



# SMARTER STORMWATER SOLUTIONS

INNOVATIVE AND SUSTAINABLE  
STORMWATER MANAGEMENT

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# BEST-IN-CLASS STORMWATER MANAGEMENT TECHNOLOGIES

DEPEND ON FERGUSON WATERWORKS TO DELIVER INNOVATIVE SOLUTIONS FOR GREEN INFRASTRUCTURE THAT EXCEED EXPECTATIONS THROUGH RELIABILITY, PERFORMANCE AND COST.

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## CONVERGENT WATER TECHNOLOGIES



**FOCALPOINT**

High-performing and modular biofiltration



**PRETX®**

Pretreatment for biofiltration systems



**GEPS®**

Groundwater energy passive system



**SMARTPOND™**

Automated stormwater control



**stormbasix+**

Stormwater control measures

# FOCALPOINT

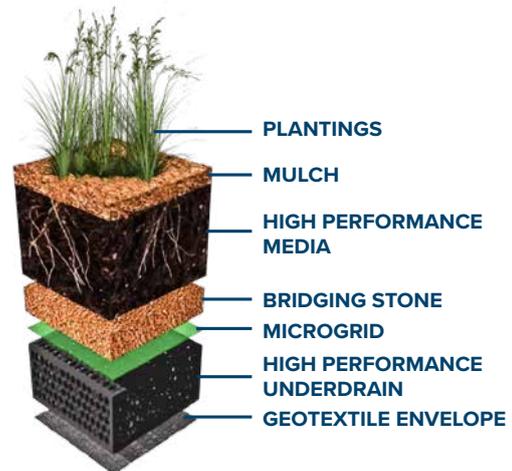
## ULTRA-EFFICIENT MODULAR BIOFILTRATION SYSTEM THAT SAVES SPACE AND REMOVES POLLUTANTS.



Treat and drain large stormwater runoff volumes in a small footprint - ideal for both urban retrofits and new construction lacking space for traditional approaches. This high-performing biofiltration system utilizes the physical, chemical and biological mechanisms of a soil, plant and microbe complex to remove pollutants typically found in urban stormwater. Install the system along roadways, behind curb lines, in landscaped stormwater basins or as a component of green infrastructure streetscapes. It is a complete, integrated system with a demanding specification that ensures functionality, performance and maintainability.

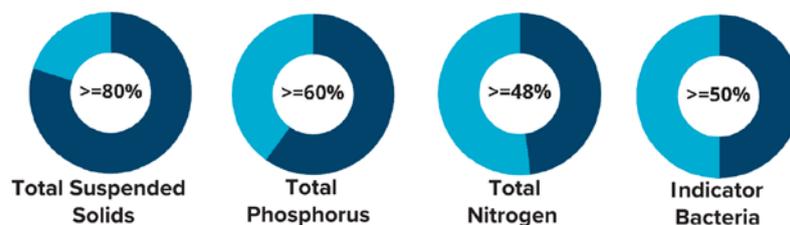
### KEY ADVANTAGES

- Gain usable square footage
- Reduce material requirements and cost
- Improve property aesthetic and land value
- Exceed 100"+ per hour media infiltration rate
- Approved for new development in many jurisdictions nationwide
- Options to expand the underdrain to meet volume/storage requirements



### POLLUTANT REMOVAL

FocalPoint achieves pollutant removal rates consistent with traditional bioretention and the option of increased removal characteristics for specific pollutant targets. The system is 3rd-party field tested following the TAPE (Technology Assessment Protocol - Ecology), NJ CAT Verified, NJ DEP Certified and independently field tested by North Carolina State University. Furthermore, it has numerous regulatory agency approvals that meet state water quality standards for post-construction BMPs.





## EASY-TO-ACCESS PRETREATMENT FOR BIOFILTRATION SYSTEMS.

Filter out trash and debris at the inlet to extend the biofiltration system's operational life and reduce maintenance demands. PRETX pretreatment systems handle moderate to high trash and debris. Made with pre-cast concrete, HDPE and stainless steel, it stands up to winter weather and harsh chemicals. No special equipment is required to install or maintain the unit.

