



Superintendents Report for March 17, 2025 Meeting

1. Monthly required TC samples were taken on 3/2/2026 with all results TC-. The average Total Chlorine within the distribution system at the time of TC collection was .72 ppm. 1st quarter disinfection byproduct samples were taken on 1/2/2026 as required by our Master Sampling Plan and results have been submitted to NHDES. Lead and Copper sampling will be taking place during quarter 3 of 2026. This occurs every 3 years.
2. 2026 Cross Connection – 1st Round backflow testing is underway with 62 devices tested to date.
3. Park Place (Hooksett Road) –Main frame structural steel is being erected for the commercial building in the front. Exterior wood framing is underway at this time and ongoing. *Nothing new to report*
4. 51 Thames Road – Water connection issues resolved and no work is going on this winter. *Nothing new to Report*
5. We have recently received the application for water service for Panera Bread at 1265 Hooksett Road. The live tap and water main has been installed. The water line has been chlorinated and an attempt to pressure test the line on Tuesday November 11th was unsuccessful. The contractor appears to have a small leak on the new line someplace and will be looking for the leak to repair it and retest. CHWP has inspected the live tap and installation of the new water lines for this location. The water main for this project was hydrostatically tested and passed on 12/9/2025. The main was tested at 260 psi in accordance with AWWA Standards. 350 feet of 6” ductile iron cement lined water main was tested and the allowable leakage for this test was 29 ounces with 6.5 ounces observed well within the tolerance of AWWA standards. We are currently awaiting the formal test results for the Hydrostatic test and bacteria test before the water main is placed in service. Test Results for bacteria test and hydrostatic test have been received. 2” water meter has been installed in order to finish up interior plumbing and water is still off awaiting the fire protection contractor to flush the water main.
6. 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. The owner was in to fill out the application for service and has paid the 150.00 application fee. Due to the amount of ledge encountered this project is going to be done to 2 phases. Phase 1 would be expected to be completed this year and phase 2 next year. The applicant asked if connection fees could be spit up into phase 1 and phase 2. I did state this is something we could agree upon however and additional valve will need to be installed on the main along with a chlorination tap so phase 2 testing and chlorination could occur since once phase 1 is placed into

service they will not be allowed to turn off to continue with phase 2. The application for water service has been filled out along with the application fee of 150.00 but no connection fees have been paid at this time. I am still awaiting material submittals for this project for my review. Material submittals have been provided for water main installation by EJ Prescott for this project. I have reviewed and approved the material submittals. The 12 x 6 live tap has been completed and witnessed by CHWP. The existing 12" DICL water main is in very good condition at the location of the live tap and was deeper than to be expected at this location at 9 feet deep. The contractor installed a length of pipe and installed a vertical offset to bring the water main up to 6 feet deep as it heads to the main building. No further water work is taking place right now as sewer work is underway in the State of NH DOT Right of Way. The water service has been brought into the basement of the office building and the 6" master meter has been dropped off in order for interior piping to be completed.

