

# FOR THE HOMEOWNER



DUPAGE COUNTY

Stormwater Management



## ESTIMATED SEASONAL HIGH WATER TABLES (ESHWT)

The estimated seasonal high water table (ESHWT) is the highest level at which the soil is saturated with water, known as subsurface drainage. Prior to installing a PCBMP, homeowners must be aware of where the ESHWT is on their property because an infiltration practice cannot be placed within two feet of the high water mark. In order to determine if high water tables may affect your project, a soil scientist can conduct test holes or borings for site-specific water table conditions. To obtain a list of soil scientist, please contact DuPage County Stormwater Management.

DUPAGE COUNTY

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Post-Construction BMPs

# POST-CONSTRUCTION BEST MANAGEMENT PRACTICES

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## WHAT ARE PCBMPs?

Post-Construction Best Management Practices (PCBMPs) offset the impact of development to our roads, homes, businesses, and natural areas to minimize these impacts. Impervious areas increase our risk of flooding and compromise water quality in our streams, lakes, and wetlands. Impervious surfaces are manmade surfaces that prevent infiltration of rainwater into the soil. The Countywide Stormwater Ordinance requires PCBMPs for certain new development.

## WHEN ARE PCBMPs REQUIRED?

PCBMP requirements apply to every type of development that has a new net increase of 2,500 square feet or greater of impervious area or surface, such as non-permeable concrete, asphalt, structures like houses and sheds, patios, and compacted gravel parking surfaces.

## WHAT OPTIONS DO I HAVE?

- Consider reducing your impervious area footprint so that your net new impervious area will be less than 2,500 square feet.
- Your development may have an existing PCBMP, such as detention pond designed to hold back and filter storm water. If certain criteria are met for the pond, it may also serve as your PCBMP.
- Install a PCBMP.

## WHAT ARE EXAMPLES OF PCBMPs?

### Turf Swale

A shallow trench filled with rock that can be covered with lawn.



### Permeable Pavers

Reduce impervious area with a rock reservoir below that holds water long enough for it to infiltrate into the soil.



### Drywell

A rock filled reservoir that can be covered with topsoil and planted with lawn or other plants.



### Detention Basins

A deeper depression that holds larger volumes of water to filter out pollutants of concern.



### Rain Garden

A shallow depression, planted with deep rooted plants, which stores small amounts of water long enough for it to drain or infiltrate the soil.



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FOR MORE INFORMATION...

[www.dupageco.org/swm](http://www.dupageco.org/swm)