Water Quality Management Plan (WQMP)
NPDES Stormwater Training
Protecting Water Quality Through Development Planning and Design

Training provided to municipal staff involved in development review, project planning, and post-construction stormwater management activities focuses on the following:

1. Water Quality Management Plan (WQMP)

2. When a WQMP is needed (for what type of project)

3. Best Management Practices (BMPs) that should be implemented to ensure the pollutants of concern are addressed
   a. Low Impact Development/Site Design BMPs
   b. Source Control BMPs
   c. Treatment Control BMPs

4. Using the WQMP Template

Core messages are provided below to highlight the key concepts and responsibilities that staff should understand to support effective implementation of MS4 permit requirements.

Message I: WQMPs are designed to address post-construction stormwater impacts and protect water quality through permanent BMPs.

Message II: Bioretention basins and other permanent BMPs are commonly used to meet WQMP requirements.

Message III: Property owners or other responsible parties are responsible for maintaining post-construction BMPs.

Message IV: Low Impact Development (LID) practices help mimic natural hydrology by promoting infiltration, evapotranspiration, and runoff reduction.

Message V: WQMP BMPs require routine inspections and maintenance to remain effective.

Message VI: Routine maintenance and inspections support long-term BMP effectiveness and compliance.