be due and payable in accordance with procedures set forth in 24 V.S.A. Chapter 89 and Chapter 129.

**31. Seasonal Shut-offs**

Any owner requiring a seasonal shutoff will notify the Operator in writing ten (10) days in advance of shut-off. The fee for seasonal shut-off is stated in Appendix A.

**32. Disconnection of Service**

Bills for water service are due and payable to the treasurer when received as indicated on the statement and shall be considered delinquent when unpaid thirty (30) days following the due date. Water service may be discontinued: 1) by reason of nonpayment of water bills; 2) to eliminate a health hazard; 3) for violation of any special order restricting water use; 4) or for fraudulent use of water.

If the customer requests a hearing, one shall be held by the Water Commission within five (5) business days of the request to determine if water service will continue to be denied or, if to be restored, under what conditions. Service, once discontinued, shall not be restored until the reason for discontinuance of service has been eliminated. Before service is discontinued for delinquency of payment, the Water Commission shall follow the procedure set forth in 24 V.S.A., Chapter 129. Notice for payment request and shut-off will be mailed at least fourteen (14) days in advance of the shut-off date. Shut-off on account of delinquency of payment will not be made on a day immediately preceding a Saturday, a Sunday, or a state or federal holiday. When the Water Commission dispatches an agent to effect a shut-off caused by delinquency of payment and, upon arrival, payment is made to the agent for all charges due including the collection fee as permitted under 24 V.S.A., Chapter 89 and Chapter 129, service will be permitted to continue. If a violation of rules or emergency incident results in a shut-off, a reconnection charge as indicated on the attached rate schedule will be assessed for resumption of service in addition to the disconnection charge if the problem is determined to be the responsibility of the customer except as provided in 24 V.S.A. § 5146.

**33. Tax Sales and Liens on Real Property**

- a. Upon delinquency of payment of a valid bill for service provided to the Owner of the real estate or other charge for water service properly charged to the Owner of the real estate, the Water Commission may file notice of a lien or notice of a tax sale upon the real estate with respect to which the water service was rendered, as provided in 25 V.S.A., Chapter 89, Section 3306. Such notices shall be in the standard form furnished by the Town and recorded with the clerk of the Town. A copy of the notice shall be mailed to the Owner and all lien holders or mortgagees of the property. Before filing the lien or referring the property for tax sale, the Water Commission shall give the Owner of said property an opportunity to be heard.
- b. If the Owner fails to enter into any agreement for payment of a delinquent bill, or if the Owner fails to abide by the terms of said agreement, the Water Commission has the authority to place the real estate up for tax sale, in accordance with 32 V.S.A., Chapter 133, Section 5252, regardless of the total dollar amount of the delinquency and the period of time for which the Owner has been delinquent, as the Water Commission deems necessary.



- c. The Town also has the authority to foreclose on liens in the same manner as provided by law for the foreclosure of mortgages on real estate, when such lien has been in effect for more than two (2) years, 24 V.S.A., Chapter 89, Section 3306 and 32 V.S.A., Chapter 133, Section 5061. While foreclosure of a lien is generally only undertaken when the value of the real estate is worth less than the dollar amount of the lien, the Water Commission may use their discretion to determine what is in the best interest of the Town. Upon full payment of all delinquent bills and other charges, the Water Commission or Water Administrator shall notify the clerk of the Town in which the lien was filed that the lien has been discharged.

### **34. Interrupted or Unsatisfactory Service**

If, by reason of shortage of supply or for the purpose of making repairs, extensions, connections, placing or replacing meters, or for any reason beyond the control of the Water Commission, it becomes necessary to shut water off in a main or service line, the municipality will not be responsible for any damages caused by such shut-off, and no adjustment of rates will be allowed unless the interruption is in effect for a continuous period in excess of ten (10) days, in which case a prorated adjustment of the minimum base fee will be made on the next billing. Notice of water shut-off will be issued when feasible, but nothing in this rule shall be construed as requiring the giving of such notice. The Water Commission will not be responsible for meeting unusually high water quality standards for specialized industrial processes for its customers nor will it be held responsible for interrupted service or poor water quality caused by legitimate use of the fire hydrants.

### **35. Meters and Related Apparatus**

- a. General: Where possible, all water will be sold on the basis of base and metered measurements. When it is impractical to install a meter (including a meter/pit vault) such as where a freeze free area is not available and on approval of the Water Commission, flat rate fees shall be used to establish water charges. The Water Commission shall install meters whenever deemed expedient or appropriate. The customer can receive water through a meter upon written application to the Water Administrator of the municipality and after payment of all required fees. The size of the meter will, in all cases, be determined by the Water Commission and these rules.
- b. Meter Setting: Unless otherwise required by the Water Commission, all meters shall be installed at the foundation wall (or the mechanical room in the case of a slab on grade building, condominium unit or mobile home) where the building service line enters the building, and the customer shall provide and maintain a warm and accessible place for it. The piping arrangement for meter installations shall be in accordance with the requirements of the Water Commission. A Community Water System representative must inspect and approve the water meter installation before water is permitted to flow through it.
- c. Repairs and Replacements: For standard house meters (5/8" x 3/4"), maintenance, repairs and replacements necessitated by ordinary wear will be provided by the Water Commission. The cost of meter repairs and/or replacement necessitated by freezing, hot water, or other causes under the control of the customer will be charged to the owner. The

costs of maintenance, repairs and replacements of meters larger than the standard house meters (5/8" x 3/4") shall be the responsibility of the owner.

- d. **Testing:** The Water Commission shall arrange for suitable means of testing its meters. All tests will be at the sole expense of the customer unless initiated by the Water Commission. The customer requesting a meter test shall make a deposit in an amount established under "Water Rates, Special Charges and Connection Fees" to cover the cost of removal, testing and re-installation. If a meter tested at the request of a customer shows the meter does not conform to flow criteria established by AWWA standards, the deposit made by the customer shall be refunded and a new meter installed at no cost to the customer. If the meter conforms to the standards of these rules, the Water Commission will retain the customer's deposit and the meter may be continued in use at the same location. The Water Commission reserves the right to remove and test any and all meters.
- e. **Multiple Meters:** Water shall not be double metered. Each newly constructed separate apartment and each residential unit of a townhouse, condominium or duplex building shall be individually metered. Existing apartments may remain with one meter per building, but an appropriately sized meter must be installed if not already in place

### **36. Water Use Adjustments**

- a. **Meter Malfunction or Removal:** If a meter is removed from service at the request of the customer, the customer will continue to pay the base rate plus the O&M fee and the Water Commission will make an estimate of the water consumption in excess of the base rate during the period of removal, said estimate to be based on the average consumption for similar periods for the customer, and the water charges will be computed accordingly. If the Water Commission initiates the meter removal, water consumption for the period of meter removal shall not be estimated or charged to the customer
- b. **Adjustment:** When a meter is tested and found to be reading in excess of 2% greater than water consumption, an appropriate percentage adjustment shall be made to the metered consumption record of the past billing period and the portion to date of the current billing period.

