



BULLITT COUNTY CODE ENFORCEMENT

149 N. Walnut Street P O Box 768
Shepherdsville, KY 40165
502-921-2970

Proposed Water Quality Treatment Standard for Bullitt County

In addition to stormwater runoff control facilities, such as detention and retention basins, that are required through the Post-Construction Stormwater Runoff ordinance adopted by the Bullitt County Fiscal Court, any new development or redevelopment land disturbance activity shall be required to, in combination or alone, implement stormwater management measures that are designed, built and maintained to treat, filter, flocculate, infiltrate, screen, evapo-transpire, harvest and reuse stormwater runoff, or otherwise manage the stormwater runoff quality.

Stormwater management measures, also described as structural Best Management Practices (BMPs) or green infrastructure BMPs, that enhance the potential for infiltration and evapotranspiration typically include, but are not limited to, the following:

1. Grass swales
2. Filter strips
3. Infiltration basins
4. Dry, wet, and extended-wet detention ponds
5. Stormwater wetlands
6. Bioretention areas
7. Natural infiltration areas
8. Sand filters
9. Pervious pavements
10. Rain gardens

This on-site water quality treatment standard shall be applicable to any new development or redevelopment land disturbance activity as defined in the Post-Construction Stormwater Runoff ordinance, but only in locations within the Municipal Separate Storm Sewer System (MS4). Stormwater management measures are intended to improve the water quality of stormwater runoff before discharging into the MS4. The stormwater management measures shall be sized to capture the stormwater runoff volume from the 80th percentile precipitation event, equivalent to a rainfall event of 0.85 inches, at a minimum. The stormwater runoff volume from this rainfall event must completely pass through the stormwater management measure prior to discharging from the site.

Respectfully,

Rudy Hawkins, MS4 Coordinator