

## Appendix 13

### Outline for Storm Water Management Plan

#### I. Introduction

- A. Name of jurisdiction(s), joint submissions are encouraged
- B. Area covered (map)
- C. Responsible official(s)

#### II. Best Management Practices<sup>1</sup> - document plans and progress to implement the following (items 2a - 2f are storm water phase II regulatory requirements, 40CFR 122.34(b), see EPA 833-F-.011 Fact Sheet 2.9):

- A. Public education and outreach on storm water impacts
  - 1. You must implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff.
  - 2. Measurable goal (narrative or numeric) to assess progress, effectiveness
  - 3. Schedule and milestones
  - 4. Responsible official(s)
  - 5. Reference [http://www.epa.gov/npdes/menuofbmps/pub\\_ed.htm](http://www.epa.gov/npdes/menuofbmps/pub_ed.htm)
- B. Public participation/involvement
  - 1. You must, at a minimum, comply with state and local public notice requirements when implementing a public involvement/participation program.
  - 2. Measurable goal (narrative or numeric) to assess progress, effectiveness
  - 3. Schedule and milestones
  - 4. Responsible official(s)

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<sup>1</sup>Ohio EPA will provide a list of BMPs from U.S. EPA (see web sites listed) and *Rainwater and Land Development Ohio's Standards for Stormwater Management Land Development and Urban Stream Protection* (Second edition, Ohio DNR, 1996).

5. Reference [http://www.epa.gov/npdes/menuofbmpps/pub\\_inv.htm](http://www.epa.gov/npdes/menuofbmpps/pub_inv.htm)
- C. Illicit discharge detection and elimination
1. You must develop, implement and enforce a program to detect and eliminate illicit discharges (as defined at 40 CFR 122.26(b)(2)) into a MS4.
  2. You must:
    - a. Develop, if not already completed, a storm sewer system map, showing the location of all outfalls and the names and location of all waters of the State that receive discharges from those outfalls;
    - b. To the extent allowable under State or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into your storm sewer system and implement appropriate enforcement procedures and actions;
    - c. Develop and implement a plan to detect and address non-storm water discharges, including illegal dumping, to your system; and
    - d. Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.
  3. Measurable goal (narrative or numeric) to assess progress, effectiveness
  4. Schedule and milestones
  5. Responsible official(s)
  6. Reference <http://www.epa.gov/npdes/menuofbmpps/illicit.htm>
- D. Construction site storm water runoff control
1. You must develop, implement, and enforce a program to reduce pollutants in any storm water runoff to your MS4 or streams in the watershed from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of storm water discharges from construction activity disturbing less than one acre must be included in your program if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. If the NPDES permitting authority waives requirements

for storm water discharges associated with small construction activity in accordance with 40 CFR 122.26(b)(15)(i), you are not required to develop, implement, and/or enforce a program to reduce pollutant discharges from such sites.

2. Your program must include the development and implementation of, at a minimum:
  - a. An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under State or local law;
  - b. Requirements for construction site operators to implement appropriate erosion and sediment control (ESC) best management practices;
  - c. Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;
  - d. Procedures for site plan review which incorporate consideration of potential water quality impacts;
  - e. Procedures for receipt and consideration of information submitted by the public, and
  - f. Procedures for site inspection and enforcement of control measures.
3. Measurable goal (narrative or numeric) to assess progress, effectiveness
4. Schedule and milestones
5. Responsible official(s)
6. References: *Rainwater and Land Development Ohio's Standards for Stormwater Management Land Development and Urban Stream Protection* (Second edition, Ohio DNR, 1996).  
[http://www.epa.gov/npdes/menuofbmps/con\\_site.htm](http://www.epa.gov/npdes/menuofbmps/con_site.htm)

E. Post-construction storm water management in new development/redevelopment. Water quality concerns in rapidly developing watersheds make it especially important to investigate and promote the use of BMPs that protect stream channels and associated riparian vegetation and

increase rainwater infiltration in post construction site design.

1. You must develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into a MS4, or streams in the watershed. Your program must ensure that controls are in place that would prevent or minimize water quality impacts.
2. You must:
  - a. Develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMPs) appropriate for your community;
  - b. Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State or local law;
  - c. Ensure adequate long-term operation and maintenance of BMPs.
3. Measurable goal (narrative or numeric) to assess progress, effectiveness
4. Schedule and milestones
5. Responsible official(s)
6. References: *Rainwater and Land Development Ohio's Standards for Stormwater Management Land Development and Urban Stream Protection* (Second edition, Ohio DNR, 1996).  
<http://www.epa.gov/npdes/menuofbmps/post.htm>

F. Pollution prevention/good housekeeping for municipal operations

1. You must develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Using training materials that are available from U.S. EPA, Ohio EPA, or other organizations, your program must include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance,

new construction and land disturbances, and storm water system maintenance

2. Measurable goal (narrative or numeric) to assess progress, effectiveness
3. Schedule and milestones
4. Responsible official(s)
5. Reference <http://www.epa.gov/npdes/menuofbmpps/poll.htm>

**III. Maps of stream & drainage channels, adjacent land parcels showing current and planned use**

- A. What ordinances, regulations, or other measures, if any, exist or are planned that will preserve the riparian corridor?
- B. This can be done with Franklin County Auditor's GIS data - Example: Blacklick Creek and tributary in Jefferson Township (zoned restricted suburban)

**IV. Up to date zoning for all land parcels in Rapidly developing watersheds.**

- A. Map for city or township
- B. Identify undeveloped land parcels likely to be developed in next 2 years