

Charles Gill
Water Utility Manager
451 Meek Street
Greenfield, Indiana 46140



Mayor Chuck Fewell
Board of Works and Public Safety
10 South State St.
Greenfield, IN 46140

Re: Water Study Program license

February 26, 2019

Mayor and Board Members,

The Water Utility has been working on a water master plan study with our Engineering firm. The intended outcome of this process will be to enable the Water Utility to have the ability to run hydraulic models of the distribution system in house versus outsourcing the work to an engineering firm. We are entering the final phase of data collection and are preparing to model the system. In order to model the distribution we need to purchase a license for a program called WaterGEMS. This software license will enable our department GIS Specialist to work with their Donohue Counterpart to develop the model and begin learning the operation of the model.

This software agreement is a prepaid service so there is an account that is set up with an initial \$5,000 that is then charged for every month the software is used. We need to establish this account in order to move forward. The first step would be to establish the model and next to calibrate to ensure accuracy. This work would use at least \$2500 to accomplish.

Once the modeling is done during this study, we will retain use of this software. This continuing access will permit the Water Department to run models of the system for project development and Capital improvement projects. We would fund the service account to the level that would permit us to access the model on a quarterly basis. Eventually, we could reduce the use to a semi-annual calibration and updates.

Mr. Morelock and Nick Riedman have reviewed this agreement and has approved us to move forward. I have attached the agreement for the Board's review. I am requesting the Board of Works approve the Water Utility to enter into a license agreement with Bentley Systems for the WaterGEMS program and setup a project account in the amount of \$5,000.

I welcome any questions the Board may have on this recommendation.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Charles Gill", is written over a light blue horizontal line.

Charles Gill
Manager
Water Utility

cc: Mike Fruth, Utility Director
Lori Elmore, Clerk-Treasurer
Nick Riedman, IT Director