



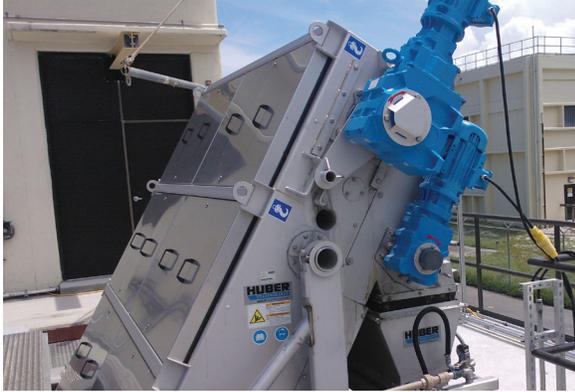
Huber's EscaMAX® Perforated Screens Deliver 95% Improvement in Rag and Fiber Separation

Miami Dade South District Wastewater Treatment Plant's existing bar screens had drawbacks – like the propensity to rag up – and the plant's team had made the decision to upgrade. Mark McNamara, Miami Dade's maintenance supervisor, saw several areas where they needed to make improvements:

- Amount of rags cleaned out of the channel
- Fiber moving through the channel
- Amount of rags making it through the bar screen and downstream
- Rags showing up in the grit channel

There was no upgrade for the bar screen system that would remedy the plant's issues, so they looked into something that would – the EscaMAX® Perforated Plate Screen from Huber Technology.

Today, Miami Dade Wastewater Treatment Plant operates 13 EscaMAX® screens.



"The difference in the amount of separation is like night and day. We've seen a 95% decrease in the amount of rags in the channel. It's amazing. We still see some fibers downstream, but there is no system that can clear out 100% of the fiber. 95% is a very impressive result."

Out with the Bad. More Room for the Good.

Reduced ragging is important for the plant. If there is less rag/fiber in the sedimentation tanks, there is more room for energy producing biosolids. This makes Miami Dade's separation process extremely efficient.

"Our process has become much more efficient since we implemented the EscaMAX® screens. They've given us the ability to clear the majority of the rags that make it into our plant in the beginning of our process so that we can release much cleaner end-product biosolids and run off water."

Influent Volumes That Put Screens to the Test.

"We have during shutdowns of the headworks buildings been able to torture test the new screens. These shutdowns have a very limited time frame in which we can complete them at night and must be in service by the morning peak flow. There have been some times where we have cleaned the coarse barscreens upstream and not removed all the material in the channels. Personally I thought upon start up that the rags would get wrapped up in the brush and or clog up the conveyor. The tines on the plates picked the large rags into manageable pieces and the rest cleared within 10 minutes."

Service that Surpasses.

Huber prides itself on the level of care its customers receive. From those who initially introduce technology to customers, to those who install and implement it, everyone at Huber is totally invested in the success of each client.

Miami Dade South District's experience illustrates this:

"Huber has been phenomenal. Everything with the implementation went well and I've had constant contact and support since the screens were first brought online. They contact me more than I contact them."



Huber serves the municipal and industrial wastewater treatment market with high quality liquid-solid separation technology. Huber Technology offers the complete chain of screening, grit and sludge handling processes. The company is an original source manufacturer specializing in stainless steel fabrication of technologies for water and wastewater. Headquartered in 35,640 sq. ft. of office and manufacturing space in Huntersville, N.C., Huber Technology, Inc. Huber proven experience and expertise with over 25,000 installations worldwide.