

EXECUTIVE SUMMARY

TITLE: Fulcrum Enterprises, LLC Special Permit Application – Water Supply and Demand Impacts

BACKGROUND: On September 9, 2019 the Selectboard instructed the Town Manager to review the water usage impact of the above proposed project as it relates to the Housatonic Water Works (HWW) system. After collecting publicly available data (data sources include MA DEP Bureau of Water Resources Statistics for 2016-2018; January 2016 HWW Master Plan filed with the MA DPU on Feb. 1, 2016; and the 2013 Town of GB Master Plan), the following information is known:

HWW Characteristics:

- Long Pond, the company's surface water reservoir, has a total capacity of about 263 million gallons.
- Based on system history and capacity it has a low vulnerability to drought.
- The HWW storage tank (water from the reservoir that has been filtered, treated, and is ready for consumption) is one million gallons.
- The conservative total daily capacity of the system is 950,000 gpd.
- Current additional daily reservoir capacity at Long Pond is estimated as follows: 950,000 gpd total capacity minus 172,000 gpd (average daily usage of most recent 3-year period), equals 778,000 gallons per day excess capacity.

Fulcrum estimates it will use 2 million gallons per year (5,479 gpd)

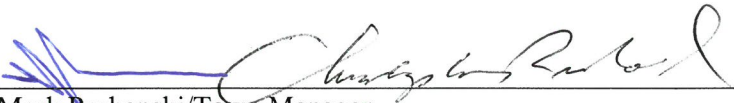
778,000 gpd excess daily capacity in HWW
- 5,479 gpd Fulcrum daily demand
= 772,521 gpd remaining excess daily capacity in HWW

FISCAL IMPACT: None.

RECOMMENDATION: Staff recommends the above data is sufficient to satisfy the request of the Selectboard.

PREPARED AND APPROVED BY:

DATE:



Mark Pruhenski/Town Manager
Christopher Rembold/Assistant Town Manager

01/09/2020