### **37. Fire Hydrants**

- c. Fire hydrants, whether on public or private property, may not be used for any other purpose than the extinguishment of fires, normal flushing operations done by the Water Commission or such purposes agreed to in writing by the Water Commission. In no case shall fire hydrants be opened by any person other than an agent of the municipality or a duly-authorized representative of the Fire Department. Hydrants shall not be used for irrigation, filling of swimming pools, dust control, water games or any other non-legitimate use. A violation of this provision may be prosecuted as a criminal violation pursuant to 13 V.S.A. §3729 or other applicable provision of Title 13, V.S.A.

### **38. Fire Suppression Systems**

- a. Approved backflow prevention devices shall be located so as to provide containment protection, and may be supplemented with the installation of in-plant protection backflow protection devices. Only backflow devices approved by the Town shall be used.

- b. All approved devices shall allow for accurate testing so as to allow verification of their performance.
- c. In general, protection shall be provided by an air gap or a Town approved RPZ, or DCV with the manufacturer approved inlet and outlet control valves and four test cocks as a complete unit, installed in a horizontal alignment, unless otherwise approved by the Department.
- d. The Town reserves the right to prohibit the use of any cross connection protection devices if the Town determines that such device is found, after subsequent review, to be defective or to have performed inadequately in the field.
- e. No person shall remove or contract with another person for the removal of any required backflow protection device without obtaining the approval of the Town for the removal of said device first.
- f. It shall be the duty of the customer at any premise where reduced pressure backflow prevention assemblies are installed to have a field test performed by a certified backflow prevention assembly tester upon installation and at least once per year, on or around their annual sprinkler system inspection.
- g. Certification must be presented to the Water Operator within thirty (30) days of the anniversary date of the installation.

**39. Tampering with the Community Water Supply System**

Tampering with Community Water System property is not permitted. Any valve, pump, pump house, hydrant, curb stop, water main, municipal service line, meter, below ground meter pit, tank reservoir or any other appurtenant part of the water system, which is deemed the property of the Water Commission, shall not be adjusted, operated or tampered with by any person except those authorized by the Water Commission. If a customer or owner is known to have tampered with any Community Water System property or its works, such action shall be grounds for discontinuance of water service, and any cost due to such tampering will be charged to said customer or person. A violation of this section shall be referred for prosecution by the appropriate state or federal authorities.

**40. Water Main Extension, Plan Approval, Construction**

Any person desirous of constructing an extension to the water system shall apply to the Water Commission. Upon preliminary approval of the application by the Water Commission, the applicant shall have final plans and specifications developed by a professional engineer having demonstrated proficiency in water system design and who is registered to practice civil or sanitary engineering in Vermont. Said plans and a letter describing the proposed project shall be submitted to the municipal office at least forty-five (45) days prior to the intended date of construction. Construction shall not commence until approval of the plans has been issued by: 1) the State agency and/or department having authority to approve such projects, and 2) the Water Commission. All work performed by non-municipal agents, such as developers or contractors, shall remain uncovered until an authorized Water Commission representative has inspected the work and indicates general satisfaction with it. When water mains are to be

constructed, the developer shall engage a professional engineer approved by the Water Commission to observe the construction and ensure that the work proceeds in accordance with the approved plans. The engineer shall certify to the Water Commission the completeness, suitability, and adherence to the approved plans and shall include submission of record drawings to the Water Commission within sixty (60) days of acceptance of the work by the Water Commission. If the Water Commission believes that the water main extension is not being constructed in accordance with the approved plans, the Water Commission may engage a professional engineer to review the work and provide a report to the Water Commission regarding compliance with the plans. The cost of the engineer obtained by the Water Commission shall be the responsibility of the applicant if significant discrepancies are noted between the Water Commission's approved plans and the constructed water main extension which are unacceptable to the Water Commission. Any discrepancies noted shall be corrected by the applicant under the observation of the professional engineer engaged by the Commission at the expense of the applicant for both engineering observation and construction correction. Upon the completion of the constructed water mains, final inspections and approvals and after a two (2) year warranty period the Town shall take ownership of the constructed water mains in the right-of-way and require permanent easements for access to the water main if constructed on private land.

#### **41. Materials**

All materials used in the construction, repair, or alteration of any part of the water system must meet existing state and industry standards. If the Water Commission finds that any materials used do not meet such standards, it may require that the substandard materials be removed and replaced with materials that meet existing standards. All materials must be compliant with Vermont's "No Lead Law," 9 V.S.A. §2470h (2).

#### **42. Protection from Damage; Consecutive Systems**

(a) No Person shall maliciously, willfully or negligently contaminate, break, damage, destroy, uncover, deface or tamper with any structure, appurtenance, or equipment, which is part of the Water System. A violation of this provision may be prosecuted as a criminal violation pursuant to 13 V.S.A. §3701, §3784 or other applicable provision of Title 13, V.S.A.

(b) No Person shall make any connection or extension to any part of the Water System so as to create a "consecutive system", as defined in the Vermont Department of Environmental Conservation Water Supply Rule.

#### **43. Enforcement and Penalties**

a. Any violation of this Ordinance, except as otherwise specifically set forth herein, may be pursued as a civil violation utilizing the civil enforcement procedures set forth in 24 V.S.A. §1974a. Each day a violation continues shall be considered a new violation. In such civil proceedings, an Issuing Officer or Municipal Official is authorized to recover a waiver fee, in lieu of a civil penalty, in the following amounts, for any person who declines to contest a municipal complaint and pays the waiver fee:

First Offense:	\$50
Second Offense:	\$100
Third Offense:	\$150

Fourth and Subsequent Offenses:       \$250

Offenses shall be counted on a calendar year basis.

An Issuing Officer or Municipal Official is authorized to recover civil penalties in the following amounts for each violation:

First Offense:                               \$100

Second Offense:                             \$150

Third Offense:                               \$250

Fourth and Subsequent Offenses:       \$500

Offenses shall be counted on a calendar year basis.

- b. Any violation of the sections of this Ordinance set forth below may be pursued as a criminal violation utilizing the criminal ordinance procedure set forth in 24 V.S.A. §1974:

Section 36

Section 39

Section 42

Any law enforcement officer may issue a criminal citation for violation of the provisions of this Ordinance referenced above.

- c. In addition to the enforcement authority set forth above, the Water Commission shall have the right to institute any civil action which it deems appropriate to obtain injunctive or monetary relief, or both.
- d. The Water Commission shall, at its sole discretion, provide any person found to be violating any provision of this Ordinance with written notice stating the nature of the violation and providing a reasonable time period for the satisfactory correction thereof. The offender shall, within the period of time stated in the notice, correct the violation.
- e. Any Issuing Officer or Municipal Official designated by the Water Commission and approved by the Selectboard may issue a municipal complaint ticket for violation of the provisions of this Ordinance.

