



Superintendents Report for March 21st, 2023 Meeting

1. TC samples were taken on 3/1/2023 with all results being TC -. 1st Quarter disinfection byproducts were also taken in January 2023 as required by the master sampling plan of NHDES. Water Samples for the UCMR 5 were collected on February 13th as required by the US EPA for small systems which required the CHWP to collect a sample at the interconnection with Manchester Water Works. UCMR 5 specifies monitoring for 29 per- and polyfluoroalkyl substances (PFAS) and lithium listed in the UCMR 5 fact sheet. Required DBP (Disinfection Byproduct Reports) for 2023 1st Quarter have been submitted to NHDES.
2. Berry Hill Estates Update – Construction is still on going with no new meters set on Magnolia since the last report
3. Season’s Market - 1311 and 1313 Hooksett Road – Water meters for the domestic usage and irrigation system have been set at this location and initial backflow tests have been completed.
4. Marmon Aerospace – 18 Legends Drive – CHWP operated the fire service gate valve in cooperation with Capitol Fire Protection in order to flush the fire service. This is a requirement of NFPA 13 Standards and was witnessed by Steve Coburn the fire chief. Upon completion of the required flushing the 8” fire service gate valve was closed and shall remain closed until the fire riser is complete and the initial backflow test has been completed with results in hand. At this time there has been no request or a timeline when they will be looking for the domestic water meter to be set.
5. 2023 Cross Connection has started with first round backflows being tested. Backflows for the month of January, February have been completed and are currently working on March device testing.. Backflows are being billed as the testing is completed.
6. We continue to monitor water quality within our distribution system on a weekly basis as part of our operations and are continually monitor Chlorine residuals testing both Total and Free along with PH. Results continue to look good and provides us with an indication of trends within our system that can be addressed proactively rather than reactively as been done in the past.
7. Irrigation conversions are still occurring and slowly starting to pick back up. We will be reading meters the week of March 20th in preparation for the first quarter bills to go out the first week of April. All deduct charges are being removed since the irrigation policy has been put in motion the first of this year and we will continue to work with our customers as the irrigation season approaches.

8. As part of my insurance audit in order to stay in compliance with our insurance requirements with Cross Insurance under our current policy, I identified that the fire extinguishers at our facilities have never been tested on an annual basis since the day they were installed along with finding wrong class type extinguishers at certain locations creating a much greater hazard. I directed Tam to contact 3 companies to get pricing to inspect our current extinguishers now and to set up an reoccurring annual inspection moving forward in order to stay in compliance. Superior Fire was successful with the lowest price and is local within the Town of Hooksett. Upon initial inspection of our existing extinguishers it was determined that they all were expired and not rated from commercial use under the current regulations. New fire extinguisher have been purchased and installed at all locations. We are also required to have extinguishers within the company vehicles (which there were none) and now are equipped. A halon fire extinguisher was found in the Campbell Hill Pump Station pit which started this directive from my end since Halon was outlawed in the late 80's early 90's. Halon was used in first generation computer rooms and extinguished the fire by removing the oxygen within the room to snuff the fire without doing any damage to expensive equipment. You could only imagine the end result of one of our staff attempting to use a Halon Extinguisher in a Pump Pit of there were a small electrical fire – results would not be good!
9. We met the surveyors on site of Meridian Land Services after we marked out the water main that fronts the property of Eagles Nest so that they can accurately show the main on there proposed plot plan as the continue to evaluate the feasibility of connection to municipal water.
10. Pre-Construction meeting was conducted on 3/15/2023 for the subdivision that will be taking place on Dartmouth and Hunt Street consisting of 6 single family residential house lots. Springwood Homes is the developer and Preston Excavation with be the sub-contractor for site work and utilities within the street. There is existing water main on both Dartmouth and Hunt Street so each lot will be serviced with a new 1" service line with a live tap to the existing water main. Preston Excavation will be doing this work and all inspections will be completed by CHWP. CHWP will collect all points of the new water services as they are installed and updated GIS accordingly in order to maintain the asset management system currently in place. These are the first single family house lots that have been developed within this precinct in over 10 years and we do not currently have an application created since the performance and maintenance agreement created deals with main extension for subdivisions which is totally different than a single service line connection. BJ Branch and I have spoken and I am currently drafting a MOU (Memorandum of Understanding) to address this matter so we have a process in place. The contractor is responsible for all cost of installation and material of these services to the point of connection to the water main. Live taps can be completed by either the CHWP or an outside contractor depending on which is favorable to the contractor and approved by CHWP. The portions of the service line within the towns ROW to the shut off at the property line shall become the property of the CHWP upon completion and approval of the work. Excavation within the towns ROW will be under the direction of the DPW with an excavation permit and inspection of water line with approved backfill materials will be inspected by CHWP and road backfill and restoration by the DPW.
11. At this time, I am continuing to assist Betty StGermain with Bookkeeping tasks as she is continuing to provide end of life care for her long time significant other. I am continuing to work towards a replacement and future development of this position.
12. Last week we had the carpets in the office professionally cleaned and they came out much better than expected. In preparation for this cleaning we cleaned house on items that have collected over time that no longer needed to be present. I think you will be pleased with the outcome and we plan to have these

carpets cleaned and maintained professional on a biannual basis. They were pretty disgusting and this will help protect them moving forward to the rest of their useful life.

13. I am currently looking at the cost to rent an engineering scanner/copier on a monthly basis to be able to scan all our plans to an electronic format in order to eliminate paper copies that clutter the office and deteriorate over time. They are also providing a price for scanning services at a cost per sheet in lieu of machine rental so that we may compare costs and chose the most cost-effective avenue. Record retention policy will need to be discussed in the near future along with implementation.

Respectfully Submitted,
Christopher R Culberson
Superintendent