TDEC Small MS4 Annual Report  
July 1, 2006 – June 30, 2007  
Report due September 30, 2007  

Permittee Tracking No. TNS 075582  

Permittee Name: Knox County MS4, Knox County, Tennessee  

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in part 6.7 of the small MS4 general permit.  

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”  

Signed Dated  
Mike Ragsdale, Knox County Mayor  
Printed Name and Title  

Send the annual report to the two addresses shown on the next page.
Submit your annual report to the Environmental Field Office for your county as shown in the map below and to the following address:

Mr. Vojin Janjic  
Tennessee Division of Water Pollution Control  
L&C Annex, 6th Floor  
401 Church Street  
Nashville, TN  37243-1534

A. List and Map of the TDEC Environmental Field Offices (EFOs) and Corresponding Counties

<table>
<thead>
<tr>
<th>EFO Name</th>
<th>EFO Address</th>
<th>List of Counties</th>
</tr>
</thead>
</table>
| Chattanooga | TDEC Division of Water Pollution Control  
State Office Building, Suite 550  
540 McCallie Ave  
Chattanooga, TN  37402  
(423) 634-5745 | Bledsoe, Bradley, Grundy, Hamilton, McMinn, Marion, Meigs, Polk, Rhea, Sequatchie |
| Columbia | TDEC Division of Water Pollution Control  
2484 Park Plus Dr  
Columbia, TN  38401  
(931) 380-3371 | Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne |
| Cookeville | TDEC Division of Water Pollution Control  
1221 South Willow Ave  
Cookeville, TN  38506  
(931) 432-4015 | Cannon, Clay, DeKalb, Fentress, Grundy, Jackson, Macon, Overton, Pickett, Putnam, Smith, Trousdale, Van Buren, Warren, White |
<p>| Jackson | TDEC | Benton, Carroll, Chester, Crockett, |</p>
<table>
<thead>
<tr>
<th>Location</th>
<th>Address</th>
<th>Phone Numbers</th>
<th>Counties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson City</td>
<td>Division of Water Pollution Control</td>
<td>1625 Hollywood Drive, Jackson, TN 38305-2222, (731) 512-1300</td>
<td>Decatur, Dyer, Gibson, Hardeman, Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, McNairy, Madison, Obion, Weakly</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TDEC, Division of Water Pollution Control</td>
<td>Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, Washington Counties</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2305 Silverdale Rd, Johnson City, TN 37601, (423) 854-5400</td>
<td></td>
</tr>
<tr>
<td>Knoxville</td>
<td>TDEC, Division of Water Pollution Control</td>
<td>3711 Middlebrook Pike, Knoxville, TN 37921, (423) 594-6035</td>
<td>Anderson, Blount, Campbell, Claiborne, Cocke, Cumberland, Grainger, Hamblen, Jefferson, Knox, Loudon, Monroe, Morgan, Roane, Scott, Sevier, Union</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TDEC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2510 Mt. Moriah Rd, Suite E-645, Memphis, TN 38115-1511, (901) 368-7939</td>
<td>Fayette, Shelby, Tipton</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TDEC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>711 RS Gass Boulevard, Nashville, TN 37206, (615) 681-7000</td>
<td>Cheatham, Davidson, Dickson, Houston, Humphreys, Montgomery, Robertson, Rutherford, Stewart, Sumner, Williamson, Wilson</td>
</tr>
</tbody>
</table>
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## Status of Compliance with Permit Conditions (5.4.1) Six Minimum Measures, BMPs and Milestones

### B. Status of Compliance with BMP Milestones

The following table is designed for you to report the status of your progress in implementing storm water management BMPs. The table includes a list of BMPs by the code number. These BMP codes refer to the BMPs, and the respective codes, that you submitted to us in your NOI. [Or, in annual reports for years 2-5, these codes refer to amended BMPs as you reported to us in the previous year’s annual report]. Add rows if you have more than four BMPs; e.g., 1A, 1B, 1C, 1D, 1E, 1F.

Likewise, the milestone refers to the Year 1 milestone that you included in your NOI. [Or, in subsequent annual reports, the milestone refers to the milestone that you reported to us in the previous year’s annual report.]

You must check Yes or No for each of the BMPs that you submitted in your NOI.

- Check **Yes** if the BMP is essentially unchanged and you accomplished the milestone. Indicate a date of completion.
- Check **No** if you did not accomplish the milestone. If you check No, and you are not changing or replacing the BMP or the milestones, indicate the date you expect to complete the milestone.
- Check in one of the **Amended** columns if you wish us to recognize an amended BMP or an amended milestone. If you are amending the BMP, most likely you will also need to amend the milestone, and in that case, check both Amended BMP and Amended Milestone. If the BMP is unchanged, but you are changing milestones in subsequent years, check in the Amended Milestones column.
- If you indicate an amended BMP or milestone, then you should check in last column as well, indicating that you describe the amendment below and provide the necessary analysis in Part 0.

