Why choose an AST Filter?

✓ **Greatest Treatment Capability**: The AST Filter is unique as it provides both TSS removal and biological treatment in the same vessel.

✓ **Greatest Value**: AST Filters are the least expensive, simplest way to move a wastewater treatment facility from out-of-compliance into compliance. They also allow for an economical expansion of existing facilities.

✓ **Highly Efficient Solids Capture**: They have a superior solids capture ability with nearly 100% of particles 50 microns or larger removed, and they remove 30% of particles in the 5-10 micron range.

✓ **Very Simple and Inexpensive to Operate**: Low startup and O&M costs, and no controls. The only adjustment is a knob to adjust the air supply.

✓ **Very Small Footprint**: AST Filters have the footprint of a disk filter, but also accomplish biological treatment.

✓ **It's Proven**: There are 1000’s of installations throughout North America.

**Special Features**

- Backwashes without a pump
- High Ammonia conversion rates
- Can handle very high influent TSS (>1000 mg/l)
- Can remove TSS, BOD, COD, heavy metals, and provide nitrification and denitrification
- Resistant to biofouling, LDPE media lasts decades
- Low headloss
- Can run unattended by operators for days/weeks

**AST Filter Applications**

- Secondary clarification
- Tertiary filtration
- Ammonia polishing
- Denitrification
- Reuse
- Phosphorus polishing

21 Eastbrook Bend, Suite 118  
Peachtree City, GA  30269  
770-742-3321  
info@cornerstoneh2o.com  
www.cornerstoneh2o.com