

CHAPTER 1: INTRODUCTION

This manual supplements the Wayne County Storm Water Management Ordinance, Chapter 95 (Stormwater Management) of the Code of Ordinances of the Charter County of Wayne, as amended (Enrolled Ordinance No. 2006-1114A (December 19, 2006)); and the Wayne County Storm Water Management Administrative Rules, as amended (Resolution No. 2006-1114B (December 19, 2006)). For ease of reference in this manual, the Wayne County Storm Water Management Ordinance, Administrative Rules, and this manual are collectively referred to as the “Storm Water Management Standards.”

The purpose of this manual is to outline key elements of the Ordinance and Rules and to assist with their implementation. The manual describes storm water management requirements that apply to development projects within Wayne County’s jurisdiction. Specifically, the manual describes:

- Performance standards for storm water management systems. The County established the performance standards to control flooding and manage the adverse water quality impacts that can result from property development.
- Design criteria for the various components of storm water management systems. Applicants for storm water construction approval select various components to meet the performance standards.
- Design and maintenance information for various Best Management Practices (BMPs). BMPs provide multiple environmental benefits, including managing water quantity and improving water quality.

Many development and construction projects that require Wayne County review and approval must conform to the Standards. In general, the types of projects that are subject to the Standards include:

- residential, commercial, and industrial subdivisions
- mobile and manufactured home parks
- projects that impact storm water runoff into or around new or existing
 - Wayne County Road rights-of-way;
 - County Road drainage facilities;

- storm sewer systems owned, operated, or controlled by the County; and
- projects that impact storm water runoff into or around Wayne County Drains
- projects that impact storm water into, on, or through properties owned by Wayne County (e.g., County parks)
- projects developed, designed or constructed by Wayne County
- projects that occur within and impact or may impact water quality or water resources in watersheds or sub-watersheds included in the County’s General Permit for municipal storm water discharges (“Storm Water Discharges from Municipal Separate Storm Sewer Systems (MS4s) Subject to Watershed Plan Requirements,” General Permit No. MIG619000).

If a proposed development presents unique flood control or water resources protection issues at a development site, on adjacent properties, or downstream of a development site, more stringent performance standards and design criteria than those described in the Standards may be imposed.

The obligation to enact and implement storm water standards was imposed upon the County, local governments, and other public agencies by Phase II of the federal National Pollution Discharge Elimination System (NPDES) storm water regulations. These obligations include the development, implementation, and enforcement of programs to manage storm water from development projects. Managing storm water will help to minimize flooding problems, erosion, and the loss of natural resources.

Chapter 4 describes how to obtain a Wayne County storm water construction approval for a project that is subject to the Wayne County Standards. Developers work with the Permit Office of the Engineering Division, Wayne County Department of Public Services, to obtain a storm water construction approval and implement the requirements of the Wayne County Standards. Chapter 12 lists contacts for

Wayne County's storm water management program and other permitting agencies that may be involved in a development project.