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>Milestone</th>
<th>Yes</th>
<th>No</th>
<th>Date completed or If “No,” Date to be completed</th>
<th>Amended/Replaced</th>
<th>An “Amended” response is described below and in Part 0.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Year 1-5</td>
<td>X</td>
<td></td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1B</td>
<td>Year 1-5</td>
<td>X</td>
<td></td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1C</td>
<td>Year 1-5</td>
<td>X</td>
<td></td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Year 1-5</td>
<td>X</td>
<td></td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1E</td>
<td>Year 1-5</td>
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<td></td>
<td>June 2004 (on-going)</td>
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</tr>
<tr>
<td>1F</td>
<td>Year 1-5</td>
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<td></td>
<td>June 2004 (on-going)</td>
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<td>2A</td>
<td>Year 1-5</td>
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<td></td>
<td>June 2004 (on-going)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Year 1-5</td>
<td>X</td>
<td>June 2004 (on-going)</td>
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<td>3A</td>
<td>Year 1</td>
<td>X</td>
<td>June 2004 (on-going)</td>
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</tr>
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<td></td>
<td>Year 2</td>
<td>X</td>
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<td></td>
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<td>Year 4</td>
<td>X</td>
<td>June 2007</td>
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<tr>
<td>3B</td>
<td>Year 1</td>
<td>X</td>
<td>June 2004 (on-going)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Year 2</td>
<td>X</td>
<td>June 2005</td>
<td></td>
<td></td>
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<td>X</td>
<td>June 2006</td>
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<td>June 2007</td>
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<td>3C</td>
<td>Year 1</td>
<td>X</td>
<td>June 2004 (on-going)</td>
<td></td>
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<tr>
<td></td>
<td>Year 2</td>
<td>X</td>
<td>June 2005</td>
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<td>Year 3</td>
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<td>3D</td>
<td>Year 1</td>
<td>X</td>
<td>June 2004 (on-going)</td>
<td></td>
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<tr>
<td></td>
<td>Year 2</td>
<td>X</td>
<td>June 2005</td>
<td></td>
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<tr>
<td></td>
<td>Year 4</td>
<td>X</td>
<td>June 2006</td>
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<tr>
<td>3E</td>
<td>Year 1</td>
<td>X</td>
<td>June 2004</td>
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<td></td>
<td>Year 4</td>
<td>X</td>
<td>June 2007</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3F</td>
<td>Year 4</td>
<td>X</td>
<td>June 2007</td>
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<td></td>
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<tr>
<td>4A</td>
<td>Year 1-5</td>
<td>X</td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4B</td>
<td>Year 1-5</td>
<td>X</td>
<td>June 2004 (on-going)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4C</td>
<td>Year 2</td>
<td>X</td>
<td>June 2005</td>
<td></td>
<td></td>
<td></td>
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<td>4D</td>
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<tr>
<td>4E</td>
<td>Year 2</td>
<td>X</td>
<td>June 2005</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### C. Status of compliance for amended and replaced BMPs

For every amended/replaced BMP and/or milestone above, provide the compliance status with respect to the new milestone for this year. The new milestones must be detailed in Part VIII.

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>Milestone</th>
<th>Milestone Description</th>
<th>Yes</th>
<th>No</th>
<th>Date completed or If “No,” Date to be completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3C</td>
<td>Year 4</td>
<td>Develop and implement education training and tools for all operators of “hot spot” businesses.</td>
<td>X</td>
<td></td>
<td>June 2007</td>
</tr>
</tbody>
</table>
### Year 4

**Continue mapping existing and new outfalls in the Knox County jurisdictional area, with at least 50% coverage complete.**

<table>
<thead>
<tr>
<th>3E</th>
<th>Year 4</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td>June 30, 2007</td>
</tr>
</tbody>
</table>

---

### Explanation for “No” Responses in either table above

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>Explanation for “No” Response</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

Go to next page.
Assessment of the appropriateness of identified BMPs (5.4.1)

For every BMP or amended BMP, assess the appropriateness of the BMP in the following table. For the first year annual report, assume “Good” unless you have evidence to support an inappropriate, minimal or superior assessment.

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>Short title</th>
<th>We consider the listed BMP appropriate to the following degree:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Inappropriate</td>
</tr>
<tr>
<td>1A</td>
<td>Grading Permit Brochure</td>
<td></td>
</tr>
<tr>
<td>1B</td>
<td>Adopt-a-Watershed Program</td>
<td></td>
</tr>
<tr>
<td>1C</td>
<td>Water Quality Forum World Wide Web Site</td>
<td></td>
</tr>
<tr>
<td>1D</td>
<td>Tennessee Growth Readiness</td>
<td></td>
</tr>
<tr>
<td>1E</td>
<td>Grab Bag Programs/Events</td>
<td></td>
</tr>
<tr>
<td>1F</td>
<td>Erosion/Sediment Control Training</td>
<td></td>
</tr>
<tr>
<td>2A</td>
<td>Water Quality Forum</td>
<td></td>
</tr>
<tr>
<td>2B</td>
<td>Adopt-a-Stream</td>
<td></td>
</tr>
<tr>
<td>2C</td>
<td>Environmental Stewardship Program</td>
<td></td>
</tr>
<tr>
<td>2D</td>
<td>River/Stream Clean-up &amp; Awareness Days</td>
<td></td>
</tr>
<tr>
<td>2E</td>
<td>Watershed Initiatives</td>
<td></td>
</tr>
<tr>
<td>3A</td>
<td>Illicit Discharge Complaint Tracking Database</td>
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</tr>
<tr>
<td>3B</td>
<td>Non-Stormwater Screening Area Prioritization Map</td>
<td></td>
</tr>
<tr>
<td>3C</td>
<td>Illicit Discharge Education for Citizens</td>
<td></td>
</tr>
<tr>
<td>3D</td>
<td>Stormwater Ordinance Amendments</td>
<td></td>
</tr>
<tr>
<td>3E</td>
<td>Outfall Mapping</td>
<td></td>
</tr>
<tr>
<td>3F</td>
<td>Illicit Discharge Detection</td>
<td></td>
</tr>
<tr>
<td>4A</td>
<td>Pre-Construction Meetings for Site Development &amp; Capital Improvement Projects</td>
<td></td>
</tr>
<tr>
<td>4B</td>
<td>Construction Site Inspections</td>
<td></td>
</tr>
<tr>
<td>4C</td>
<td>Buffer Zone Protection</td>
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<tr>
<td>4D</td>
<td>Erosion &amp; Sediment Control Note Required on Design Plans</td>
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</tr>
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<td>4E</td>
<td>Stormwater Ordinance Amendments</td>
<td></td>
</tr>
<tr>
<td>4F</td>
<td>Erosion &amp; Sediment Control Design Education</td>
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</tr>
<tr>
<td>4G</td>
<td>Grading Permit Requirements – Tracking Responsible Parties</td>
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<tr>
<td>4H</td>
<td>Complaint Receipt</td>
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<tr>
<td>5A</td>
<td>Knox County Site Planning Roundtable</td>
<td>X</td>
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<tr>
<td>5B</td>
<td>Environmental Stewardship Program</td>
<td>X</td>
</tr>
<tr>
<td>5C</td>
<td>Stormwater Management Ordinance</td>
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<td>6A</td>
<td>Pollution Prevention Training</td>
<td>X</td>
</tr>
<tr>
<td>6B</td>
<td>Salt Storage Facility</td>
<td>X</td>
</tr>
<tr>
<td>6C</td>
<td>Truck Wash Rack</td>
<td>X</td>
</tr>
<tr>
<td>6D</td>
<td>Pollution Prevention Policy</td>
<td>X</td>
</tr>
</tbody>
</table>
Progress with respect to MEP and Measurable Goals (5.4.1)

