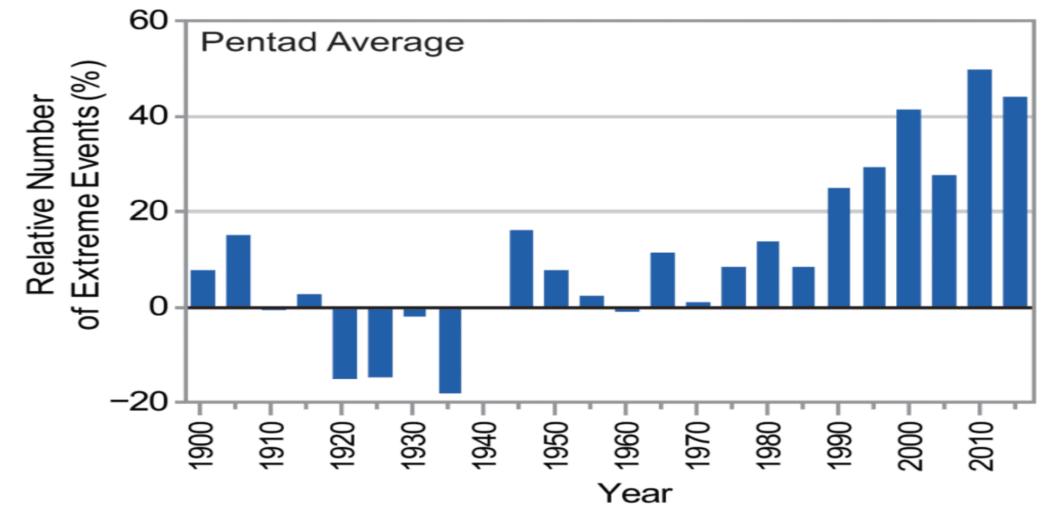


Managing Stormwater at Home

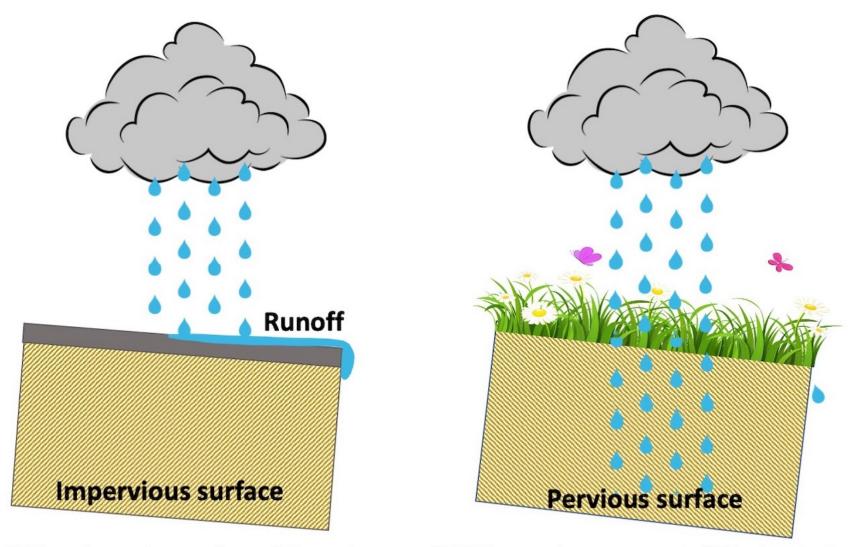
Ryan Kopp, Stormwater Innovation Center Director Rebecca Reeves, Education & Outreach Manager

Climate Change – Increase in Rainfall Intensities

2-Day Precipitation Events Exceeding 5-Year Recurrence Interval



What is stormwater runoff?



With an impervious surface, all the water runs off. With a pervious one, most of it is absorbed by the soil. III.: Illustoon.com & favpng.com

