

## **Perryville Water Treatment Facts:**

The Town's water treatment plant filters and treats an average of 350,000 gallons of water per day drawn from the Susquehanna river (128 million gallons per year). The facility is staffed and operates 10 hours per day 365 days per year. The Perryville water plant is a class 4 membrane treatment facility which is one of the highest levels of treatment defined by MDE regulations.

The US Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE) are the two primary regulatory agencies providing drinking water regulations to ensure water is safe for consumption. The Town currently spends over \$20,000.00 per year on laboratory testing and laboratory supplies to demonstrate regulatory agency regulations are met and to ensure the water is safe for consumption. The water plant currently has an FY 2021-22 operating budget of 1.39 million dollars.

The operating staff are required by MDE regulations to pass a class four water operator certification examination after three years of training and be licensed to operate the water treatment facilities. The superintendent must also have taken additional specific training before being issued a superintendent license. The Superintendent and operators must complete on-going training during three-year periods for license renewal. The superintendent and staff have a combined 85 years of operating experience.

Treated water is stored in two elevated water storage tanks consisting of a one-million-gallon tank located near the Hollywood Casino property and a one half million-gallon water storage tank located at the Perryville Travel Plaza on Rt 222. Perryville currently has 3.2 days of water in storage for fire protection and in case of an emergency that would cause the loss of daily water production.

Contaminates are removed by the treatment processes and continually monitored in the finished water production. The Town is required by EPA to provide a detailed annual Consumer Confidence Drinking Water Report (CCR) to the users on the Perryville water distribution system.

## Perryville Wastewater Treatment Facts:

The Town's wastewater treatment plant treats an average of 500,000 gallons of sewage per day generated by the Town and the Perry Point VA Facilities during dry weather events. (183 million gallons per year). The facility is staffed and operates 8 hours per day 365 days per year and is continuously monitored via the internet and scada system communications. The Perryville wastewater plant is a class 5,A tertiary treatment facility which is one of the highest levels of treatment defined by MDE regulations for domestic wastewater treatment.

The US Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE) are the two primary regulatory agencies providing wastewater regulations to ensure the effluent water discharged to Mill Creek meets permit discharge requirements . The Town currently spends over \$35,000.00 per year on laboratory testing and laboratory supplies to demonstrate regulatory agency regulations are met and to ensure the effluent discharged is in regulatory compliance. The wastewater plant currently has an FY 2021-22 operating budget of 2.34 million dollars.

The operating staff are required by MDE regulations to pass a class 5,A wastewater operator certification examination after three years of training and be licensed to operate the wastewater treatment facilities. The superintendent must also have taken additional specific training before being issued a superintendent license. The Superintendent and operators must complete on-going training during three-year periods for license renewal. The superintendent and staff have a combined 68 years of operating experience.

The Town has received a \$60,000.00 grant from MDE for the last five of six years for meeting the requirements of enhanced nutrient removal by reducing total nitrogen and total phosphorous in the effluent discharge below discharge permit parameters.

MDE is in the process of awarding the Town a 4.8-million-dollar grant to upgrade the wastewater facilities to further reduce total nitrogen in the effluent discharge which will further help reduce pollution to the Chesapeake Bay.