**44. Water Rates, Special Charges, and Connections Fees**

From time to time, the Water Commissioners shall establish water rates, special charges, and connection fees in order to provide for the efficient operation and financial stability of the water system. When, in the opinion of the Water Commission, existing rates, charges or fees must be revised, the Water Commission will notify ratepayers of its intent by way of a notice published in a newspaper of general circulation. Following such notice, the Water Commission shall convene a warned Public Hearing to explain the proposed revisions and to receive comments from ratepayers. After taking all comments into consideration, the Water Commission shall establish rates, charges and fees and will cause notice of same to be published in a newspaper of general circulation and posted at three (3) places within the water system service area.

Water rates, charges and fees shall be set, revised, collected and expended by the Water Commission for the purpose of paying the costs of operating and maintaining the Water

System, paying debt service on obligations issued to finance Water System improvements and maintenance, and funding capital reserves dedicated to servicing debt, anticipated and emergency Water System repairs and replacements.

**45. Appendices**

Appendices are not part of the Ordinance. They are subject to the regulatory and policy making authority of the Water Commission and may be revised from time to time to meet the changing needs of the water system.

**46. Publication and Effective Date**

- a. No section of this Ordinance shall be construed to supersede or replace any Vermont Statute.
- b. This Ordinance shall be incorporated, by reference, in the minutes of the Selectboard meeting, and posted in at least three (3) conspicuous places within the Town of Waitsfield. The ordinance, or summary of changes to, shall either be published in its entirety or a summary of changes published with a reference to acquiring the ordinance in its entirety, in accordance with 24 V.S.A. §1972 in a newspaper circulating in the Town on a day not more than fourteen (14) days following the date when the ordinance is so adopted.
- c. This ordinance shall become effective sixty (60) days after the date of its adoption by the Selectboard, unless a petition is filed with the Town Clerk forty-four (44) days after the date of its adoption. The petition should be addressed to the Selectboard, be signed by at least five percent (5%) of the qualified voters of the Town, and ask for a special meeting to be called on the question of disapproving the Ordinance.
- d. Questions about the ordinance may be directed to the Town Administrator, Waitsfield, Vermont, or by calling telephone number (802) 496-2218.

Adopted and signed this 19<sup>th</sup> day of November, 2018 by the Selectboard of the Town of Waitsfield, Vermont:

Paul Hartsorn  
\_\_\_\_\_  
g T J L  
Kari  
Darryl

## Appendix A – Rates, Special Charges and Connection Fees

### Town of Waitsfield Water System

#### Water Rate, Special Charges and Connection Fees

**Effective July 1<sup>st</sup> 2021**

##### Water Rates

1. Metered Properties
  - a. Base Fee – per ERU charge that pays the debt service of the Waitsfield community Water System, the Operation + Maintenance costs and is inclusive of the first 10,000 gallons per quarter(GPQ)
    - i. Debt Service: \$456.00 per ERU per year (\$114 per qtr.)
    - ii. O & M & Reserves \$172.00 per ERU per year (\$43 per qtr.)
    - iii. Total Base Fee: \$628.00 per ERU per year (\$157 per qtr.)

Paid in advance each quarter.
  - b. Usage charge over 10,000 GPQ  
\$6.00 per 1,000 gal
2. Unmetered Use
  - a. Unmetered use shall only be granted by the Water Commission.

Minimum Charge: The minimum charge will be based on one ERU.

**Connection Fee:** The municipality will furnish the water meter, pressure reducing valve and backflow prevention devise and the customer will pay the actual costs of meter, appurtenances, and Water Operator time.

##### Special Charges:

Seasonal shut-off/open trip:	\$25 (\$37.50 overtime)
Reconnection trip:	\$25 (\$37.50 overtime)
Account Transfer:	\$25
Meter Test Deposit:	\$100

##### Fines:

Charges for disconnection/reconnection resulting from delinquent accounts will be according to Vermont State Statute Title 24 VSA § 5151.

Rates set by the Waitsfield Water Commission on June 10th 2021

**Appendix B                      Town of Waitsfield Community Water Commission**  
**Water Service Allocation & Connection Permit Application**

Property **Owner**-----

**Applicant**-----

Mailing **Address** :-----

Property Location: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

I hereby apply for permission to construct a:

☒ **New Water Service:** See Town of Waitsfield Water Ordinance, Sections 9 and Appendix A.

☐ **Other:** \_\_\_\_\_

Name, address of Contractor, Company or Individual who will undertake the proposed work:

Name \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

**Water Service Information:**

1. ☐ commercial ☒ Residential ☐ industrial ☒ Other (describe) \_\_\_\_\_

2. Type and Size of Service: \_\_\_\_\_

3. Permitted or estimated wastewater capacity (gallons per day): \_\_\_\_\_

4. Estimated water usage per quarter/year: \_\_\_\_\_

5. Water supply pipe diameter (inches): \_\_\_\_\_

6. fire suppression system ☒ Yes ☐ No Details: \_\_\_\_\_

**Permit Conditions:**

1. Work must commence within one year from the date of this permit.
2. The Waitsfield Community Water System must be contacted 15 days in advance for a pre-construction meeting and construction phase (see Section 19 of the Ordinance).
3. No work shall be done on the system without the approval of the Water Commission.
4. Final inspection and approval by Water Commission is required prior to water service use. Any use without approval will be subject to penalties per Water Ordinances.

Applicant is responsible for all labor and material costs of connection. The applicant shall be responsible for the cost of the water service connection. The applicant shall be responsible for the cost of the water service connection. The applicant shall be responsible for the cost of the water service connection.

**Signatures:**

I (we) hereby certify that I (we) have read the applicable provisions of the Town of Waitsfield Community Water Ordinance and I agree to abide by the terms and conditions contained therein, conditions as noted above or attached to this Permit. Moreover, I (we) certify that the information contained in this application is true and correct to the best of my knowledge and agree that this permit may be revoked for any negligent or intentional misrepresentation.

Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

Applicant: \_\_\_\_\_

Date: \_\_\_\_\_



**OFFICE USE ONLY:**

Connection Fees: Water \$ \_\_\_\_\_ Final Inspection: \$ \_\_\_\_\_ Other: \$ \_\_\_\_\_  
\$ \_\_\_\_\_ Connection Fees Paid \_\_\_\_\_ Approved by: \_\_\_\_\_

Check# \_\_\_\_\_ Date \_\_\_\_\_ Water Commission \_\_\_\_\_ Date \_\_\_\_\_  
Property Tax I.D.# \_\_\_\_\_

Inspected by: \_\_\_\_\_ Date(s): \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

## **Appendix C - Customer Inquiry Policy**

### **INTRODUCTION**

The Waitsfield Community Water System is a full service water supply system. It is a municipal entity. The Town of Waitsfield Water Commission serves as the governing body and exercises its authority by majority vote at regularly noticed meetings. The Water System Operator is primarily responsible for the operation of the water system on a daily basis. The Town Clerk/Treasurer's Office is responsible for billing and accounts payable. Records are audited annually and an Annual Report is published annually in the Waitsfield Town Report.