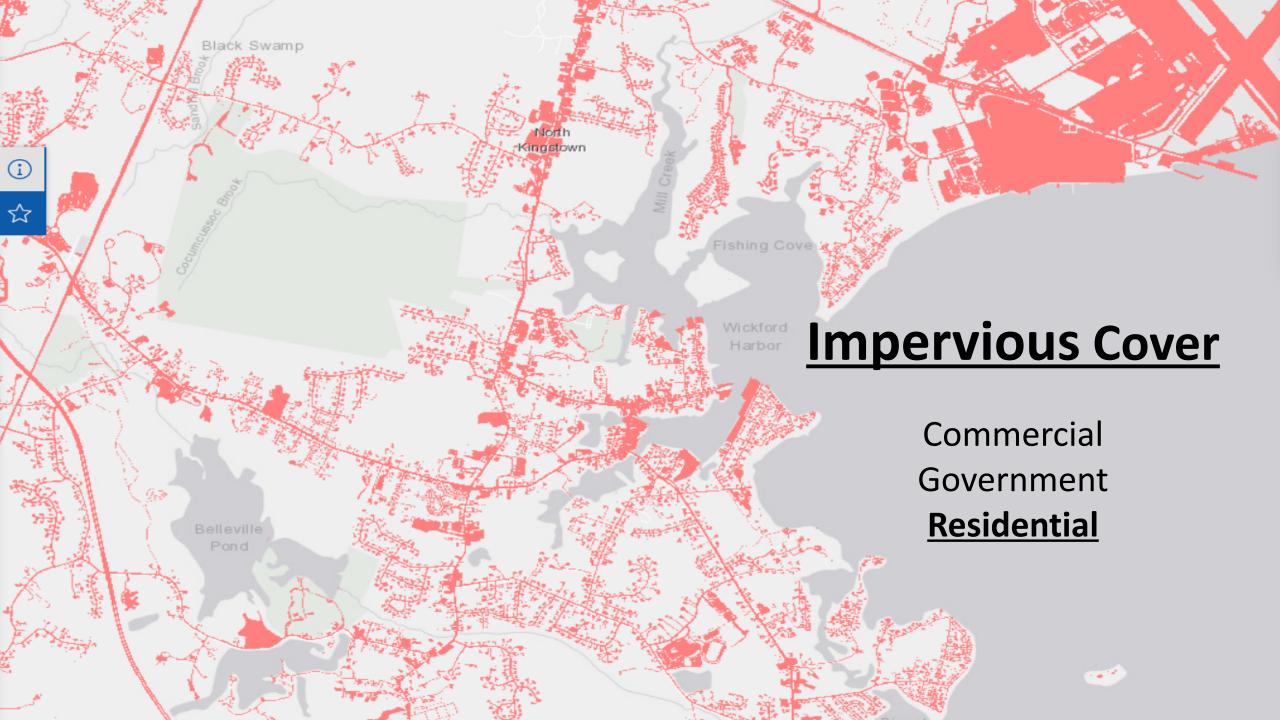




Water Quality

Water Quantity





Yard Chemicals – Fertilizers - Pesticides

Replace impervious with more pervious

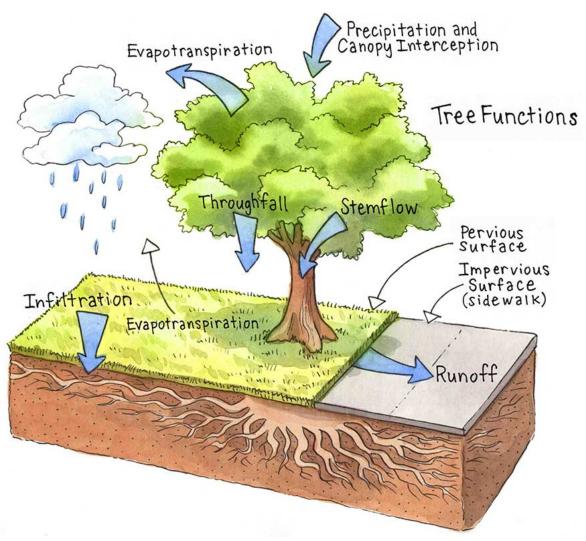


Permeable Pavers



Plant Trees – 1000 gallons of stormwater per year





Good Housekeeping

Pet Waste



Chemical Disposal



Car Washing



Cover Trash



Rain Barrels

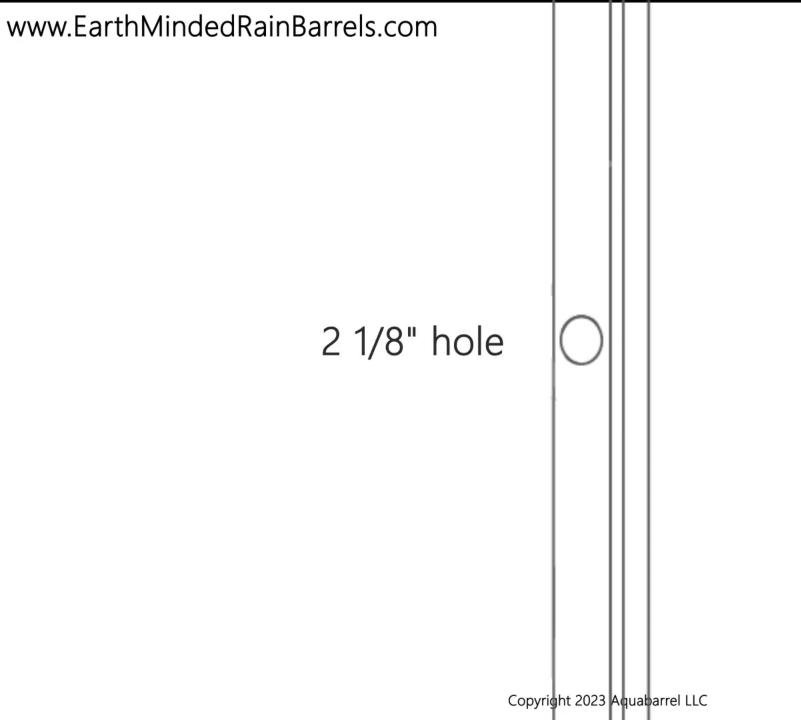






Rain Barrel Retrofit Kits





www.EarthMindedRainBarrels.com







www.EarthMindedRainBarrels.com





Rain Gardens



Step 1 – Identify your downspouts





Step 2 – Is there a good rain garden location nearby?

