



The Town of Pittsboro, NC Stormwater Management Program

General Purpose

1. Implement a **regulatory program** to reduce the impacts of stormwater runoff from new development and re-development on our surface water resources, including Robeson Creek, tributaries and Jordan Lake. This program targets increased stormwater runoff pollutants, volume and velocities associated with new development.
2. Implement a **public education program** to involve the public and demonstrate what stormwater runoff is, what its negative impacts are, and incorporate stormwater Best Management Practice (BMP) *retrofits* to reduce runoff pollutants and volume from existing development.
3. Implement a program to identify and maintain our **public drainage infrastructure**. This includes street sweeping, cleaning out inlets and storm culverts, maintaining and restoring swales/ditches and improving areas with chronic flooding problems.
4. Promote **smart site design** for new development. This method takes advantage of and utilizes existing vegetation, soils, slopes and other natural features. Includes minimizing land disturbance, using Low Impact Design methods and exiting natural features. Studies show that *smart site design* can reduce the cost of construction and can increase the market value of the development.

Example BMP Retrofit planned

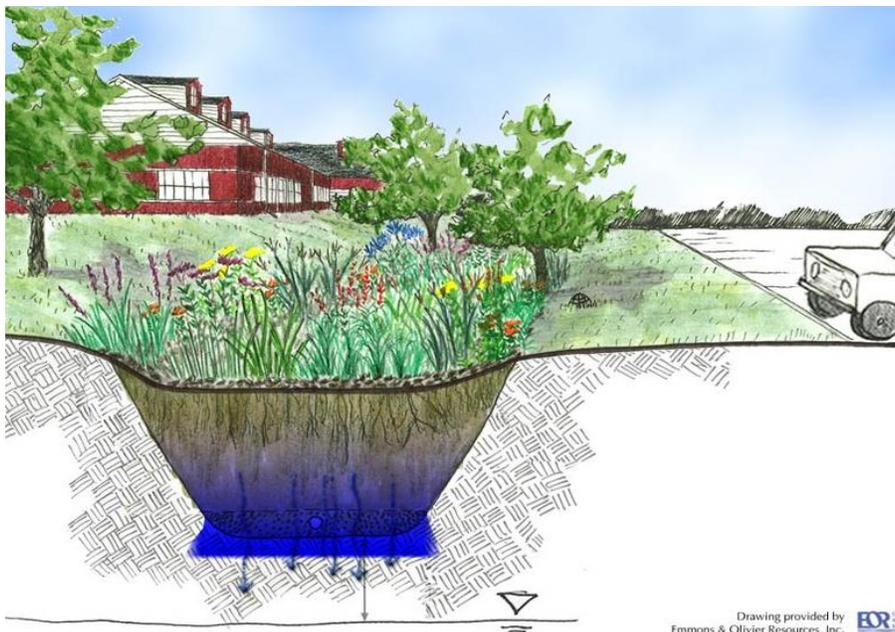


CONCEPT SKETCH, DOWNTOWN RAIN GARDEN

Bio-retention cells treat parking lot runoff



Infiltration is an effective method to mitigate stormwater runoff from impervious surfaces



Drawing provided by
Emmons & Olivier Resources, Inc. 

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