### KEY ADVANTAGES

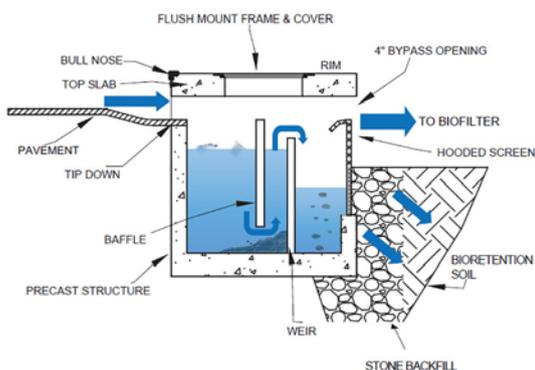
- Beneficial for biofiltration systems, rain gardens, bioswales, infiltration trenches and more
- Use for both retrofits and new construction
- Multiple models available to fit your needs
- Maintenance is simple and utilizes standard vacuum trucks
- PRETX has a 1-2 year return on investment by reducing biofilter maintenance



## GET THE BEST MATCH FOR YOUR BIOFILTRATION SYSTEM.

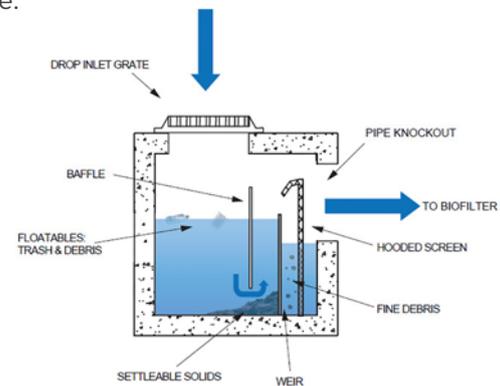
### PRETX CURB

Captures edge of pavement runoff at a curb cut in. Use it instead of a stone spreader.



### PRETX DROP

For use as a drop-inlet configuration along a curb line and installed with a standard drop-inlet grate.





## INCREASE THE SOIL INFILTRATION RATE BY UP TO 10X WITH CONVERGENT'S INNOVATIVE GROUNDWATER ENERGY PASSIVE SYSTEM.

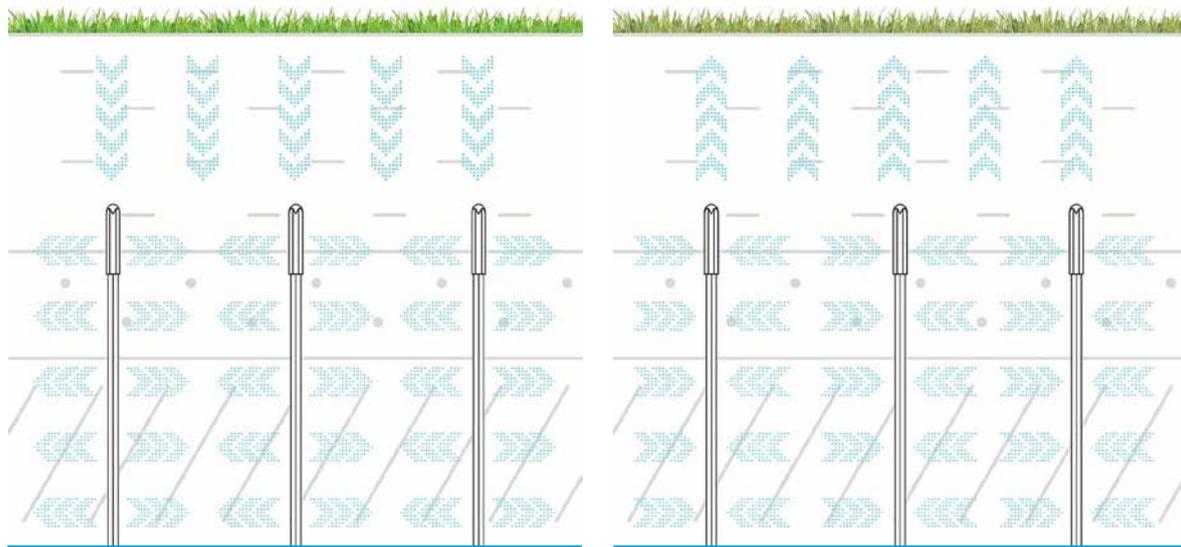
<b>10X</b>	<b>50%</b>	<b>99%</b>	<b>70%</b>	<b>65%</b>
<b>FASTER INFILTRATION RATE</b>	<b>SMALLER PONDS</b>	<b>TOTAL SUSPENDED SOLIDS</b>	<b>TOTAL PHOSPHORUS</b>	<b>TOTAL NITROGEN</b>

