

Dealing with Impervious Cover Removal

URBAN STORMWATER WORKGROUP

JANUARY 19, 2021

Background

Impervious Cover Removal (Impervious Surface Reduction)

- Already Existed as a BMP in CAST
- Land Use Change from Turf to Impervious
- About 700 acres reported to date

Impervious Cover Disconnection

- 2017 Expert Panel report
- Has a default, but can be reported as Runoff Reduction
- About 100 acres reported to date (all in MD)



A Refresher...

- Provides a history of the different ways ICR has been reported
 - Clarifies the differences between when to report ICR, ICD, and Urban Filter Strips
 - Recommends transition from LU change BMP to efficiency BMP
 - Clarifies back-out with high res land use data (consistent with Tree BMPs)
 - Recommends fix to CAST
-
- Approved by USWG in October
 - Presented to WTWG in November

WTWG Concerns

- As an efficiency BMP, ICR could not be combined with Conservation Landscaping
- As an efficiency BMP, ICR acres would not be backed out – creating double-counting potential

Two Options:

- Leave ICR as a land use change BMP, credited as conversion from IC to turfgrass
- Stick with proposed change to efficiency BMP

ICR Staying a LU Change BMP

- Allows ICR to be stacked with CL
- Avoids double counting by following existing back-out procedures
- Keeps rest of memo the same (pollutant efficiencies are removed – available for planning purposes)
- Creates negative P load when converting buildings/other