7. A TRC meeting was held on July 21st for the proposed car wash at 1317 – 1319 Hooksett Road. Water service is already on the premises and average daily flows have been provided to CHWP. This will be a Washville Car Wash. Water has been turned off to the existing building and the water meter has been removed. Marquis Construction has been in contact with me and new ownership shall take place sometime in March at which time the existing building will be torn down. The 6" water main to the property will be cut and capped prior to demolition of the building. Anticipating demolition of the building by the end of the month.
 8. CHWP received a dig safe for the demolition of the house located at 108 Whitehall Road. Water was turned off to this house on January 31st 2023 with the meter being removed. I spoke with Dean Mehlorn of DCCI Excavation who is razing the house and informed him that the water service line must be abandoned back to the water main which is on the edge of the road. The owners decided to demo the house since there is no intent for anyone to live there and do not want squatters to start using it. This location is directly across from the Million Gallon Tank and should not have been provided with water in the first place since we cannot deliver 20 psi and the highest point of the home. The pressure at the fire hydrant directly across the street at the base of the tank is only 23 psi. Nothing new to report. The house was torn down sometime the end of November without any notification to the CHWP and the water line to the property is still in place and not abandoned. I reached out to the Town of Hooksett asking them if they knew when the house was razed and they did not know. I then asked if a building permit was issued for the razing of the house and it was confirmed that a demo permit was in fact issued/approved on 10/06/2025. CHWP will need to abandon the service line at the main and no time frame has been determined as to when this work will occur. *Nothing new to report*
 9. I received a call from Nick Oberti of Strong Tree Engineering in regards to availability of water to a possible subdivision of the lot at 48 Zapora Road. This property is across the street from Block Party Social. The 8" water main ends thru an easement within the parking lot of Block Party Social and depending on how the lot is subdivided there is a possibility of connecting to water. Nick will be submitting the proposed lot subdivision for my review within a few weeks to discuss what would be required from CHWP. Received a call on Tuesday 3/10/2026 from Nick and he stated he will be sending a plan of the proposed sub division.
 10. Marmon Aerospace is proposing a 356,000 SF addition, which includes approximately 100,000 SF of mezzanine area. The expansion will add an estimated 210 employees to the facility. Operations are expected to run in three shifts, five days a week (24 hours per day), with Saturday shifts of 8 hours. An 8" water main was installed during Phase 1. They are proposing to extend the existing 8" water main to the west and south sides of the building to provide fire service and fire hydrants. In addition, a 2" domestic water service with a shut-off valve is proposed at the front of the building. The water has
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been turned off to the old pro shop and the meter removed. This building will be torn down. The existing service line will be abandoned at the main when construction occurs.

11. KNA Associates submitted a Utility Layout Plan for me to review for a submission to the Technical Review Committee for a proposed contractor bay development at 1373 and 1375 Hooksett Road. I have reviewed this submittal and the engineers have made all revisions required by CHWP based upon my comments. The plan I have included in the package is that revised plan which will be presented at the TRC meeting when it is scheduled. TRC Meeting was held on Monday February 9th and there are no issues with the proposed water connection as shown on the Utility Layout Plan submitted.
12. The 2025 Audit is underway with inventory counts and process controls occurring on Thursday January 8th. Denise will be reaching out to have all questionnaires filled out by the treasure and chair as required with every audit. We are scheduled for March 19 and 20 for the audit at the office.
13. On Thursday January 31st we had a water main break on Benton Road in front of Kappa Court. Early Thursday Morning we started receive low suction pressure alarms at all of our pump stations which indicated there was something going on with our system. Josh and I came in around 4:30 am and Josh found water rolling on Benton Road in front of Kappa Court. We located 2 valves at the intersection of Martins Ferry Road and Benton Road and a valve on Benton Road at the Sports Dome in order to isolate the leak. Water was shut off around 6:15 which impacted 20 houses on Benton Road and all commercial properties were not impacted by the shutdown. Fiddlers Farm Excavation along with CHWP made the repairs. It took several hours to get the equipment on site since it was bitterly cold and 14 below zero when we started and never got above 10 degrees. The majority of the water from the main break went down the road of Kappa Court and to the house at the bottom. I made contact with the home owner early that morning and assessed any damage to his house and property and advised him to call his insurance company. The cause of the water leak was due to improper backfill materials and the AC water main being right on top of ledge. The sustained cold weather drove the frost deeper than normal pushing rocks into the water main causing it to break. Repairs were completed by 6pm with water restored. I have pictures that I will present at the meeting of the water main break and Kappa Court. We estimated the main break to be somewhere between 2000-2500 gallons per minute and figure we lost 600,000 – 700,000 gallons. Our quick response time to find the leak and shut down prevented any impact throughout the rest of our system. Maintaining the patch in Benton Road Currently until we can properly repair it in the spring.
14. I have a scheduled Cybersecurity Assessment of all our computer operating system on Friday February 13th with the Overwatch Foundation. Overwatch is working the NHDES thru a grant program to assess water and waste water utilities. This ties in with our current policy review and there is no cost for this assessment. A report with recommendations will be provide to make sure that we are as secure as possible. We are currently awaiting the report from the Assessment that was conducted.
15. Unrelentless Snow Removal since the last meeting!

Respectfully Submitted,
Christopher R Culberson, Superintendent