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## **CHAPTER I**

### **Storm Water Runoff and Its Impact**

Chapter 1 discusses storm water runoff, potential pollutants, and the impacts that are associated with land disturbance, construction activity, and final land use.

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## **CHAPTER 2**

### **Construction Site Assessment & Planning**

Chapter 2 provides a step-by-step process for site assessment and planning. Information includes site assessment, inventory, data collection, availability of resource information, and final analysis of data. Site assessment and planning are critical to all projects to ensure that all resource issues are adequately addressed and planning of the project will best match the resource issues associated with the site.

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## CHAPTER 4

### Planning Principles & Design Considerations

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### **Storm Water Pollution Prevention Plan**

Chapter 5 provides:

- A description of how to prepare a storm water pollution prevention plan;
- A step-by-step procedure that walks the plan designer through the process of developing a plan that addresses pollution prevention from preconstruction all the way through the final land use;
- Information on the assessment of pollutants associated with preconstruction, construction, and post-construction activities; and
- Guidance in developing a construction sequence schedule and selecting appropriate storm water quality measures that will minimize the impact of pollutants generated during construction phases as well as those generated from the inherent land use after the final project is completed.

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### Storm Water Quality Measures: Construction & Land-Disturbing Activities

Chapter 7 describes and illustrates various erosion and sediment control measures associated with construction activities. In addition, there are several measures that address site management and techniques specifically targeted to other pollutants that are associated with construction activities. Information provided under each measure typically includes a definition, purpose, design and construction guidelines/specifications, installation/application, and maintenance. These measures should be evaluated for feasibility and designed by a qualified individual. All structural measures should be designed by a professional engineer.

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## CHAPTER 8

### Storm Water Quality Measures: Post-Construction

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## CHAPTER 9

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## **Appendices**

The appendices contain a glossary of common terms, a list of exhibits and worksheets for many of the storm water quality measures contained in Chapter 7 of the manual, technical information on various erosion and sediment control measures and materials, and a list of references in the writing of this manual.

**Appendix A:** Glossary of Terms

**Appendix B:** Worksheets & Exhibits

**Appendix C:** Guide for Use of Geotextiles

**Appendix D:** Indiana Department of Transportation  
Coarse Aggregate Size Specifications

**Appendix E:** Reading and Understanding Fertilizer Labels

**Appendix F:** Seed Standards for Indiana

**Appendix G:** U.S. Department of Agriculture—Natural Resources  
Conservation Service Standards & Specifications for  
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- Constructed Wetland
- Diversion
- Filter Strip
- Grade Stabilization Structure
- Grassed Waterway
- Lined Waterway or Outlet
- Mulching
- Pond
- Riparian Forest Buffer
- Sediment Basin
- Streambank and Shoreline Protection
- Stream Channel Stabilization
- Subsurface Drain
- Tree/Shrub Establishment
- Well Decommissioning

**Appendix H:** References

**Appendix I:** Disclaimer & Updates

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