

4A Presentation Outline

[Municipality]
Urban Runoff Utility Presentation
[Date]

I. [Municipality] Stormwater Management Program

- Current Problems
 - Capital Replacement/Improvement Program [*funding status, ie: funded, unfunded, underfunded*]
 - Operations & Maintenance [*funding status*]
 - Federal Regulations [*funding status*]

- Water Quality Contaminants
 - Floatables
 - Petroleum Products
 - Heavy Metals
 - Pesticides and Fertilizers (Diazinon, etc.)
 - Fecal Coliform
 - Detergents
 - Erosion (turbidity/sediment)

- Conveyance System Deficiencies & Requirements

- Urban Runoff Program Capital Improvement/Replacement Plan
[*Table including costs for individual projects*]

- NPDES Phase II History
 - 2/87 Water Quality Act Amendments
 - 11/90 Phase I Regulations
 - 10/92 Permit Deadline for Phase II from 1987 Act
 - 8/7/95 Phase II Rule and Schedule
 - 9/1/97 Proposed Regulations
 - 3/1/99 Final Regulations
 - 8/7/01 Permit Applications Due from Selected Sources

II. EPA Water Quality Requirements (Clean Water Act)
NPDES Phase II (Six minimum measures)

- Public Education & Outreach
 - Education Materials
 - Teacher Education Workshops
 - Best Management Practices Handouts
 - Door Hangers

- Public Involvement
 - Volunteer Storm Drain Stenciling Program
 - Volunteer Storm Water Monitoring Program
 - Volunteer Industry Educators

- Illicit Discharge Detection & Elimination
 - Inspections
 - Utilize Volunteer Monitoring Program for Early Detection and Tracing Pollutants to their Sources

- Construction Site Erosion Control
 - Develop requirements
 - Inspect sites
 - Storm Water Pollution Prevention Plans

- Post-Construction Storm Water Management
 - Develop requirements for new development inclusions for stormwater (detention/retention, maintenance, etc.)
 - Include requirements in site plan review comments
 - Maintenance

- Good Housekeeping/Pollution Prevention for Municipal Operations
 - Employ Pollution Prevention Practices
 - Technical Training for all Staff involved in Urban Runoff Issues

- Additional Staffing Requirements for Urban Runoff Programs

- Solutions
 - Ordinance
 - Prohibit Illicit Discharges
 - Prohibit Illegal Connections
 - Provide for Development and Implementation of BMPs
 - Require Structural Controls for New Development/Redevelopment
 - Comply with NPDES Phase II Permitting Requirements
 - Technical Training
 - Public: BMPs
 - Staff: Good Housekeeping/ Pollution Prevention Practices
 - Public Outreach: [*Monitoring, Storm Drain Stenciling, etc.*]
 - Public Education: [*School Programs, Displays, Media, etc.*]
 - Financing