### **CUSTOMER SERVICE**

It is the policy and the goal of the Waitsfield Community Water System to keep all customers informed about matters of the water system through the use of public meetings, announcements in local newspapers and radio stations, Annual Reports, Consumer Confidence Reports and occasionally by newsletter. However, it is inevitable that not all customers are in fact aware of all matters. There are also some incidents, such as a leak in the water pipe requiring interruption of service or other actions that result in customer inquiries or complaints. Except in the case of an emergency, the Waitsfield Community Water System will make an effort to inform the customers of interruptions of service.

Therefore, this policy is adopted to guide the appropriate persons in registering, handling and documenting complaints.

### **STEPS IN HANDLING COMPLAINTS**

The following steps are to be taken by any Waitsfield Community Water System official who receives a complaint from any source.

1. Listen without interruption. Take notes of the complaint as the problem is being described.
2. Ask questions to clarify the problem if necessary.
3. Determine who the complaint should be referred to, and advise the complainant of your determination. Refer the matter to the appropriate person, and be sure to provide written notes. Avoid having the complainant call around to different people.
4. Follow up to ensure customer satisfaction. If the customer is not satisfied with the action taken or the results, the following contacts should be provided to the customer:
  - a. Contact the Water Commission at (802) - \_\_\_\_ .
  - b. Contact local Health Officer or State Health Department.
  - c. Contact the Water Supply Division, 1-800-823-6500.
5. In all cases be sure to document all pertinent information to be kept on file.

## **DOCUMENTATION**

Many routine questions and minor complaints can be resolved promptly, and there is no need for documentation. If there is a major complaint or concern it is important to record the nature of the complaint and the results of any action taken. If the problem is of a serious nature or requires action by the Waitsfield Water Commission, it should be noted on the minutes of the Water Commission meetings.

## **DISSEMINATION**

This policy is to be provided to all officers, contractors and others who may be in a position to receive inquiries, questions, or complaints regarding the water system. It should be reviewed annually and updated or amended as appropriate.

Adopted \_\_\_\_\_, 2011

Waitsfield Water Commission

## Appendix D - Water Disconnect Notice


According to Statute, this form must be printed on pink paper

### Town of Waitsfield Community Water System Water Disconnect Notice

Date: .....

Amount in Arrears: \$.....

Dear Customer:

According to our records, your (water service account is still unpaid. Please make full payment of the account or contact our office to make satisfactory arrangements before  
-----  - If this is not done, we will no longer be able to extend credit and will have to discontinue your service, on that day or any one of the following four business days. (Under the law, "business days" means Monday through Thursday, excluding legal holidays, when the offices are not open to the public). An unpaid bill is a lien on your real property, and may lead to tax proceedings.

Special Charges: Section 5151 of Title 24, Vermont Statutes Annotated, provides that we charge a fee for coming to your location to collect the amount overdue. Also, the same statute provides that we shall charge a reconnection fee for restoration of service if your service has been disconnected for nonpayment. These fees are as follows:

Collection Trips - \$25.00, regardless of number

Reconnection-During normal hours=\$ \$25.00, for Overtime=

\$37.50 Interest Charged according to Title 24 VSA § 5156.

If payment has already been sent, we recommend that you contact our office to make certain that payment is recorded on your account by the indicated date as such payment may have become delayed or lost in the mail. Payment in the mail does not constitute payment until received by us.

THIS IS A FINAL REQUEST FROM:

**Waitsfield Community Water System Billing Department**

Town of Waitsfield

9 Bridge Street

Waitsfield, VT 05673

(802) 496-2218

Other Important Information: If you have a question concerning this bill or if you want to seek an agreement with us to pay the balance due in partial payments over a period of time, you should contact this office as soon as possible after receipt of this notice. In the event an

agreement is entered into, failure to abide by the terms of agreement can lead to disconnection without further notice. If disconnection would result in an immediate and serious health hazard to you or to a resident within your household, disconnection will be postponed upon presentation of a duly licensed physician's certificate.

Appeals: If you cannot reach agreement as to payment of this bill with the department listed above, you may appeal to:

Water Commission and Selectboard Chairs

Town of Waitsfield  
9 Bridge Street  
Waitsfield, VT 05673  
(802)496-\_\_

An appeal cannot be taken unless you first attempt to settle with the billing department. You may appeal only as to the proper amount of your bill or the correctness of application of the rules and regulations. You may not appeal as to the level or design of the rates themselves. No charge shall be made for the appeal. However, undisputed portions of the charges giving rise to this notice must be paid before the disconnection date given above.

## **Appendix E - Water Service Area**

The Water Service Area comprises of the Village District West of the Mad River, the Irasville Village District and three parcels north of the Village District.

This Water Service Area includes the area located within the following boundaries, as depicted on the Waitsfield Water Service Area Map

**A. Village District West of the Mad River:** The northern boundary shall be the dividing boundary between the Waitsfield Elementary School parcel (parcel map #99051.000) and the Historic Wait House parcel (99052.000), so called, as referenced in the Waitsfield Land Records Book 21, Page 105. Such boundary shall continue in a westerly direction to a point 1,000 feet from the centerline of Vermont Route 100; shall then turn in a southerly direction parallel to Route 100 at a distance of 1,000 feet from the centerline to a point where the boundary intersects with the north fork of Tributary 15, as described in the Town Flood Insurance Rate Map; shall turn east to follow the center of the stream until its confluence with the Mad River excluding Parcel #99117.000 which shall now be in the Irasville Village District; then shall turn north following the center of the River across Bridge Street (TH#1) and shall then follow the boundary line of the 100 year floodplain as described on the Town Flood Insurance Rate Map, to the northern boundary line. Excluded within this district, as described herein, are those parcels included in the Historic Waitsfield Village District described in (B) and (C), below.

**B. Irasville Village District:** This District shall comprise the area located within the following boundaries: The Mill Brook running out of South Fayston and emptying into the Mad River on the south; the Mad River from the point of the Mill Brook, so-called, on the east to a point on the Mad River where it intersects with Tributary 15, as described on the Town Flood Insurance Rate Map and to include parcel #99117.000; Tributary 15 to its north fork, then along its north fork to its intersection with the Waitsfield/Fayston Town line to the point of beginning.

**C. The Parcels North of the Village District:** Parcel # 99049.00 Mad River Garden Center, Parcel #99050.000 Mad River Valley Health Center and Parcel # 99051.000 Waitsfield Elementary School.

