



Superintendents Report for July 15, 2025 Meeting

1. Monthly required TC samples were taken on 7/1/2025 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was .632 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. The average Total Chlorine dropped significantly since last month and we are seeing signs of nitrification within our system from the source water of MWW. We will monitor closely.
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. 104 Irrigation Cross Connection devices have been tested to date out of a total of 406 devices.
3. Park Place (Hooksett Road) – The 4 residential building on Megway Court are complete and active. No further work has been completed on the front commercial property at this time.
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. 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.*

7. 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. This work was completed on Wednesday July 2nd.
8. 2nd Quarter Bills were completed and placed in the US Mail on Monday June 30th.
9. 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. *Nothing to update for this meeting*
10. 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.*
11. 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.
12. 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 and 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. Regulatory requirements for this item have been completed for 2025.

Respectfully Submitted,
Christopher R Culberson, Superintendent