

## Water Source Supply Change

### New Jersey American Water Supply Offline May 1<sup>st</sup> 2024

Each year the Mt Laurel Twp MUA (MLTMUA) supplies water to our customers that comes from multiple supply sources to meet all water system supply needs. The sources of water are managed through direct state permitting related to the operation of our own facilities, as well as Purchase of Water contracts for the supply of water from Willingboro MUA (WMUA) and New Jersey American Water (NJAW), with each one with unique requirements which impacts the volume and timing of water from respective sources.

The supply source from NJAW allows for the delivery of water into the MLTMUA water system from October 1<sup>st</sup> until April 30<sup>th</sup> each year. It is the supply of water from NJAW that will stop, all water system demand is satisfied by using our own water sources as well as WMUA from May 1<sup>st</sup> through September 30<sup>th</sup>. This supply of water from NJAW will return to service on October 1<sup>st</sup> 2024.

When supply sources change there are possible changes in the taste and odor of the water delivered as the water you utilize could now be from another source of supply depending on the time of year, but all water delivered to our customers meets or exceeds all State and Federal standards.

One of the most prevalent comments is related to chlorine (i.e., chemical taste/odor) when a change in supply source is made. The reason for the change in water quality geographically is due to the location of the sources being utilized (Point of Entry, or POE) which impacts where the delivery of water into our system occurs and based on a customer's location in relation to the POE, the source of water could change.

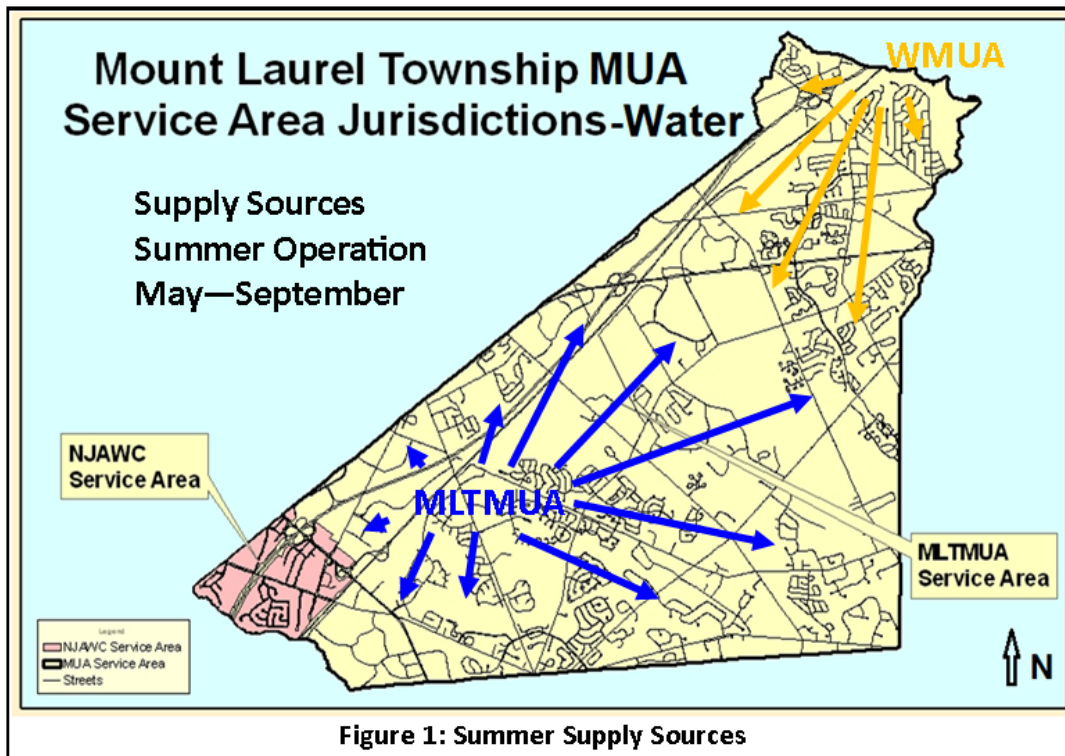
Below is additional information that we normally included in our [Consumer Confidence Report \(CCR\)](#) that provides more detail about the supply of water in our system. If you are looking for more detailed information about our water quality, please check out our water quality section and our recent CCR to see the water quality for each of the sources of supply we utilize.

