



Stormwater Solutions Rain Garden Tour

Property 2019-7: Permeable Pavement

PERMEABLE PAVEMENT is a method of paving that allows stormwater to seep into the ground as it falls, rather than running off into storm drains and waterways. Permeable pavements (also known as porous pavement or pervious pavement) have a base and subbase that allow the movement of stormwater through the pavement. By stopping stormwater from pooling and flowing away, permeable paving can help recharge underlying aquifers and reduce peak flows and flooding. Streams can flow more consistently and at cooler temperatures, contributing to healthy ecosystems. In addition to reducing runoff, permeable paving effectively traps suspended solids and filters pollutants from the water. Stormwater pollutants can be broken down in the soil, instead of being carried to streams, river, bays, and the ocean.

www.montgomerycountymd.gov/water/stormwater/

Project Location	Driveway
Project Size	622 sq ft
Drainage Area Treated	1461 sq ft
Rain Amount Treated	2.4 inches
Installation Year	2017
Contractor	First Impression Hardscapes, LLC



HOMEOWNER COMMENTS We are thrilled with our permeable paving driveway which we were only able to have installed after we lost a very large oak tree in the front yard. At that point, we were able to cut the old roots crossing under the drive. We believe it has greatly reduced the amount of water running from the roof and driveway down the back hill, and it has certainly improved the appearance of the house and garden!

FoCJC does not endorse any specific person or product.

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