



## Legislation Details (With Text)

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**Title:** Water Reclamation Facility Daily Monitoring Report Software and Implementation (Hach WIMS) (NB)

\*\*This item was presented to the UAB on 2-13-20\*\*

**Sponsors:**

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Date	Ver.	Action By	Action	Result
2/20/2020	2	City Commission	Approved as Recommended	
2/13/2020	1	Utility Advisory Board		

### Water Reclamation Facility Daily Monitoring Report Software and Implementation (Hach WIMS) (NB)

\*\*This item was presented to the UAB on 2-13-20\*\*

The water reclamation facilities are required to submit Daily Monitoring Reports (DMRs) to the Florida Department of Environmental Protection (FDEP) on a monthly basis. The DMR submittal process has transitioned from a paper process to an electronic submittal format. GRU continues to use a paper process for developing the information that is submitted to FDEP electronically. The paper process is outdated and does not meet current standards for quality control and quality assurance for submitting regulatory reports. This software will be implemented at two water reclamation facilities for consistency, efficiency and quality control. Over the past year, operational staff have been evaluating several software solutions that are being used by wastewater utilities to help prepare and submit electronic DMRs. The solutions include off-the-shelf software, customizing existing Supervisory Control and Data Acquisition (SCADA) software, and building an internal database solution. The operational staff have determined that Hach WIMS is the only viable solution for the following reasons:

- The software is easy to use and will not require extensive customization to create DMRs that can be uploaded directly to FDEP.
- The software easily links and communicate with our existing SCADA, on-line monitoring equipment and laboratory information systems.
- The software is compatible with GRU's servers and does not require extensive support or customization to host and maintain.
- The product is tailored to water and wastewater utilities and is currently being used by over 30 water/wastewater utilities in Florida and over 2,400 water/wastewater utilities across the nation.

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The total implementation cost is \$115,000 which includes the following:

- Software and Implementation capital costs of \$100,000; and,
- Staff training operations and first year maintenance costs of \$15,000.

Funds are available in the FY 2020 Water/Wastewater Capital Improvement budget and the FY2020 Water/Wastewater Operations and Maintenance budget. Ongoing maintenance costs are estimated at \$4,000 per year and will be requested in future fiscal years.

The City Commission:

- 1) Authorize the General Manager, or his designee, to negotiate and execute agreements with Hach Company for software and implementation services, a software license to install and configure WIMS™ subject to approval of the City Attorney as to form and legality.
- 2) Approve the issuance of a purchase order to Hach Company in the amount not to exceed \$115,000 for software and implementation services, a software license to install and configure WIMS™, and software support and maintenance services for the first year.

The UAB advises the City Commission to approve staff's recommendation.