



Superintendents Report for July 16, 2024 Meeting

1. Monthly required TC samples were taken on 7/8/2024 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was .424 ppm. 3rd quarter disinfection byproduct samples were also taken and we are waiting for results which will be submitted to NHDES. We are seeing the start of nitrification from MWW at the Zapora Road interconnect and I reached out to Dave Miller on June 24th to inform him of the low Chlorine Residuals we were seeing. The chlorine dose was increased last week and we will continue to monitor in hopes of improved residuals at the interconnect from MWW.
2. Berry Hill Estates Update – project is complete and the contractor will be requesting release of remaining bonds. Josh heard second hand that they are planning on removing the temporary field office/demo unit which has a water service installed to I but I have not formerly heard this. This will require that the service line be abandoned at the main. The town engineer and building inspector are aware of this requirement and nothing has been completed to date. *No movement has occurred to date on this item*
3. 2024 Cross Connection – First Round backflow testing has been completed and we have started on testing all irrigation PVB's. PVB testing will be ongoing thru the summer with second round backflow testing to be scheduled the start of August. Ongoing at this time.
4. 7 Martins Ferry Road – Summit Excavation has Finished the water main into the building and has passed both the hydrostatic and bacteria tests which were witnessed by myself. The water main is in service and the domestic service lines have been run into the buildings. Nothing new to report on this for the month of July.
5. Wright Pierce has submitted all the data for the lead and service line inventory to NHDES to review in the required format and the good news is that NHDES made the statement that all the data looks solid and in good shape in the format submitted. NHDES has gotten back to CHWP with the final data required in an approved format and we are working to finish up the inventory data for final submission. We have a meeting set up with Heather Baron of NHDES and Wright Pierce for August 1st to review all data prior to final submission of the LSLI data.
6. Cawley Middle School has been experiencing issues with 2 out of the 3 of the booster pumps that service the school. Although we do not own anything at this booster station, I have been assisting Dean Farmer and Smith Pump to help identify the issue and get the situation resolved. Issues in ongoing and Dean is awaiting pricing from Smith Pump. I will stay in communication with Dean. Nothing further to

report on this location since the school is working with Smith Pump on the issues. Pump 3 is operating fine with pumps 1 and 2 still in the same condition as reported last month. *Nothing new has been done or completed from the last update.*

7. Park Place (Hooksett Road) – Water main has been installed on the private property and the fire service and domestic services have been brought into the 3 buildings currently erected. All permit applications and fees have been received and the live tap on Hunt Street was complete on June 19th. The water main has passed hydrostatic testing and bacteria tests and is ready to place in service. No water meters have been set at this time.
8. Irrigation conversions continue to come in as customer prepare for summer irrigation
9. Received plans and attended a TRC Meeting for 49 Thames Road (former proposed bus parking lot) for a 16-unit apartment building which is the same property as 47 Thames Road (Ridgeback Storage). Working with the applicant on water connection details and there will be one 2” meter for the complete building of 16 units. The water service for 49 will continue off the private line to 47 with the private hydrant at 47 being reset after the tie in. *Nothing new to report at this time*
10. Mike with Flow-rite was onsite Wednesday April 17th to inspect all PRV’s and verified all set points. The main seat for the interconnect to the HVWP is leaking by in the closed position and needs to be replaced. The seat has been ordered and when it comes in Mike will return to install. Waiting at this time for the parts to come in for the main seat for the HVWP interconnect. *Waiting for repair parts to arrive.*
11. Chris Berg of Wright Pierce will be working on a proposal to review the Oak Hill Tank based upon the most recent Tank Assessment and the recommendations of recoating the interior and exterior of this tank. I have also asked Chris to take a look to see if there is any benefit to looping the water main at Hooksett Road and Zapora Road to see if there is any benefit to our system by doing so. *No updated information at this time to share with the board*
12. I had a preliminary meeting with Chris Rice of TF Moran for a conceptual addition and information gathering for Block Party Social located at 51 Zapora Road. The owner is looking into the feasibility of putting on an addition in the front for a German Style Go Kart Track with very little if any impact on water usage. It is too early to determine but there may be bathrooms proposed and that is it. *Nothing new to report at this time.*
13. All work for Hooksett Road paving is complete and gate valves are at finish pavement grade.
14. The Town of Hooksett issued a permit to demolish and replace the house at 1 Cemetery Road without any discussion with the CHWP and demo started without our knowledge. When we did receive the dig safe request, we marked out the water service and I sent an email to the contractor request that the water be turned off and the meter removed prior to the foundation being removed. Owner/Contractor took it upon themselves to turn the water of at the curb stop which is not allowed and I informed the contractor never to do it again. The line for this house is fed off of the Martins Ferry Cemetery line which is Galvanized. Since there is a new house being built at this location, I will be requiring the owner to install a separate service line for this property.

15. I have received a request for a change of use for the Merchants Property located at 1256 Hooksett Road. The initial calculation provided do not appear to be accurate for the projection of ADD (Average Daily Demand) for the new use at this location of vehicle washing. The existing vehicle washing will be moving from the service area and car wash area to this location and we are working with the applicant at this time to determine actual ADD. CHWP provided all information to the applicant as requested and they are working on their final submission for the change of intended use and will update once we have received that information.
16. New meter and radio were set at 1 Skyline Drive within Manchester Manor in the new unit that was installed after the existing unit was destroyed by fire. Since the old meter and radio could not be retrieved due to fire damage, Manchester Manor has been billed for the old meter and radio along with the cost of the new ones.
17. AQUEOUS INFRASTRUCTURE MANAGEMENT was on site Tuesday July 9th to inspect and clean the Oak Hill Tank and Cawley Middle School Underground Storage Tank. Tank cleaning occurs on a 5-year basis and there was a small amount of sedimentation at the bottom of both tanks that was normal and cleaned. Formal reports will be prepared and we should see them in a few weeks. Once we have the inspection report from Oak Hill Tank our contractor will then provide recommendations based upon their inspection of tank condition and rehabilitation should we find out thru Wright Pierce that rehabilitation is the way we should go.
18. At the request of the Town Planner a meeting has been set up for July 22nd with a possible applicant that are looking to possibly develop 300 homes off of Thames Road. At this time, I have no details to provide and will present any and all information to the board after the meeting.
19. Northeast Record Retention will be on site Friday July 19th to perform mobile shredding of all the documents we have in the basement that can be destroyed based upon our approved record retention plan. I have also informed Hooksett Village Water since they have documents stored in our basement as well and they will review and purge and or remove their documents at the same time and take advantage of the service while on site. They will bear any cost for the documents they choose to have shredded.
20. 2nd quarter meter reading was completed the third week of June with water bills being generated and out in the mail for a July 1st billing. Meter Read Manifests and Billing Manifests for 2nd quarter are prepared and will be presented for signatures at the meeting.
21. The owner of 310 Londonderry Turnpike has a potential buyer for the property and has put in 2 waiver requests for the planning board for a meeting Monday evening to add two apartments to this building. The existing use is commercial use and has a single ¾" water service feeding the building. The planning board waiver requests being presented would make this a multi-use property (if approved by the planning board) and would require significant improvements of water line services. I provided a memo outlining what would be required by the CHWP as requested by the Town Planner and will provide further information at the meeting.

Respectfully Submitted,
Christopher R Culberson
Superintendent