



Stormwater Facilities & Maintenance

Biofiltration Systems

Forterra Modular Wetlands and CONTECH Filtterra Boxes are proprietary biofiltration stormwater systems applied throughout Thurston County. They have manufacturer specific training and maintenance recommendations that should be followed, as well as manufacturer specific media that should be used (for example – in the Modular Wetland filter cartridges).

Pro Tip:

Follow manufacturer specified maintenance specs.

Modular Wetlands:

biocleanenvironmental.com

Filtterra Boxes:

conteches.com/stormwater-management



Modular Wetland treatment cartridge in need of maintenance



Source: Forterra Modular Wetland Installation

Maintenance required when:

- Trash, debris, or sediment in or around structure
- Sediment buildup at 1/3rd the depth of the sump
- Trash or debris in vault or pipes
- Filter media clogged with sediment
- Overgrowing or dying vegetation
- Noxious weeds present
- Damaged structure

Contact your HOA or property manager immediately if:

- Sheen or oil found in water leaving structure
- Structure is overflowing
- Access cover is missing or damaged

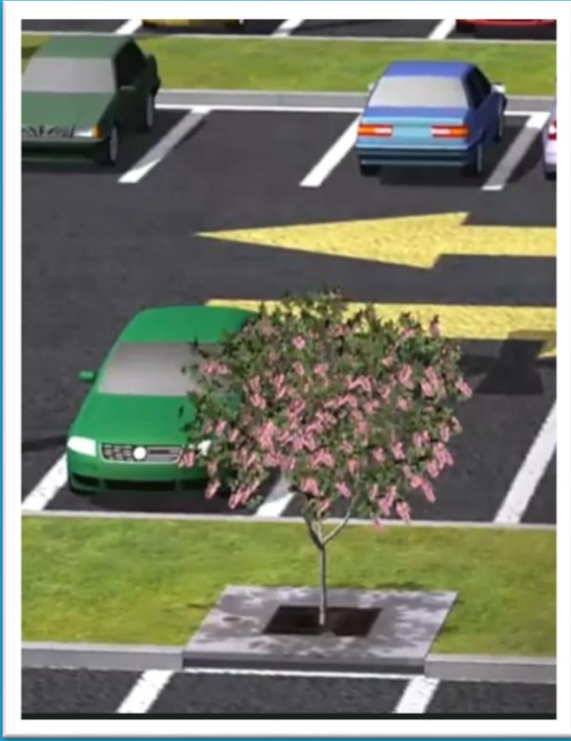
Visit us online:

ThurstonStormwater.org



Source: Forterra Modular Wetlands (include pretreatment and filter cartridges)

Don't let your systems fail.



Source: Contech Filterra Box sketch-up

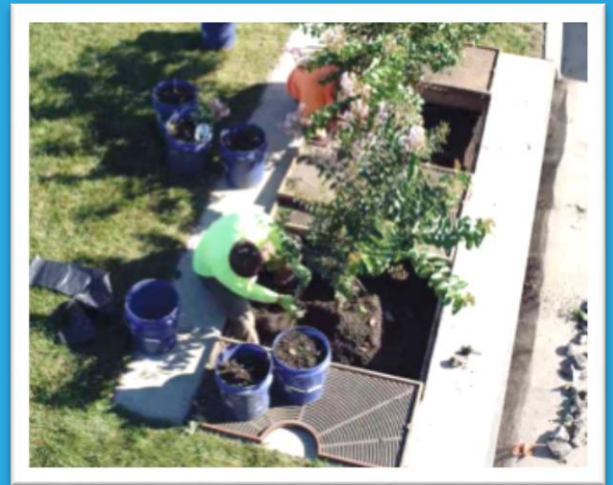


Source: Contech Filterra Boxes

Always begin by getting familiar with the manufacturer and what they recommend for their proprietary system. There are slight variations in both the Modular Wetland and the Filterra Box systems, which can result in the maintenance requirements ranging from basic to more complicated.

Keep water clean. Protect county roads from flooding. Save money.

When maintaining biofiltration systems there are five main steps to consider: 1) Remove trash, debris, and sediment, 2) Inspect and repair inlet/outlet structures, 3) Trim and weed vegetation - replacing dead and dying plants, 4) If present, replace mulch as per manufacturers recommendations, and 5) Repair erosion. Don't forget to consistently monitor plant health and perform regular pruning to ensure continued effectiveness and system longevity.



Source: Contech Filterra box maintenance

For additional information regarding stormwater management in Thurston County, reference our Stormwater Drainage Manual at DM.ThurstonStormwater.org.