## **Appendix F - Penalty and Waiver Schedule**

*To be developed.*

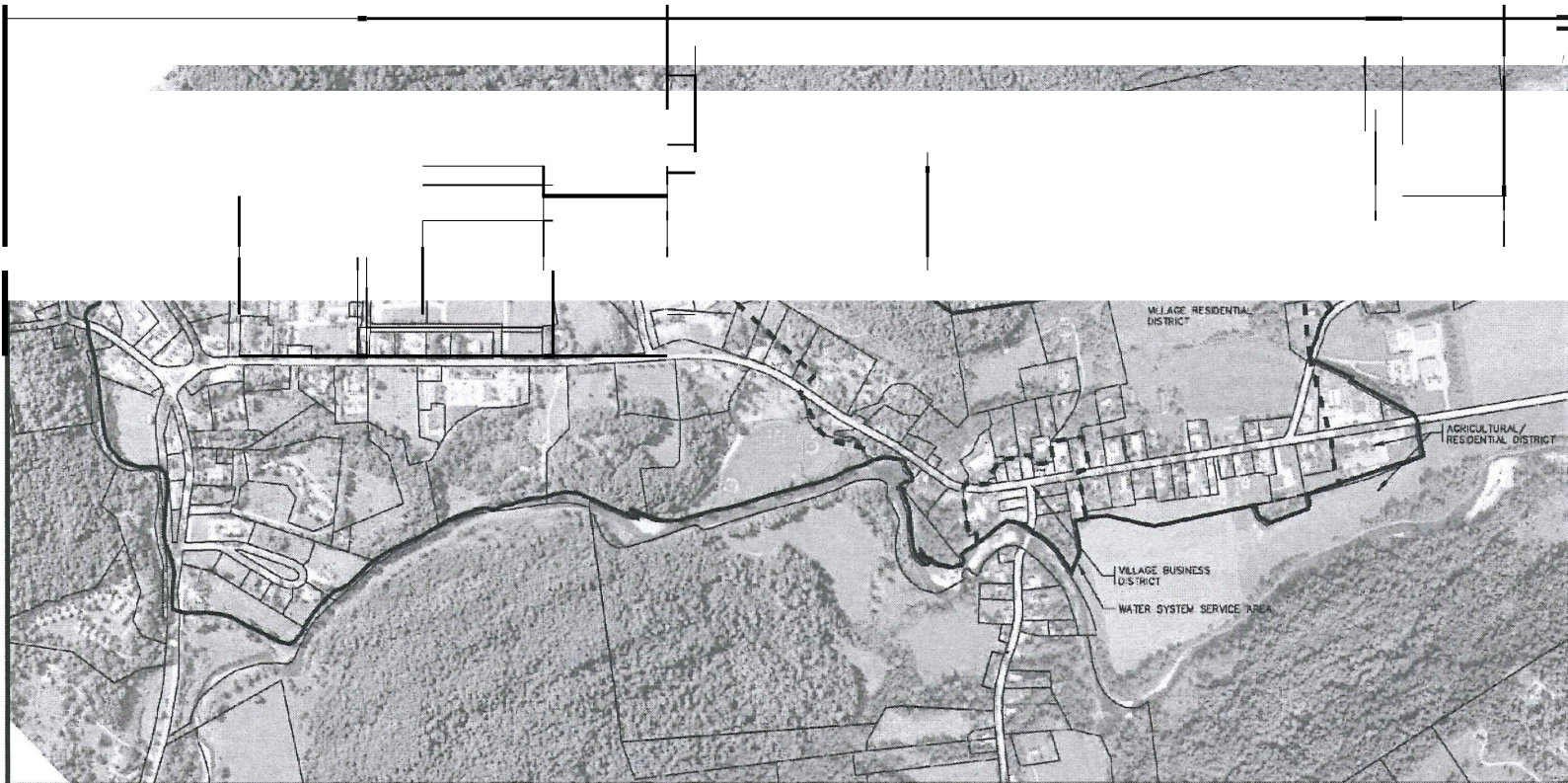
327.7' ±

Water

V

9

V



**PHELPS ENGINEERING, INC.**

3 Mill St., P.O. Box 367  
Middlebury, VT 05753

Tele. (802) 388-7829

Fax (802) 388-9642

Ji-Mail: inJo@p1H:lpS:eng.com

PROJECT: **TOWN OF WAITSFIELD**

TITLE: **WATER SERVICE AREA**

SCALE: 1" = 120' DATE: 03/23/11 ENC: JK PROJECT #: 99003

ATTACHMENT (10)

**1**

REF.SHT. 99C20

327.7' ±

0  
N  
VI



## 1. Update Billing Authority to the Selectboard

### Current Language (Section 29: Responsibility for Water Charges):

“The owner served by the water system is responsible for payment of all charges for water service rendered to the property... The water rates, charges and fees shall be established by the Commission...”

### Suggested Update:

Amend Section 29 and Section 44 to specify that **the Selectboard**, rather than the Water Commission, is the **final authority for approval and issuance of warrants for bill payment**. The Water Commission may still propose rates and charges, but the Selectboard approves expenditures in alignment with standard municipal finance practices.

### Why:

This aligns with Vermont town governance norms where the Selectboard controls financial authorizations.

---

## 2. Restructure the Water Commission as an Advisory Body

### Current Language (Section 2: The Water Commission):

"The Water Commission shall be responsible for making and establishing regulations and policies... and all needful water rates for control and operation of the water system."

### Suggested Update:

Revise to clearly define the Water Commission as an **Advisory Board**, responsible for:

- Reviewing system operations
- Making policy recommendations
- Supporting customer and technical inquiries
- Collaborating with the Operator and Town Administrator

Move **decision-making authority** on rates, allocation, and expenditures to the Selectboard, with support from the Town Administrator and Treasurer.

### Why:

A less powerful advisory board model ensures:

- Clear oversight by elected officials
  - Administrative consistency with other departments
  - Easier coordination of budgeting, operations, and enforcement
-

### **3. Strengthen Ordinance with Best Practices**

Here are additional suggestions that reflect good governance and technical standards:

#### **a. Clarify Roles and Responsibilities**

Include a new section (or update Section 2) outlining:

- Role of Town Administrator in system oversight
- Role of Water Operator (licensed, as required by state)
- Coordination with the Treasurer for billing and financial management

#### **b. Modernize Rate Adjustment Process**

Update Section 44 to include:

- A structured timeline (e.g., annual review)
- Public input opportunity before rate changes
- Clarification that the Selectboard adopts the rates

#### **c. Add Digital Access and Communications Policy**

Encourage transparency by incorporating:

- Use of online billing or notifications
- Open access to water system policies and meeting minutes

#### **d. Include a Capital Planning Section**

Address long-term sustainability by requiring:

- A five-year capital improvement plan
- A reserve fund policy (may already exist, but can be formalized here)

#### **e. Establish Emergency Response Policy**

Though the ordinance mentions emergency rules, formalizing a **Water Emergency Response Plan** section would help—especially in light of climate resilience goals.

