

# Town of Milton

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To: Mayor and Council  
From: Water Committee  
Re: Capital Improvement Plan  
Date: May 8, 2019

## **CAPITAL IMPROVEMENT PLAN FOR TOWN OF MILTON WATER SYSTEM**

1. Install a new 6 to 8 inch Drinking Water Well and Treatment Facility at 402 Mulberry Street (Shipbuilders Tower #2 Site): Currently, this project has been funded and should be completed by September of 2019.
2. New Treatment Facility: Currently, this project has been funded and was put on hold until the new well has been completed and further testing of the well will help us finish the design on the treatment plant. This project should be finished before 2020.
3. Install a Water Main from West Shore Drive to Federal Street so we can loop the water system at Wagamons West Shore: Currently, this project has been funded and work has begun. This project should be completed by September of 2019.
4. Replace and Size a new Water Main on Atlantic Ave and Chestnut Street from Front St. to Coulter Street: Currently, we are finishing up the review on the design and when that is finished we will look for funding for this project. The review is 95% completed.

5. Replace and Size a new water main on Atlantic Street from the sewer lift station on Atlantic Street to Front Street/ Cave Neck Road. Currently, we have a cost estimate and need to start the design and look for funding for this project. We have a 4" Water Main running in this area but with Cannery Phase #4 getting ready to start we will need to resize this main so it will handle the usage.
6. Install a Water Main from Front Street/Cave Neck Road to the Towns property on Sam Lucas. Currently, we have a cost estimate and need to start the design. This will need to be figured out in the talks with Tidewater for the new sewer treatment plant.
7. Chandler Street Treatment Plant up Grades: Currently, we have been discussing upgrades for the Chandler Street Plant. No design or figures have been completed at this time.
8. Find Land for future Water Infrastructure for New Wells, Treatment Facility and a 500,000 gallon storage tank: This has been discussed and we are still looking for land.
9. Install a New Well, Treatment Facility and 500,000 gallon storage tank: No recent designs or cost estimates have been completed.
10. Installing Water Meter Pits outside of homes: The Water Committee has discussed this project over the last year and we are sending the Mayor and Council a recommendation in June 2019 council meeting.
11. Removing Lead Corporations from the town's water system: This has been discussed for over the last few years with the Water Committee. Having some of the projects listed above completed this will get rid of about 48 lead corporations. This project will take some time but we need to keep working at getting rid of all the lead corporations' town wide.
12. Repairing and Replacement of Water Main Valves: This is an ongoing project that we try to keep up on every year. We have several valves that have not been added on the water mains at intersections and with the installation of these valves we can contain the system better without not having many homes out of water when repairing leaks. Funding is a problem as we have

expense in material and labor cost. We will continue to look for funding in the budget and in grants.

13. Fire Hydrant Extensions: Currently, I am getting a count on how many Fire Hydrants we have that need extensions added to them. The steamer on the fire hydrant should be about 18" from the bottom to the ground. We have several that do not make that distance as the grading of the property was wrong or the hydrant was just installed incorrectly. The reason you need 18" is so you can properly use your spanner wrench to make complete turns without having to readjust the wrench.
14. Service Line Valves and Curb Boxes: This is a continuing project that PWD works on every week. We find service valves that do not work or they are the old stop and waste valves that you can no longer use. The Boxes get broke or the lids bust and we have to replace.

This is a five to seven year Capital Improvement Plan that the Water Committee, Public Works Supervisor Mr. Wingo, Town Manager Ms. Rogers and the Town's Engineers have worked on. Please note that priorities change and this plan will be updated through the year as needed.