

FINAL CAPITAL EFFICIENCY
PLAN™ UPDATE | NOVEMBER 2015

AQUARION WATER COMPANY

New Hampshire System

Report Withheld Due to Confidential Information



November 20, 2015

Mr. Carl McMorran, Operations Manager
Aquarion Water Company
7 Scott Road
Hampton, NH 03842

Subject: Final Capital Efficiency Plan™ Update
Aquarion Water Company – New Hampshire
T&H Project No. 4145

Dear Carl:

In accordance with our agreement, Tata & Howard is pleased to present you with the Final Capital Efficiency Plan™ Update for the Aquarion Water Company – New Hampshire Water System. The analysis and improvements in this report are based on our Three Circles Approach for optimum capital efficiency, which combines hydraulic and critical component considerations with an asset management rating system to evaluate the condition of the water mains in the distribution system.

In December 2007, Tata & Howard completed the original *Capital Efficiency Plan™* for the New Hampshire system. For the Capital Efficiency Plan™ Update, the hydraulic model was updated to include improvements to the system. Hydraulic recommendations and critical areas of the system were updated. Finally, the asset management score for each segment of water main was updated based on recent improvements, revised information, and new research. The results were combined to determine the water mains most in need of replacement and establish a prioritized set of improvements in the system. A detailed description of the improvements and estimated costs is presented in Section 7.

During the course of this project, the undersigned served as Project Manager, Ms. Patricia Kelliher served as Assistant Project Engineer, and Mr. Don Tata, P.E., provided technical reviews.

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Aquarion Water Company

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At this time, we wish to express appreciation to the Aquarion Water Company for participation in the study and for help in collecting information and data. We appreciate the opportunity to assist the Aquarion Water Company on this important project.

Sincerely,

TATA & HOWARD, INC.

A handwritten signature in black ink, appearing to read "Jenna Rzasa". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Jenna W. Rzasa, P.E.
Vice President

Enclosures

cc: Mr. Daniel R. Lawrence, P.E. and Mr. Kenneth R. Skov