

**Abstract: Introduction to the Phase II, MS4 Permit and an overview of the City of Jackson's stormwater ordinances.**

This presentation offers an introduction to the Stormwater Phase II, Municipal Separate Storm Sewer System (MS4) permit, why it focuses on stormwater quality, and how cities are overhauling their ordinances and enforcement actions to comply. Historical references are compared to local issues, showing how everyone can have a stormwater issue whether they know it or not. The discussion will highlight why many of the things required by the MS4 permits can actually save developers time and money by using modern best management practices (BMPs) that last longer and require less maintenance, or how replacing "hard" structures with "green" conveyances can reduce costs. The six Minimum Control Measures (MCMs) required by the MS4 permit are discussed, as well as how the permit holders are to enforce them. Post-Construction Runoff Control is explored in detail since it has the greatest potential for long-term impact on water quality. New water quality BMPs are discussed and contrasted with stormwater runoff volume controls that have historically been used. The City of Jackson's stormwater ordinances will be presented and discussed in relation to how they meet the requirements of the MS4 permit and how they can be modified to encourage better development practices.

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