

Storm Water Management in Waveland

Mississippi has been blessed with abundant water resources, such as beautiful creeks, streams, rivers, estuaries, bays, and coastal waters. As our state continues to grow, we face challenges to maintain clean water bodies. Stormwater runoff occurs when rain flows over the land surface, a process that becomes less efficient with the building of new roads, driveways, parking lots, rooftops and other surfaces that prevent water from soaking into the ground. This runoff is carried to our local waters and can cause flooding and erosion, and wash away important habitat for aquatic life. Stormwater runoff also picks up and carries with it many different pollutants that are found on paved surfaces such as sediment, nitrogen, phosphorus, bacteria, oil and grease, trash, pesticides and metals. Stormwater runoff is the number one cause of stream impairment in urban areas.

To reduce the impacts of runoff on urban waters, EPA expanded the Clean Water Act in 1987 to require municipalities to obtain permits for discharges of stormwater runoff. As a result, Waveland adopted regulations requiring developers to install stormwater management practices to reduce the rate and/or volume and remove pollutants from runoff generated on their development sites.

The following web site links contain information on storm water and general water quality.

[EPA's Non Point Source Pollution Page](#)

[Non Point Source Kids Page](#)

[National Pollutant Discharge Elimination System](#)

What is My Responsibility?

The City of Waveland or a private property owner may occasionally determine a need to perform drainage work in order to protect the health, safety, and welfare of its owners.

If you are a property owner in Waveland, seeking assistance from the City with drainage work, the City has adopted regulations pertaining to proper stormwater management.

For more information about low impact ways to improve drainage on your property, you can consult the resources listed below.

Green Infrastructure and Low Impact Development Strategies for Managing Storm Water Runoff

How can your project work with nature to manage stormwater?

- Low Impact Development Center:
<http://www.lowimpactdevelopment.org>
- American Society of Landscape Architects (ASLA) Green Infrastructure Page:
<http://www.asla.org/greeninfrastructure.aspx>
- Residential Green Infrastructure Guide:
<http://www.cleanwaterways.org/downloads/brochures/ResGreenInfrastructure.pdf>
- Low-Impact Development Design Strategies – An Integrated Design Approach:
<http://www.princegeorgescountymd.gov/DocumentCenter/Home/View/86>
(Prepared by Prince George’s County, Maryland – Department of Environmental Resources – Programs and Planning Division – June 1999)
- Environmental Protection Agency (EPA) Green Infrastructure Page:
<http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm>

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