



### Superintendents Report for March 18, 2025 Meeting

1. Monthly required TC samples were taken on 3/10/2025 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was .944 ppm. 1st quarter disinfection byproduct samples were taken on 1/3/2025 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 with appointments scheduled throughout March and April
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 4<sup>th</sup> 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. **Nothing new to report**
5. 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 hoping to have it soon. ***Nothing new to report at this time and still awaiting proposal***
6. I attended a meeting with the proposed developer for a housing project off of Thames Road with a proposal of 600 plus multifamily 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 had a meeting with the new Town Planner Grant McGregor on Tuesday 9/10/2024 and there are many issues with this proposal before the need for water is even discussed. Proposed developer is required to go to Zoning Board prior to planning board to obtain a variance for an

approved use. I was asked by Dana Pendergast (code enforcement officer) if water was available. I simply stated that under our current contract with Manchester Water Works the answer would be no and the developer does not want to spend the money yet to send the plans to Wright Pierce for a complete evaluation. 55 and older communities requires 200 feet of public access and the proposal does not have public access, only private access off of Granite Hill. Water could come from CHWP or HVWP depending on what the town approves and where access is granted from. Much more work needs to be determined prior to a commitment of providing water. *No new information to report on this location at this time however I did have a conversation with Dana Pendergast at one of our coordination meetings and he stated he was encouraging the application to withdraw their application at this time so they can provide more information and proper planning. Dana did not provide any feeling if they were going to withdraw or not at this time.*

7. 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. *Nothing new to report at this time.*
  8. 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 2<sup>nd</sup> approved unit. This unit is currently not occupied, and I have informed the town not to issue the CO until money has been received.
  9. Major PM's have been completed on all generators. The starter on the generator at the office was bad and has been replaced and it was found that the airbox for this generator is damaged and needs to be replaced and I am currently awaiting the cost of this repair. The micro switch control panel at Granite Heights needs to be replaced since the auto switch is not working properly. This repair is being done on January 10<sup>th</sup> and Cedar Management has been informed since they are responsible for the cost of the repairs to this unit. All other locations are serviced with no issues. *I received the quote to replace the air box on the office generator and it is \$1200.00. This generator has never started properly and has been looked at several times and the mechanics believe it is an internal issue with the engine. We rarely loose power at the office and when it does go out it is not out for very long. I do not believe it is worth putting any more money into this generator and if we do loose power for a long period of time, we can use one of our portable ones. We can discuss further during the meeting.*
  10. The 2024 Audit Commenced on January 7<sup>th</sup> of this year in which the Auditors were on site to start the Preliminary/Inventory Phase of the Audit. Denise is heading up the Audit this year and will be updating the status during the meeting.
  11. Monday February 24<sup>th</sup> Josh and I attended Backflow Recertification at the Manchester Water Works. This is required every 3 years in order to maintain our cross-connection testing license. Recertification is complete for both Josh and Myself for another 3 years.
  12. While checking Granite Heights Booster Station before backflow recertification on February 24<sup>th</sup>, 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
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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. This pump has been reinstalled and BP 3 was removed and is being repaired now.

13. Approximately a week ago we noticed that we were not getting any meter reads from our Galaxy Network which is located on the Berry Hill Tank. We went up to the site and check to see if there was power at the base of the tank and verified, we had power at that point. Ryan Johnson with Stiles stopped to take a look at it and there is no power to the Galaxy unit mounted on the top of the tank and it appears something looks odd with the power cable. At that time the weather was not good and it was unsafe to climb the tank to look at it further. I asked Ryan to order a new power cord anyway so when it arrives, we will climb the tank and install the new cord in hopes this will remedy the situation. If the existing cord came unplugged or is damaged, we will fix it and have a spare on hand for the future.
14. Ryan Johnson with Stiles was on site Wednesday March 5<sup>th</sup> to provide formal training on using the Beacon software for meter reading and maintaining meter accounts. Training was provided both to Tam and Denise in order to improve our current process and provide formal education and training for their roles. Denise was asked to participate in this training in order to provide a second person with knowledge within the precinct as backup to her regular role and responsibilities.

Respectfully Submitted,  
Christopher R Culberson  
Superintendent