



Centerville CSD

Serving the Community Since 1959

August 2023

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Emergency

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Blow-Off and Dead-End Flushing

What is a Blow-Off? A blow-off is part of the water system generally located at dead-ends and at low points of the system. They do not have fire fighting capabilities. Their primary function is to flush out water for maintenance.

Dead-end lines need the most attention when it comes to flushing since they generally have lower flow rates. A blow-off's main purpose is to move aging water out of the system, ensuring a fresh, safe and reliable water supply.

High-Quality Water

Over time, water settles and ages. This is especially true for dead-end lines. To ensure the highest water quality the District regularly flushes the water mains. Flushing can remove water from areas of the distribution system that have low water use, to ensure the desired chlorine residual.

Flushing the water mains can help remove sediment and mineral build up, and improve the color, smell and taste of the water.

Regular flushing of the fire hydrants and blow-offs means keeping chlorine residuals in the proper range. There are several benefits to the flushing process. Water main flushing is an important preventative maintenance activity that:

- ◆ Verifies proper operation of a hydrant or blow off.
- ◆ Allows utilities to deliver the highest quality water possible.
- ◆ Removes mineral and sediment build up from the water main.

Fire & Emergency Needs

During the flushing of a hydrant, operators assess the water pressure and available flow rate for firefighting purposes. It's imperative that each hydrant is operating as firefighters rely on them for fire suppression.

Flushing Schedule

Centerville operators will be out flushing blow-offs and dead-ends over the next few weeks. If you experience cloudy water (entrapped air), please flush your lines for a minimum of five minutes. Please contact the Office should you have any questions.



**Flushing = Clean,
Treated Water.**

Tap Water Vs. Bottled Water



Remember the days when a drinking fountain was your free source of H₂O? It seems like a quaint memory now. Today bottled water is everywhere...offices, airplanes, stores, homes and restaurants across the country. It's a refreshing, calorie-free drink which is convenient to carry around, considered to be tastier than some tap water and is a healthier option to sugary sodas. But lately, people are questioning whether the plastic bottle and its contents are safe. Some are also questioning whether the convenience is worth the impacts to the environment.

When thinking about water conservation, we should think deeper than simply conserving at home. We need to consider how much water it takes to produce items we use every day... like bottled water.

Did you know that it takes three liters of water and one liter of oil to produce one bottle of water?



Four out of five water bottles will never make it into the recycling stream because they end up in our landfills. So when you reduce the amount of bottled water you purchase, you have a positive impact on the environment and your finances. You're also helping to conserve water.

When looking to cut back expenses, ask yourself how much money do you spend a month on bottled water? At a whim, many Californians pay \$1.00 or more for a single 20 ounce bottle of water which easily adds up.

Here are the top 5 reasons why choosing tap water is better than buying bottled water:

- ◆ Tap water is better for the environment.
- ◆ The Safe Drinking Water Act protects tap water by maintaining strict drinking water standards.
- ◆ Tap water is a local resource. Ours is from the clean waters of Whiskeytown Lake.
- ◆ Bottled water doesn't always mean better taste.
- ◆ Tap water is much cheaper than bottled water. Typically bottled water is sold for approximately \$6.00 a case which includes 40 - 16.9 ounce bottles. This is \$.15 per bottle. In comparison, Centerville charges \$1.33 for 748 gallons, which is the equivalent to nearly 5,700 16.9 oz water bottles. At that price, you could fill a 16.9 ounce reusable bottle with tap water every day for the next 15 years!

40 Bottles of Bottled Water = \$6.00

5,665 Bottles of Tap Water = \$1.33

The next time you're on your way out the door, reach for a reusable bottle of water filled from the tap. Save yourself some money, help the environment and also help us all by conserving this precious resource!

SCHEDULED BOARD MEETINGS:

The next scheduled Board of Director's Meeting will be held **Wednesday, August 16th at 7:00 pm.**

The public is always welcome.

Average Water Usage for the month:

Compare the usage on your water bill with the average of the District.

July's Average: 6,200 cubic - feet.