



News

Suntree Technologies, 798 Clearlake Rd, Cocoa, FL 32922 Ph: 321-637-7552 www.suntreetech.com

The Brevard County Stormwater Utility Department in Florida, recently retrofitted an existing conventional baffle box with a Suntree nutrient separating screen system and turbulence deflectors adjacent to the intersection of Mulberry Lane & Valencia Drive in Melbourne.

Treats 4 Inflows & exits with One 36" Outflow Pipe

The concrete structure has an inflow pipe coming in the North side, East side, and West side. In addition, a grated inlet is in the top of the structure. In all, there are 4 inflows. After the water passes through the structure it flows out the South end through a single 36" pipe.



Broken screens made from chain link fence lay flat in the structure.

Chain link fence material was intended to prevent floatables from passing. However, it collapsed under the force of the water flow. The upgrade will greatly enhance the removal efficiency and be virtually indestructible.

Brevard County Upgrades Conventional Baffle Box With Nutrient Separating Screen System



The nutrient separating screen system and turbulence deflectors have been installed and the top is ready to be set back on the structure.

The nutrient separating screen system will capture floatables and store them out of the static water level below, and diffuse turbulence in the structure allowing super fine sedimentation to settle without re-suspension.



The finished project.