

PURGE

I₁₅ HIGH FLOW SORBTIVE BIOMEDIA

THE NEXT GENERATION IN TOTAL PHOSPHOROUS REMOVAL

Removes up to 50% more total phosphorous than the competition by removing up to 65% dissolved phosphorous through a sorption process.

P₁₅URGE Media

Currently being tested to Washington State Technology Assessment Protocol-Ecology (TAPE)

BENEFITS

- Can remove up to 65% Dissolved Phosphorous and 80% Total Phosphorous from stormwater runoff.
- A high infiltration rate that results in a smaller system foot print than the Competition.
- High organic content and its ability to retain moisture helps support plant life through long periods of draught.
- Because P₁₅URGE is not a manufactured material, it is lower cost than the competition.

MEDIA USES WITH NEW OR EXISTING SYSTEMS

- With all RES Products such as StormGarden Tree Box Filters, StormPod Underground Filters, and Hydro-Lock Underground Box Filters.
- Base layer beneath Pervious Paver Systems filtering runoff as it perks through the porous pavers.
- Retro-fit existing Sandfilters and Bioretention Systems to improve nutrient removal efficiencies without the need for structural changes.

Patent Pending



P₁₅URGE-Drain

BENEFITS

- Large granular material with high void ratio.
- Use as a polishing layer to eliminate Dissolved Phosphorus where drain enhancement or void storage is needed.
- Use under Pervious Pavers to provide water storage and eliminate Dissolved Phosphorus.

P₁₅URGE-Perk

BENEFITS

- Use as a polishing layer to eliminate Dissolved Phosphorus where slow perk is preferred.
- Under Pervious Pavers to eliminate Dissolved Phosphorus.

