

**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 scientists, please contact DuPage County Stormwater Management.



DUPAGE COUNTY

STORMWATER MANAGEMENT

421 North County Farm Road
Wheaton, IL 60187

(630) 407-6673

stormwatermgmt@dupagecounty.gov





@dupageswm

FOR THE HOMEOWNER:
POST-CONSTRUCTION
BMPS

STORMWATER MANAGEMENT





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POST-CONSTRUCTION BEST MANAGEMENT PRACTICES

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Call us: (630) 407-6673

WHAT TO KNOW ABOUT PCBMPs

Post-Construction Best Management Practices or PCBMPs offset the impact of development to our roads, homes, businesses and natural areas.

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

You can avoid PCBMP requirements by reducing your impervious area footprint so that your new net impervious area will be less than 2,500 square feet.



PCBMP EXAMPLES

There are a handful of different PCBMPs that are both simple and effective. A turf swale or drywell can both be covered with vegetation while serving as a trench and a reservoir, respectively. There is also the option of a rain garden, which is a shallow depression that is planted with deep rooted plants. Rain gardens store small amounts of water long enough for it to drain or infiltrate the soil.

Further, permeable pavers serve as a great PCBMP. This is because they reduce impervious area with a rock reservoir below that holds water long enough for it to infiltrate into the soil. Detention basins (pictured to the left) are just as good, as they offer a deeper depression that holds larger volumes of water to filter out concerning pollutants.

A FEW ADVANTAGES

The porous nature of permeable pavers (pictured below) can reduce stormwater runoff. The ability for infiltration to occur can be beneficial in the long run, especially due to the increasing amounts of intense rainfall.

On the other hand, rain gardens (center picture) can serve as a filter for runoff pollution. They work to conserve water while simultaneously improving the quality of waterways nearby.

The benefits speak for themselves. Consider implementing one of these PCBMPs today!

