



Superintendents Report for August 20, 2024 Meeting

1. Monthly required TC samples were taken on 8/12/2024 with all results TC-. The average Free Chlorine within the distribution system at the time of TC collection was .476 ppm. 3rd quarter disinfection byproduct samples were also taken and results have been submitted to NHDES. Manchester Water Works converted to Free Chlorine on Monday August 5th. We flushed the endpoints of our system starting on August 6th and finished around the end of the day August 8th in preparation for taking August TC samples on Monday August 12th. I did inform Mike Unger of NHDES of our plan prior to taking monthly required TC with the commencement of the Chlorine Conversion and he was in agreement.
2. Berry Hill Estates Update – project is complete and the contractor will be requesting release of remaining bonds. The service line to the old Job Trailer/Demonstration unit has been removed and the corporation turned off at the main. Contractor was on site to do so and pictures were collected to verify this work was completed.
3. 2024 Cross Connection – First Round backflow testing has been completed and we have started on testing all irrigation PVB's. We are currently 60% thru all PVB testing and will continue to do so thru the rest of this month and September. 2nd Round backflow testing will start to be scheduled during the month of September.
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. The contractor reached out to verify what is being required for meter horns and framing of the building is currently underway.
5. We had a meeting with Heather Baron of NHDES and Wright Pierce on August 1st to review all data prior to final submission of the LSLI data. Since I was not available Josh took part in this meeting and NHDES stated that it appears we are in very good shape with the information we have prepared. We are currently finishing up to identify any unknowns for material class in order to make the final submission.
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. CHWP will no longer be completing Routine weekly station checks

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at this location once the School District has been issued their PWS # for the newly classified Privately Owned Redistribution System.

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. The water meter has been installed at 5 Megway Court and the plumber is currently installing the meter at 3 Megway Court. Each building has a 2” backflow preventer installed on the fire service and these devices are installed and have been tested and passed. The irrigation meter was set for 5 Megway Court or planting irrigation. Water Main is now active to the property.
8. The meter and radio were set at 14 Hunt Street which was the last single-family home built as part of the original 6 new house.
9. Irrigation conversions continue to trickle in.
10. 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*
11. Mike with Flow-rite was onsite Thursday August 8th to install the new seat ring and main seat for the flow control valve at the interconnection for HVWP. Mike had verified with the manufacturer that the seat was stainless steel prior to coming out however once he had the valve apart it was found to be a bronze seat in lieu of stainless steel. Mike will be back on-site Friday August 16th with the bronze seat to finish the rebuild of this valve.
12. 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. I had a phone call with Chris and stated we needed this information and I am hopes to have it soon.
13. 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.*
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. Received a phone call from Kevin Sharp the contractor this week and plan to meet on site to discuss options for the new water line.

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. The applicant has installed a temporary meter at their facility to determine the actual water usage for this new proposed facility and we will collect this information for a 4-week period to determine the actual water usage. This is need to determine if the existing 1” line is adequate or needs to be upgraded.
16. 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. Reports from the tank cleanings are presented with this month’s documentation for the boards review based upon their findings.
17. I attended a meeting with the proposed developer for a housing project off of Thames Road with a proposal of 600 plus multi family buildings. I explained to them that is all private than that once they have the conceptual plans completed, they would need to be submitted to our consulting Engineer Wright Pierce for comments and review and all cost of any improvements would be at the cost of the developer. I also stated that they would have to submit to NHDES as well.
18. Northeast Record Retention was 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. Hooksett Village Water also took part in this process while they were on site and have been billed by the number of boxes they had shredded.
19. First round meter reads for irrigation bills were completed and went out in the mail the first part of August. Meter Read Manifests and Billing Manifests for 2nd quarter are prepared and will be presented for signatures at the meeting.

Respectfully Submitted,
Christopher R Culberson
Superintendent