



**Randolph Fire District #1**  
**Randolph Center, VT 05061**

## Engineer's Report Feb. 28, 2019

### March 2019:

- Read water meters on March 1st. Total usage for the quarter (Dec. 1, 2018 to March 1, 2019) was 103,300 cubic feet or 772,684 gallons. This averages 8,585 gallons per day. High users were Menig at 190,740 gallons or 2,119 gal. per day. Judith Parker (due to broken pipes) 136,136 gallons, Independent Living at 93,500 gallons or 1,038 gallons per day.
- There were several customers that I had to estimate the readings because the outside reader was not accessible due to snow piled up against the house. The plumber was supposed to locate the readers at least 3 to 4 feet above the ground but like many things, they ignored my instructions. The meter at 22 Water Street is not working after the wall caved in. I will replace the meter at the owner's expense once the wall is fixed. There is no sense in doing it sooner as there's a chance the rest of the wall could cave in and it will be in the way when they do the work to fix the wall. They told me they hoped to have it fixed as soon as the ground thaws.
- Peter Paul contacted Carolyn about having his water turned on by April 11th. Carolyn sent him an updated bill for \$350.92 (includes my time) which he will have to pay before I reinstall the meter and turn the water back on.
- Scott Beavers reported that a leak at a valve in pump house has gotten worse and should be fixed soon. This is on the supply side so not under a lot of pressure so I feel it can wait until the snow is gone before fixing it. I'm thinking of replacing the pipe on at least the inlet side with PVC which will eliminate the corrosion problems we have with the galvanized pipe. We may want to consider replacing all the pipe, fittings and valves with new. The existing pipe is 40 years old and we can expect it will continue to cause problems until it's replaced. I can put an estimate together if the board thinks we should go in that direction. Off the top of my head I'm guessing it will cost \$2,000 to \$3,000 but that might be cheaper in the long run than piecemealing it.

Respectfully submitted  
Bill DeFlorio  
Fire District Engineer