

FOCALPOINT

HIGH PERFORMANCE MODULAR BIOFILTRATION SYSTEM

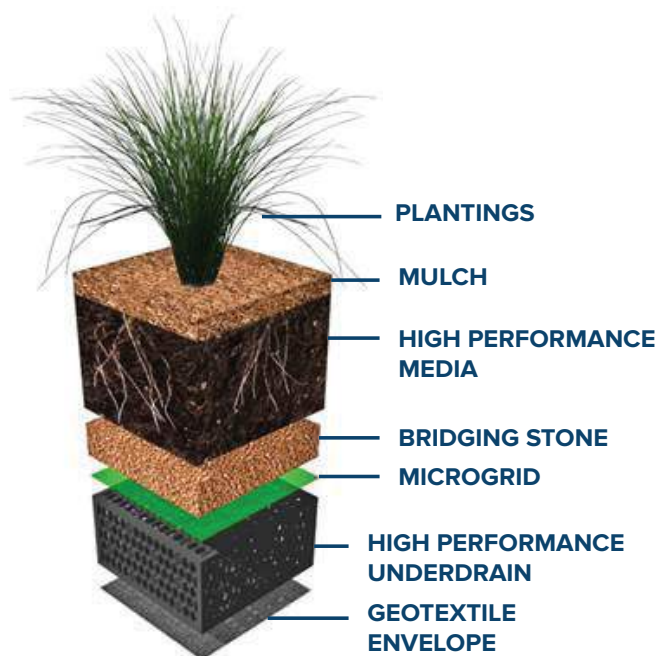


FocalPoint is an ultra-efficient, modular biofiltration system that treats and drains large volumes of stormwater runoff in a small footprint to meet post-construction stormwater treatment requirements. The biofiltration system utilizes the physical, chemical and biological mechanisms of a soil, plant and microbe complex to remove pollutants typically found in urban stormwater runoff. The system can be installed along the edge of a roadway behind curb lines, in landscaped stormwater basins and can be incorporated into an urban green infrastructure streetscape. Infiltration flow rates for the system's standard media exceed 100" per hour. It is a complete, integrated system with a demanding specification that ensures functionality, performance and maintainability.

These smaller systems are ideal for urban retrofits and new construction that do not have space for traditional systems.

ADVANTAGES

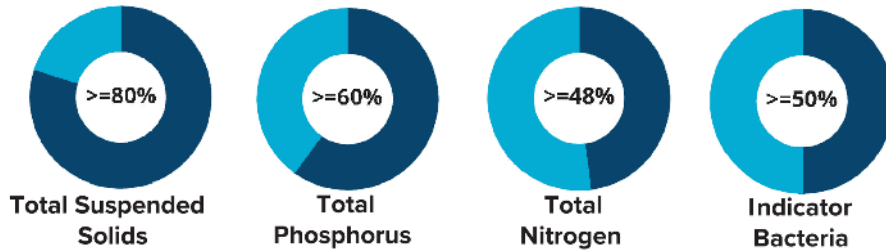
- Gain usable square footage
- Reduce material requirements and cost
- Improve property aesthetic and land value
- 100"+ per hour infiltration rate
- Treat the same amount of water in as little as 8-10% of the area required for traditional bioretention
- Approved for new development in many jurisdictions across the country
- Incorporate green infrastructure in locations previously overlooked
- Option to expand underdrain to meet volume/storage requirements



Have questions? Contact your local Ferguson Stormwater/Geo Specialist or Green Stormwater Infrastructure Specialist for assistance with your next design or visit fergusongss.com.

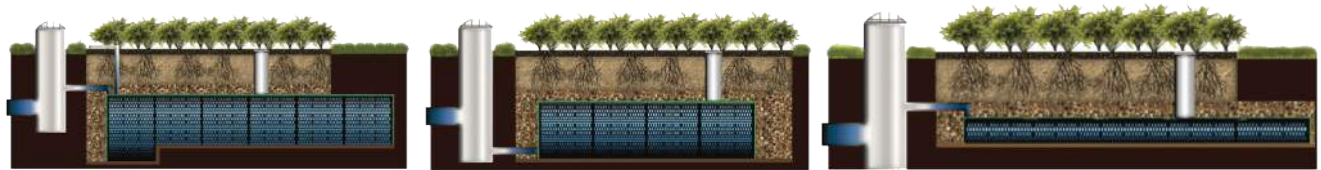
POLLUTANT REMOVAL

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



MODULAR UNDERDRAIN

FocalPoint's modular open cell underdrain system (R-Tank modular subsurface storage system), unlike traditional underdrains, not only supports the flow rate of the media, but can be expanded beyond the footprint of the media bed to provide unlimited underground detention, infiltration and/or storage for water reuse. This can help meet channel protection, infiltration and flood control requirements. The R-Tank is traffic load rated so this portion of the system can be located under paved areas adjacent to the FocalPoint biofilter area.



R-Tank underdrain can be extended beyond FocalPoint footprint as shown above

ACCESSORY PRODUCTS

Below, there are a series of accessories available to accent the performance, simplify maintenance and help with curblin feasibility of the FocalPoint system.



Beehive Overflow Riser Filter

for collection of gross solids during major storm events



Rain Guardian

for curblin pretreatment and energy dissipation



PRETX

for larger watershed curblin pretreatment and energy dissipation



Urban Rain Garden

Modular precast T wall system for FocalPoints in tight spaces

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