Element 5.4.1 requires you to report progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable (MEP), and the measurable goals for each of the minimum control measures.

A. MEP

Of the \[32\] BMPs that comprise our storm water management program in the six minimum measures, we have accomplished Year 4 milestones for \[32\] of \[32\]. This does / does not represent substantial progress in achieving the statutory goal of reducing the discharge of pollutants to the MEP.

The number above represents all BMPs and the milestones associated with them, even if there was not a milestone to meet in year 4.

B. Measurable goals

Of the \[32\] BMPs shown above, we have accomplished Year 4 milestones for \[32\] of \[32\]. This represents progress toward achieving the measurable goals identified in our original NOI and in this annual report. For the measurable parameters/goals we have been able to track for this past year, the measurements are recorded in Part IX.

Signed

Dated

Mike Ragsdale, Knox County Mayor
Printed Name and Title

Go to next page.
Results of Information Collected and Analyzed (5.4.2)

Element 5.4.2 of the permit requires you to report results of information collected and analyzed, if any, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

*A brief summary of information, including analytical and/or non-analytical monitoring results, is listed below. Detailed information is collected and available at the offices of the MS4.*

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Relevant BMP, or Purpose of Information</th>
<th>Conclusions</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Go to next page.
### Planned Activities and Proposed Changes to the Storm Water Management Program (5.4.3 and 5.4.4)

**A. Storm water activities planned for next reporting cycle**

Element 5.4.3 requires a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule).

*The storm water activities planned for the next reporting cycle are the BMPs as reflected in our NOI and as amended (if any) in subsequent annual reports, including this annual report, and are as follows:*

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>Title/Name of BMP</th>
<th>Milestone for next reporting cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Grading Permit Brochure</td>
<td>Continue to distribute brochure</td>
</tr>
<tr>
<td>1B</td>
<td>Adopt-a-Watershed Program</td>
<td>Provide financial support equal to or exceeding $15,000</td>
</tr>
<tr>
<td>1C</td>
<td>Water Quality Forum World Wide Web Site</td>
<td>Funding and support of Web site development. A project activity log documenting time, content, and financial contributions will be developed.</td>
</tr>
<tr>
<td>1D</td>
<td>Tennessee Growth Readiness</td>
<td>Provide support and promotion of the Tennessee Growth Readiness Program. As best as possible, maintain a log of TGR-based presentations made in the Knox County area.</td>
</tr>
<tr>
<td>1E</td>
<td>Grab Program/Events</td>
<td>Knox County will document support for the activities listed above (in the BMP) or any additional activities.</td>
</tr>
<tr>
<td>1F</td>
<td>Erosion/Sediment Control Training</td>
<td>Maintain documentation of staff training and monitor attendance of local offerings of the TDEC ESC class.</td>
</tr>
<tr>
<td>2A</td>
<td>Water Quality Forum</td>
<td>Continuation of involvement in Water Quality Forum activities. These activities will be documented by Knox County.</td>
</tr>
<tr>
<td>2B</td>
<td>Adopt-a-Stream</td>
<td>Continued support of Adopt-a-Stream by Knox County. The support will be documented in terms of time and financial contributions. Printed and digital media with information about Adopt-a-Stream program will be maintained by Knox County.</td>
</tr>
<tr>
<td>2C</td>
<td>Environmental Stewardship Program</td>
<td>Knox County will continue financial and staff support and make public presentations. Documentation will be made of activities.</td>
</tr>
<tr>
<td>2D</td>
<td>River/Stream Clean-up &amp; Awareness Days</td>
<td>Continued support with documentation by Knox County.</td>
</tr>
<tr>
<td>2E</td>
<td>Watershed Initiatives</td>
<td>Knox County support of watershed initiatives in one or more Knox County watersheds. Activities and contributions will be documented.</td>
</tr>
<tr>
<td>3A</td>
<td>Illicit Discharge Complaint Tracking Database</td>
<td>Utilization of database and procedures.</td>
</tr>
<tr>
<td>3B</td>
<td>Non-stormwater Screening Area</td>
<td>Maintain map.</td>
</tr>
<tr>
<td>3C</td>
<td>Illicit Discharge Education</td>
<td>Develop and implement education training and tools for all operators of “hot spot” businesses.</td>
</tr>
<tr>
<td>3D</td>
<td>Stormwater Ordinance Amendments</td>
<td>There is no milestone for 2007-2008.</td>
</tr>
<tr>
<td>3E</td>
<td>Outfall Mapping</td>
<td>Continue mapping existing and new outfalls and obtain complete mapping coverage of the Knox County jurisdictional area.</td>
</tr>
<tr>
<td>3F</td>
<td>Illicit Discharge Detection</td>
<td>Implement detection program.</td>
</tr>
<tr>
<td>4A</td>
<td>Pre-Construction Meetings for Site Development and Capital Improvement Projects</td>
<td>Knox County will document pre-construction meetings.</td>
</tr>
<tr>
<td>4B</td>
<td>Construction Site Inspections</td>
<td>Continue inspection and maintain documentation in the form of site inspection logs.</td>
</tr>
<tr>
<td>4C</td>
<td>Buffer Zone Protection</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>4D</td>
<td>Note Required on Design Plans</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>4E</td>
<td>Stormwater Ordinance Amendments</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>4F</td>
<td>Erosion and Sediment Control Design Education</td>
<td>All Knox County inspection and plans review staff will complete TDEC training (inspectors are only required to take Level I) and Knox County will advertise course and coordinate scheduling with TDEC.</td>
</tr>
<tr>
<td>4G</td>
<td>Grading Permit Requirements – Tracking Responsible Parties</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>4H</td>
<td>Complaint Receipt</td>
<td>Knox County will use a database to track and keep records of complaints received from the public. Also, develop and implement a protocol for receiving complaints, inspections, and enforcement.</td>
</tr>
<tr>
<td>5A</td>
<td>Knox County Site Planning Roundtable</td>
<td>Knox County will implement ordinance revisions.</td>
</tr>
<tr>
<td>5B</td>
<td>Environmental Stewardship Program</td>
<td>Knox County will continue financial and staff support and make public presentations. Documentation will be made of activities.</td>
</tr>
<tr>
<td>5C</td>
<td>Stormwater Management Ordinance</td>
<td>The Stormwater Management Ordinance will be updated.</td>
</tr>
<tr>
<td>6A</td>
<td>Pollution Prevention Training</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>6B</td>
<td>Salt Storage Facility</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>6C</td>
<td>Truck Wash Rack</td>
<td>There is no milestone requirement for 2007-2008.</td>
</tr>
<tr>
<td>6D</td>
<td>Pollution Prevention Policy</td>
<td>Knox County will implement and document a policy to be applied by all departments outlining pollution prevention practices and training protocols.</td>
</tr>
</tbody>
</table>
**Activity** | **Summary Description** | **Purpose**
---|---|---
TMDL Monitoring – Ft. Loudoun | Monitoring plan as required by TMDL has been developed. | Assessment of watershed conditions with regard to pollutants of concern.
TMDL Monitoring – Lower Clinch | Monitoring plan as required by TMDL has been developed. | Assessment of watershed conditions with regard to pollutants of concern.

