

Floating Baffle Curtain Mississippi Gulf Coast



The Mississippi Gulf Coast wastewater treatment plant had a problem with their settling pond. They needed a means to 1.) Stop the floating and suspended debris from reaching the outfall structure; 2.) to optimize the pond's retention time; and 3) correct the pond's flow pattern.

Engineered Textile Products was selected to supply over 4,500 feet of floating baffle curtains which would correct all three of the problems they were fighting. The floating baffle curtain was designed with flow through ports which was positioned on the floating baffle curtain to allow the liquid to pass thru while the surface debris could not pass.

The floating baffle curtains were manufactured in multiple units and then shipped to the job-site.

Upon arriving at the job-site, the floating baffle curtain was unpacked from its shipping container, then the floating baffle curtain sections were connected together and then each baffle curtain was floated into the pond and secured in their correct position to create the correct flow pattern. The final step was to attach additional ballast to the bottom of the curtain's skirt, remove retainage lines, and let the skirt fall into position.

In just three days the floating baffle curtains were installed, secured, and working.

The result, increased retention time, easier collection of floating debris, and another satisfied customer.

For more information, contact:

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