

**Bio**  **Clean**

A Forterra Company

**Comprehensive  
Stormwater  
Product  
Line**





## STORAGE



## BIOFILTRATION



## SEPARATION

### STORAGE PRODUCTS

#### FastCast™

The FastCast stormwater storage system is a precast modular stormwater detention, retention, and infiltration system comprised of engineered, reinforced, and pregasketed concrete boxes joined together in near limitless configurations. Our stormwater detention, retention, and infiltration systems are designed to support site-specific loading requirements, stormwater volume, flow rate, and discharge goals.



### BIOFILTRATION PRODUCTS

#### Modular Wetlands System™ Linear

Modular Wetlands System (MWS Linear) represents a pioneering breakthrough in stormwater technology as the only biofiltration system to utilize patented horizontal flow, allowing for a smaller footprint and higher treatment capacity. Unlike most biofiltration products, MWS Linear offers an advanced pretreatment chamber that includes separation and pre-filter cartridges.



#### MWS Downspout

The MWS Downspout is an adaptation of the MWS Linear and is designed as an above-ground planter box to treat roof runoff. The system is lightweight, available in various sizes, and easy to install without the use of heavy equipment. It offers a pretreatment tray to collect leaves and debris for easy removal.



#### WetlandMod™

WetlandMod is built upon the concept of horizontal flow biofiltration, just as the MWS Linear. The WetlandMod can utilize various media blends to meet the local stormwater bioretention specifications.



### SEPARATION PRODUCTS

#### Debris Separating Baffle Box

The Debris Separating Baffle Box (DSBB) is an advanced stormwater treatment system utilizing a non-clogging screen technology and hydrodynamic separation to capture pollutants.

The non-clogging screening system stores trash and debris in a dry state, suspended above the sedimentation chambers, minimizing nutrient leaching, bacterial growth, bad odors, and allows for easier maintenance.



#### Deflective Screening Device

The Deflective Screening Device (DSD) is a highly effective screening hydrodynamic separator designed to meet Full Trash Capture requirements. It utilizes a unique and effective non-clogging screening design that has opposite facing openings from the flow direction of incoming water and ensures high treatment flow rates are maintained.



#### SciCLONE™

SciCLONE is the first separator to offer efficient hydrodynamic separation. Its simple design allows for high TSS removal efficiencies. SciCLONE is the easiest separator to maintain in the industry.





## FILTRATION



## TRASH CAPTURE



## SPECIALTY FILTERS

### FILTRATION PRODUCTS

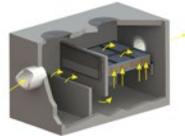
#### Kraken™

The Kraken Filter is a membrane filter cartridge system that allows for high flow rates and maximum surface area, while keeping maintenance costs extremely low. Each membrane filter cartridge is lightweight, washable, reusable, and more sustainable than typical granular-filled media cartridges.



#### Water Polisher

The Water Polisher is an advanced stormwater treatment system utilizing an up flow media filter with built-in pretreatment. This patented design provides double-chambered separation to remove large to fine sediments from stormwater runoff. This configuration prevents clogging challenges found in downward flow media filters.



### TRASH CAPTURE PRODUCTS

#### Curb Guard

Curb Guard is the first line of defense for inlets against debris and litter. The Curb Guard is made of 100% stainless steel. It has a unique recessed design that sets the device back into the opening a few inches for better flow. The flat mounting bracket is flush with the curb, making it tire-safe and ideal for street sweeping operations. The Curb Guard provides 100% coverage of the basin and opens during low flows. The Curb Guard can assist your city or county with trash TMDL compliance and is available in any size.



#### Curb Inlet Filter

Curb Inlet Filter is an insertable catch basin filter system designed to capture fine to coarse sediments, floatable trash, debris, and hydrocarbons conveyed in stormwater runoff. The system is available in three different model types; Full Trash Capture, Multi-Level Screening (MLS), and the revolutionary Kraken Type media filter insert model. The filter provides 100% removal of trash and debris and meets Full Capture requirements.



#### Grate Inlet Filter

Grate Inlet Filter for catch basins is a filter system designed to capture fine to coarse sediments, floatable trash, debris, and hydrocarbons conveyed in stormwater runoff. It has an 8-year warranty and is constructed of 100% high-grade stainless steel. The Grate Inlet Filter is also available in three different model types; Full Trash Capture, Multi-Level Screening (MLS), and the Kraken Type media filter.



#### Modular Connector Pipe Screen

MCPS technology can be retrofitted into any curb or drop inlet to help municipalities meet current stormwater regulations and comply with their NPDES or MS4 permit. MCPS devices can be used for new site developments as the first line of defense to prevent trash and debris from reaching downstream stormwater BMPs, where they can cause clogging and unnecessary maintenance burdens.



#### Watergate ARS

The Watergate ARS is an automatic retractable screen that blocks trash and debris from entering storm drains during dry weather and light to moderate rain flows. During periods of increased flow and heavy rain, the screen will unlock and open to allow runoff into the storm drain to prevent flooding. The Watergate features a patented front-pivot design to automatically bias the screen toward the closed position and provide for more effective closing and locking.



### SPECIALTY FILTER PRODUCTS

#### Downspout Filter

The Downspout Filter is the industry's leading solution for treatment of roof runoff. This is used to treat commercial and industrial rooftops along with high-rise buildings, parking structures, and residential buildings. Available in 3 sizes, this filter can easily adapt to downspouts 2" to 12" in diameter. The filter comes standard with rubber boots that allow for easy installation to the downspout. Approved by the IAPMO, this filter can meet all your roof runoff needs.





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