**B. Proposed changes to storm water management program**

Element 5.4.4 requires a report on proposed changes to your storm water management program, including changes to any BMPs or any identified measurable goals that apply to the program elements.

*Amended and replacement BMPs (if any) are reflected in Part I.A. and Part VIII, and in the above table and will not be repeated here. Additional, proposed changes are noted below.*

**Change to Program** | **Summary Description** | **Rationale**
---|---|---
3C – Illicit Discharge Education – Yrs. 4 & 5 | Re-direction to orient training and tools for site operators of illicit discharge “hot spot” businesses. This re-orientation of the program is being developed with routine training for all operators of “hot spot” businesses to be made a requirement in the future by Knox County. | Owners and operators of “hot spot” land use sites are a more appropriate target audience because their activities have a direct effect on protection against the discharge of pollutants.
3E – Outfall Mapping – Yr. 4 | Continue mapping existing and new outfalls in the Knox County jurisdictional area, with at least 50% coverage complete. | This milestone was changed to reflect the actual percentage of mapping completed in Yr. 4.
Water Quality Controls for Discharges to Impaired Waterbodies (3.1.2)

The table below lists impaired waterbodies affected by discharges from this MS4, the pollutants of concern, and the two BMPs we believe to be the most significant in controlling discharges of these pollutants.

<table>
<thead>
<tr>
<th>Stream Name</th>
<th>Pollutants</th>
<th>Priority BMP 1</th>
<th>Priority BMP 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver Creek and Tributaries (Grassy Creek, Meadow Creek, Knob Fork, Hines Branch, etc.)</td>
<td>Siltation, habitat alterations, pathogens, nutrients</td>
<td>4B, Construction Site Inspections</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
</tr>
<tr>
<td>Stock Creek and Tributaries (Twin Branch, Grandview Branch, McCall Branch, High Bluff Branch, Gun Hollow Branch, Casteel Branch)</td>
<td>Siltation, habitat alterations, pathogens</td>
<td>4B, Construction Site Inspections</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
</tr>
<tr>
<td>Bullrun Creek and Tributaries (Williams Branch, Foster Branch, North Fork Bullrun Creek)</td>
<td>Siltation, habitat alteration, pathogens</td>
<td>4B, Construction Site Inspections</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
</tr>
<tr>
<td>Roseberry Creek</td>
<td>Pathogens</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
<td>3A, Illicit Discharge Complaint Tracking Database</td>
</tr>
<tr>
<td>Swanpond Creek</td>
<td>Siltation, habitat alterations</td>
<td>4B, Construction Site Inspections</td>
<td>2B, Adopt-a-Stream</td>
</tr>
<tr>
<td>Little Flat Creek</td>
<td>Pathogens</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
<td>3A, Illicit Discharge Complaint Tracking Database</td>
</tr>
<tr>
<td>Flat Creek</td>
<td>Siltation, habitat alterations</td>
<td>4B, Construction Site Inspections</td>
<td>2C, Environmental Stewardship Program</td>
</tr>
<tr>
<td>Location</td>
<td>Problem Areas</td>
<td>4B, Construction Site Inspections</td>
<td>2E, Watershed Initiatives (includes partnerships with Utilities, TVA, USDA and others to address habitat restoration, wastewater system repair or retrofit, and agricultural BMPs)</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------</td>
<td>-----------------------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Whites Creek</td>
<td>Habitat alterations, siltation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sinking Creek</td>
<td>Siltation, habitat alterations, pathogens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grable Branch</td>
<td>Oil &amp; Grease, siltation, habitat alterations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roddy Branch</td>
<td>Siltation, habitat alterations, pathogens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ft. Loudon Reservoir</td>
<td>PCBs</td>
<td>No current sources for PCBs in MS4</td>
<td></td>
</tr>
</tbody>
</table>
The table below lists impaired waterbodies for which the state has promulgated a TMDL. For the waterbodies indicated, we have complied with the requirements of the permit as noted by the check marks. [The table below includes two columns for two TMDLs. If additional space is needed, add additional table(s).]

