

TOPIC:

GRAY and GREEN INFRASTRUCTURE

Overview

Gray infrastructure is the term commonly used to describe traditional stormwater drainage infrastructure. This primarily consists of pipes and structures, including manholes and storm drain inlets. This infrastructure is designed to convey water between different locations on a site in order to promote proper drainage and prevent flooding. Green infrastructure, at its most basic, describes stormwater management strategies that are designed to convey and filter rainwater runoff through plants and soils. This is important because stormwater runoff carries a wide variety of pollutants and once it enters a pipe, it is carried directly to the streams, rivers and lakes that supply drinking water and recreation opportunities for many Hoosiers.

Impacts on Our Water

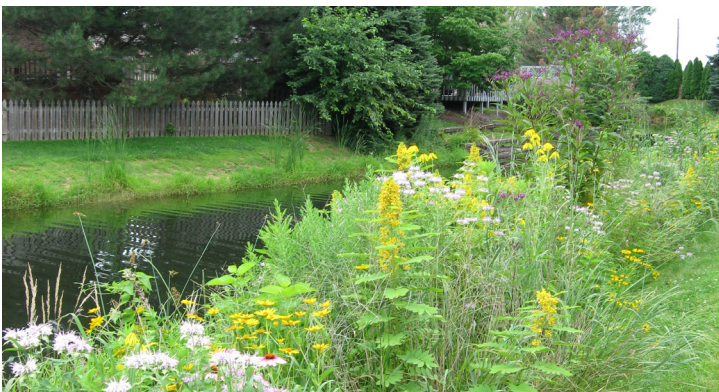
Stormwater runoff is the leading source of pollution of U.S. waterways, which greatly increases the cost of treating drinking water and your utility bills. Many Indiana communities must now comply with permits based on the Clean Water Act which require the implementation of measures to reduce the amount of pollution that enters our water bodies from stormwater.

More Information

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A naturalized buffer protects water quality



Stormwater pipes often lead to retention ponds before release into our waterways