#### **f. Process for water meters that fail (p.22 lays this out fairly well. However, I was asked to strengthen this section)**

---

### **Next Steps**

1. **Legal Review:** Any ordinance amendments must follow 24 V.S.A. Chapter 59, including proper notice and hearing.
2. **Selectboard Approval:** Proposed revisions should go before the Selectboard, ideally with input from current Water Commissioners and the Town Administrator.
3. **Public Comment:** A draft version should be circulated for feedback.
4. **Adoption and Posting:** Post in accordance with statute and file with the Town Clerk.

## Section 2 – The Water Commission

### Current (excerpt):

The Water Commission shall be responsible for making and establishing regulations and policies governing the operation of the Water Department and all needful water rates for control and operation of the water system.

### Suggested Change (Redlined):

The Water Commission shall be responsible for advising on the operation of the Water Department. **Final decisions regarding water rates, financial obligations, and major operational policies shall be made by the Selectboard.** The Commission shall serve in an advisory capacity, offering recommendations for operational and financial planning.

### Optional Rename:

Rename the body from "Water Commission" to "**Water Advisory Committee**" to reflect its advisory role.

---

## Section 29 – Responsibility for Water Charges

### Current:

The water rates, charges and fees shall be established by the Commission, which is authorized to establish or amend said rates, charges and fees from time to time by resolution.

### Suggested Change (Redlined):

The water rates, charges, and fees shall be established by the **Selectboard, upon recommendation from the Water Advisory Committee**, and may be amended from time to time by Selectboard resolution.

---

## Section 44 – Water Rates, Special Charges, and Connection Fees

### Current:

From time to time, the Water Commissioners shall establish water rates, special charges, and connection fees...

### Suggested Change (Redlined):

From time to time, the **Selectboard**, in consultation with the Water Advisory Committee, shall establish water rates, special charges, and connection fees...

---

## Best Practice Suggestions to Consider Adding

1. **Public Participation Clause:**  
Require at least one public hearing annually on water rates and system operations, to ensure transparency and input from ratepayers.
2. **Conflict of Interest Policy:**  
Add language preventing members of the advisory board from voting or advising on matters where they have a financial interest in water-related development.
3. **Reporting Requirement:**  
Mandate a written annual report to the Selectboard summarizing water system performance, budget status, and policy recommendations.
4. **Selectboard Warrant Language:**  
Add a clause clarifying that water-related expenditures must be approved through the regular Selectboard warrant process.

TOWN OF WAITSFIELD COMMUNITY WATER SYSTEM WATER ORDINANCE  
(Redlined Draft for Selectboard Review)

### Summary of Proposed Revisions (May 2025 Draft):

1. **Water Commission Governance**
  - Replace the existing Water Commission with a Water Advisory Board.
  - Clearly define advisory versus administrative roles.
  - Shift rate-setting, policy adoption, and billing oversight to the Selectboard.
2. **Billing and Warrant Process**
  - Specify that the Selectboard is the board of authority approving water-related warrants.
  - Clarify that the Treasurer manages billing under Selectboard oversight.

### 3. Additional Best Practice Updates

- Include five-year ordinance review cycle.
- Reference to cybersecurity and system vulnerability assessments.
- Encourage integration with Capital Improvement Planning.

---

#### Redlined Revision Examples (Excerpts):

**Section: The Water Commission** *Current:* "The Selectboard shall appoint five (5) Water Commissioners..."

*Proposed:* "The Selectboard shall appoint up to five (5) members to a Water Advisory Board, which shall serve in an advisory capacity only. Final decisions regarding water system policies, rates, ordinances, and financial oversight shall rest with the Selectboard."

*Current:* "The Water Commission shall be responsible for making and establishing regulations and policies governing the operation of the Water Department..."

*Proposed:* "The Water Advisory Board may recommend regulations and policies governing the operation of the Water Department; however, all such regulations shall require Selectboard approval."

**Section: Billing Procedures** *Current:* "Bills will be issued quarterly to the owner... and will be considered in arrears if unpaid within thirty (30) days..."

*Add:* "All warrants for billing and disbursements associated with the water system shall be submitted to and approved by the Waitsfield Selectboard in accordance with standard municipal warrant procedures."

**Section: Responsibility for Water Charges** *Add after paragraph one:* "The Treasurer of the Town, under the oversight of the Selectboard, shall be responsible for issuing and collecting water service charges, maintaining billing records, and presenting regular financial summaries to the Selectboard."

---

#### Suggested Next Steps

1. Selectboard to review and discuss proposed structure change.
2. Legal counsel review if structural shift away from current Water Commission is permitted under 24 V.S.A. Chapter 89.
3. Solicit public comment on major governance change.
4. Draft full ordinance update based on Selectboard direction.

## Integrated Backflow Prevention Practices into Waitsfield Water Ordinance

The following is a comprehensive update to the Waitsfield Water Ordinance (2018) to fully integrate robust backflow prevention and cross-connection control practices, modeled on the City of Rutland's detailed program. This integration ensures public health protection, regulatory compliance, and operational clarity for property owners, water system operators, and municipal officials.

### 1. Purpose and Applicability

Backflow prevention and cross-connection control are essential to protect the public potable water supply from contamination or pollution by isolating potential sources of backflow within customer premises. These requirements apply to all connections to the Waitsfield Community Water System, including residential, commercial, industrial, and institutional properties.

### 2. Definitions (Expanded)

**Backflow:** The undesirable reversal of flow of water or mixtures of water and other substances into the public water system from any source.

**Cross-Connection:** Any actual or potential connection between the public water supply and a source of contamination or pollution.

**Approved Backflow Prevention Assembly:** An assembly listed on the most recent version of the University of Southern California (USC) Approved Backflow Prevention Assemblies list or as approved by the Town.

### 3. General Policy

No connection capable of permitting backflow from any other source of water, liquid, gas, or other substance to the public water system is permitted.

All new and existing connections must be protected by an appropriate backflow prevention device, as determined by the degree of hazard and as required by the Water Commission.

### 4. Installation Requirements

**Location:** Backflow prevention assemblies must be installed at or near the property line or immediately inside the building, before the first branch line, and always upstream of any internal branch or fixture.

Device Selection: The type of device required is determined by the degree of hazard:

High Hazard (health hazard): Approved air gap or reduced pressure principle backflow prevention assembly (RPZ).

Low Hazard (non-health hazard): Approved double check valve assembly (DCV) or equivalent.

Residential and Small Commercial (<15 GPM): Dual check valve (ASSE 1024) between the meter and interior plumbing.