<table>
<thead>
<tr>
<th>Permit Requirement</th>
<th>Waterbody Name/ Pollutant of Concern</th>
<th>Waterbody Name/ Pollutant of Concern</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?</td>
<td>First, Second, Third, and Goose Creeks / Fecal Coliform</td>
<td>Baker, Williams, and Fourth Creeks/ Fecal Coliform</td>
</tr>
<tr>
<td>3.1.3.2 Does the TMDL include a pollutant wasteload allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.4-Or are additional control measures necessary?</td>
<td>No, but others may be recommended and become apparent either through watershed initiatives or from monitoring data.</td>
<td>No, but others may be recommended and become apparent either through watershed initiatives or from monitoring data.</td>
</tr>
<tr>
<td>3.1.3.5 Current and planned control measures are documented.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.</td>
<td>See Below</td>
<td>See Below</td>
</tr>
<tr>
<td>3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.</td>
<td>There are none planned at present.</td>
<td>There are none planned at present.</td>
</tr>
<tr>
<td>Permit Requirement</td>
<td>Waterbody Name/ Pollutant of Concern</td>
<td>Waterbody Name/ Pollutant of Concern</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.2 Does the TMDL include a pollutant wasteload allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.4-Or are additional control measures necessary?</td>
<td>No, but others may be recommended and become apparent either through watershed initiatives or from monitoring data.</td>
<td>No, but others may be recommended and become apparent either through watershed initiatives or from monitoring data.</td>
</tr>
<tr>
<td>3.1.3.5 Current and planned control measures are documented.</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.</td>
<td>See Below</td>
<td>See Below</td>
</tr>
<tr>
<td>3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.</td>
<td>There are none planned at present.</td>
<td>There are none planned at present.</td>
</tr>
<tr>
<td>Permit Requirement</td>
<td>Waterbody Name/ Pollutant of Concern</td>
<td>Waterbody Name/ Pollutant of Concern</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.2 Does the TMDL include a pollutant wasteload allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?</td>
<td>No (see 3.1.3.5 below)</td>
<td>No (see 3.1.3.5 below)</td>
</tr>
<tr>
<td>3.1.3.4-Or are additional control measures are necessary?</td>
<td>Yes, a monitoring program will be included in the TMDL implementation plan to be proposed to TDEC by January 2007 by Knox County</td>
<td>Yes, a monitoring program will be included in the TMDL implementation plan to be proposed to TDEC by March 2007 by Knox County</td>
</tr>
<tr>
<td>3.1.3.5 Current and planned control measures are documented.</td>
<td>Yes (additional monitoring requirements will be presented to by January 2007.)</td>
<td>Yes (additional monitoring requirements will be presented to by January 2007.)</td>
</tr>
<tr>
<td>3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.</td>
<td>See Below</td>
<td>See Below</td>
</tr>
<tr>
<td>3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.</td>
<td>Please see the notes below regarding 3.1.3.6</td>
<td>Please see the notes below regarding 3.1.3.6</td>
</tr>
</tbody>
</table>
3.1.3.6 Additional Data

TMDL for Pathogens in the Fort Loudoun Lake & Little River Watershed

1. Knox County began and currently maintains an active, leadership role with the Stock Creek Watershed Initiative. This activity has been cited in the TMDL as an example of the approach desired on the part of MS4s. More information on the Stock Creek Initiative is available upon request.

2. The longevity (ie, funding, partnership participation, etc.) of the watershed initiative is a consideration in long-term planning. A watershed management plan has been developed with continuing support from the main project partners (Knox County, TVA, UT, Knox-Chapman Utility District).

3. The potential for expansion of the watershed initiative’s scope is considered. In areas beyond the geographical scope of the current initiatives, it is likely new partnerships will be needed.

4. Improvements, standardization and continued development of Knox County’s illicit discharge detection and elimination program will provide key tools for watershed management. At present, existing resources through watershed initiatives, the Health Department, Stormwater staff, and outfall mapping efforts are likely adequate. This facet of the MS4 program should be re-evaluated as inventorying is completed in order to determine if additional staff resources are needed.

5. The monitoring plan developed as part of the siltation and habitat alteration TMDL includes biological sampling to help evaluate BMP effectiveness by allowing monitoring before and following BMP installations. The plan may also help to identify key land use types by providing data associated with particular land uses and/or application of BMPs. The plan will also provide baseline sampling data help determine baseline conditions.

TMDL for Pathogens in the Lower Clinch River Watershed

1. Knox County was the catalyst for the formation of the Beaver Creek Watershed Initiative (BCWI) and has taken an active leadership role in the Bullrun Creek watershed project. The BCWI and its planning and education efforts have gained praise from EPA as an example of successful partnered efforts at watershed restoration.

2. The longevity (ie, funding, partnership participation, etc.) of the watershed initiative a consideration in long-term planning. Currently, sampling plans, education efforts, restoration projects are all planned for the next several years and are coordinated with the monitoring plan under development as part of the TMDL for the same watershed for siltation and habitat alteration. The Knox County Health Department and Hallsdale-Powell Utility District are committed partners in implementing BMPs, engaging in monitoring, and investigating potential illicit discharges.

3. The potential for expansion of the watershed initiative’s scope is considered. In areas beyond the geographical scope of the current initiatives, it is likely new partnerships will be needed.

