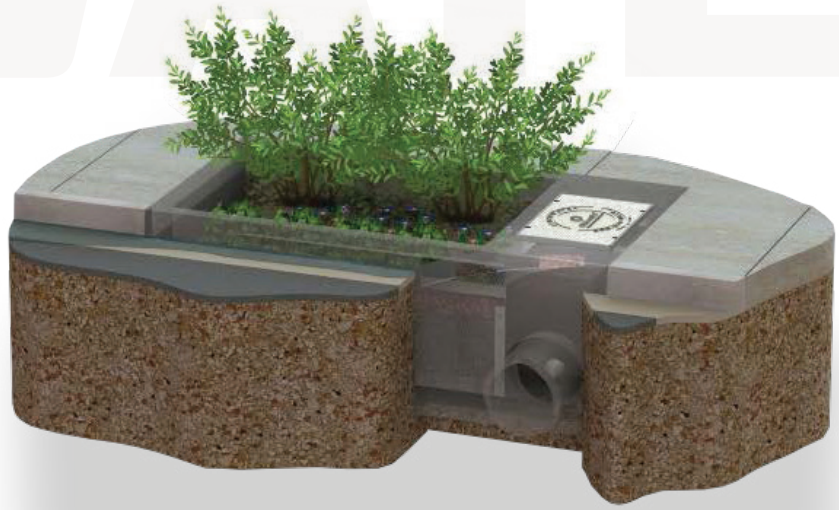
Oldcastle Infrastructure™
A CRH COMPANY

Stormwater Treatment, **NATURALLY**



BIOPOD™ SYSTEM WITH STORMMIX™ MEDIA

Sustainable Green Infrastructure for Stormwater Management

BioPod systems utilize an advanced biofiltration design for filtration, sorption and biological uptake to remove Total Suspended Solids (TSS), dissolved metals, nutrients, gross solids, trash and debris as well as petroleum hydrocarbons from stormwater runoff. Environmentally friendly and aesthetically pleasing, BioPod systems are a proven, Low-Impact Development (LID) solution for stormwater treatment. BioPod systems integrate seamlessly into standard site drainage and can accommodate a wide variety of vegetation to meet green infrastructure requirements.

STANDARD SIZES

BioPod units are available in many standard and custom sizes to meet most site-specific requirements. Contact your local Oldcastle Infrastructure representative for additional sizes.

4′ x 4′	6′ x 6′
4′ x 6′	6′ x 8′
4′ x 8′	6′ x 12′
4′ x 10′	8′ x 16′

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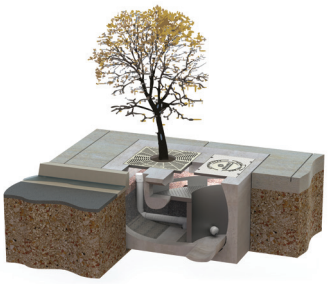
BIOPOD™ SYSTEM WITH STORMMIX™ MEDIA

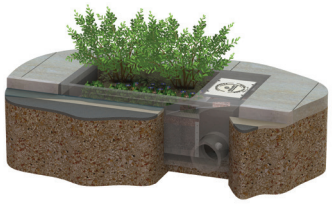
BioPod systems use StormMix media, an engineered high-flow rate media (153 in/hr) to remove stormwater pollutants. The BioPod system has received a General Use Level Designation (GULD) approval from the Washington State Department of Ecology for Basic (TSS), Phosphorus, and Enhanced (dissolved metals) treatment.

Offering flexibility of design and construction for your storm drain system, the BioPod system comes as an all-in-one, single-piece unit composed of durable precast concrete for ease of installation and a long service life. The BioPod system is offered in four configurations:



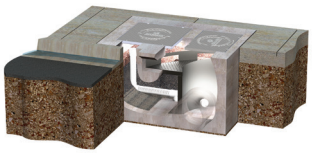
BIOPOD TREE

Vault with media and tree(s).



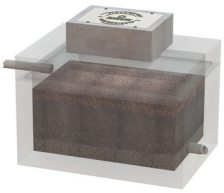
BIOPOD PLANTER

Vault with media and vegetation.



BIOPOD SURFACE

At-grade vault with media only, no vegetation.



BIOPOD UNDERGROUND

Below-grade vault with media only, no vegetation.

High-Flow Bypass

BioPod system offers an optional internal high-flow bypass that eliminates the need for a separate bypass structure, reducing costs and simplifying design so unit can be placed in a "sag" condition.

Hydromodification

BioPod system can be used in conjunction with other Oldcastle detention systems to address hydromodification and water treatment requirements. Collected flows may be utilized to supplement irrigation of the unit or surrounding vegetated areas by integrating a harvesting system, reducing consumption of local potable water.

LEED WITH BIOPOD

Can assist in earning LEED credits for:

- Sustainable Sites (6.1, 6.2)
- Water Efficiency (1.1, 1.2, 3.1, 3.2)
- Materials & Resources (4.1, 4.2; 5.1, 5.2 in AZ, CA, NV, UT)

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