Facilities with boilers, fire sprinklers, irrigation, or process water: RPZ or DCV as specified by the Water Commission and Vermont Department of Health.

## 5. Testing, Maintenance, and Inspection

Initial Testing: All backflow prevention assemblies must be tested by a certified tester upon installation.

Annual Testing: RPZs, DCVs, and pressure vacuum breakers (PVBs) must be tested at least once per year by a certified tester. Certification of testing must be submitted to the Water Operator within thirty (30) days of the anniversary date.

Repairs: Any defective device must be repaired, overhauled, or replaced at the owner's expense, and retested immediately.

Access: The Water Commission or authorized personnel have the right to inspect premises for cross-connections and device compliance during reasonable hours. Denial of access may result in water service disconnection after notice.

## 6. Owner Responsibilities

Install, maintain, and test all required backflow prevention assemblies at their own expense.

Eliminate or properly protect any cross-connection as directed by the Water Commission.

Maintain records of installation, testing, and repairs, and provide them to the Water Commission upon request.

Notify the Water Commission of any changes in use or plumbing that could affect the degree of hazard or require a change in backflow protection.

Do not bypass or remove any required backflow prevention device without prior written approval from the Water Commission.

## 7. Enforcement

Failure to install, maintain, or test required backflow prevention devices, or to eliminate unprotected cross-connections, is grounds for immediate disconnection of water service.

Each day of non-compliance constitutes a separate violation and is subject to civil penalties as outlined in the enforcement section of the Ordinance.

Water service will not be restored until compliance is achieved and all applicable fees are paid.

## 8. Approved Devices and Installation Standards

Hazard Level	Acceptable Devices	Testing Frequency
High Hazard	Air gap, RPZ	Annual
Low Hazard	DCV, PVB, dual check valve (as appropriate)	Annual (if testable)
Residential <15 GPM	Dual check valve (ASSE 1024)	Not testable
Fire Protection	DCV (minimum), RPZ if chemicals are added	Annual
Irrigation	Air gap, RPZ, DCV, PVB (per hazard)	Annual

All devices must be installed per manufacturer specifications and Town standards.

Devices must be accessible for testing, protected from freezing, and not subject to corrosive environments.



No bypass is permitted unless a device of equal protection is installed on the bypass line.

## 9. Special Provisions

**Private Wells:** Any private well connected to premises served by the public water system must be physically separated or protected by an approved air gap or RPZ. The Water Commission reserves the right to inspect and require disconnection if compliance is not met.

**Fire Suppression and Irrigation:** All fire suppression systems and irrigation systems must have appropriate backflow protection, as specified above and in accordance with Vermont Department of Health requirements.

**Thermal Expansion:** Owners must provide for thermal expansion protection within closed systems where backflow devices are installed.

## 10. Documentation and Records

The Water Commission shall maintain records of all backflow prevention assemblies, including type, location, installation date, test results, and hazard classification.

Certified tester and device lists shall be maintained and updated annually.

## 11. Exemptions and Appeals

Exemptions may be granted only if no unreasonable risk to public health exists and only under compelling circumstances, not including economic hardship. All exemptions are subject to monitoring and review.

Owners may appeal device requirements or enforcement actions to the Water Commission, whose decision is final.

# VT0020997 Consumer Confidence Report Certificate of Delivery 2024

## WAITSFIELD WATER SUPPLY

I (print name) Steve Lewis hereby certify that the Consumer Confidence Report for calendar year 2024 has been distributed to all customers served by the above water system by mail or an alternative direct delivery method specified below and "good faith" efforts were used to reach non-bill paying consumers. Further, I certify that the information in the report is correct and consistent with the compliance monitoring data previously submitted to the Vermont Drinking Water and Groundwater Protection Division. Any intentional deception or misinformation represented in this report could be cited as a violation of U.S. EPA Safe Drinking Water Act of 1996.

Date CCR Distributed: 6/27/25

**I. Direct Delivery Method(s) Used:** (Water Systems *must* use at least one)

☒ Mail ☐ Hand Delivery ☐ Electronic Delivery (provide direct link to CCR *if applicable*)

**II. "Good faith effort" Delivery Method(s) Used** (to reach non-bill paying customers). Please list the method(s) used:

**Consecutive Water Systems only:**

☐ Check here if the Wholesaler CCR *was* included when distributing our CCR to customers. (This must be completed *prior* to submitting this form).

Please sign and date this page *after* the CCR has been distributed to all customers.

Signed SA 25 Date 6/30/25  
Title Treasurer Phone # 802-496-2798

Please submit this completed form and a copy of your CCR to the Division no later than July 1, 2025.

**Submittal options include:**

- **\*NEW\*** - Consumer Confidence Report (CCR) Certificate (ANROnline Form)
- Email - Jeff.Girard@vermont.gov
- Fax - 802-828-1541
- Mail - Department of Environmental Conservation  
Drinking Water and Groundwater Protection Division  
One National Life Drive - Davis 4  
Montpelier, VT 05620-3521



# F.W. WEBB COMPANY

263 FRANKLIN PARK WEST  
ST. ALBANS, VT 05478  
Phone: 802-527-0531 Fax: 802-524-2093

This is your **Quotation** from F.W. Webb Company.  
Please review the products listed on this quotation for accuracy and completeness.

Quotation number:  
**91824011**

Ship to:  
**Webb Waterworks Potential  
5 Franklin Park West  
St Albans, VT 05478  
802-527-0531**

Bill to:  
**Webb Waterworks Potential  
5 Franklin Park West  
St Albans, Vt 05478  
802-527-0531**

Quote Date :  
**07/28/2025**

Cust.Nbr:  
**187862**

Customer PO:  
**SHEA - WATER LINE**

Rel:

Job:

Quoted By:  
**LECLAIR**

Requested:  
**07/28/2025**

Quantity	Description	Net Price	Total
240	<b>Plastic Pipe P/P4C900DR14GJ20</b> Pipe 4"x20' Pvc Dr14 Gskt Jnt C900 305psi	\$6.940	<b>\$1,665.60</b>
20	<b>Plastic Pipe P/P8C900DR14GJ20</b> Pipe 8"x20' Pvc Dr14 Gskt Jnt C900 305psi	\$24.000	<b>\$480.00</b>
1	<b>Ductile Iron Fitting DIF8SLVLP MJ</b> Sol Slv 8" Mj Di Cmpct	\$223.300	<b>\$223.30</b>
1	<b>Ductile Iron Fitting DIF8X4TMJ</b> Tee 8x4" Mj Di Cmpct	\$237.510	<b>\$237.51</b>
1	<b>Ductile Iron Fitting DIF8CAMJ</b> Cap 8" Mj Di Cmpct	\$102.180	<b>\$102.18</b>
1	<b>Ductile Iron Fitting DIF4TMJ</b> Tee 4" Mj Di Cmpct	\$123.150	<b>\$123.15</b>
1	<b>Ductile Iron Fitting DIF490MJ</b> Ell 90deg 4" Mj Di Cmpct	\$94.060	<b>\$94.06</b>
1	<b>Ductile Iron Fitting DIF4PLTAP MJ</b> Plg 4" Mj Di 2" Tap Cmpct	\$81.200	<b>\$81.20</b>
2	<b>Ductile Iron Fitting DIF4FA-BC</b> Mj Foster Adpt 4" Ashlt W/acc	\$114.090	<b>\$228.18</b>
2	<b>Ductile Iron Fitting DIF8FA-BC</b> Mj Foster Adpt 8" Ashlt W/acc	\$207.860	<b>\$415.72</b>
5	<b>Star Pipe STPPVCPK4004</b> Glnd Pk Stargrip 4000p 4" Mj F/pvc	\$56.220	<b>\$281.10</b>



