



Superintendents Report for June 17, 2025 Meeting

1. Monthly required TC samples were taken on 6/3/2025 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was 1.10 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 and 2nd DBP report has been submitted to NHDES.
2. 2025 Cross Connection – First Round Testing started on Thursday March 6 and we have completed 249 tests out of 257 devices to be tested in round 1. All devices for round 1 have been tested with the remaining tests conducted by an outside vendor with results forwarded to CHWP. 40 Irrigation Cross Connection devices have been tested to date.
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” *The last meter was set in the residential building portion of this project on 6-4-2025.*
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. 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. *A Pre-Construction meeting has been scheduled for this project for Thursday June 12th. Contractor started removing pavement however was shut down by the Town of Hooksett due to lack of proper documentation.*

6. 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.*
7. The 2024 Audit – Awaiting draft report from the auditors.
8. 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.*
9. Curb box repairs need to be completed at 28 Whitehall Terrace and 10 Monroe Drive. We will be coordinating these repairs for the same day so that new rods and boxes can be installed in order to operate the water shut off.
10. Meter Reading will occur on Friday June 20th for quarter 2 so that bills can be in the mail by the first of July.
11. 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. *A Pre Construction meeting was held for this project on Thursday June 5th however I was not able to attend due to previous commitments.*
12. 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. *No updates to report at this time.*
13. Mike Hunchard from Flow Rite was on site on Monday June 2nd to provide maintenance service on all the pressure reducing and flow control valve within our distribution system. You will find the summary of the maintenance below.

Valve Maintenance Summary by Flow Rite

- The 6" Ross at River Road was checked. All valve ports were flushed. The valve setup currently energizes the Asco solenoid and the valve travels full open. The pilot, at this point, is not able to function. We feel that it can be taken off and eliminated.
- The 6" Ross at Zapora was serviced. The Asco 035 solenoid was rebuilt. The pilot was tested and set at 72 psi. It is open/close via the Asco solenoid. However, the pilot dictates the operating pressure.
- The 6" Ross at the interconnection was serviced and tested. It is set at 42 psi.
- At Rt. 27 tank 6" OCV, the control solenoid was replaced with the on hand spare.
- Manchester manor 4" OCY was checked and is online running good. Next year, we will need to isolate it to check the valve polls and test the pilot. (Manchester Manor has been invoiced for this portion of the days work)

We will order three spare solenoids (one each for River Rd., Zapora, and Rt. 27).

14. Josh and I installed a directional cell antenna at the Berry Hill Pump Station. The cell coverage is marginal at this location and we have experienced times of lost cell coverage for daily reporting and alarms. This area has week cell coverage and we have noticed and improvement and will continue to monitor and adjust accordingly for best coverage possible.
15. I attended a Leadership Summit in Meredith NH on Thursday June 5th in which I received 5 hours toward the renewal of my water operators license. This was a very good experience to spend time with other managers in our industry within the State of NH along with regulatory individuals of NHDES. This is the second annual Leadership Summit put on by the NHWWA and I would highly recommend attending again in the future.
16. 15 Irrigation Meter Application have been received for 2025 with 4 being new installations and 11 being Irrigation Conversions with customers with old deduct meters.
17. Since our last reading cycle we have sent out 17 meter repair letters for meters that have no longer been reading resulting in the estimates of reads for billing. 15 of 17 have been repaired and will continue to repair non reading water meters as the occur.
18. The 2025 Consumer Confidence Report is complete for the 2024 reporting year and has been sent to NHDES for review and has been accepted. A copy has been sent out to all private locations for distribution which include Sun Community, Villages of Granite Hill, Granite Brook Mobile Home Park, Manchester Manor, Cawley and Underhill Schools ad Granite Heights. The CCR has been posted to the website and a note will be placed into the 2nd quarter bills to inform customers it is available and where to find it.
19. The final draft of the 2024 audit has arrived from Plodzik Sanderson and Denise will be presenting that to the commissioners for review and signatures of the governance letter that is required for the final draft. Please be prepared to inform Denise of how many copies of the printed summary the p

Respectfully Submitted,
Christopher R Culberson, Superintendent