4. Improvements, standardization and continued development of Knox County’s illicit discharge detection and elimination program will provide key tools for watershed management. At present, existing resources through watershed initiatives, the Health Department, Stormwater staff, and outfall mapping efforts are likely adequate. This facet of the MS4 program should be re-evaluated as inventorying is completed in order to determine if additional staff resources are needed.
TMDL for Fecal Coliform in the Fort Loudoun Lake Watershed (First, Second, Third, Goose, Baker, Fourth, and Williams Creek)

1. In these watersheds, areas outside the City of Knoxville MS4 (ie, within the Knox County MS4) are identified for potential for public contact with impaired waters.
2. If public contact areas are identified, sites will be identified for signs to be posted. (NOTE: currently, no areas of public contact within the Knox County MS4s are found. Maps of the watershed were generated for this analysis.)
3. Improvements, standardization and continued development of Knox County’s illicit discharge detection and elimination program will provide key tools for watershed management. At present, existing resources are used to detect, investigate and eliminate illicit discharges through watershed initiatives, the Knox County Health Department, Stormwater staff, and Knox County’s outfall mapping efforts. This facet of the MS4 program should be re-evaluated as inventorying is completed in order to determine if additional resources are needed.

TMDL for Siltation and Habitat Alteration in the Fort Loudoun Watershed

1. A joint effort between Knox County, TVA, the University of Tennessee, and neighboring MS4s has been initiated to best coordinate efforts and share resources for education, monitoring, policy and BMP implementation.
2. Staffing resources and support materials (data management, standard operating procedures, etc.) are considered for increased site inspection procedures by County staff. Additional construction site inspectors were added in the 2006-2007 fiscal year. Two additional construction site inspectors have been added in the 2007-2008 FY budget.
3. Tracking of permitting and enforcement/administrative actions will be evaluated yearly. Measures to improve quality control and consistency (checklists, peer overview, etc.) as recommended in the TDEC 2006 MS4 audit are being and will continue to be implemented.
4. A monitoring plan has been developed and submitted to TDEC for approval. The plan will help evaluate BMP effectiveness by allowing monitoring before and following BMP installations. The plan may also help to identify key land use types by providing data associated with particular land uses and/or application of BMPs. The plan will also provide baseline sampling data help determine baseline conditions.
5. Areas of streambank erosion may be identified and inventoried as a means to locate impacting areas and track watershed changes.

TMDL for Siltation and Habitat Alteration in the Lower Clinch River Watershed

1. Current education and monitoring resources available through the Beaver Creek and Bullrun Creek watershed initiatives are a resource to be considered. Knox County will continue to take a leadership role in both efforts to best align efforts between partnering agencies.
2. Staffing resources and support materials (data management, standard operating procedures, etc.) are considered for increased site inspection procedures by County staff. Additional construction site inspectors were added in the 2006-2007 fiscal year. Two additional construction site inspectors have been added in the 2007-2008 FY budget.
3. Tracking of permitting and enforcement/administrative actions will be evaluated yearly. Measures to improve quality control and consistency (checklists, peer overview, etc.) as recommended in the TDEC 2006 MS4 audit are being and will continue to be implemented.
4. A monitoring plan has been developed and submitted to TDEC for approval. The plan will help evaluate BMP effectiveness by allowing monitoring before and following BMP installations. The plan may also help to identify key land use types by providing data associated with particular land uses and/or application of BMPs. The plan will also provide baseline sampling data help determine baseline conditions.
5. Areas of streambank erosion may be identified and inventoried as a means to locate impacting areas and track watershed changes.
Protection of Listed Threatened or Endangered Species (3.2)

We have followed the procedures given in section 3.2 of the Tennessee small MS4 general permit to ascertain whether or not storm water discharges from the MS4 are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the ESA, or result in the adverse modification or destruction of habitat that is designated as critical under the ESA (“critical habitat”). Below is a table indicating the procedures we have followed. We retain documentation of the evaluations and decisions reached through the evaluation.

NOTE: a copy of the procedure for site development plan screening for threatened and endangered species is included with this report.

<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>Yes/No</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2.1.2.1 Criteria A: No endangered or threatened species or critical habitat in proximity to MS4 or the point where discharges reach the receiving water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2.1.2.2 Criteria B: Formal or informal consultation with the Fish and Wildlife Service under Section 7 of the Endangered Species Act (ESA) has been concluded and that consultation addressed effects of storm water activities or resulted in a no jeopardy or not-likely-to-affect opinion.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2.1.2.3 Criteria C: Activities are authorized under Section 10 of the ESA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2.1.2.4 Criteria D: Evaluated the effects of storm water discharges; we do not have reason to believe the discharge and discharge-related activities will jeopardize species or cause adverse modification or destruction of critical habitat.</td>
<td>Yes</td>
<td>Through coordination with US Fish and Wildlife, Knox County has revised policies and procedures to ensure compliance with Endangered Species requirements of the MS4 permit.</td>
</tr>
<tr>
<td>3.2.1.2.5 Criteria E: Our storm water discharges and related activities are already addressed in another operator’s certification of eligibility. We agree to comply with conditions of that eligibility.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signed

Mike Ragsdale, Knox County Mayor

Printed Name and Title
**Explanation of Amended or Replaced BMPs (from Part I)**

The following table provides description(s) of BMPs and/or milestones we wish to amend this reporting year and subsequent years, as indicated. [Add tables as necessary.]

For every BMP that is being amended or replaced, provide the following information and analysis. The BMPs you describe here should match the ones you indicated as “Amended/Replaced” in Part I.B. of this annual report.

