



MILFORD WATER COMPANY

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September 30, 2020

Zoning Board of Appeals
Town Hall
52 Main Street
Milford, MA 01757
c/o Gerald M. Moody

RE: Godfrey Brook and Dilla Street Wells available flows after upgrades.

Mr. Moody,

In preparation for the upcoming Zoning Board of Appeals meeting, I thought it would be helpful if I provided an overview of the volumes of water needed for the c. 40B projects plus other pending service additions and the amount of water that could be available to the residents of Milford once the upgrades have been completed to both the Godfrey Brook and the Dilla Street wellfields. The intent is to compare the impact on the Company's system presented by the proposed service additions prior to the completion of those capital projects, versus the amount of water that should be available once the Godfrey Brook and Dilla Street wellfield redevelopment and upgrades have been completed.

Table 1

Project	Demand - daily	Current daily supply available	Available to customers - daily
Stone Ridge I	29,800 gals		
Birch Street	17,700 gals		
Other	20,305 gals*		
Total	67,805 gals	2,370,000 gals**	2,302,195 gals
Current average daily demand	2,350,000 gals		-47,805 gals

*This number represents anticipated new customers such as single-family homes or small developments which have submitted the required paperwork to secure service, but which are currently on-hold due to limited supply.

**This number represents our MassDEP-approved daily average under our existing permits.

As you look at Table 1, you can see that based on our current available supply, adding the two c. 40B projects plus other pending service additions has a negative impact on the amount of water available to meet current average daily demands under the Company's existing permits from MassDEP (i.e., -47,805 gals.).

Table 2

Project	Demand - daily	Daily available after upgrades Godfrey Brook	Available to customers - daily
Stone Ridge I	29,800 gals		
Birch Street	17,700 gals		
Other	20,305 gals		
Total	67,805 gals	3,160,000** gals	3,092,195 gals
Current average daily demand	2,350,000 gals		742,195 gals

Table 2 represents daily available supply with the addition of the Godfrey Brook wellfield once the upgrades have been completed. Godfrey Brook is expected to be “in service” in December 2021 – January 2022. However, please note that the initial schedule called for Godfrey Brook to be online in the spring of 2020. As Table 2 indicates, the pending additional demands from the proposed projects and the other pending service additions can be supported by the addition of the Godfrey Brook supply which is approved at 790,000 gallons per day.

Table 3

Project	Demand - daily	Daily available after upgrades Dilla Street	Available to customers - daily
Stone Ridge I	29,800 gals		
Birch Street	17,700 gals		
Other	20,305 gals		
Total	67,805 gals	3,628,000** gals	3,560,195 gals
Current average daily demand	2,350,000 gals		1,210,195 gals

Finally, Table 3 represents daily available supply subsequent to the addition of both the Godfrey Brook and Dilla Street wellfields. Based on the results from a Test Well Exploration, the Dilla Street wellfield is estimated to produce approx. 325GPM or 468,000 gallons per day. The Company intends to redevelop this wellfield once Godfrey Brook has been completed, with an estimated “in service” date in late 2022 – early 2023.

I hope that this clarifies to the Board that the improvements to the Godfrey Brook wellfield would provide our existing customers with approx. 742,195 gallons per day of additional water that is currently unavailable at this time. Additionally, once the Dilla Street wellfield has been added, approx. 1,210,195 gallons per day of additional capacity in total will be available from these two projects. It is important to note, however, that seasonal restrictions will not be eliminated as they are a requirement of our Water Management Permit which is issued by MassDEP. Additionally, MassDEP is in the process of re-issuing permits to all water suppliers which contain even more stringent seasonal restrictions.

The Company is fully committed in working as quickly as possible to get both the Godfrey Brook and Dilla Street wellfields back in service which will help ease the demands placed on our current supplies and make more water available to our current system.

Respectfully Submitted,
David L. Condrey
Manager, Milford Water Company