### GET MORE FROM YOUR GREEN INFRASTRUCTURE SOLUTIONS WITH LESS SPACE

Innovative, cost-effective and sustainable, GEPS uses impeller-shaped extrusions to distribute water deep into the soil. They range in length from 2 to 40 feet, creating a root-like water distribution system beneath the ground. These units improve soil permeability and prevent hydrostatic buildup.

### KEY ADVANTAGES

- Does not require energy consumption
- Minimal maintenance
- 10x more water absorption
- Prevents surface ponding
- Recharges groundwater & improves soil stability
- Long-lasting and eco-friendly
- Minimum site disruption
- Maximizes usable space by reducing required detention areas
- Factor 8 safety of 3.8 in the design



#### INTAKE

GEPS distributes moisture deep into the ground to enhance natural infiltration.

#### UPTAKE

During dry periods, GEPS release moisture upward to maintain soil health and stabilize the ground.

# SMARTPOND™

## AUTOMATED STORMWATER MANAGEMENT TOOLS - CONTROL IN THE PALM OF YOUR HANDS.

This innovative technology brings the stormwater management industry to a new level. It provides optimized detention, water quality benefits and watershed management opportunities. Furthermore, real-time data helps maximize pond efficiency and create new opportunities. From monitoring water levels, gate position and temperature to providing photos, maintenance records and more, smartPOND will enhance your stormwater management.



### KEY ADVANTAGES

- Real-time data & alerts: water level, valve position, temperature and more
- Simple installation and maintenance
- 91% Total Suspended Solids (TSS) removal when designed as batch detention
- Meets Edwards Aquifer Protection Plan Batch Detection requirements
- Trash screen for easy maintenance and inspection
- 8" square, steel perforated riser pipe
- Automated valve with water depth sensors
- Lockable control panel for electronic storage
- Solar + Battery or hard powered options
- Valves, slide gates, rotary weirs, pumping systems and more hardware options available



# stormbasix+

## EASING THE BURDEN OF DESIGN, CONSTRUCTION AND MAINTENANCE.

The stormwater landscape is littered with cumbersome, field-built best management practices. As your project partner, we work to bring you industry-leading solutions, like stormbasix+, that address both your bottom line and stringent low-impact development practices.



## SIMPLE SOLUTIONS - WELL ENGINEERED



### BATCH DETENTION VALVE

Small, cost-efficient, and effective - the stormbasix+'s Batch Detention System delivers on all fronts. Not to mention, it obtains a 91% Total Suspended Solids (TSS) removal while reducing the system's design, construction and maintenance burden over media filtration based system.



### INLET RISER SCREEN

Built rugged with 8-gauge powder-coated steel, it stands up to the harshest elements and regulations. Don't settle for chicken wire and perforated PVC pipe - we haven't. Get an Inlet Riser Screen that won't break and is easy to maintain.



### SEDIMENT DEPTH MARKER

Constructed from a proprietary blend of thermoplastics and marked with bold, easy-to-read numerical indicators (1 to 5 feet), this easy-to-install visual guide helps maintenance teams and site managers quickly and clearly assess sediment and water depth in stormwater detention basins.

# START SAVING ON SMARTER STORMWATER SOLUTIONS

YOUR DEPENDABLE, START-TO-FINISH PARTNER  
FOR STORMWATER MANAGEMENT PROJECTS.

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