



Superintendents Report for June 20th, 2023 Meeting

1. Monthly required TC samples were taken on 6/5/2023 with all results being TC -. The average Total Chlorine within the distribution system at the time of TC collection was .65 ppm. 2nd Quarter disinfection byproducts were also taken in April 2023 as required by the master sampling plan of NHDES and now that we have Chlorine Residuals for June we can complete and submit the 2nd quarter report. Non-compliant water analysis samples for nitrate, nitrite, and ammonia were also collected.
2. Berry Hill Estates Update – The foundation is in for 5 and framing is underway. Once the meter is set at 5 this will finish out the project with all meters installed and all service lines activated. Final paving has completed on all roads except for Magnolia and the top half of Shaker Hill Road.
3. Marmon Aerospace – 18 Legends Drive – Fire line is active at the request of the fire department and domestic service line is still off with no meter set
4. 2023 Cross Connection has started with first round backflows being tested. Backflows for the month of January Through June have been completed and are currently working on July device testing. Backflows are being billed as the testing is completed. Testing of PVB’s for irrigation are underway which have never been tested before and is happening under the new irrigation meter policy.
5. We continue to monitor the interconnections and the residuals slowly continue to improve. As we start to go into our summer month water usage, we are already looking at the Granite Hill pressure zone and monitoring the residuals in this area. We are seeing a drop off of residuals already in the portions of the system that has large water mains with little usage and started to turn water over on Wednesday June 14th by running the fire hydrant at the end of Northumberland at a flow rate of 60gpm. This will assist in getting rid of the aged water with the introduction of newer water with a greater chlorine residual in a proactive manner to assist with late summer issues which has been a problematic trend of the past.
6. Irrigation conversions have dramatically slowed down and it is of my opinion that those who have chose to do so have and those who have not will either at a later date or not at all.
7. MWW has confirmed that as of now they will not be flushing their system this year. Based upon their decision not to flush, it will impact any ability to flush our system at the required velocities. A consecutive system such as ours should always flush after the supply (MWW) has flushed so the source water is clean. If you attempt to do so without the source water being flushed, you take a big risk of pulling dirty water thru the interconnections into our own system and not a risk I am willing to take with the issues that have occurred in the past. I did take the liberty to inform Mike Unger of NHDES of our

intentions in a proactive manner as the summer continues on. I am planning on moving our sampling for noncompliance samples of nitrite, nitrates and ammonia to the middle of the month in lieu of the first of the month along with taking another round of HPC samples so that we can try to forecast water quality ahead of our monthly required TC samples. *Nothing new to report on this at this time and the previous notes were generated for the May meeting*

8. Betty and I have been working together to prepare all information and reports for the 2022 annual audit. The first day of the Audit is June 16th and then will be back on the 22, and 23rd. I will have some forms and questionnaires that will need to be filled out and signed for the meeting.
9. I have been in recent conversations with Bob Grondin of Summit Excavation who is working at the 6 unit development on Marting Ferry Road about bringing water to this site. He is in the process of providing piping material submittals for CHWP review.
10. A TRC meeting has been conducted for 1385 Hooksett Road which has been approved by the planning board for an allowable mix use off commercial and residential. This mix use consists of 30 town house residential units withing 4 different buildings along with 10000 square feet of commercial use. The intent is to rent the townhouse units at this time. There is a strong possibility that the town house could be individually sold in the future. I have placed this on the agenda for this meeting since this is a unique proposal and have concerns after the TRC meeting.
11. 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.
12. Final CO has been signed by CHWP for Season Market.

Respectfully Submitted,
Christopher R Culberson
Superintendent