OR-TEC

Water. **Works.**

est.1980

January 5, 2024

RE: Valdosta, GA

Dear Sir or Madam,

Thanks for the opportunity to present you with this proposal for an OR-TEC Micro Bar Screen for the Valdosta, Georgia screen application. OR-TEC, INC. was founded, and has been in continuous operation for the past forty years, in Cleveland, Ohio.

The Micro Bar Screen is robust, reliable, low maintenance screen that is easy to install and operate. It will fit in the existing wastewater treatment channel at the Valdosta WWTP without the need for modification.

One of the biggest issues facing wastewater treatment plant operators and communities is the presence of wipes, rags, hair and plastics in wastewater. These non-degradable items block pumps, valves, weirs and aerators, and settle in basins and tanks. They are expensive, difficult and hazardous to remove once they are in the plant. The solution is the OR-TEC Micro Bar Screen which uses a 2mm fine screen to remove these items at the head of the plant. Using a 6mm screen rather than a 2mm screen represents a 200% increase in the opening size of the screen which allow a huge additional volume of these nuisance items to enter your plant. Removing them at the headworks is critical to protect your facility and greatly reduce maintenance and associated costs.

The Micro Bar Screen requires no washwater and has no brushes saving both water, time and money.

This proposal also has a compactor washer, control panel and ultrasonic level sensor included. The compactor washer and screen have a sealed connection to reduce odor. Screenings are thoroughly washed and compacted prior to being discharged for ease of disposal.

The stainless steel control panel allows for full and complete manual and automatic operation of the screen and compactor. In automatic mode the ultrasonic level sensor detect flow in the channel upstream of the screen and turns on the screen and compactor washer as needed.

You can find additional information, photos and videos on our website
https://www.or-tec.com/micro-bar-screen

OR-TEC, INC   •   5445 Dunham Road   •   Cleveland, Ohio 44137   •   USA
or-tec.com   •   216-475-5225   •   info@or-tec.com