<table>
<thead>
<tr>
<th>BMP Code: 3C</th>
<th>BMP: Illicit Discharge Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>New BMP short title:</td>
<td>Same</td>
</tr>
<tr>
<td>New BMP description:</td>
<td>Same</td>
</tr>
<tr>
<td>BMP is being amended/replaced as:</td>
<td>Ineffective ☐ Infeasible ☐ See narrative. X</td>
</tr>
<tr>
<td>Expected effectiveness of new BMP:</td>
<td>Good</td>
</tr>
<tr>
<td>Why is the replacement BMP expected to achieve goals:</td>
<td>The purpose of the BMP is the same. The amendment is to make the BMP/Milestone fit a more appropriate audience.</td>
</tr>
<tr>
<td>BMP Milestone Year 1</td>
<td></td>
</tr>
<tr>
<td>BMP Milestone Year 2</td>
<td></td>
</tr>
<tr>
<td>BMP Milestone Year 3</td>
<td></td>
</tr>
<tr>
<td>BMP Milestone Year 4</td>
<td>Develop and implement education training and tools for all operators of “hot spot” businesses.</td>
</tr>
<tr>
<td>BMP Milestone Year 5</td>
<td>Develop and implement education training and tools for all operators of “hot spot” businesses.</td>
</tr>
<tr>
<td>Narrative:</td>
<td>The amendment is to make the BMP/Milestone fit a more appropriate audience for illicit discharge prevention and protection against the discharge of pollutants.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMP Code: 3E</th>
<th>BMP: Outfall Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>New BMP short title:</td>
<td>Same</td>
</tr>
<tr>
<td>New BMP description:</td>
<td>Same</td>
</tr>
<tr>
<td>BMP is being amended/replaced as:</td>
<td>Ineffective ☐ Infeasible ☐ See narrative. X</td>
</tr>
<tr>
<td>Expected effectiveness of new BMP:</td>
<td>Good</td>
</tr>
<tr>
<td>Why is the replacement BMP expected to achieve goals:</td>
<td>The BMP purpose remains the same. Having completed a year of field work allows for more accurate estimating.</td>
</tr>
<tr>
<td>BMP Milestone Year 1</td>
<td></td>
</tr>
<tr>
<td>BMP Milestone Year 2</td>
<td></td>
</tr>
</tbody>
</table>
### BMP Milestone Year 3

**BMP Code:** __________

**BMP:**

**New BMP short title:**

**New BMP description:**

**BMP is being amended/replaced as:**

- Ineffective [ ]
- Infeasible [ ]
- See narrative. [ ]

**Expected effectiveness of new BMP:**

**Why is the replacement BMP expected to achieve goals:**

- BMP Milestone Year 1
- BMP Milestone Year 2
- BMP Milestone Year 3
- BMP Milestone Year 4
- BMP Milestone Year 5

**Narrative:**

### BMP Milestone Year 4

**BMP Code:** __________

**BMP:**

**New BMP short title:**

**New BMP description:**

**BMP is being amended/replaced as:**

- Ineffective [ ]
- Infeasible [ ]
- See narrative. [ ]

**Expected effectiveness of new BMP:**

**Why is the replacement BMP expected to achieve goals:**

- BMP Milestone Year 1
- BMP Milestone Year 2
- BMP Milestone Year 3
- BMP Milestone Year 4
- BMP Milestone Year 5

**Narrative:** Continue mapping existing and new outfalls in the Knox County jurisdictional area, with at least 50% coverage complete.

### BMP Milestone Year 5

**Narrative:** Having completed a year of field work allows for more accurate estimating.
<table>
<thead>
<tr>
<th>BMP Milestone Year 5</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Narrative:</td>
<td></td>
</tr>
</tbody>
</table>

Go to next page.
**Tracking of measurable goals**

For each of your BMPs, you should have established a measurable parameter, and goal in terms of that measurable parameter. Measurable parameters are ways to measure activities or effects of a BMP. The goal is the parameter value established as a target. If you are not yet measuring the parameter for a given BMP, indicate Not Applicable Yet (NAY) in the Result column.

<table>
<thead>
<tr>
<th>BMP Code</th>
<th>BMP Title</th>
<th>Measurable parameter</th>
<th>Result</th>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A</td>
<td>Grading Permit Brochure</td>
<td>Number of Grading Permits Issued</td>
<td>Brochure provided with grading permits and at public information events.</td>
<td>Distribute brochure with grading permits</td>
</tr>
<tr>
<td>1B</td>
<td>Adopt-A-Watershed</td>
<td>Support of at least $15,000 to the program</td>
<td>Support in the amount of $46,500.</td>
<td>Continued support of the program</td>
</tr>
<tr>
<td>1C</td>
<td>Water Quality Forum World Wide Web Site</td>
<td>Funding and support of the WWW site, progress logged</td>
<td>Continued support of Web site</td>
<td>Continued support of Web site</td>
</tr>
<tr>
<td>1D</td>
<td>Tennessee Growth Readiness</td>
<td>Support Tennessee Growth Readiness program presentations in Knox County area</td>
<td>Tennessee Growth Readiness presentation has been included in Knox County watershed education presentations by Watershed Coordinator</td>
<td>Support /promotion of the Tennessee Growth Readiness Program. As best as possible, maintain a log of TGR presentations.</td>
</tr>
<tr>
<td>1E</td>
<td>Grab Bag Programs/Events</td>
<td>Document support of various public education activities</td>
<td>Support of Activities Documented (Waterfest, Kids-n-Creek etc.)</td>
<td>Support of Activities Documented</td>
</tr>
<tr>
<td>1F</td>
<td>Erosion/Sediment Control Training</td>
<td>Completion of Erosion and Sediment Control Training by Knox County staff</td>
<td>Training of all key staff completed</td>
<td>Training of all key staff completed</td>
</tr>
<tr>
<td>2A</td>
<td>Water Quality Forum</td>
<td>Documented participation in Water Quality Forum activities by Knox County</td>
<td>Activities have been documented though WQF Web site, executive committee meetings, etc.</td>
<td>Documented participation in Water Quality Forum activities.</td>
</tr>
<tr>
<td>2B</td>
<td>Adopt-a-Stream</td>
<td>Continued financial and logistical support of Adopt-a-Stream</td>
<td>Support has been provided and documented.</td>
<td>Continued financial and logistical support</td>
</tr>
<tr>
<td>No.</td>
<td>Section</td>
<td>Activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----</td>
<td>---------</td>
<td>----------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2C</td>
<td>Environmental Stewardship Program</td>
<td>Continued financial and logistical support of Environmental Stewardship Program</td>
<td>Three trainings in 2006-2007 of Adopt-a-Stream. Continued financial and logistical support of Environmental Stewardship Program.</td>
<td></td>
</tr>
<tr>
<td>2D</td>
<td>River/Stream Clean-Up (and Awareness) Days</td>
<td>Continued support by participation, promotion, material or financial support</td>
<td>Knox County support has been provided and logged. Continued support by participation, promotion, material or financial support.</td>
<td></td>
</tr>
<tr>
<td>2E</td>
<td>Watershed Initiatives</td>
<td>Leadership in watershed planning initiatives.</td>
<td>Watershed planning initiative activities have been logged through meeting minutes and record of financial support of related projects (For example, the Beaver Creek Green Infrastructure Plan). Documentation of leadership in watershed planning initiatives.</td>
<td></td>
</tr>
<tr>
<td>3A</td>
<td>Illicit Discharge Complaint Tracking Database</td>
<td>Implement illicit discharge complaint tracking database.</td>
<td>Current work order requests database has been modified to accept illicit discharge complaints. Develop Standard Operating Procedures.</td>
<td></td>
</tr>
<tr>
<td>3B</td>
<td>Non-Stormwater Screening Area Prioritization Map</td>
<td>Identify priority land uses for potential non-stormwater screening sites</td>
<td>Land use maps have been created and (in some cases) enhanced to illustrate priority areas. Field check and maintain</td>
<td></td>
</tr>
<tr>
<td>3C</td>
<td>Illicit Discharge Education</td>
<td>Development of “hot spot” training and education program for illicit discharge prevention.</td>
<td>Programs developed and used by other MS4s have been researched and the training and education program are currently being</td>
<td></td>
</tr>
</tbody>
</table>

