

Calculate Roof Runoff

To estimate the amount of stormwater runoff your roof produces in a 1-inch rain event, take the square footage of your roof and multiply it by 623, then divide that number by 1,000.

Michigan's average yearly precipitation is 32 inches, meaning a 2,000 square foot home produces nearly 40,000 gallons of stormwater runoff each year! Driveways and decks add even more.

Capture and reuse some of this water by utilizing a rain barrel at your home. You can reduce your water bill during dry periods, prevent erosion from gutter downspouts, and help limit the amount of runoff that could otherwise transfer pollutants through the stormsewer system!



Your actions can help
keep our water clean.
Find out how and
spread the word!



**GREATER LANSING
REGIONAL COMMITTEE**

FOR STORMWATER MANAGEMENT

www.mywatersheds.org

*For more information or to learn more about
protecting our water, visit the links below or contact
the Tri-County Regional Planning Commission.*

www.MyWatersheds.org

www.PollutionIsntPretty.org

(517) 393-0342



TRI-COUNTY
regional planning commission



**POLLUTION
ISN'T PRETTY.**

Green Infrastructure at Home



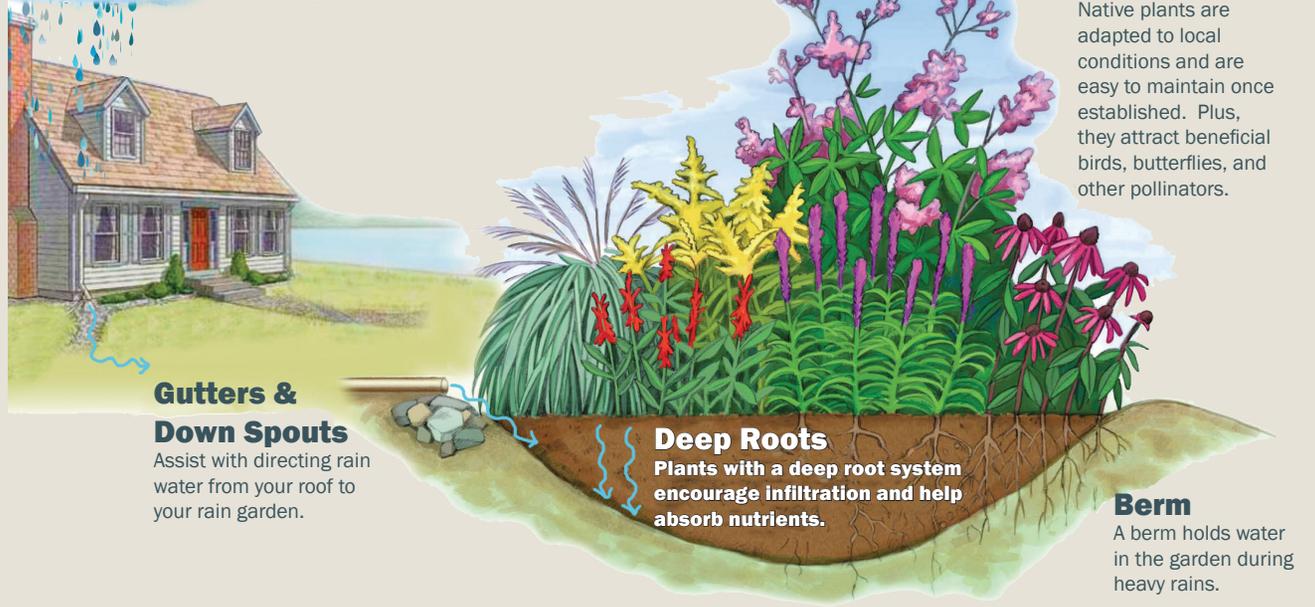
Green Infrastructure at Home

When rainwater falls on a natural landscape, the vegetation and soils collect and absorb much of it. But when rainwater falls on impervious surfaces like a parking lot or rooftop, the water flows off into storm drains and drainage ditches. Pollutants such as pet waste, chemical fertilizers and leaking motor oil are swept up with the runoff that eventually discharges into our lakes, rivers, and streams without undergoing any treatment.

Green infrastructure mimics natural landscapes by capturing excess runoff on site, reducing runoff volumes and filtering out pollutants that would otherwise enter and impact our surface water resources. You can help protect local water quality by utilizing a rain barrel, planting a rain garden with deep rooted native plants, and incorporating other forms of green infrastructure at your home.

Visit MyWatersheds.org for ideas, planting guides, and other green infrastructure resources!

How does a rain garden work?



A rain garden is a planted depression in the landscape that collects water from roof downspouts, driveway runoff or sump pump discharges and allows it to soak into the ground rather than enter the storm sewer system. Planted with native grasses and flowering perennials, rain gardens are a cost effective, low maintenance and beautiful way to reduce and filter runoff from your property. Create a butterfly habitat, prevent flooding, and make your lawn more attractive by installing a rain garden at your own home!

