

# Maratek Environmental Inc.

*Creating zero discharge for the printing industry ..... one waste stream at a time*



## The Aquamizer



### Wastewater Treatment System (AQS)

**MARATEK Environmental's "Aquamizer" treats used fountain solution, aqueous cleaners, mop water, water based flexo waste and various other wastewaters for safe discharge to drain.**

The Aquamizer system utilizes membrane technology to remove contaminants from various wastewater streams. This advanced method of waste treatment drastically reduces wastewater hauling and compliance issues.

- ◆ **Virtually eliminate your waste hauling costs**
- ◆ **Consistent effluent quality**
- ◆ **Automated operation**
- ◆ **Standard or solvent stable membranes available**
- ◆ **Eliminate environmental liability and compliance issues**
- ◆ **Reduce generator status**
- ◆ **A quick return on investment of under 24 months \***

**\*Return on Investment** savings are derived from reduced solvent purchases and waste hauling.

**REDUCE WASTE HAULING**

**SAFE DISCHARGE TO DRAIN**

# The “Aquamizer” Wastewater Treatment System (AQS)

MARATEK's Aquamizer system can remove contaminants such as ink, dirt, grease and oil from the various waste-waters produced at a printing facility. In the case of treating waste fountain solution, the unit can be configured to make the recovered solution suitable for reuse back to the press.

The AQS system uses advanced membrane technology, eliminating the need for hazardous chemical additives. The new solvent stable membrane is capable of withstanding solvent contamination without being damaged.

The advanced automation quoted on all systems allows for reduced operator involvement when compared to other treatment methods such as flocculation. From start up, to automated membrane cleaning, to auto shut- off, the unit essentially runs itself. Premixing safe detergents for the unit to draw from is the extent of your employee involvement.

In some areas where strict discharge codes exist, options such as activated carbon polishing or ozonation are available. These add-ons can make even the toughest regulations for compliance easily attainable.

## **Models Available:**

<b>Unit</b>	<b>Volume/Day</b>
AQS 50	Up to 50 gallons/day
AQS 120	Up to 120 gallons/day
AQS 240	Up to 240 gallons/day
AQS 500	Up to 500 gallons/day

- ◆ **Larger units are available**
- ◆ **Volumes per day based on solids content of 5% or less**
- ◆ **Maratek reserves the right to change or modify system without notice**

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