



CRWC

CLINTON RIVER WATERSHED COUNCIL



A CITIZEN'S GUIDE TO GREEN INFRASTRUCTURE

When rain falls and snow melts, the runoff produced picks up a variety of contaminants such as oil, metals, salts, pet waste, fertilizer, and grass clippings as it flows over roofs, roadways, sidewalks and lawns.

Stormwater runoff ultimately flows into storm drains.

Remember: storm drains lead directly to our local rivers and streams.

Green Infrastructure (GI) is used to manage the quality and quantity of stormwater. Natural and porous surfaces help to capture and filter stormwater. This slows the flow to ease flooding and helps to filter out pollutants. Instead of stormwater entering storm drains directly from roofs, roadways, and sidewalks, the water is absorbed and processed in a more natural way.

TYPES OF GREEN INFRASTRUCTURE

- Downspout disconnection
- Rain barrels
- Rain gardens
- Planter boxes
- Bioswales
- Permeable pavements
- Green spaces
- Green roofs
- Urban tree canopy
- Land conservation

BENEFITS OF GREEN INFRASTRUCTURE

- Stormwater capture & retention
- Filtration by plants
- Reduced flooding & erosion
- Improved water and air quality
- Habitat creation for wildlife and pollinators
- Evapotranspiration
- Community development
- Beautification
- Increased property values
- Economic benefits
- Human health benefits



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