



## Valdosta City Council

216 East Central Ave  
Valdosta, GA 31601

**SCHEDULED**

Meeting: 12/11/25 05:30 PM

Department: Utilities (Water/Sewer)

Category: Budget

Prepared By: Shuntel Ward

Initiator: Shuntel Ward

**AGENDA ITEM NO. (ID # 4059)**

DOC ID: 4059

### **Consideration of a request for the purchase of a new Decanter Unit for the Withlacoochee Wastewater Treatment Plant.**

**BUDGET IMPACT/FUNDING SOURCE:** User Fees

**HISTORY:** The Decanter Unit is a critical part of the treatment process in the Withlacoochee Wastewater Treatment Plant's four Sequencing Batch Reactors (SBRs) which are essentially treatment tanks. Without a properly functioning Decanter Unit, Staff is forced to take the SBR out of service which will decrease treatment capacity. Staff had initially planned to purchase a spare Decanter Unit to keep on hand if one failed.

**FACTS AND ISSUES:** Currently, the Decanter in SBR 2 is not closing correctly and solids spill into the Decanter Housing during the mixing and aeration cycles. These solids overload the filters during the decant cycle causing filter blockages and backups. Staff took the SBR out of service and removed the Decanter for repair; however, after further inspection and consultation with the manufacturer, it was determined that the best course of action was to replace it. Staff initially considered replacing the Decanter with the same model but the current model is no longer being manufactured. The most feasible option is to replace it with the updated model. Once the new Decanter is installed, the old one will be refurbished and stored as a spare for emergencies. The Decanter Units are manufactured by Aqua-Aerobic Systems, Inc. who is the exclusive manufacturer and sole provider of this equipment. The cost for purchasing a new Decanter from Aqua-Aerobic Systems, Inc. is \$98,622.00.

**OPTIONS:** (1) Approve the purchase of a new Decanter from