



Valdosta City Council

216 East Central Ave
Valdosta, GA 31601

SCHEDULED

Meeting: 04/10/25 05:30 PM

Department: Utilities (Water/Sewer)

Category: Budget

Prepared By: Shuntel Ward

Initiator: Shuntel Ward

AGENDA ITEM NO. (ID # 3923)

DOC ID: 3923

Consideration of a request to purchase a new Micro Bar Screen for the Mud Creek Water Pollution Control Plant.

BUDGET IMPACT/FUNDING SOURCE: User Fees

HISTORY: The Influent wet well has been in service since 1977 with upgrades and replacements made in 1986 and 2011. The influent Micro Bar Screen is a filter that removes big solid objects from the wastewater. It removes rags, plastics, papers, metals, etc., from any flowing water. As the name implies, it usually consists of vertical steel bars one to two millimeters apart. What follows are other screens and treatments to remove other pollutants. By removing the large solids, we can prevent damage and unnecessary wear and tear. This reduces maintenance needs and potential issues for the whole system. The removal of large solids also minimizes interferences in the entire treatment process and prevents clogging, and contamination of the waterways.

FACTS AND ISSUES: At this time, there is no Micro Bar Screen in use at the Mud Creek Water Pollution Control Plant (WPCP). There are only two Bar Screens with a three to six millimeter spacing which do not adequately remove material from the waste stream for the current treatment and future treatment process as set forth by the Georgia Environmental Protection Division (EPD) in the cities National Pollutant Discharge Elimination System (NPDES) Permit. A sole source quote was submitted by Cornerstone H2O in the amount of \$279,900 for a new Micro Bar Screen at the Mud Creek WPCP. With the addition of this Micro Bar Screen, the City will remove a higher quantity of material that does and would interfere with the downstream treatment