## F.W. WEBB COMPANY

263 FRANKLIN PARK WEST  
ST. ALBANS, VT 05478  
Phone: 802-527-0531 Fax: 802-524-2093

This is your **Quotation** from F.W. Webb Company.  
Please review the products listed on this quotation for accuracy and completeness.

Quotation number: <b>91824011</b>	Ship to: <b>Webb Waterworks Potential 5 Franklin Park West St Albans, VT 05478 802-527-0531</b>	Bill to: <b>Webb Waterworks Potential 5 Franklin Park West St Albans, Vt 05478 802-527-0531</b>
Quote Date : <b>07/28/2025</b>		

Cust.Nbr: <b>187862</b>	Customer PO: <b>SHEA - WATER LINE</b>	Rel:	Job:	Quoted By: <b>LECLAIR</b>	Requested: <b>07/28/2025</b>
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Quantity	Description	Net Price	Total
3	<b>Star Pipe STPPVCPK4008</b> GInd Pk Stargrip 4000p 8" Mj F/pvc	\$94.630	\$283.89
1	<b>Ductile Iron Fitting DIF4BNGPKMJ</b> Hw Pk Mj W/blt Nut Gskt 4" Sbr	\$30.040	\$30.04
1	<b>Water Works Fabricated Pipe WWF4FXPE8DI53</b> Pipe 4" Flgxpe 8' Di 53	\$748.000	\$748.00
2	<b>Ductile Iron Fitting DIF490FLG</b> Ell 90deg 4" Flg Di Prmd	\$172.550	\$345.10
2	<b>PurePro PROFKFR4-18HZP</b> Boltpak 4" Ff 150 1/8" Rr Zp	\$27.300	\$54.60
3	<b>Kennedy KEN7571L-4</b> Gate Vlv Di 4" Mj Rslnt Wdg C515 O/I	\$780.000	\$2,340.00
1	<b>Kennedy KEN7571L-8</b> Gate Vlv Di 8" Mj Rslnt Wdg C515 O/I	\$1,585.330	\$1,585.33
4	<b>General Foundries GFIVBTFW-2648</b> Vlv Bx 2pc 6' Slid Top Flg W/cvr Wtr	\$186.440	\$745.76
200	<b>Plastic Pipe P/P2CTSBLU200</b> Pipe 2"x200' Pe Cts 250psi Blu	\$2.160	\$432.00
400	<b>Plastic Pipe P/P1CTSBLU400</b> Pipe 1"x400' Pe Cts 250psi Blu	\$0.610	\$244.00
3	<b>Cambridge Brass C/B150NL-H7H4</b> Srv Tee Lf Brs 2x1" Cts Cb	\$234.020	\$702.06



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Quote Date : <b>07/28/2025</b>		

Cust.Nbr: <b>187862</b>	Customer PO: <b>SHEA - WATER LINE</b>	Rel:	Job:	Quoted By: <b>LECLAIR</b>	Requested: <b>07/28/2025</b>
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Quantity	Description	Net Price	Total
1	<b>Cambridge Brass C/B117NL-H7M7</b> Adpt Lf Brs 2" Cb Ctsxm	\$131.020	<b>\$131.02</b>
1	<b>Cambridge Brass C/B117NL-H7F7</b> Adpt Lf Brs 2" Cb Ctsxf	\$136.940	<b>\$136.94</b>
1	<b>Merit BRA2X1BULF</b> Bu Hex Hd 2x1" Lf Brs	\$18.710	<b>\$18.71</b>
1	<b>Cambridge Brass C/B117NL-H4M4</b> Adpt Lf Brs 1" Cb Ctsxm	\$32.830	<b>\$32.83</b>
1	<b>Cambridge Brass C/B105NL-H4H4</b> Ell 90deg Lf Brs 1" Cts Cb	\$56.090	<b>\$56.09</b>
4	<b>Cambridge Brass C/B119NL-H4H4</b> Cplg Lf Brs 1" Cts Cb	\$38.610	<b>\$154.44</b>
4	<b>General Foundries GFIEBPLG-6</b> Crb Bx Erie 6' Sm Arch Plg Lid	\$48.990	<b>\$195.96</b>
4	<b>General Foundries GFIEBRSS-12X42</b> Crb Bx Rod 1/2x42" 304ss S-pnt	\$48.570	<b>\$194.28</b>
7	<b>Cambridge Brass C/B86-7</b> Stifnr Ins 2" Ss Cts	\$3.480	<b>\$24.36</b>
8	<b>Cambridge Brass C/B86-4</b> Stifnr Ins 1" Ss Cts	\$2.530	<b>\$20.24</b>
2	<b>Proline P/LCCS-HF-12-PE30-B</b> Tracer Wire Ccs Hf 12awg Pe30 Blu 500'	\$72.310	<b>\$144.62</b>



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Please review the products listed on this quotation for accuracy and completeness.

Quotation number:	Ship to:	Bill to:
<b>91824011</b>	<b>Webb Waterworks Potential</b>	<b>Webb Waterworks Potential</b>
	<b>5 Franklin Park West</b>	<b>5 Franklin Park West</b>
Quote Date :	<b>St Albans, VT 05478</b>	<b>St Albans, Vt 05478</b>
<b>07/28/2025</b>	<b>802-527-0531</b>	<b>802-527-0531</b>

Cust.Nbr:	Customer PO:	Rel:	Job:	Quoted By:	Requested:
<b>187862</b>	<b>SHEA - WATER LINE</b>			<b>LECLAIR</b>	<b>07/28/2025</b>

Quantity	Description	Net Price	Total
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		Subtotal	\$12,552.27
		Shipping	\$0.00
		Handling	\$0.00
		Tax	\$878.66
		Total	<b>\$13,430.93</b>

Thank you for the opportunity to provide product pricing to meet your business needs.

Please visit our website for additional products or information <http://www.fwwebb.com>

This Quotation is valid for 10 days after the above Quote Date.

\* Restocking fees may apply on any Special Order Items.

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