



March 12, 2019

Mr. Anthony Ruggiero, M.P.A.
City Administrator
City of Beacon
One Municipal Plaza
Beacon, NY 12508

Via Electronic Transmission

RE: 511 Fishkill Avenue
Industrial Arts Brewery Project
City of Beacon, New York

Dear Mr. Ruggiero:

WSP USA (WSP) is providing this letter to evaluate whether the City of Beacon's water-supply system is able to supply the demand of the proposed 511 Fishkill Avenue/Industrial Art Brewery (Brewery) project. The average daily demand of the Brewery is estimated to be 10,059 gpd (gallons per day).

WSP has recently completed a study of the water-supply system for the City of Beacon that evaluated the current and projected potable water demand. The projected demand period that includes the projects which are approved and not yet constructed is the 2022 demand period. The Brewery project was not included in the 2022 demand period. Based on the study, it was estimated that the average day demand and the peak day demand for 2022 will be 2.36 mgd (million gallons per day) and 3.02 mgd, respectively.

As part of the study, WSP determined the total daily volume of water that is available from the sources of supply. The total daily volume that was determined to be available to the City of Beacon for the 2022 demand period is 4.06 mgd. Therefore, the 2022 projected demands including the Brewery's water demand (10,059 gpd) is significantly less than the total daily volume of water that is available from the sources of supply and the City of Beacon has an adequate supply of potable water to meet the projected demand from the Brewery project.

Should you have any questions or require additional information, please do not hesitate to contact me directly at (475) 882-1704.

Kind regards,

WSP USA

Thomas P. Cusack, CPG, PG(NY)
Senior Supervising Engineer

TPC:cm

cc: Edward Balicki
John Russo
Jennifer Gray

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