FocalPoint Biofiltration Provides Shallow Profile and Low Cost Stormwater Quality Treatment at Virginia Church

With an expansion project mandating compliance with current stormwater codes, a Virginia church sought out an alternative to the traditional treatment structures. The FocalPoint BioFiltration System provided the required stormwater quality treatment with greater flexibility and a much lower price tag.

**Pollutant Removal:**
- TSS = 91%
- Nitrogen = 48%
- Phosphorus = 66%

The original stormwater upgrade included two traditional water quality structures at $50,000 +/- installed. The FocalPoint system alternative was comprised of four smaller applications that totaled $25,000 +/- installed. Two of the systems were retrofitted in existing parking lots and two represented new construction.

Retrofit: The excavation for the FocalPoint BioFilter is sited relative to eventual curb cuts.

FocalPoint’s 2” under-drain panel was utilized to provide the shallow application needed to avoid existing infrastructure.
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The FocalPoint mesh is placed over the 2” under-drain panel prior to placement of the bridging stone.

An overflow/inspection pipe is installed in the profile of the FocalPoint Biofiltration media.

Retrofitted FocalPoint BioFilter installed, ready for curb cuts.

**FocalPoint Maintenance Manual:**
- Provides Comprehensive Guidance & Record Keeping Tools.
- 1st Year of Maintenance Included!
- Remove & Replace Mulch
- Pick Up Trash
- Clean Sediment Entry Points

ACF’s Engineering team can provide project specific support or you can access the tools below:
- Specifications
- Calculator
- CAD Details
- Flow Rate & Pollutant Removal Documentation
- Media Certification
- Installation & Maintenance Manuals
- Performance Guarantee
- And More!

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