



Superintendents Report for April 15, 2025 Meeting

1. Monthly required TC samples were taken on 5/5/2025 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was .71 ppm. 2nd quarter disinfection byproduct samples were taken on 4/2/2025 as required by our Master Sampling Plan and results have been submitted to NHDES.
2. 2025 Cross Connection – First Round Testing started on Thursday March 6 and we have completed 213 tests out of 257 devices to be tested in round 1. All completed tests have been billed out at 50.00 per test for a total billing to date of \$10650.00. We will start test irrigation cross connection devices after Memorial Day Weekend when the majority of the irrigation systems will be up and running
3. Park Place (Hooksett Road) – 3 of the 4 meters have been set for the multi – unit residential buildings on the back side of this property. Awaiting appointment from the plumber to set the 4th meter. There is a separate water main for the commercial building in the front which has been completed and hydrostatically tested and passed. This test was witnessed by CHWP. New Era Excavation informed us that the water line will not be activated until the spring time since a redesign of the architectural aspect of the building is underway. The main and private hydrant will not be activated until spring time at which time the main will be chlorinated and a bacteria sample taken prior to activation. The riser entering the building will be pumped down of any water to prevent any damage from freezing over the winter and the private hydrant will be bagged “Out of Service” *Nothing new to report.*
4. Site work has started for the 16-unit building being constructed at 49 Thames Road. Installation of water main extension will not start till spring time. *No activity currently at this location*
5. The application for BNR 55+ on Thames Road has been withdrawn and the developer is looking at revising their submission for single family homes.
6. I attended a TRC meeting on Monday 9/9/2024 at 1271 Hooksett Road. This is the K Mart Plaza where Brady Sullivan is proposing additional outside storage, a satellite coffee shop in the parking lot off of Londonderry Turnpike, and a drive-through restaurant in front of the parking lot. These plans were shown to the board at the last meeting and I have attached a set in the packet for this month. Water service to the satellite coffee shop is straight forward and the water service to the drive thru restaurant will have to be modified from the plans presented since they will need a fire service separate from the single domestic service shown since the fire department is requiring automatic sprinklers. *This project has been approved by the planning board and appears to be moving forward. I will be meeting with*

Tim Rollins of Hooksett Paving to discuss onsite excavation work to the existing buildings within the next few days.

7. 310 Londonderry Turnpike – The work at this location is complete and we still have not received the moneys to be placed into ESCROW for the 2nd approved unit. This unit is currently not occupied, and I have informed the town not to issue the CO until money has been received. It appears that a CO has been given without the requirements of the CHWP being met. I am currently in the process of getting to the bottom of what happened so I may inform the commissioners with the correct information. *I will update the board under old business as stated on the agenda.*
8. The 2024 Audit – Awaiting draft report from the auditors.
9. While checking Granite Heights Booster Station before backflow recertification on February 24th, I found the mechanical seals for BP1 and BP3 significantly leaking. Although it is not uncommon to have a mechanical seal start to leak but usually not 2 at once. Seal failure is normal on end suction booster pumps as the mechanical seals wear over time. This is the first time we have had this occur at Granite Heights Booster Station in the 4 years I have worked here. Richardson Electric was out to look at a fault code in one of the VFD's at this station and found that the VFD had an internal issue and needed to be replaced. These VFD's are over 20 years old and have seen the useful life. We have had similar issues with a second VFD at this station with a similar error code and it could be a sign that the VFD is starting to go as well. Richardson Electric has ordered a replacement for this one as well. BP1 was removed first since it was leaking the worst and taken to Eastern for repairs. *Booster Pump 3 is back and reinstalled. 2 pumps are now back up and running and we are currently waiting for Richardson Electric to return to finish their end of the electrical work to have all 3 Booster Pumps back in service. No further updates at this time as we are waiting for the electrician to come back.*
10. Late penalties for Quarter 1 billing were applied on Monday May 12, 2025. 173 customers were issued late penalties at \$35.00 for a total amount of \$6055.00.
11. Reagan Meter testing was on site April 16th to test the interconnect meter for the Hooksett Village Interconnect and the Master Meters for Granite Brook Mobile Home Park and for Manchester Manor. The Village interconnect and Granite Brook Mobile Home Park are both within the approved tolerances for flow ranges. The Manchester Manor meter had never been tested since it was installed in 2016 so I had a new UME installed so that it would register accurately and the old UME has been shipped out for testing. Large meter testing is something that this department has not done in the past and is required to be done on an annual basis for meters 4" and larger. We will continue to do this on an annual basis. I also had them look at our booster stations to see what needs to be done to test these meters in the future as well. Although we are not required to report values from these meters, we use the numbers on a daily basis for internal reporting and we should make sure they are reporting accurately. These meters have never been tested in the past as well.
12. Site improvements and additional cabins have been approved by the Planning Board for Eagles Nest at 1501 Hooksett Road. The proposed improvements include connection to Water and Sewer. The connection to water is shown on UT-1 plan which is in a moratorium state paved road. I have also attached the easement deed for this property of where the 12" water main for The Villages at Granite Hill runs across their property. I will discuss this further under new business at the meeting.

13. We were informed that Lindsay Road will be reclaimed and paved this year as part of the Town of Hooksett Paving Plan. Advanced Excavation and Paving will be completing the work and will be responsible as part of the contract to lower and raise all utility structures. We will provide new gate box tops and covers and will coordinate with Advanced as this work is being completed.

Respectfully Submitted,
Christopher R Culberson
Superintendent