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Filter Media Mix Guidance
Updated September 21, 2020

Greenville County has made updates to the filter media mix that is utilized for Low Impact Development Best Management Practices (LID BMPs). This document reflects the latest guidance as of September 21, 2020.

What? LID BMPs improve water quality by filtering stormwater runoff through a permeable filter media. The specification for this filter media mix has been updated to the following:

The filter media shall be a uniform mix of sand and organic material meeting the following criteria.

- 80% medium to coarse washed sand
 - Use Masonry Sand
 - River Sand is NOT acceptable
- 20% stable composted material
 - Composted leaf/yard waste and organic/food waste are acceptable
 - Manure-based compost is NOT acceptable
- pH between 5.2 and 8.0 with an optimal range of 6.0 to 7.5

Receipt from the landscape supplier and documentation of pH test results must be provided to the County before BMP construction to verify compliance with these requirements.

Why? Updates to the filter media mix were made for the following reasons:

1. Water Quality: To ensure that filter media and LID BMPs are effective at pollutant removal to improve water quality of stormwater runoff and Greenville County waterbodies.
2. Ease of Implementation: To specify filter media that is composed of locally available materials and can be provided pre-mixed by landscape suppliers in Greenville County without extensive testing.
3. Encourage LID: To streamline the process of acquiring filter media and encourage the use of LID BMPs in Greenville County.

Where do I get it? There are landscape suppliers in Greenville County which have confirmed they can pre-mix and provide this filter media to order. Contact them in advance to arrange for timely filter media preparation.

Landscaper Supplier	Website	Phone Number
Upstate Materials	http://upstatematerialsandmulch.com/	864-220-5154
Hensons' Inc. Mulch and More	http://hensonsinc.net/	864-963-9330

Who to contact with further questions?

Additional information is available in the Greenville County Stormwater Management Design Manual. Appendix G (<https://www.greenvillecounty.org/LandDevelopment/dmappendixG.aspx>) contains LID BMP specifications. The specific LID BMPs that utilize filter media are Bioretention (WQ-05), Enhanced Dry Swale (WQ-08), Infiltration Basin (WQ-09), Rain Garden (WQ-14), and Planter Box (WQ-25).

Or use the information in the letterhead to contact the office.