

September 14, 2014

Roads Water and Sewer Report

Roads: An inspection of the common roadways several areas that need to be repaired. The storm drains and culverts should be cleaned and repaired.

Water: Samples have been tested as required.

The boil order remains in effect.

Testing of water input at the spring box has shown a consistent 20 gallons per minute over the last weeks. This belies the readings we were getting from the flow meter in the plant. I will call the supplier and try to find the cause.

Mike and I performed a pressure test on the spring line to see if showed any leaks: The spring line was shut off at the valve nearest the tank. As the line filled, the pressure went from 0 to 250 lbs psi. It stayed there while the level in the collection vault also stayed full. We maintained this status for two hours and saw no change in pressure or level. The level of the tank dropped from 12'9 to 12'6
Tank outflow averaged 750 gph

Tank outflow (town use) at 750 gph on Sunday afternoon should be less than average - $20 \text{ gpm} \times 60 \text{ min} = 1200 \text{ gph} \times 24 \text{ hours} = 28,800 \text{ gallons per day}$ divided by 42 services=685 gallons per day per service. The tank level should be increasing, but since it is staying about the same level we are using what we are getting. We believe we do not have a leak in our spring line. We believe that mains and laterals are in good shape. Our water loss then has to be coming from leaks drips and non compliance with our conservation measures.

Sewer: No issues with sewer have been reported.

Power meters were read and recorded.

Submitted by Chuck Grooms,
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