



Superintendents Report for August 15th, 2023 Meeting

1. Monthly required TC samples were taken on 8/8/2023 with all results being TC -. The average Total Chlorine within the distribution system at the time of TC collection was .43 ppm. 3rd Quarter disinfection byproducts were also taken on 7/11/2023. The 20 Tri annual lead and copper samples were collected with lab results sent to the NHDES. Individual results have been sent to the customers at the sample locations and certification form has been submitted to NHDES. All 20 samples were in compliance with the current LCR (lead and copper rule) requirements.
2. Berry Hill Estates Update – All water meters have been set with service to all locations active. This project should be coming to a close and we will need to perform a final inspection in order to verify operations of all gate valves within this project
3. 2023 Cross Connection – First round for 2023 has been completed and we will be starting 2nd round testing of RPZ's along with all PVB's (Pressure Vacuum Breakers) associated with irrigation systems. PVB's have never been inventoried or tested prior to our irrigation policy change.
4. We were notified by David Miller via email on August 4, 2023 that MWW is seeing signs of nitrification throughout their system. In response to not seeing the desired improvement of cycling tanks and removal of aged water, MWW is planning to convert to Free Chlorine on Monday, August 14, 2023. We have posted this notice on the website and have also posted an alert. We will start bleeders at the end of the system to assist with removal to monochloramines and the introduction of free chlorine.
5. Irrigation meters have been read and the first bills for irrigation only went out the week of August 7th. 130 irrigation customers exist for the first-round billing. 130 bills for a total of \$30,445.02 with 5,664,264 gallons of water consumed for irrigation billing cycle.
6. The 6" tie in on the existing 8" AC water main has been completed with the 6" service installed onto the property. The water service has not been completed at this time however everything has been inspected to this point by CHWP. The tie in consisted of shutting the 8" AC down which impacted 20 customers. All customers were notified 72 hours in advance.
7. Wright Pierce has started on the work for the lead and copper inventory per the grant agreement. We have provided all service location information from our data base as a starting point and Josh is working with the team to fill in any blanks and questions that arise thru the process. This work is being coordinated thru our existing GIS attributes with the attributes being expanded and place on the actual service line rather than the Tax Map and Lot as it currently is. This will be a positive in many ways

since the information moving forward will be an attribute of our distribution system and not of the lot.
Nothing new to report on this item since it is ongoing with Josh continuing to work with Wright Pierce.

8. We had an issue with a blown panel board in the office chart recorder for the flows from Zapora Road. Since we no longer use or need the chart recorders since all the information is compiled daily thru Pro Control reporting, we decided to have NEISA remove the chart recorders and we were able to relocate the signal to existing LCD displays not being utilized in the old control panel. This allows us to still have a visual display of flow from Zapora interconnect, and tank elevation from the Rt 27 that were displayed on the old chart recorders. We also had tank calibrations done at the same time since they have been off and not accurate on the displays since I have been here. They were accurate within the Pro Control units but not on the office displays.

Respectfully Submitted,
Christopher R Culberson
Superintendent