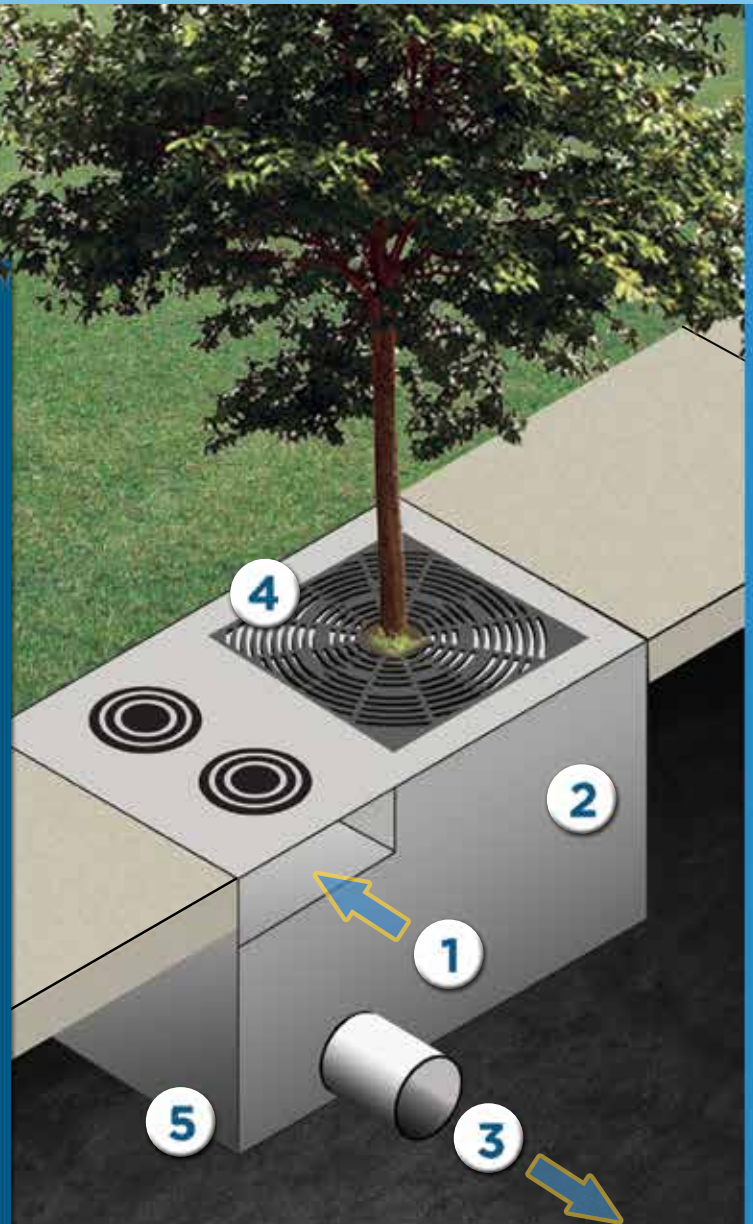


BIO-FILTER[™]

STORMWATER BIOFILTRATION SYSTEM

BIO-FILTER[™] OPERATIONS SUMMARY

- 1** Unique curb inlet design that pretreats disperses runoff across top layer of mulch media while preventing debris from clogging inflow
- 2** Engineered biomedica removes suspended sediment, total and dissolved forms of copper and zinc, total phosphorus, nitrogen and oil.
- 3** Treated flow discharged via perforated underdrain pipe set in basal gravel bed.
- 4** Ease of maintenance from surface using removable covers and tree grates to clean out and removable tree grate.
- 5** High performance construction material provides structural integrity and long term functionality.



INNOVATING GOOD CLEAN WATER

AQUASHIELD™ BIO-FILTER™ BENEFITS

Low Impact Development

- Green infrastructure solution compatible with LID practices
- Provides runoff reduction and high level of water quality treatment
- Customizable for a wide variety of vegetation
- Various inlet & outlet configurations available

Installation & Activation

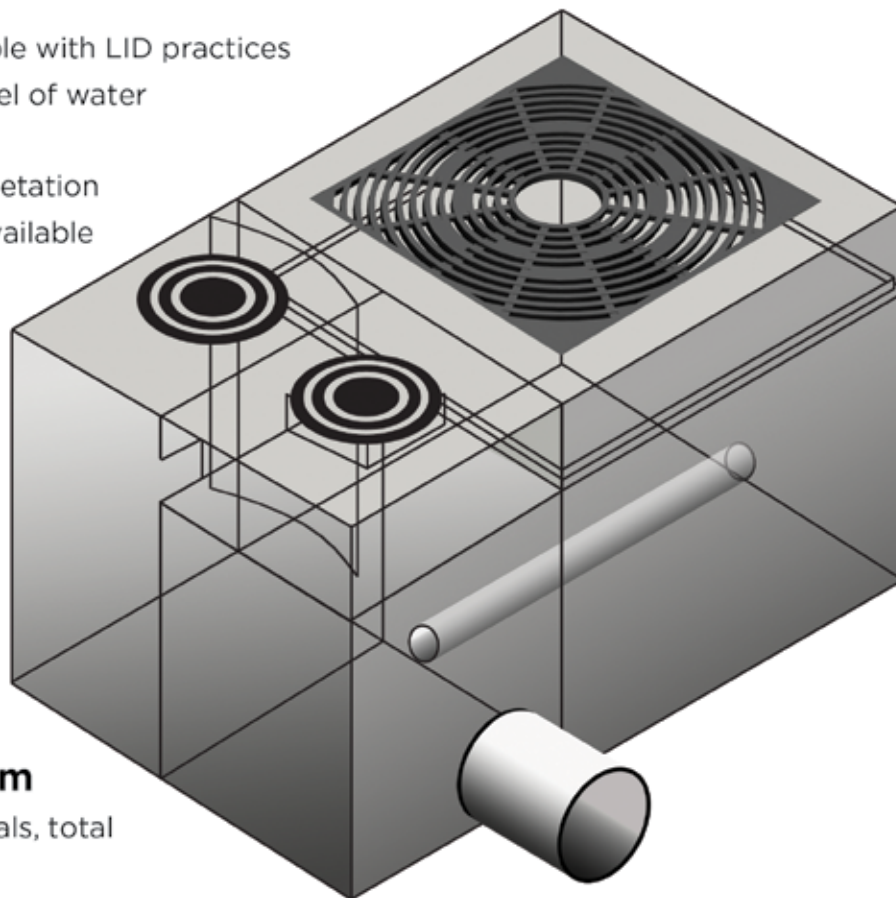
- Easy installation without the use of a crane
- High performance lightweight construction material provides durability and functionality
- Delivered to site with Bio-Filter™ media provided
- Simple post-construction activation

AquaShield Bio-Filter™ System

- Removes TSS, total and dissolved metals, total phosphorus, nitrogen and oil
- Treatment flow rate up to 135 inches/hour
- Models are customized to site-specific needs
- Specifically engineered Bio-Filter™ media

Inspection & Maintenance

- Ease of inspections and maintenance from surface
- Open access via removable tree grate to clean out Bio-Filter™ media
- No external filtration cartridges to maintain
- Includes a non-skid surface



Another Innovation by

AquaShield 
WATER TREATMENT SOLUTIONS

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