

# Algal Turf Scrubber® Mobile Pilot Unit

HydroMentia's Algal Turf Scrubber® (ATS™) Mobile Pilot Unit is the ideal system for determining ATS™ design criteria on a case by case basis with its economical and mobile engineering.

The customized unit replicates full-scale ATS™ systems, incorporating surge motion and biomass recovery into the design. ATS™ performance can be assessed on site, aiding in development of full-scale systems to meet individual water quality needs.

Pilot studies for large scale projects can be time consuming and costly. HydroMentia's ready to assemble facility eliminates implementation delays, allowing faster determination of ATS™ success and project execution.

At study completion, the unit is removed, restoring the site to its original condition.

Cost savings are realized immediately through reduced construction and

demolition service needs. HydroMentia, Inc.'s innovative approach to pilot scale studies is as versatile as it is economical.

Available at lengths up to 1000' and 1 foot wide, the system can be operated at virtually any site, no matter how remote or urbanized.



100' ATS™ MPU System  
Indian River County, Florida

The pilot unit is composed of an aluminum base and steel supports. The aluminum base is overlain

with the same HDPE liner and grid that is used in full scale ATS™ systems. Water is conveyed through an automatic siphon/surger unit, over the growing matrix. Effluent water is collected and delivered to a receiving water body or holding tank.



HydroMentia recognizes that investigative study needs can be as varied as full-sized projects.

Thus, the Algal Turf Scrubber® Mobile Pilot Unit can be positioned to receive water from any test source.

HydroMentia, Inc. prides itself on timely delivery and continued advancements in technological applications of our engineered water treatment systems.

The ATS™ Mobile Pilot Unit is designed to provide client confidence in the effectiveness of the ATS™ system and HydroMentia's commitment to protecting our most vital resource.

Pilot ATS™ Surger Unit  
in operation

**HydroMentia, Inc.**  
3233 SW 33rd Street  
Ocala, FL 34474  
(352) 237-6145  
[www.hydromentia.com](http://www.hydromentia.com)

**The Leader in cost-effective, sustainable nutrient pollution control technologies**

