

Carroll County Supplemental Materials Specifications for M-4 Infiltration Berms

Material	Specification	Size	Notes
Plantings	See Landscape Plan (not on berm)	N/A	Plantings are site specific and per approved landscape plan(not on berm)
Seed Mix	SHA Special Purpose Seed Mix Per MD Standards & Specifications §920.06.07b	200 lbs./Acre	Used with straw mulch in place of shredded hardwood mulch. Incorporate seed evenly in top ½” of filter media
Mulch	Shredded Hardwood (only for plantings)	N/A	Aged 6 months, minimum (only for plantings)
Straw Mulch	MD Standards and Specifications §920.04	2 Tons/Acre	1” Straw mulch over seed bed. (Filter, slopes, and embankment).
Berm Gravel	AASHTO M-43 No. 57 Stone	1” - ¼”	Stone must be clean and washed.
Sand	ASTM-C-33 (3 parts to 6 within Filter Media)	0.02”-0.04”	Sand substitutions such as Diabase and Graystone #10 are not acceptable. No calcium carbonate or dolomitic sand substitutions are acceptable. No “rock-dust” can be used for sand. Manufactured sand from approved sources may be used for filters. Manufactured sand may not be used in dams.
Soil (Topsoil)	Engineer approved loam with 20% or less clay. (1 part to 6 within Filter Media)	N/A	Must contain at least 5% organic matter.
Wood Chips	Untreated “Green” (2 parts to 6 within Filter Media)	N/A	Untreated “green” wood chips
Filter/Planting Media	Comprised of 3 parts sand, 2 parts wood chips, 1 part soil	2 ft Minimum	See individual material specifications

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