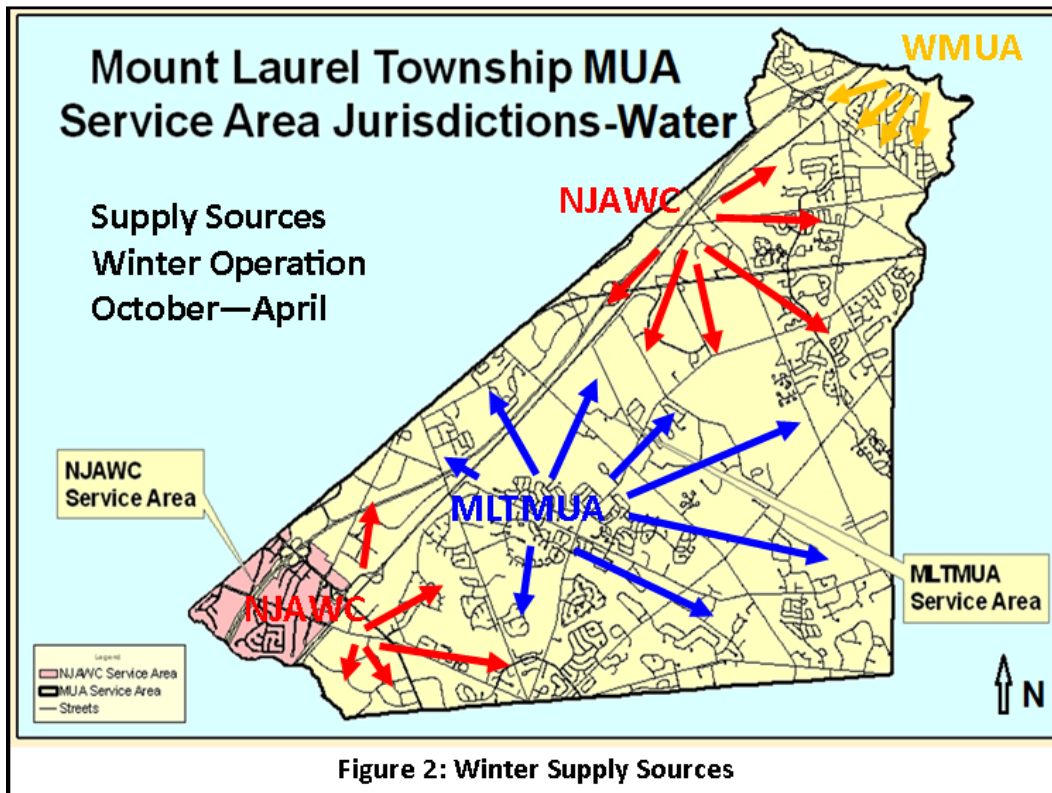
We wanted to make our customers aware of this change in water supply sources as this could impact our water's aesthetics, and if you experience any issues and would like to speak to someone about your water quality, please contact us at your convenience for assistance.

## Where Does Your Water Come From?

Every day we deliver an average of 4 million gallons (MG) of water to the community of Mount Laurel, with the addition of outdoor summer use reaching as high as 10 million gallons in one day. However in 2023 the peak use day was 7.1 MG thanks to our customers following our Water Conservation Program. Total water delivered in 2023 was 1.46 billion gallons. Water is provided into our distribution system via several sources: Mount Laurel MUA's (MLTMUA) Elbo Lane Water Treatment Facility & Aquifer Storage & Recovery Facility (ASR), and by purchasing treated water from the Willingboro MUA (WMUA) and New Jersey American Water Company (NJAWC). We manage these sources to meet our customers' water needs while complying with all regulatory and contractual requirements.

The volume of water we are permitted to pump from our own water treatment plant during any given minute, month or year is strictly regulated by the NJDEP. In 1995, the NJDEP severely and permanently reduced the permitted annual pumping capacity of our wells to a quantity far below what is needed to service those in Mount Laurel. Consequently we must augment our well water supply with other sources, as previously mentioned. In 2023, those sources were the WMUA and the NJAWC; however we continue to pursue alternate sources of water on behalf of our customers.





As mentioned above, your drinking water comes from a blend of sources which varies by time of year (Figures 1 & 2). Due to the number of water supply source locations, interconnectivity of our distribution piping network and relative complexity of our purchase agreements, we are unable to definitively determine from which supply source you receive your water. You should assume that your water comes from a mixture of the sources detailed within this report.

The water supplied to our water treatment facility on Elbo Lane is pumped from three deep (600-700') wells within the lower Potomac-Raritan-Magothy (PRM) aquifer. Our water treatment facility is equipped with a mixed media filter system including pH adjustment, chlorine disinfection and fluoridation. In 2004, we converted a 4th well from a direct supply source to an underground storage source using ASR technology. Since water entering the ASR is already treated prior to storage, it does not require full retreatment when recovered, only pH adjustment, re-chlorination and fluoridation; however if necessary, we have the ability to send the recovered water through our Elbo Lane Plant. We use the ASR facility to augment supply in the warm weather when customer use increases. WMUA obtains all of its water from the PRM aquifer and operates several water treatment facilities. NJAWC supplies water to our distribution system from three sources: surface water from the Delaware River Delran Plant (majority of our purchase from NJAWC), and ground water from the PRM and Mount Laurel-Wenonah aquifers. All water is distributed to our customers via our 200+ mile underground piping network (distribution system).