Step 3 – Test your soil



Step 4 – Measure your roof area



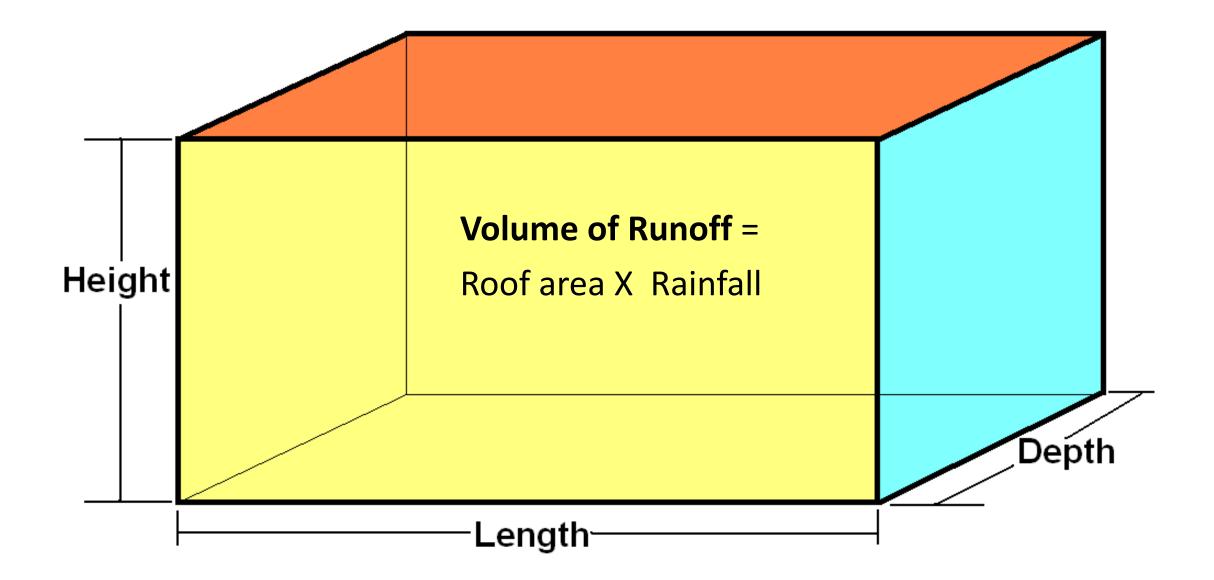
Step 5 – Depth of rain to capture



1-3 inches advised

Dependent on available space

Step 6 – Calculate Runoff Volume

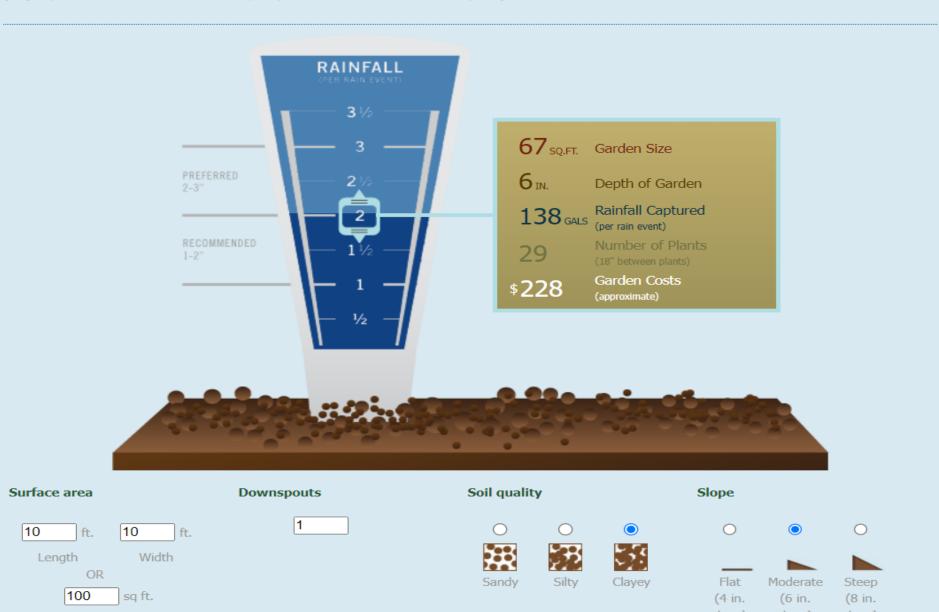


Step 7 - Dig rain garden to match calculated volume



What size garden do I need?

Before using our garden calculator below, read these guidelines to get you started. The size of your garden is determined by a number of variables. Some of these are established by the conditions of your yard (such as soil type and yard slope), while others are determined by you (such as amount of roof top to be addressed or rainfall to prepare for). Enter information for the four items across the top (surface area, downspouts, soil type, and slope) then slide the rain gauge up and down to see how rainfall capacity influences the size and cost of your garden.



Step 8 – Extend downspout to rain garden



Step 9 – Plant with natives







Stormwater at Home



Rain Garden Guide



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