

9/6/24

Dear Adam and Amber Thomas (Developer/Owner):

Per Valerie's email earlier this week, the Selectboard/Water Commission did approve the updated changes in the ordinance fee and rate structure at their meeting last week. In light of the delay getting back to you from your Aug. 7 note and that Adam and Amber essentially submitted a pre-application back in March, I believe it would be appropriate to consider this under the "previous" connection fee structure.

Under the previous structure:

- \$500 per connection (6)
- \$500 for the meter pits (2) because they will need their own accounts and readings
- Actual cost of the meter sets and appurtenances (8)
 - 3/4" residential meter sets have been running around +/- \$600
 - the meter pits will cost considerably more
- Actual cost of the Water Operator's time (based on the rates at that time), which would involve witnessing the taps to the distribution mains; witnessing installation of the meter pits, service lines, and curb stops; and construction and installation of the meter sets, etc.

So, the application fee would be $\$500 \times 8 = \$4,000$. The rest would be billed separately.

Upon review of the 08-05-2024 design drawings Jill Marsano, Water Operator, and Steve Palmer, P.E. have the following comments:

1. All costs associated with the installation of waterlines are to be borne by the Developer/Owner.
2. All materials shall be AWWA certified and approved for use by the Town, including stainless steel saddles & bolts (where necessary) pipe material, meter pits, and appurtenances and for pressures up to 290 psi.
 - a. Material certifications and submittals shall be provided by the Developer/Owner or his/her representative for review by Bristol's Water Operator (Jill Marsano) and Town Engineer (Steve Palmer, P.E.) and receive approval prior to installation. If AWWA certified HDPE CTS is used in lieu of copper after the meter pit (as proposed), the plastic line must have a tracer wire installed the entire length into each building/service so the line can be located.
 - b. Piping between the existing water main and meter pit shall be Type K copper and meet AWWA standards.
 - c. If CTS pipe is utilized after the meter pits, connections shall be joined with stainless steel inserts and brass CTS compression fittings. If HDPE is utilized, any joints or connection points shall be fused. No glued nor soldered joints shall exist in exterior underground potable water piping.

- d. The new lines and appurtenances shall be pressure tested and bacti tested from the corporation to the curb boxes, following the AWWA standards prior to being place in service.
2. All waterlines must be buried 6' or deeper and bedded in four inches (4") of sand below and twelve inches (12") of sand above.
3. Bristol's Water Operators and Town Engineer must be consulted regarding the construction details for the meter pits as each will need valves on either side of the 2" Sensus meter on the outside of the structure and enough space for water department personnel to enter, access, and maintain the meter, structure, and appurtenances.
 - a. The meter pits must be located in the green belt in the Town's ROW with the watertight cover at finish grade.
 - b. The meter pit from the two inch (2") tap on North Street is to be installed in the right-of-way on North Street to serve the two duplexes.
 - c. The meter pit on Pine Street coming from the 8" Tee to 2" copper service is to be installed in the Pine Street right-of-way for the two single family homes.
 - d. The Developer/Owner must call the Water Operator to request meter sets for the two meter pits a month prior to the desired install date. 2" meters can be several weeks out and will need to be ordered in advance.
4. The tap to the water main on North Street must be performed by an insured water tapping company, such as MACS or EJ Prescott.
5. The Water Operator must be contacted at least 1 week in advance of the planned connection/installation for each location. They can be contacted at (802) 922-1102 or jill@vtums.com.
6. The Water Operator must be present to witness the installation and connection to the Town's water system at both locations and are the only ones permitted to turn the water services on/off.

After all conditions are met and the waterline construction is completed, the waterline from the tap at each water main (North St. and Pine St.) to the meter pits, including each pit, will be considered the property of the Town of Bristol Water Department. The 2" waterlines leaving the meter pits and beyond shall be considered privately owned and must be maintained by the Developer/Owner and future heirs and assigns.

7. Easements must be signed giving the water system and operator permission to enter the premises and turn off the individual curbs for any reason for water shut off under the approved ordinance.
8. The Developer/Owner shall confirm these details in items 1-8 above with the Water Operator and Town's Engineer prior to any work being completed.
9. Work in the Right-of-Way permits from the Public Works Department will be required prior to working in the right of way at each location and will need to be coordinated with the Public Works Foreman. The Foreman must be contacted before digging in the road is commenced. Contact: (802) 453-4707 or bristolhighway@gmavt.net.

10. A new driveway access approval may be required from the Public Works Foreman and Selectboard.

DIG SAFE will need to be contacted by calling 811 or going to DigSafe.com with plenty of lead time given their longer response times and the sites must be cleared/marked prior to any excavation. Bristol is not a member of Dig Safe, so the water and sewer utility will need to be contacted directly to mark out the any public water or sewer lines in the area. Please call VTUMS at (802) 377-2316.

Please let us know if you have any questions.