Support in excess of $5,000 in project costs, and staff time for management has been provided and documented.
<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3D</strong></td>
<td>Stormwater Ordinance Amendments</td>
<td>Ordinance meets requirements.</td>
</tr>
<tr>
<td><strong>3E</strong></td>
<td>Outfall Mapping</td>
<td>Develop a digital (GIS) map showing location of stormwater outfalls to waters of the US.</td>
</tr>
<tr>
<td><strong>3F</strong></td>
<td>Illicit Discharge Detection</td>
<td>Utilization of current field resources to locate non-stormwater discharges through the MS4 (SOPs, outfall mapping, Health Dept.).</td>
</tr>
<tr>
<td><strong>4A</strong></td>
<td>Pre-Construction Meetings for Site Development and Capital Improvement Projects</td>
<td>Number of pre-construction meetings held.</td>
</tr>
<tr>
<td><strong>4B</strong></td>
<td>Construction Site Inspections</td>
<td>Continue construction site inspection.</td>
</tr>
<tr>
<td><strong>4C</strong></td>
<td>Buffer Zone Protection</td>
<td>Developing and requiring buffer zone protection.</td>
</tr>
<tr>
<td></td>
<td>Erosion and Sediment Control Note Required on Design Plans</td>
<td>Require note on design plans.</td>
</tr>
<tr>
<td>---</td>
<td>----------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>4D</td>
<td>Erosion and Sediment Control Note Required on Design Plans</td>
<td>Require note on design plans.</td>
</tr>
<tr>
<td>4E</td>
<td>Stormwater Ordinance Amendments</td>
<td>Amendments to Stormwater Management Ordinance</td>
</tr>
<tr>
<td>4F</td>
<td>Erosion and Sediment Control Design Education</td>
<td>County staff to complete ESC Level I training and promote courses to contractors and other potential clients</td>
</tr>
<tr>
<td>4G</td>
<td>Grading Permit Requirements – Tracking Responsible Parties</td>
<td>Implement client tracking for the Grading Permit process</td>
</tr>
<tr>
<td>4H</td>
<td>Complaint Receipt</td>
<td>Use of database to track erosion and sediment control complaints received from the public</td>
</tr>
<tr>
<td>5A</td>
<td>Knox County Site Planning Roundtable</td>
<td>Report on the site planning roundtable’s findings</td>
</tr>
<tr>
<td>5B</td>
<td>Environmental Stewardship Program</td>
<td>Financial support of ESP program.</td>
</tr>
<tr>
<td>5C</td>
<td>Stormwater Management Ordinance</td>
<td>Update to Stormwater Management Ordinance</td>
</tr>
<tr>
<td>6A</td>
<td>Pollution Prevention Training</td>
<td>Training of Knox County staff</td>
</tr>
<tr>
<td>6B</td>
<td>Salt Storage Facility</td>
<td>Installation of a facility to protect the on-site storm sewer system from runoff from stored road salt</td>
</tr>
<tr>
<td>6C</td>
<td>Truck Wash Rack</td>
<td>Installation of a facility to protect the on-site storm sewer system from runoff from truck and vehicle washing</td>
</tr>
<tr>
<td>6D</td>
<td>Pollution Prevention Policy</td>
<td>Implementation of pollution prevention policy</td>
</tr>
</tbody>
</table>
Footnotes

1 Maximum extent practicable (MEP) is the statutory standard that establishes the level of pollutant reductions that operators of regulated MS4s must achieve. The CWA requires that NPDES permits for discharges from MS4s “shall require controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques and system, design and engineering methods.” CWA 402(p)(3)(B)(iii).

2 Insert the number of BMPs listed in your NOI, as updated by subsequent annual reports. Example: if each minimum measure has five BMPs associated with it, you would insert [30] as the number of BMPs. [6 x 5]

3 Insert the number of Year 1 milestones accomplished. For example, if 27 Year 1 milestones are accomplished at the end of Year 1, then you would insert [27 of 30] in these brackets.